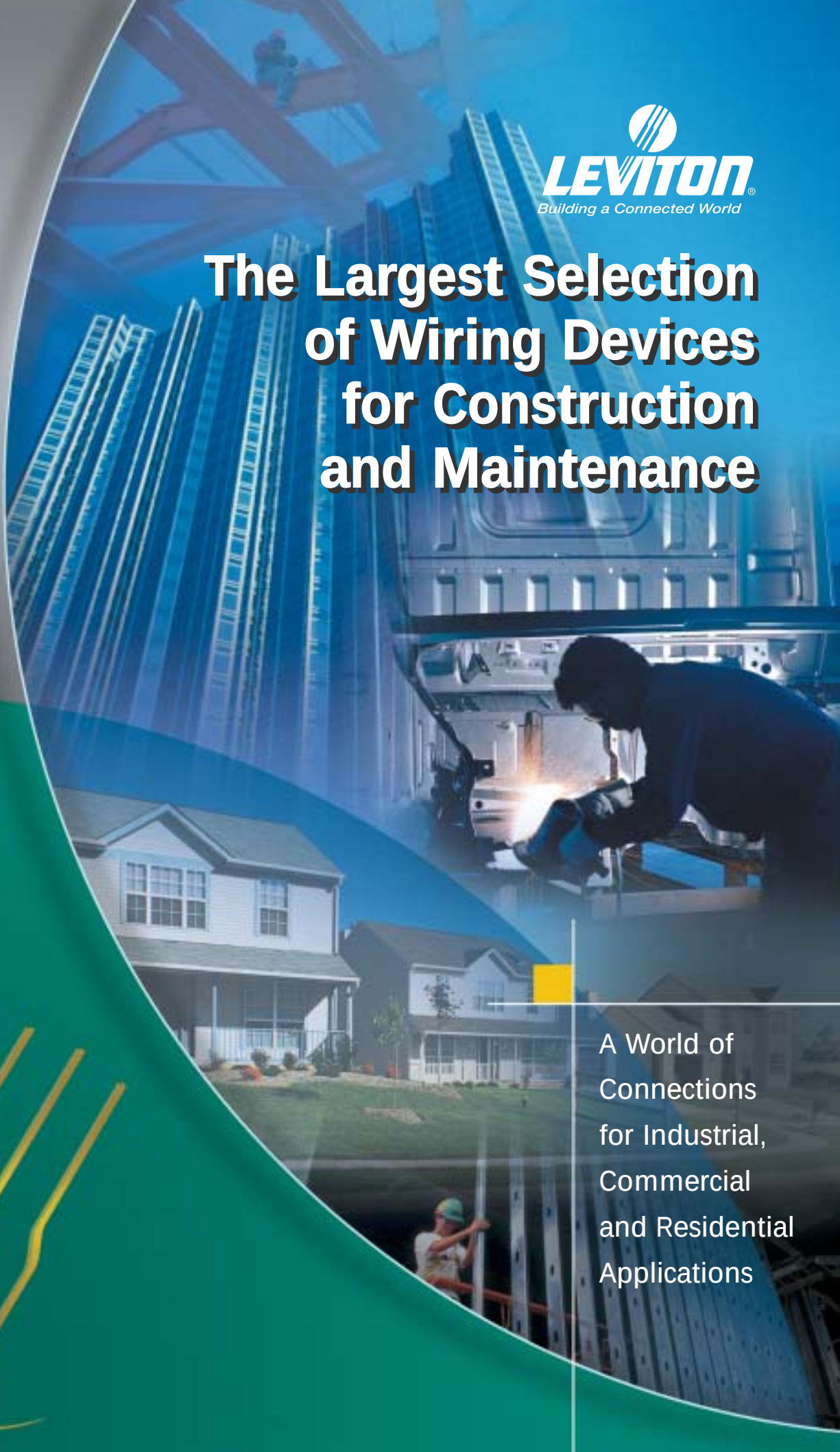
L-504

LEVITON
Building a Connected World

The Largest Selection of Wiring Devices for Construction and Maintenance



A World of Connections for Industrial, Commercial and Residential Applications

Leviton...
A Leading Supplier Since 1906

Leviton is committed to serving you, no matter which market you serve. This catalog contains a comprehensive selection of Leviton products for Industrial, Commercial and Residential construction and maintenance, including switches, receptacles, plugs and connectors, wire mesh safety grips, lighting controls, surge protective devices (TVSS), wallplates, communications premise wiring products and more, all designed to the highest standards of quality, dependability and performance.

Leviton L-504
Comprehensive Wiring Device Catalog

The Largest Selection for Industrial, Commercial and Residential Construction

Products in this catalog are Listed by Underwriter's Laboratories Inc., and Certified by the Canadian Standards Association unless otherwise indicated. Permission is hereby granted for reproduction of any parts of this book for the express purpose of using such reproductions in the process of preparing specifications and/or bids in which Leviton products are indicated. With the exception of the above usage, and for the purpose of quotation or reproduction of brief examples used in reviews of this work by periodical publications, all other quotation and/or reproduction is strictly forbidden without the express written consent of Leviton Manufacturing Co., Inc.

Note: Because Leviton engages in a continuous program of product improvement, data in this catalog is subject to change without notice.

Leviton Manufacturing Co., Inc.
59-25 Little Neck Parkway, Little Neck, New York 11362-2591
1-800-323-8920 • Fax 1-800-832-9538 • Techline: 1-800-824-3005
Website: www.leviton.com

©2003 by Leviton Manufacturing Co., Inc.
U.S. and Foreign Patents Pending

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A

B

C

D

E

F

G

H

I

J

JJ

K

L

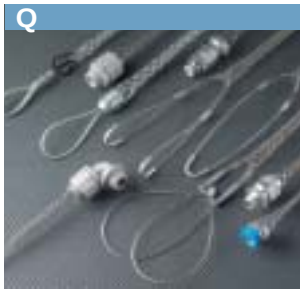
M

N

O

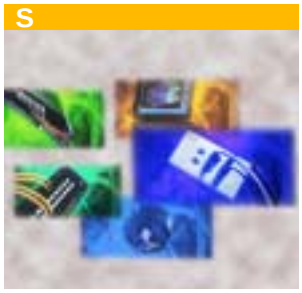
P

Q



R

S



T

U

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Table of Contents

QUICK REFERENCE INDEX	i–ii
ABOUT LEVITON	iii–viii
HOW TO USE THIS CATALOG	ix, O35, P13
DECORA DEVICES	A
HOME AUTOMATION PRODUCTS—DECORA HOME CONTROLS (DHC)	B
AC SWITCHES	C
STRAIGHT BLADE RECEPTACLES	D
COMBINATION DEVICES	E
GFCI PERSONNEL PROTECTION DEVICES	F
WALLPLATES	G
STRAIGHT BLADE PLUGS AND CONNECTORS	H
PIN AND SLEEVE DEVICES	I
LOCKING DEVICES	J
SINGLE POLE CAM-TYPE CONNECTORS	JJ
CORROSION RESISTANT DEVICES	K
LAMPHOLDERS	L
APPLIANCE SWITCHES	M
ELECTRICAL ACCESSORIES	N
LIGHTING AND FAN SPEED CONTROLS	O
OCCUPANCY SENSOR LIGHTING CONTROLS	P
WIRE MESH SAFETY GRIPS	Q
SURGE PROTECTIVE DEVICES	R
MULTIMEDIA STRUCTURED CABLING SYSTEMS	S
STRUCTURED MEDIA COMPONENTS	T
TECHNICAL INFORMATION	U
CATALOG NUMBER INDEX	Index Pages 1–17

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Quick Reference Index

Adapters
- Decora/Dimmer — A36, G39, O29
- Decora/GFCI — A36, F3, G39
- Four-In-One Receptacle — D4
- Four-In-One Portable Boxes — D4
- Grounding — N1, N2
- Outlet — N1, N2
- Socket — L7, N2, O31

Aluminum Wire Devices — C13, D15
Appliance Switches — M1–M4
Architectural Lighting Control Systems — O2–O8
Child Protection Products — N3
Cam Connectors for Commercial and Industrial Use — JJ1–JJ37
Circuit Testers and Analyzers — B17, F5, N2
Clock hanger Receptacles — D3, D16
CO/ALR Devices — C13, D15
Combination Devices — A30, A31, E1–E3
Communication Wiring Devices — A32, S1–S52
Connectors (see Plugs and Connectors)
Corrosion Resistant Devices — K1–K5
Cover-Mounted Devices — D13, D14, H6, H15, J23, K4, K5
Covers, Flush Mount — F5, G36–G38, K2–K5
Decora Designer Line Devices — A1–A36, B3, B4, B10–B13, B15, F2, G2–G12, G21, G23, G24, G26–G29, O9–O15, O19–O23, O25–O28, O32, O33
Decora Plus Devices — A2–A5, A9, A10, A27, A28, A32–A34, G2
Decora Home Controls — B1–B17
Fan Speed Controls — A18, A19, A22–A25, O9, O15, O17, O20, O21, O25–O29
Flanged Inlets and Outlets — H2, H3, J2–J13, J17–J19
Fluorescent Energy Management System – Centura™ — P3, P4
Ground Fault Circuit Interrupters — A13, A14, E3, F1–F5
GFCI Cordsets/Extension Cords — F4
Home Automation Products — B1–B17
Lampholders
- Overview — L1
- Ball and Chain Accessories — L3
- Compact Fluorescent — L16–L19
- Fixture — L2–L11
- Fluorescent — L12–L15
- Incandescent — L1–L11
- Metal Shell — L4
- Mogul — L6
- Outlet Box (Ceiling) — L2–L3
- Socket Extensions — L7
- Snap-In — L8
- Surface Mounted — L7
- Weather-Resistant (Outdoor) — L11

Lighting Controls
- Architectural Systems — O2–O8
- Architectural Rotary & Slide — O9–O18
- DALI Controls — O8
- Decora Electronic Timers — A27, A28, O32, O33
- Decora 911 Emergency Flasher Switch — A26, O30
- Decora Four-Level Step — A26
- Decora Home Controls — B1–B17
- Decora Rocker-Style — A16–A19, O19–O21
- Decora Slide — A22, A25, O25–O28
- Decora Touch — A20, A21, O22, O23
- Dimmer Knobs — O29
- Feed-Through — O31
- Fluorescent — A16–A20, A22, A24, A25, O8–O22, O25, O27, O28
- Incandescent — A16–A29, O1–O34
- Lamp Socket and Cord Dimmers — O31
- Low Voltage — A16–A25, O9–O28
- Occupancy Sensors — A29, P1–P12
- Scene Lighting Controls — A16, A17, O9–O11, O19
- Timed Lighting Control Panels — O34
- Toggle — O30
- ToggleTouch™ — O24
- Trimatron Rotary — O29

Locking Devices — J1–J23, K1–K5
Multimedia Structured Cabling Systems
- Cable Management — S42–S46
- Connectors, Wallplates & Housings — S1–S21
- Copper Components (Patch Panels & Blocks) — S22–S34
- Fiber Components — S35–S41
- Tools & Accessories — S47–S52

Night Lights — N3
Occupancy Sensors
- Overview — P1
- **Multi-Tech**
- Ceiling Mount — P6
- Wall Mount — P9
- **Passive Infrared**
- Ceiling Mount — P8
- Decora Wall Switch Sensors — A29, P2
- Dual-Relay Decora Wall Switch Sensor — A29, P2
- Wide-View Wall Mount — P10
- High-Bay Wall Mount — P10
- Outdoor Motion Sensor — P12
- Self-Contained Ceiling Mount — P5
- **Power Packs** — P11
- **Ultrasonic Ceiling Mount** — P7

Outdoor Devices (see also Corrosion Resistant Devices)
- Covers — F5, G35–G38, K2–K5
- Integrated Inlets and Outlets with Covers — H6, H15, J23
- Lampholders — L11
- Plug & Connector Boots — H3, J20, K2–K5
- Raintight-While-In-Use — F5, G35
- Wetguard™ Devices — H4, J14–J16

Outlets (see Receptacles)
Outlet Box Lampholders (see Lampholders)
Pilot Lights
- Combination Devices—Pilot Light & Switch — A5, A7, E1, E2

Pin and Sleeve Devices
- Accessories — I21
- Back Boxes — I20
- International-Rated — I15–I19
- Mechanical Interlock — I9–I14
- North American Watertight — I1–I8
- Safety Disconnect Switch — I23–I27

Plugs and Connectors
Overview — H1, H10
- Angle — H2–H5, H7–H11, H13
- Armored — H10–H12

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

- Corrosion Resistant ____ K1–K5
- Dual Power ____ H13
- Flanged Inlets & Outlets ____ H2, H3
- Grounding Plugs & Connectors ____ H2–H13, H15
- Hospital Grade ____ H2, H3, H5
- Locking ____ J1-J23, K2–K5
- Motor Base Inlets & Outlets ____ H11
- Non-Grounding Plugs & Connectors ____ H7–H9, H13, H14
- Parallel Plugs & Connectors ____ H14
- Python™ Hinged Plugs and Connectors ____ H5
- Straight Blade ____ H2–H15, K2, K3
- Wetguard™ Plugs and Connectors ____ H4, J14–J16
- Weather-Resistant Boots ____ H3, J20, K2–K5

Power Quality
- Surge Protective Devices ____ A12, D4, R1–R20
- Uninterruptible Power Supply Devices ____ R21, R22

QuickPort® Snap-In Modules ____ A32, S1–S9, S13–S15, S19

Receptacles
- 2-Pole, 2-Wire ____ D16
- 2-Pole, 3-Wire ____ A9–A14, D2–D6, D8, D11–D16
- 3-Pole, 3-Wire ____ D6, D9, D14
- 3-Pole, 4-Wire ____ D7, D9, D10
- 4-Pole, 4-Wire ____ D5, D7, D10
- CO/ALR ____ D15
- Combination ____ A30, A31, E1–E3, F1, J23
- Corrosion Resistant ____ K1–K5
- Cover-Mounted ____ D13
- Decora Designer Style ____ A8–A14
- Decora Plus ____ A9, A10
- Dual Voltage ____ A10, D3, D12
- Floor ____ D13, D14
- Four-In-One ____ D4, R13
- Ground Fault Circuit Interrupter ____ A13, A14, F1, F2
- Grounding ____ A9–A12, D1–D16
- Hospital Grade ____ A9, A12, D2, D4
- Isolated Ground ____ A9, A12, D2, D4
- Lighted ____ A19, D2
- Locking ____ J1-J23, K1–K5
- Pigtail ____ D13
- Polarized ____ D16
- Quickwire Push-In ____ D15
- Range and Dryer ____ D5–D10
- Short Strap ____ D13
- Snap-In ____ D16
- Surge Suppressor ____ A12, D4, R12, R13
- Tamper Resistant ____ A9, D2, D13, N3
- T-Slot ____ D16

Snap-In Devices ____ D16

Structured Media Components
- Audio/Video Distribution ____ T19–T22
- Home Security Monitoring ____ T16–T18
- Multi-Location Audio ____ T23–T26
- Networking ____ T12
- System Packages ____ T1–T3
- Video Distribution ____ T13–T15

Surface Devices ____ N1

Switches
- Overview ____ C1, C10
- AC Quiet Toggle ____ C1–C13
- Appliance ____ M1–M4
- Canadian Decora Plus Rocker ____ A33
- Canadian 347V Toggle ____ C2, C11, C12
- CO/ALR ____ C13
- Decora Combination Devices ____ A30, A31
- Decora ____ A2–A7
- Decora Electronic Timer ____ A27, A28, O32, O33
- Door Jamb ____ M2
- Grounding ____ A3–A7, A33, C1–C13
- Illuminated (Lighted Handle) ____ A5, A7, C3, C12, C13
- Imprinted ____ A7
- Key-Lock Power Type ____ C9
- Momentary and Maintained Contact ____ A4, C4
- Motor Starting ____ C6
- Pilot Light ____ A5, A7, C3
- Quickwire Push-In ____ A6, A7, C13
- Safety Disconnect ____ C7, C8
- Surface Mount ____ C12
- Time Delay ____ A27, O32
- Welder Starting ____ C6
- 911 Switch ____ A26, O30

Taps ____ N1, N2

Temporary Portable Power Distribution Center/GFCI (The Box) ____ F5

Tools & Test Equipment (Voice & Data) ____ S47–S52

Uninterruptible Power Supply Devices ____ R21, R22

Wallplates

Wallplates
- Adapters ____ A36, F3, G39
- Child-Resistant ____ N3
- Custom ____ G40–G43
- Decora Designer Style ____ A34–A36, G2–G5, G2–G12, G23–G26, G29–G40
- Decora Plus ____ A34, G2
- Engraved ____ G26
- GFCI (Hot Stamped) ____ G10
- Isolated Ground (Hot Stamped) ____ G9, G10
- Metal ____ A34, G4, G5, G13–G27, G31–G34
- Midway ____ A34, G5, G10–G12, G28–G30
- Monet™ Multi-Gang ____ O13
- Nylon Rough-Duty ____ A34, G2, G3, G5–G12
- Oversized ____ G31–G34
- Plastic ____ A35, A36, G13-G26, G28–G34
- Range and Dryer ____ G7, G12, G20
- Sectional ____ G25
- Voice/Data/CATV ____ A32, G7, G12, G17, G18, G21, G24, G25, G27–G29, G32, G41
- Wallplate Replacement Screws ____ A35, G39
- Weather Resistant Covers ____ F5, G35–G38, K2–K5

Wire Mesh Safety Grips ____ Q1–Q25

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Leviton...Building a Connected World

The Leviton Manufacturing Company has its origins at the dawn of the electrical era in1906. Originally engaged in the fabrication of mantle tips for gas lighting, the Company soon converted to production of a single electrical product—a pull-chain lampholder. Through the years, the Company has developed literally thousands of complementary products and devices. Additionally, the Company has acquired other industry-related companies, whose descriptions follow. Combining internal growth and development and acquisitions, Leviton presently offers a comprehensive line of electrical and electronic products to a vast spectrum of professionals and end-users.

The Leviton Manufacturing Company…

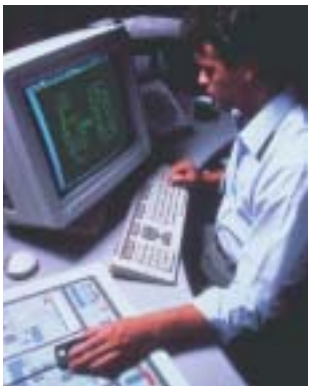
Leading the Electrical Industry for Nine Decades

With a growing legacy of hundreds of design patents, today Leviton's product offering comprises more than 25,000 distinct electrical and electronic wiring devices. The Company stands as a leader in the electrical industry as it serves industrial, commercial, OEM and residential markets through retail and distribution channels.

Pioneering Advances Building on nine decades of experience, Leviton's engineers, designers and researchers apply the latest technologies to the development of new products and product refinements that satisfy the needs of emerging new market segments. Equipped with the latest CAD/CAM design tools, direct model-making capability, and industry-leading R & D and testing facilities, Leviton continues to introduce premium specification grade devices, power-quality equipment, microprocessor controls, and a host of other new products that set the pace of progress in the industry.

Advanced Manufacturing Technologies

These electric and electronic devices are produced in Leviton factories throughout North America. Employing vertically-integrated manufacturing, the Company fabricates virtually all parts for the devices it produces. This assures unmatched quality not only in finished products but also in components and subassemblies.



Industrial robotics and automated assembly improve the manufacturing process dramatically. Production times are measured in minutes, and often in seconds. Quick product change-overs to accommodate rapid changes in market requirements can be carried out efficiently to keep Leviton at the leading edge of responsiveness.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

World-Class Quality

State-of-the-art manufacturing also enables the Company to harness automated production technologies that facilitate zero-defect factory output in combination with lower costs of manufacture.

Leviton's Quality Assurance team has instituted an innovative inspection program applying statistical process controls. Component parts and subassemblies are checked at every step to ensure that finished devices are perfect. In addition, Leviton is using UL as a registrar to secure ISO registration for all its manufacturing plants, warehouses and office facilities.

Setting the Standard for Service

The hallmark of Leviton's leadership is customer satisfaction. A centralized Customer Service staff brings its resources to bear for maximum efficiency. With computerized pricing and order information on line, EDI has been implemented to provide instantaneous, open electronic data exchange with all customers in the link.

Leviton's warehousing facilities are strategically located throughout North America and equipped with state-of-the-art materials handling technologies. All are interlinked by a computerized network that provides outstanding turnaround and order fill for customers nationwide. Combined with electronic data exchange, the distribution centers are the cornerstone of speedy, efficient product supply and VMI services to satisfy a broad array of customer needs.

Powerful Marketing Maximizes Opportunity

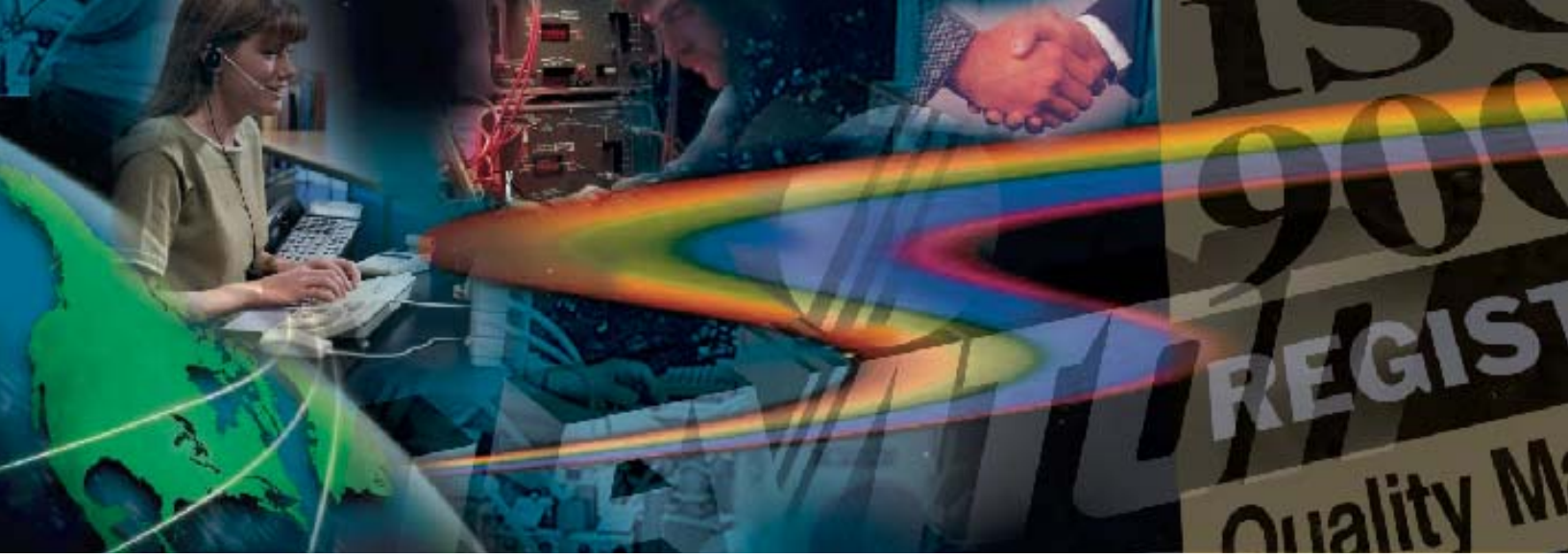
Leviton goes to market in the Consumer, Distribution and OEM channels. Each has a dedicated Marketing division applying its depth of expertise to identify opportunity in new and existing markets for creating strong sales volume, increased share of market and sustained profitable growth.

Leviton offers comprehensive marketing and merchandising support that include advertising, collateral materials, sales aids, incentive programs, award-winning merchandising systems, promotions and in-depth training.

Versatility, Quality, Leadership The Keys to Future Growth

From its origin, Leviton has been at the forefront of progress and innovation within the electrical industry. The Company sustains this legacy with a continuing commitment to pioneering new technologies, implementing enlightened business policies, and providing outstanding responsiveness. No matter which markets our customers serve, they are well-served by Leviton.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Leviton...
The Company Behind the Product

Leading with Products, Programs and Service

Leviton remains the number one choice of specifying engineers, architects, electrical contractors and the other electrical professionals we've been serving for more than nine decades. Leviton has set the highest levels of quality and efficiency as our standard in all aspects of our organization, from design to delivery. Our aim is to be an indispensable ally to those we serve in order to meet all market, technical and service challenges successfully and profitably.

The Leviton Family of Companies is backed by technical service, quality assurance, engineering, manufacturing, research and development, testing facilities and market representation. This combination of expertise and personal commitment have earned Leviton a well-deserved worldwide reputation for quality, precision and reliability. The L-504 catalog reflects Leviton's commitment to support traditional markets along with identification and penetration of emerging markets. Leviton offers an extensive line of rugged high-performance Industrial Specification Grade devices to satisfy the no-compromise needs of industrial users. Also listed is an enlarging line of new and improved electrical devices for commercial and residential applications.

State-of-the Art Engineering

At the core of Leviton's operation is its Engineering Department. Equipped with the latest CAD/CAM design, direct model-making capabilities and industry-leading research and testing facilities, this creative force has supplied Leviton with a premier line of Industrial Specification Grade devices, lighting controls, surge protective (TVSS) devices, and many other new products included in this edition of the L-504.

Advanced Manufacturing Technologies

The outstanding work performed by our engineers becomes evident on the production line. Leviton continues to hone its leading edge by implementing lean, efficient and flexible manufacturing methods in its plants worldwide. Industrial Robotics and automated assembly improve manufacturing efficiency dramatically. Production times are now measured in minutes and, in some cases, even seconds. Quick product change-overs, to accommodate rapid changes in market requirements, are being made possible with the implementation of flexible tooling. Manufacturing responsiveness is the wave of the future — yours and ours.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ISO 9001 Certified Quality Manufacturer

The ISO 9001 standard defines system requirements that a company must meet in order to assure customers of a competitive product. As part of Leviton's commitment to total quality, all Leviton manufacturing facilities are ISO 9001 Certified.

Six Sigma Quality Improvement

Six Sigma is an integral part of Leviton's commitment to continuous improvement in productivity and customer satisfaction. It is a process that leads to major and measurable quality enhancements in all phases of manufacturing. The goal of Six Sigma is to achieve a performance standard of 99.9997%, which is defined as 3.4 defects per 1 million opportunities.

Prompt Coast-To-Coast Distribution and Customer Service

Leviton assures the timely delivery of its products through an extensive network of plants and distribution facilities throughout North America. Leviton customer service representatives are dedicated professionals committed to making sure you receive the best possible service. They utilize the latest computer equipment and service technologies, including voice mail, a 24-hour FAX line (1-800-832-9538), and an 800-number tech line (1-800-824-3005).

Industry-Leading Marketing and Sales

Since 1970, the Leviton Marketing team has devoted its efforts to monitoring crucial developments and trends and allocating the necessary resources to capitalize on profitable opportunities. Leviton is now committed to helping you serve profitable, rapidly emerging niche markets. We are developing the necessary tools, such as informative literature and new business techniques, to help assure our mutual success. The Leviton Sales organization is devoted to providing you with outstanding service. All sales representatives have a full arsenal of resources at their disposal. They have the authority to be responsive problem solvers and speedy decision makers in the field. They have earned the confidence of their management through the consistent display of professionalism and good judgement, primary qualifications for a dynamic sales team.

Leviton and Your Future

Leviton has developed a wide range of resources and continues to advance on all fronts to meet the challenge of a rapidly changing world. You are encouraged to take full advantage of all that Leviton has to offer. Together, we can secure the full potential that the future holds for all of us. Our aim is to do it right the first time, every time, and we are committed to providing you with the finest products and services to make that vision a reality.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

American Insulated Wire

American Insulated Wire Corporation, a Leviton company since 1937, has been a leading national manufacturer and supplier of electrical and electronic wire, cable, and cord since 1924. To meet customer needs, American serves three markets — Electrical Distribution, OEM, and Telecommunications — through our manufacturing sites, located in South Attleboro, Massachusetts; Pawtucket, Rhode Island; Coffeyville, Kansas; and strategically located warehouses throughout the United States.

American manufactures and supplies thermoset and thermoplastic types of wire, cable, cord, and cord set products for commercial, industrial, residential, institutional, OEM, utility and telecommunications use — almost anywhere there's a need for electricity. Our products are classified into seven product lines including, building wire, control and instrumentation cable, cord sets/power supply cord, electronic cable, portable cord/cable (featuring Mustang® spec grade portable cord), power cable, and telecommunication cable. Most of these are stock items. However, we have the ability to specially custom design or engineer wire, cable and cord to meet customers' specifications or requirements.

American Insulated Wire holds a very simple corporate philosophy: provide unparalleled personal service and manufacture the highest quality product to meet customers' needs at a competitive price. The company meets this fundamental principle through its:

- Vertically integrated manufacturing
- Rigorous quality program
- Manufacturing Resource Planning (MRP II)
- Technical expertise
- Customer service

Today, the company employs the latest in technology and systems available to insure a quality product.

American is an ISO 9001 company; American's Northeastern facilities were ISO 9001 registered in 1994 by Underwriter's Laboratories, Inc.

For product, corporate or contact information, visit our website at www.aiwc.com.

Leviton Integrated Networks™

The information and communication revolution will have as much an impact on America's homes and businesses as did the electrical revolution on the 20th century. To fully enable the modern home, Leviton developed Leviton Integrated Networks™ as the upgrade path to the future.

Leviton Integrated Networks' Structured Media™ components and systems deliver the bandwidth and speed needed to distribute voice, data, audio and video in today's home or home office. As an ISO 9001 certified manufacturer, the new division offers an innovative series of modules and media centers flexible enough for pre-configured essential platforms or more customized enhanced platforms. Whether it's as simple as distributing cable TV and telephone in several rooms or installing a whole-house security-monitoring network, Leviton Integrated Networks allows you to create the right infrastructure with category-rated cabling and state-of-the-art components.

Leviton Integrated Networks offers installers the opportunity to gain a competitive advantage through a Comprehensive Certification Program, which includes seminars on job planning and installation skills. In addition, Builder Programs offer marketing and sales support that helps everyone understand the benefits of home systems.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Voice & Data Division

Leviton Telcom and Leviton Fiberoptic Technologies have joined forces to become the Leviton Voice & Data Division. Now, two industry innovators you depend on for award-winning fiber and copper solutions have been brought together in one division. The newly created Voice & Data Division is the single, reliable industry leader that can meet all of your networking needs: Fiber and Copper Systems; Voice, Data, Audio and Video Connections; Frame-to-Frame Solutions; and Horizontal and Backbone Infrastructure.

Backed by nearly a century of wiring device experience, Leviton Voice & Data offers on-site product design and automated assembly in an ISO 9001 registered, state-of-the-art manufacturing facility. As an active member of industry regulatory and standards bodies, including TIA and BICSI, you are assured top performance and standards compliance. You benefit from the convenience of one-stop shopping for connectivity products that support a full range of applications and requirements.

All Leviton Voice & Data products offer installer- and user-friendly design features. We provide excellent support with highly trained application engineers who have extensive experience as installers and system designers in the premise wiring industry. In addition, Registered Communications Distribution Designers (RCDD's) are on staff to ensure that product development reflects industry standards.

Lighting Control Division

Lighting control technology is evolving at an ever-increasing pace as your customers demand products and systems that deliver sophisticated control options, energy-conservation and cost-savings. The Leviton Lighting Control Division now offers architects, electrical engineers, lighting designers, interior designers and contractors a single source for all lighting controls and energy management products.

The Leviton Lighting Control Division combines the innovation and experience of NSI and Colortran with Leviton's ninety years of manufacturing expertise. Our highly skilled engineers and designers use the latest high-tech systems (CAD, CAE) to custom design site-specific Architectural Lighting Control Systems. Leviton meets the challenge of any size application, including: theaters, concert halls, sports arenas, convention centers, universities, hotels, libraries, hospitals, houses of worship and more. Leviton box-mounted lighting controls are available with a wide range of design features, including all-digital controls and scene lighting capability to meet the needs of modern interiors. The Lighting Control Division also takes the lead in advanced energy management products, including occupancy sensors, electronic timers, and relay-based lighting control systems. Our innovative new fluorescent energy management control system is in the vanguard of energy-savings and task-lighting products for the modern office.

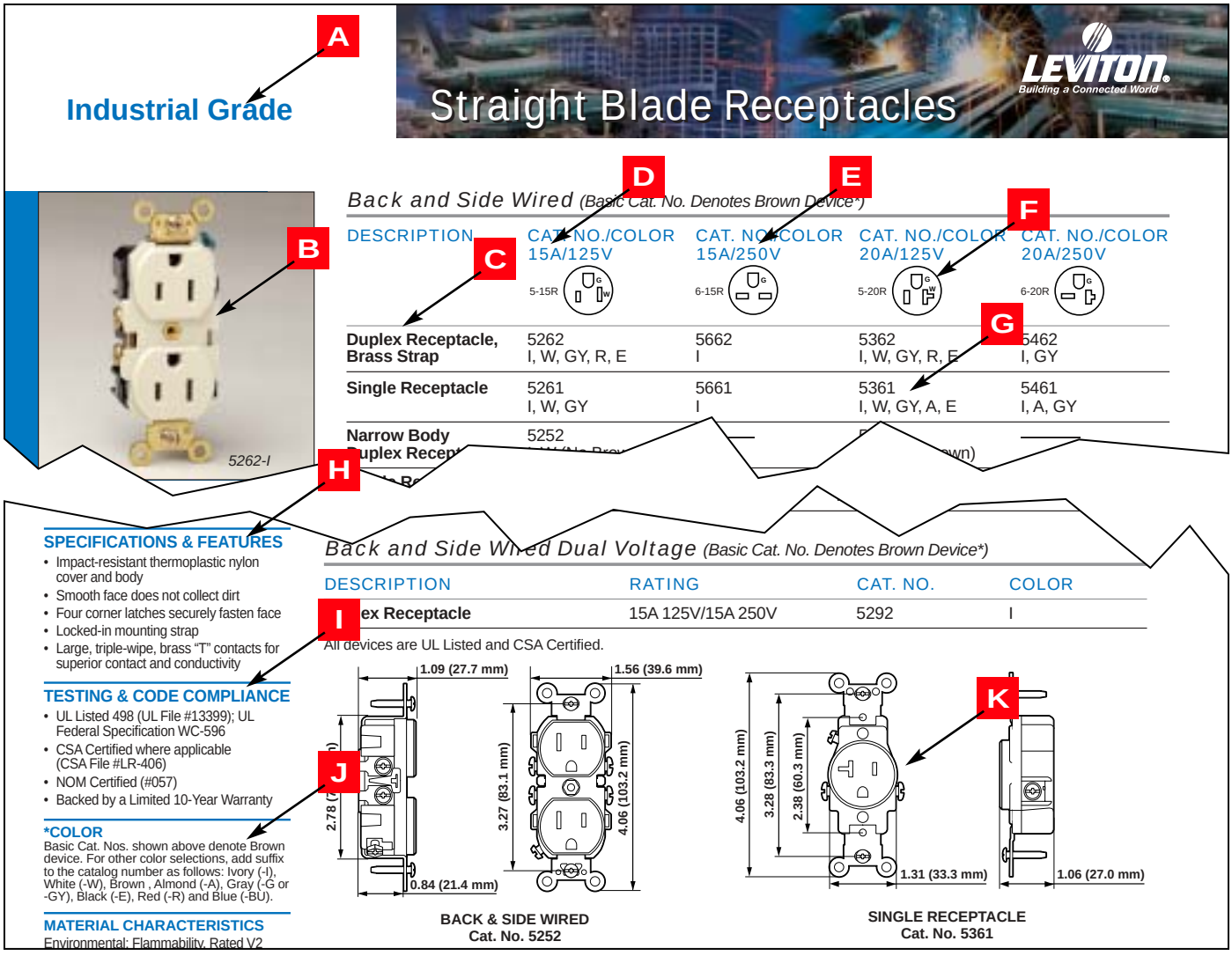
All Leviton lighting control products meet or exceed the most demanding industry standards. ISO 9001 Certification ensures that all products comply with the most rigid manufacturing standards. In addition to world-class quality, Leviton lighting controls offer step-by-step instructions that are easy to read and easy to use.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How To Use This Catalog

This edition of the Leviton Wiring Device Catalog has been re-designed to help you find the device you're seeking in the quickest and easiest way possible. To achieve this, each Section (A, B, C, etc.) has been divided into three distinct portions in the following sequence—Industrial Grade first, Commercial Grade second, Residential Grade third—and grouped according to their amperage and voltage, lowest to highest. (Some product classes may have slight differences.) If you need to place an order for any quantity of 15 Amp, 125 Volt, Industrial Grade duplex receptacles with back and side wiring, you would begin your search for the right Leviton product with the Table of Contents. Here you'll see that all receptacles are listed in Section D. Turning to Section D, you'll find that product descriptions now lead off each listing, so that you'll be able to understand what the device is about, functionally, in relation to your needs. Product description, in turn, is followed by Amps and catalog numbers for ordering purposes. To assist you further, such helpful highlights as Specifications & Features, Testing & Code Compliance, Color listing, Material Characteristics, color photos and dimensional drawings virtually fill each page. Four-color photographs have been added throughout the catalog to provide you with an enhanced view of the Leviton product line.

Any page in this L-504 Catalog can be used as a specificer sheet or as part of a presentation; and any page can be clearly faxed to customers and prospects. Product classes may also be pinpointed in the Quick Reference Guide following the Table of Contents. After turning to the proper page, you would locate the catalog number for the item that corresponds to your needs, along with basic information about similar items. Wiring diagrams, NEMA Configuration Charts, Electrical Industry Definitions, ANSI Architectural Symbols, and other related information can be found in the Technical Section (U). Specific product catalog numbers are listed in the exhaustive index at the back of the catalog.



A Choose GRADE, if appropriate

B PHOTOGRAPH

C Check for SINGLE or DUPLEX

D Find AMPERAGE

E Select RATING and WIRING

F Check for NEMA CONFIGURATION

G COLOR ABBREVIATIONS

H SPECIFICATIONS & FEATURES

I TESTING & CODE COMPLIANCE

J COLOR LISTING

K DIMENSIONAL ILLUSTRATIONS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora® Devices

Leviton's Decora designer line of wiring devices adds contemporary styling to any residential or commercial application. Decora Devices are built to the highest performance standards to provide a long, trouble-free service life. The Decora Devices line represents a broad selection of switches, receptacles, surge suppressor receptacles, SmartLock™ GFCI receptacles, lighting controls, occupancy sensors, fan speed controls, combination devices, wall jacks and wallplates.

General Overview ____ A1
Decora Switch Overview ____ A2
COMMERCIAL GRADE SWITCHES
Decora Plus AC Quiet Rocker Switches ____ A3
Decora Plus Momentary and Maintained Switches ____ A4
Decora Plus Illuminated and Pilot Light Switches ____ A5
RESIDENTIAL GRADE SWITCHES
Decora AC Quiet Rocker Switches ____ A6–A7
Quickwire® & Side Wired ____ A6
Quickwire & Side Wired Illuminated, Pilot Light ____ A7
INDUSTRIAL AND COMMERCIAL GRADE RECEPTACLES
Decora Receptacles Overview ____ A8
Decora Plus Receptacles ____ A9–A10
Back & Side Wired ____ A9
Engraved Wallplates for IG Devices ____ A9
Back & Side Wired, Self Grounding ____ A10
Side Wired, Self Grounding ____ A10
RESIDENTIAL GRADE RECEPTACLES
Decora Quickwire® & Side Wired ____ A11
HOSPITAL AND INDUSTRIAL GRADE SURGE SUPPRESSOR RECEPTACLES
Decora Back & Side Wired ____ A12
SMARTLOCK™ GFCI RECEPTACLES
SmartLock Overview ____ A13
GFCI Receptacles ____ A14
Combination Switch/GFCI Outlet A14
Blank Face, Switch Rated ____ A14
DECORA LIGHTING & FAN SPEED CONTROLS
Decora Lighting Controls Overview A15
Mural™ Scene-Capable Digital Rocker Dimmer ____ A16 - A17
Mural™ L/S Digital Preset/Rocker Dimmer ____ A18
Mural™ Digital Rocker Dimmer ____ A19
TouchPoint™ Digital Touch-Pad Dimmer ____ A20
True Touch™ Digital Touch Dimmer ____ A21
IllumaTech™ Preset Slide Controls ____ A22
IllumaTech™ Rotary Controls ____ A23
IllumaTech™ Non-Preset Slide Controls ____ A24
SureSlide™ Lighting & Fan Speed Controls ____ A25
Decora Four-Level Step Dimmer ____ A26
Decora 911 Flasher Switch ____ A26
Decora Plus Electronic Timer Switches ____ A27
Decora Time Delay Switches ____ A27
Decora Plus Programmable Timer and Variable Countdown Switches ____ A28
Decora Occupancy Sensor Wall Switches ____ A29
COMMERCIAL GRADE DEVICES
Decora Combination Devices ____ A30–A31
Decora Voice/Data/Video Devices ____ A32
Type 625 Telephone Wall Jacks ____ A32
F Connector Wall Jacks ____ A32
Voice/Data with QuickPort® Modules ____ A32
Decora Plus Canadian 347VAC Quiet Rocker Switches ____ A33
Canadian 347V Midway Nylon Wallplates ____ A33
DECORA PLUS WALLPLATES
Screwless Snap-On ____ A34
Nylon ____ A34
Metal ____ A34
DECORA WALLPLATES
Standard Size Plastic ____ A35
Midway Size Plastic ____ A35
Replacement Screws ____ A36
Standard Size Plastic Adapters ____ A36
Decora Plus Standard Size Plastic Adapters ____ A36

SECTION A

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade
Decora Devices

LEVITON
Building a Connected World

Features and Benefits

- Decora Devices are engineered for beauty, versatility and durability.
- All Decora Plus Commercial Grade devices feature heavy-duty construction.
- Decora Lighting Controls offer the lighting design professional a comprehensive selection of Decora lighting and fan speed controls.
- All Decora devices meet or exceed applicable UL, CSA and NOM testing standards.
- Backed by a Limited 10-Year Warranty

Decora Colors

Decora devices are offered in a wide range of colors and finishes, which includes Mahogany Brown, Ivory, White, Almond, Gray, Red and Ebony (Black). A selection of metal Decora wallplates comes in aluminum, polished brass, brushed brass and satin-finish stainless steel. Clear Decora wallplates achieve a seamless finish for your elegantly papered and textured walls.

Almond | White | Ivory

Gray | Red | Ebony (Black)

Brushed Brass | Polished Brass | Stainless Steel

Aluminum | Clear | Mahogany Brown

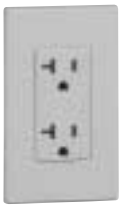
Decora® Devices Add an Air of Distinction to Fine Interiors Everywhere

Decora Switches

A complete range of single pole, double pole, 3 and 4-way switches in both residential and commercial grades.

Cat. Nos. 5691-2E, 5621-2W

Decora Receptacles



A broad selection of amperages and NEMA configurations in Industrial, Commercial and Residential grades with an array of colors from which to choose.

Cat. No. 16352-GY

Decora Illuminated Switches

Pilot Light, Illuminated Rocker, Maintained and Momentary Contact versions.

Cat. No. 5631-2A, 5628-2I

Decora Hospital Grade Receptacles

Leviton's selection includes Isolated Ground, Tamper Resistant, Surge Protected, GFCI and Power Light™ versions

Cat. No. 16262-IGR

Decora Combo Devices

Compact design fits dual or triple switch, switch/receptacle, or switch/GFCI receptacle into standard wallboxes.

Cat. No. No. 8299-W

Decora Lighting Controls

Leviton makes a comprehensive selection of Decora lighting controls for incandescent, low-voltage and fluorescent lamp types with advanced lighting control technologies.

Cat. No. MDI06-1LW

Fan Speed Controls

Decora Fan Speed Controls provide convenient operation of ceiling, attic, kitchen and bathroom fans for maximum comfort and efficiency.

Cat. No. IPF05-1LW

Decora Communications Wiring Devices

Pre-configured and field-configurable jacks accommodate Decora wallplates, complementing other Decora wiring devices, and fit in standard NEMA wallboxes.

Cat. No. 41658-W

To learn more about Leviton's outstanding offering of devices visit our Website at: http://www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

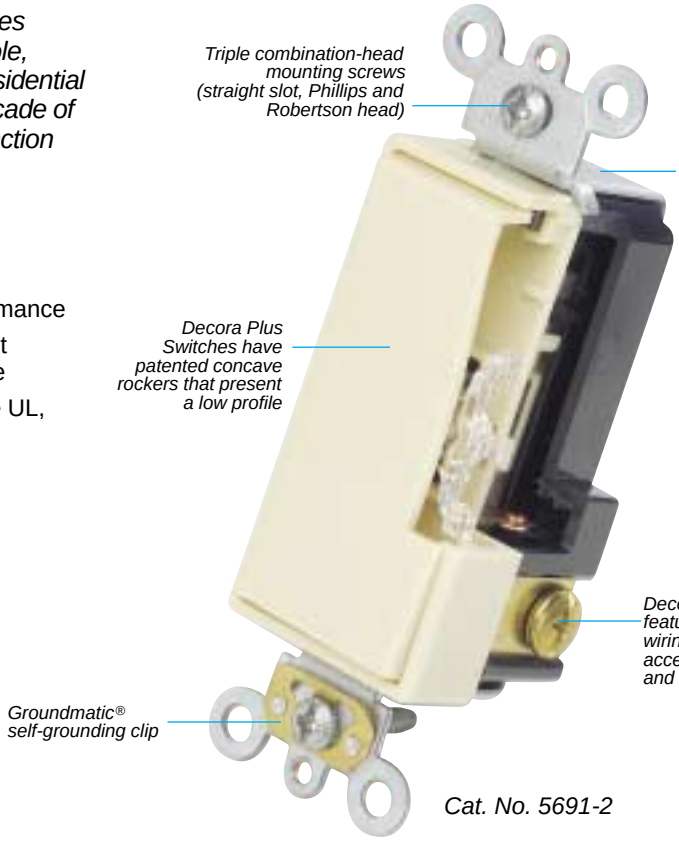
DECORA PLUS Devices

LEVITON
Building a Connected World

Leviton's Decora line of designer-style switches are available in a complete range of single pole, double pole, 3 and 4-way switches in both residential and commercial grades. They come in a cascade of contemporary shades and add an air of distinction and value to contemporary commercial and residential design schemes.

Features and Benefits

- Engineered for fine tolerances and top performance
- Decora Plus Switches feature impact resistant thermoplastic construction for long service life
- All Decora devices meet or exceed applicable UL, CSA and NOM testing standards



Cat. No. 5691-2

Decora® Switches Enhance Every Interior

Decora Plus

A complete range of rugged Commercial Specification Grade single pole, double pole, 3 and 4-way switches.

Cat. Nos. 5621-2A, 5691-2A

Illuminated

Rocker lens is illuminated when load is OFF.

Cat. No. 5631-2I

Pilot Light

Rocker lens is illuminated when load is ON.

Cat. No. 5628-2E

Momentary Contact

Combines Decora styling and rugged construction for momentary contact closure (single-pole, double-throw, center OFF switching).

Cat. No. 5657-2A

Maintained Contact

Rugged Decora styling for maintained contact closure (single-pole, double-throw, center OFF switching).

Cat. No. 5685-2E

Residential Grade

Engineered for smooth, quiet operation and a long trouble-free service in fine residential interiors.

Cat. No. 5601-2IM

Electronic Timer

Four preset buttons permit selective time control of lights and appliances. Ideal for outdoor lights, spas, Jacuzzis and fans.

Cat. No. 6515M-W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS AC Quiet Rocker Switches

LEVITON Building a Connected World

5691-2GY in 80301-GY

Back and Side Wired 120/277V AC

DESCRIPTION	15 AMP	20 AMP	ROCKER & FRAME COLOR* Basic Cat. No. Denotes Mahogany
Single-Pole	5691-2	5621-2†	I, W, A, GY, E
Double-Pole	———	5622-2	I, W, A, GY, E
Three-way	5693-2	5623-2†	I, W, A, GY, E
Four-way	———	5624-2	I, W, A, GY

†Available in Red (-R)

SPECIFICATIONS & FEATURES

Back and Side Wired

- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- New architecturally-styled smooth-action concave rocker
- Heavy-duty impact-resistant thermoplastic construction for long service life in commercial applications
- Two ground connection options: a green grounding screw and a self-grounding clip
- For Canadian 347V Decora Plus Switches, see page A33

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Compliance with the latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

*COLOR

Back and Side Wired
Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY), Black (-E), Red (-R).

Imprinted Decora Switches
Custom orders available in Ivory (-I), White (-W).

HORSE POWER

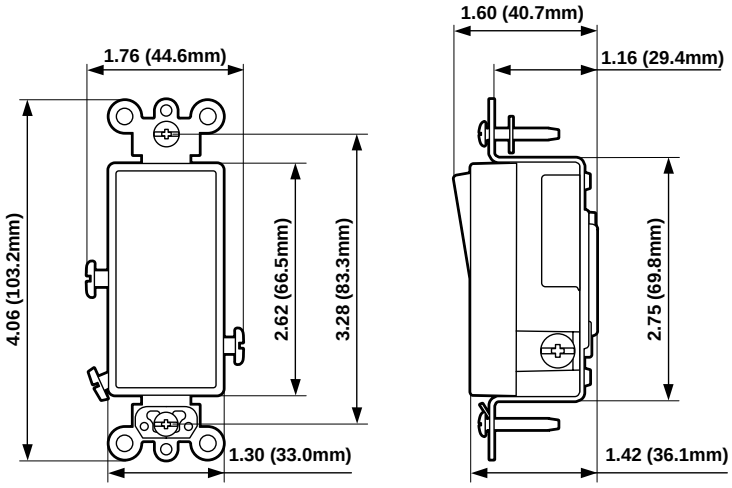
15A	20A
½ @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.



SINGLE POLE
Cat. Nos. 5621-2 & 5691-2

THESE DIMENSIONS APPLY TO ALL SWITCHES ON THIS PAGE

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Momentary and Maintained Switches

LEVITON Building a Connected World

Back and Side Wired Momentary Contact 15 AMP 120/277V AC

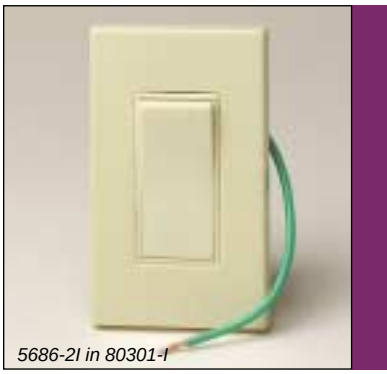
DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
Single Pole, Double Throw, Center OFF	5657-2	I, W, A, GY, E

Back and Side Wired Maintained Contact 15 AMP 120/277V AC

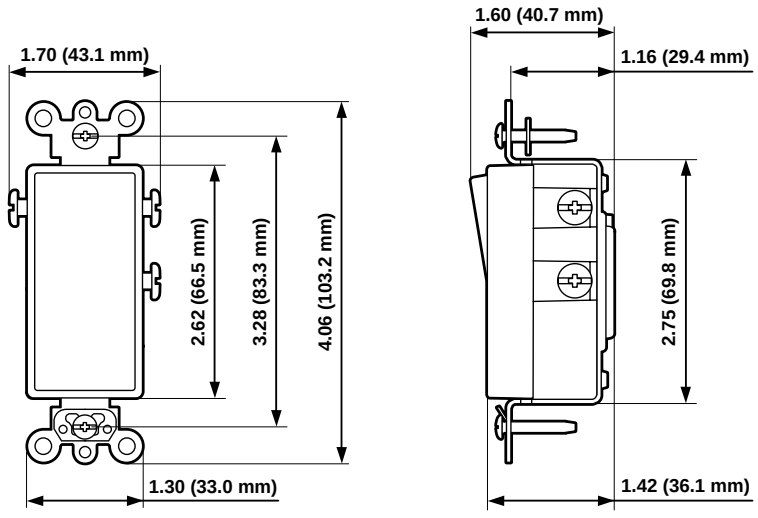
DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
Single Pole, Double Throw, Center OFF	5685-2	I, W, A, GY, E
Double Pole, Double Throw, Center OFF	5686-2	I, W, A (No Mahogany)

All devices are UL Listed and CSA Certified.

5686-2W in 80301-W



5686-2I in 80301-I



SINGLE POLE
Cat. Nos. 5657 and 5685

THESE DIMENSIONS APPLY TO ALL SWITCHES ON THIS PAGE

SPECIFICATIONS & FEATURES

- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Wrap-around heavy-gauge strap with locking tabs for added strength
- Back and side-wiring terminals accept both solid and stranded wire to ease installation

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Meets requirements of latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY), Black (-E).

HORSE POWER

15A
½ @ 120V
2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Illuminated and Pilot Light Switches

LEVITON Building a Connected World

5631-2W in 80301-W

5628-2A in 80301-A

20 AMP Back and Side Wired Illuminated (Illuminated when load is OFF—Does not require a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole, 120V AC	5631-2	I, W, A, E
Three-way, 120V AC	5633-2	I, W, A
Single-Pole, 277V AC	5649-2	I, W
Three-way, 277V AC	5659-2	W

20 AMP Back and Side Wired Pilot Light (Illuminated when load is ON—Requires a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single Pole, 120V AC	5628-2	I, W, A
Three-way, 120V AC	5638-2	I, W, A
Single Pole, 277V AC	5629-2	I, W
Three-way, 277V AC	5639-2	W

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- 20A, 120 and 277V single-pole and 3-way versions
- Pilot Light rocker visible when ON even in bright light
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- Two ground connection options: a green grounding screw and a self-grounding clip

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Compliance with the latest Federal Specification WS-896
- Backed by a Limited 10-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Black (E).

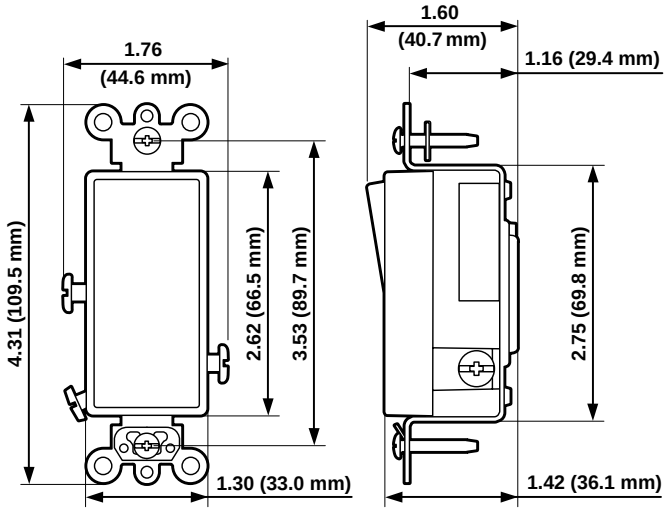
HORSE POWER

20A
1 @ 120V
2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C



THESE DIMENSIONS APPLY TO ALL SWITCHES ON THIS PAGE

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade

Decora AC Quiet Rocker Switches

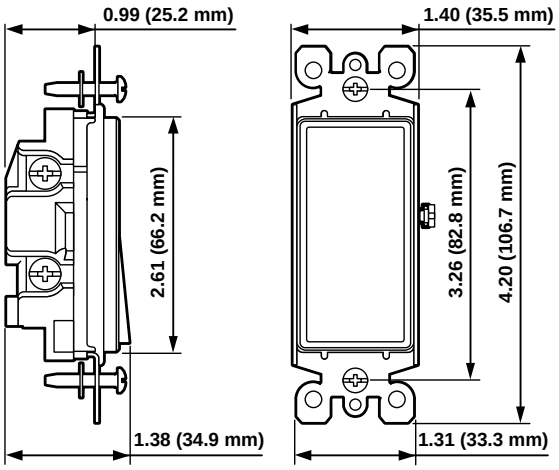
15 AMP Quickwire Push-In and Side Wired 120/277V AC

DESCRIPTION	CAT. NO.	ROCKER/FRAME COLOR*
Single-Pole	5601	Mahogany
	5601-I	Ivory
	5601-W	White
	5601-2A	Almond
	5601-2E	Ebony
	5601-2GY	Gray
Double-Pole	5602-2	Mahogany
	5602-2I	Ivory
	5602-2W	White
	5602-2GY	Gray
	5602-2A	Almond
	5602-2E	Ebony
Three-Way	5603	Mahogany
	5603-I	Ivory
	5603-W	White
	5603-2A	Almond
	5603-2E	Ebony
	5603-2GY	Gray
Four-Way	5604-2	Mahogany
	5604-2I	Ivory
	5604-2W	White
	5604-2A	Almond
	5604-2E	Ebony
	5604-2GY	Gray

Note: To order Decora rocker switches with grounding screw add suffix -2 (e.g. 5601-2I)
All devices are UL Listed and CSA Certified.

5601-I in 80301-I

5601-2GY in 80301-GY



DECORA AC QUIET ROCKER SWITCHES
Cat. Nos. 5601, 5602, 5603, 5604

SPECIFICATIONS & FEATURES

- Switch frame shields against dust and fits in wallplate to prevent rocker binding
- Side Wire and Quickwire (No.12 or No.14 copper or copper-clad wire) push-in terminal wiring options
- Sturdy construction for long service life
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Conform to all NEMA standard specifications

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Rocker/Frame colors available as listed.

HORSE POWER

15A
½ @ 120V
2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora AC Quiet Rocker Switches

5611-I in 80301-I

5618-2A in 80301-A

SPECIFICATIONS & FEATURES

- Illuminated Switch rocker illuminated when load is OFF
- Pilot Light switch rocker visible when ON even in bright light
- Switch border shields against dust and fits in wallplate to prevent rocker binding
- Side-wiring terminals accept both solid and stranded wire to ease installation
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Conform to all NEMA standard specifications

Imprinted Decora Switches

- Stock Decora switches available with choice of three imprints on rocker: FAN, DISPOSAL, OIL BURNER

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Quickwire and Side Wired – Illuminated and Pilot Light
For color choice add suffix as follows: Ivory (-I), White (-W), Almond (-A).

HORSE POWER

15A
½ @ 120V
2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Quickwire and Side Wired Illuminated 15 AMP 120/277V AC (Illuminated when load is OFF–Does not require a neutral wire)

DESCRIPTION	CAT. NO.	COLOR*
Single Pole	5611-I	Ivory
	5611-W	White
	5611-2A	Almond
Three-Way	5613-I	Ivory
	5613-W	White
	5613-2A	Almond
Four-Way	5614-2I	Ivory
	5614-2W	White
	5614-2A	Almond

Note: To order Decora rocker switches with grounding screw add suffix -2 (e.g. – 5611-2I)

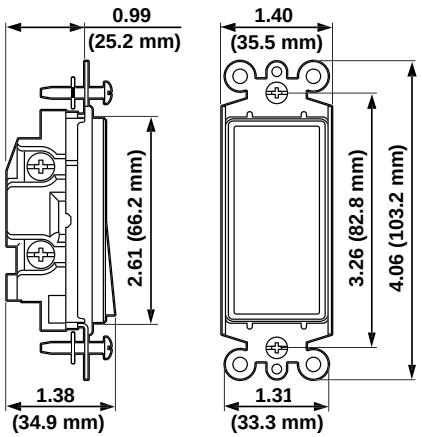
Quickwire and Side Wired Pilot Light 15 AMP 120V AC (Illuminated when load is ON–Requires a neutral wire)

DESCRIPTION	CAT. NO.	COLOR
Single Pole	5618-2	I, W, A

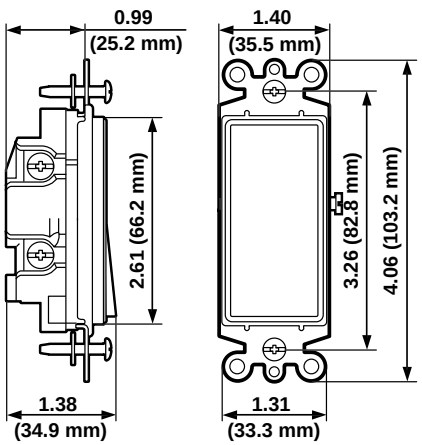
Quickwire and Side Wired Imprinted 15 AMP 120/277V AC

DESCRIPTION	CAT. NO.	STOCK MESSAGES AVAILABLE
Single Pole, Ivory, Stock or Custom Imprinted	5601-Z2I	FAN, DISPOSAL, OILBURNER
Single Pole, White, Stock or Custom Imprinted	5601-Z2W	FAN, DISPOSAL, OIL BURNER

All devices are UL Listed and CSA Certified.



ILLUMINATED
Cat. No. 5611



PILOT LIGHT
Cat. No. 5618-2I

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Industrial Grade

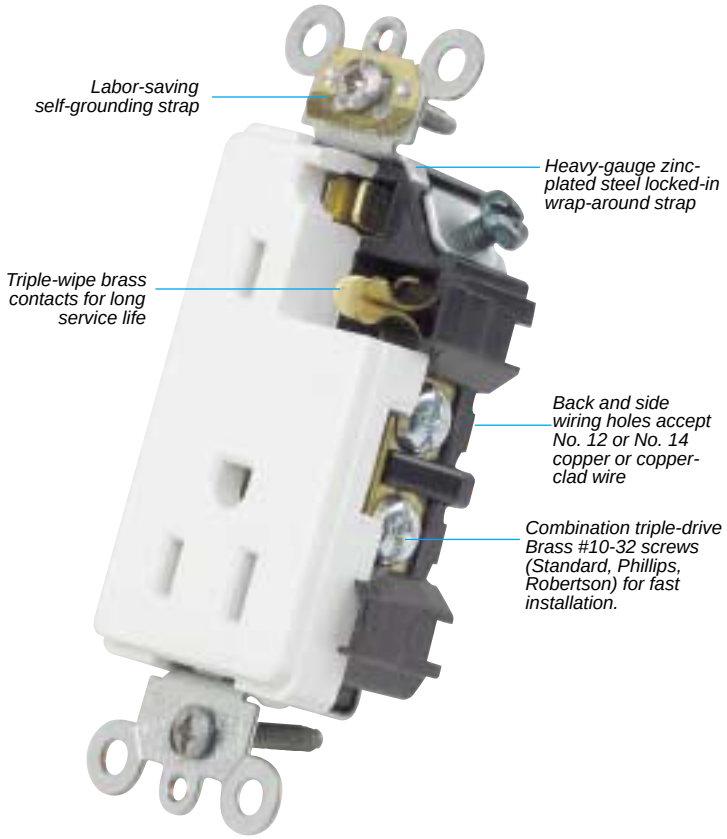
Decora Receptacles

LEVITON
Building a Connected World

Leviton's Decora line of designer-style receptacles are available in Industrial Grade (including Hospital Grade), Commercial Grade and Residential Grade, with a number of wiring options and features. They come in a variety of contemporary shades and add contemporary style to fine interiors everywhere.

Features and Benefits

- Engineered for fine appearance and top performance in demanding commercial and institutional applications using a durable, thermoplastic face and impact-resistant construction
- Shallow design for maximum wiring room in wallbox
- Back Wire and Side Wire terminal wiring options for ease of installation
- Heavy-gauge zinc-plated steel locked-in wrap-around strap
- Triple-wipe brass contacts for long service life
- Exclusive V-shaped, serrated back wiring clamps for superior contact and conductivity
- Available in an array of colors to coordinate with any interior
- Backed by a Limited 10-Year Warranty



Cat. No. 16252-W

The Beauty, Durability and Versatility of Decora® Receptacles

Hospital Grade Tamper Resistant

These Hospital Grade receptacles incorporate a unique shutter mechanism that opens easily for insertion of 2 or 3-prong plugs, but prevents the insertion of small objects into either outlet slot.

Cat. No. 16262-SGI

Dual Voltage

Maintain the consistent look of Decora style receptacles throughout commercial settings even when the need arises for Dual Voltage 15A 125 and 15A 250V duplex receptacles.

Cat. No. 16292-I

Surge Suppressor

Decora-style single and duplex surge-protective receptacles, including versions with audible alarm, LED indicator light and Isolated Ground.

Cat. No. 8280-IGB

Hospital Grade Power Light™

Power Light™ meets UL 498 Hospital Grade identification requirements and provides visual confirmation that the device is energized.

Cat. No. 16362-PLR

SmartLock™ GFCI

SmartLock™ GFCI meets or exceeds UL 2003 requirements and features a patented lock-out action that blocks RESET if GFCI protection has been compromised.

Cat. No. 8599-W

Residential

Receptacles engineered for elegant appearance, speedy installation and a long trouble-free service life for fine residential applications.

Cat. No. 5325-I

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

16262-SGI in 80301-I

16362-PLR

Back and Side Wired NEMA 5-15R & 5-20R *(Basic Cat. No. denotes Mahogany device except where noted)*

DESCRIPTION	CAT. NO./COLOR* 15A/125V (5-15R)	CAT. NO./COLOR* 20A/125V (5-20R)
Hospital Grade, Duplex	16262-HG I, W, G, R (No Mahogany)	16362-HG I, W, G, R
Hospital Grade, Tamper Resistant Duplex	16262-SG I, W, R	—
Hospital Grade, Isolated Ground Duplex (Not Self-Grounding)	16262-IG (Basic Cat. No. Orange) B, I, W, G, R, E	16362-IG (Basic Cat. No. Orange) B, I, W, G, R, E
Hospital Grade, Power Light™ Duplex	16262-PL I, W, R (No Mahogany)	16362-PL I, W, R (No Mahogany)
Industrial Grade, Duplex	16262 I, W, GY, E	16362 I, W, GY, E, A

Back and Side Wired NEMA 6-20R

DESCRIPTION	CAT. NO./COLOR* 20A/250V (6-20R)
Hospital Grade, Duplex I, W (No Mahogany)	16462-HG

Wallplates for Isolated Ground Devices Engraved with "Isolated Ground"

DESCRIPTION	CAT. NO.	COLOR*
Decora Receptacle Wallplate	80401-IG	Orange only

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Durable thermoplastic face in an array of contemporary colors
- Receptacles have a locked-in mounting strap with a self-grounding clip riveted to the strap (Except Isolated Ground devices)
- Hospital Grade Tamper-resistant receptacles include a unique shutter mechanism that opens easily for the insertion of 2 or 3-prong plugs while preventing entry by other small objects into either outlet slot
- Hospital Grade Isolated Ground receptacles (identified by an orange face or triangle on the face) protect sensitive electronic equipment and eliminate electromagnetic interference by providing a separate path to ground
- Power Light meets UL 498 Hospital Grade identification requirements and provides visual confirmation that the device is energized.
- Back and side wiring terminals permit fast installation of up to # 10 solid or stranded conductors
- Triple-wipe copper alloy contacts ensure maximum conductivity

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13399
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. denote Mahogany device (unless indicated) and Orange for Isolated Ground (-IG) Devices. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Mahogany (for IG devices only, add -B), Red (-R), Gray (-G or -GY) and Black (-E).

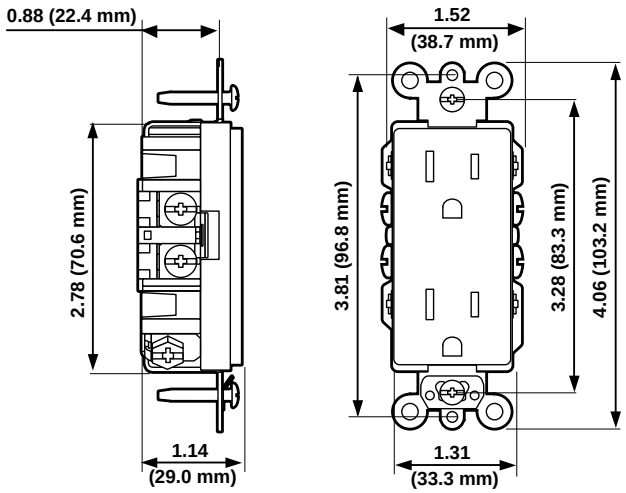
MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 60°C

Maximum Continuous

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.



ALL RECEPTACLES ON THIS PAGE
Cat. No. 16262 Shown

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

*Back and Side Wired, Self-Grounding**
NEMA 5-15R, 6-15R, 5-20R & 6-20R (Basic Cat. No. Denotes Mahogany Device)*

DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex	16252 I, W, GY, E, A	16662 I, W	16352 I, W, GY, E, A	16462 I, W, E
Single★	16251 I, W	16651 I, W (No Mahogany)	16351 I, W	16451 I, W (No Mahogany)

*****Self-grounding when installed in a properly grounded metal wallbox

Side Wired, Self-Grounding NEMA 5-15R, 6-15R, 5-20R & 6-20R*
(Basic Cat. No. Denotes Mahogany Device)*

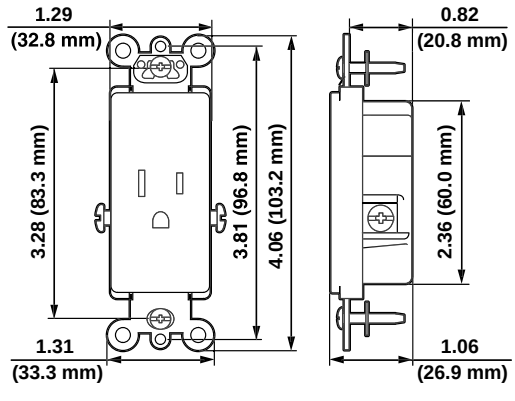
DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex	16242 I, W, E (No Mahogany)	———	16342 I, W, GY, E	———
Single★	16241 I, W (No Mahogany)	16641 I, W (No Mahogany)	16341 I, W, GY, A	16441 I, W, A (No Mahogany)

*****Self-grounding when installed in a properly grounded metal wallbox

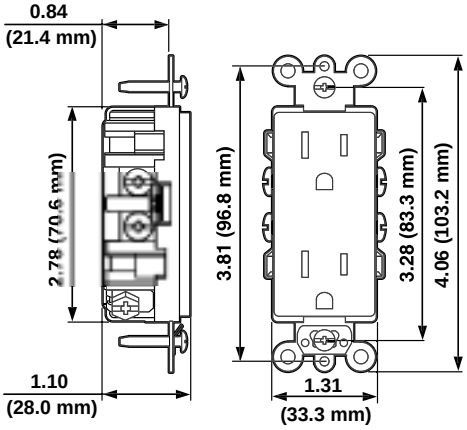
*Back and Side Wired, Self-Grounding**
125V/250V Dual Voltage NEMA 5-15R & 6-15R

DESCRIPTION	15AMP	COLOR*
Duplex, Dual Voltage	16292	I, W

*****Self-grounding when installed in a properly grounded metal wallbox
All devices are UL Listed. Also CSA Certified except where indicated by★



SINGLE BACK AND SIDE WIRED, SELF-GROUNDING Cat. No. 16251



DUPLEX BACK AND SIDE WIRED, SELF-GROUNDING Cat. No. 16252

16251-W in 80301-W

16352-W in 80301-W

SPECIFICATIONS & FEATURES

- Back Wire and Side Wire terminal options
- Heavy-gauge zinc-plated steel locked-in wrap-around strap
- Terminal screws accept up to No. 10 copper or copper-clad wire, solid or stranded
- Back wire terminals accept up to No. 10 copper or copper-clad wire, solid or stranded
- Labor-saving self-grounding clip
- Heavy-duty triple-wipe brass contacts for long service life
- Impact-resistant thermoplastic construction

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13399
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. No. denotes Mahogany device (unless indicated). For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY) and Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 60°C Maximum Continuous

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora AC Receptacles

5325-W in 80301-W

5325-GY in 80301-GY

Side Wire and Quickwire NEMA 5-15R

DESCRIPTION	15 AMP 5-15R	COLOR *Basic Cat. No. Denotes Mahogany*
Duplex	5325	I, W, A, GY, E
Duplex, Self-Grounding Clip	5325-S†	I, W, A (No Mahogany)
Duplex, 8-Hole Quickwire	5328	I, W, A (No Mahogany)

†Self-grounding when installed in a properly grounded metal wallbox
All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Side Wire and Quickwire™ holes accept No. 14 AWG copper wire for Cat. No. 5325
- Heavy-gauge zinc-plated steel mounting strap
- Heavy duty double-wipe brass contacts for long service life

TESTING & CODE COMPLIANCE

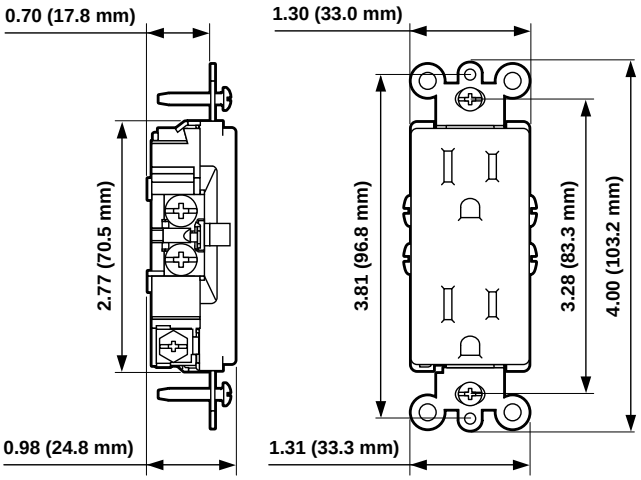
- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited One-Year Warranty

*COLOR

Basic Cat. No. denotes Mahogany (Brown) device unless indicated. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY), and Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 60° C
Maximum Continuous



DUPLEX QUICKWIRE PUSH-IN AND SIDE-WIRED
Cat. No. 5325

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

To learn more about Leviton's outstanding offering of devices visit our Website at: http://www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora Surge Suppressor Receptacles

LEVITON Building a Connected World

Back and Side Wired NEMA 5-15R & 5-20R

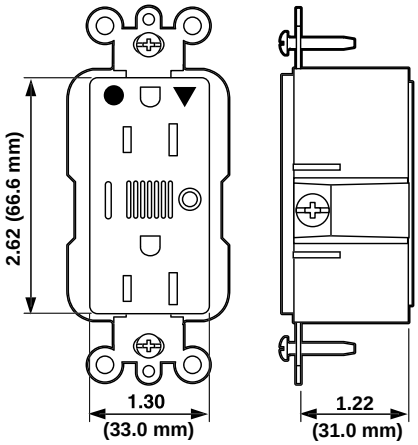
(Basic Cat. No. denotes Mahogany device, except where indicated)

DESCRIPTION	CAT. NO./COLOR* 15A/125V 5-15R	CAT. NO./COLOR* 20A/125V 5-20R
Hospital Grade, Surge Duplex with Indicator Light & Audible Alarm	8280 I, W, A, R, B	8380 I, W, GY, R, B
Hospital Grade, Surge Single with Indicator Light & Audible Alarm	———	8381 I, GY, R
Hospital Grade, Isolated Ground, Surge Duplex with Indicator Light & Audible Alarm	8280-IG I, W, G, A, R, B, O *(No Mahogany)*	8380-IG I, W, A, G, B, O *(No Mahogany)*
Hospital Grade, Isolated Ground, Surge Single with Indicator Light & Audible Alarm	8281-IG I, W, A, G, O *(No Mahogany)*	8381-IG I, W, B, O *(No Mahogany)*
Industrial Grade, Surge Duplex with Indicator Light & Audible Alarm	7280 I, W, GY, A, B	7380 I, W, GY, B
IIndustrial Grade, Surge Duplex with Indicator Light	5280 I, W, GY, A, B	5380 I, W, GY, B
Industrial Grade, Isolated Ground, Surge Duplex with Indicator Light	5280-IG I, W, G, A, B, O	5380-IG I, W, G, B, O

All devices are UL Listed and CSA Certified.

8280-R

8381-I



ALL SURGE RECEPTACLES ON THIS PAGE
Cat. No. 8280-IG Shown

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

For more information regarding Surge Protection Devices, refer to section R.

SPECIFICATIONS & FEATURES

- Decora-styled TVSS receptacles protect sensitive electronic equipment against transient voltage surges
- UL 1449 Suppressed Voltage Ratings: 400V for all 3 modes (line-neutral, line-ground, neutral ground)
- Fuse-protected internal circuitry
- Super impact-resistant Lexan face
- RFI and EMI noise filtration (-35db, @ 5KHz-5MHz)
- Supplied with Decora wallplate
- Hospital Grade and Isolated Ground versions include green LED indicator light that goes out and audible alarm that sounds when protection is lost
- Industrial Grade versions include green LED indicator light that goes out when protection is lost
- Maximum Continous Operating Voltage: 150V
- Maximum single-pulse transient current (8 x 20 ms Amps peak) 24,000A (L-N), 12,000A (L-G), 12,000 (N-G)
- Rated single pulse transient energy (10 x 1000ms, impulse) 320 joules

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13399
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- 15 and 20 amp versions both meet new UL Standard 1449-2nd ED. (1998)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. denote Mahogany device, unless indicated. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Red (-R), Gray (-G or -GY), Blue (-B) and Orange (-O).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

LEVITON
Building a Connected World

GFCI Personnel Protection Devices

SMART LOCK GFCI®

SmartLock™ GFCI with Lockout Action

Meets or Exceeds new Underwriters Laboratories (UL) 2003 GFCI Requirements

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise
- Diagnostic indication for miswiring

The SmartLock Protection Advantage

A standard GFCI can be RESET even if it's not providing ground fault protection. Leviton's patent-pending SmartLock features a RESET button that will not engage if protection has been compromised. With SmartLock, you will not have a live, unprotected receptacle in an installation where GFCI protection is required.

Ideal for a Wide Range of GFCI Applications

- Educational Facilities—Classrooms, bathrooms, laboratories, dormitory bathrooms and kitchens
- Airports—Public bathrooms, general use and maintenance areas
- Restaurants, Lodging and Retail Malls—Public bathrooms, general use and maintenance areas
- Residential—Kitchen, bathrooms, basements, outdoor receptacles and all locations where GFCI's are typically installed
- Public Areas—In any facility where GFCI receptacles are installed

SPECIFICATIONS & FEATURES

- Meets or exceeds UL 2003 Requirements
- TEST and RESET functions work together so that a tripped GFCI cannot be reset if GFCI circuit no longer provides ground fault protection
- RESET button is blocked if GFCI protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
- Cannot be reset if neutral is not present. GFCI can still be tripped with TEST button under this condition
- Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed through to downstream devices. This alerts installer to a line-load reversal. NOTE: Power will still be available to GFCI receptacle face in this condition and there will be no GFCI protection at the receptacle face
- The SmartLock GFCI with lockout action is designed and patented by Leviton
- Trip threshold meets or exceeds UL requirements for tripping time
- Impact-resistant thermoplastic cover and body
- Silver-alloy contacts
- Compatible with all Decora devices: available in selected Decora colors

Combination Switch/SmartLock™ GFCI Outlet

- Ideal for kitchens, bathrooms, modular kitchen units, bathroom cabinet fixtures, lamp cabinet fixtures and applications where combination devices are used.

TESTING & CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color unless indicated. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G or GY), Red (-R), Black (-E), Almond (-A).

MATERIAL CHARACTERISTICS

Flammability: Rated V2

Operating Temperature: -30°F (-35°C) to 151°F (66°C)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Hospital Grade SmartLock™ GFCI Receptacles — Back and Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8598-HG	I, W, G, R, A	5-15R
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	8598-DIN	Black Only	

20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8898-HG	I, W, G, R, A	5-20R

Commercial Grade SmartLock™ GFCI Receptacles — Back and Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8599	I, W, GY, E, A	5-15R
Duplex, No Indicator Light, Black & Red buttons. Contractor Pack	8599-CP	I, W (No Brown)	
Duplex, No Indicator Light, Black & Red buttons. With 4 1/2" leads	8599-L	I, W (No Brown)	
Duplex with LED Indicator Light, buttons match face color	8598	I, W, A	
Duplex with LED Indicator Light, Black & Red buttons. Contractor Pack	8598-CPW	White Only	

20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8899	I, W, GY, E, A	5-20R
Duplex with LED Indicator Light, buttons match face color	8898	I, W, A	

Combination Switch/SmartLock™ GFCI Outlet — Side Wired

8.3 AMP 1000 WATT @ 120V AC Switch Rating, 15 AMP 125V at Receptacle, 20 AMP Feed-Through

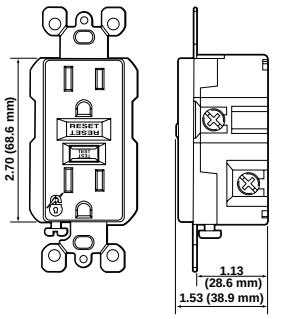
DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Single-Pole Switch and SmartLock GFCI-Protected Outlet, Black & Red buttons	8299	I, W, A	5-15R

Switch-Rated GFCI — Back and Side Wired

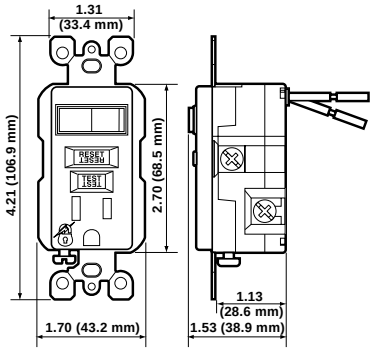
1.5 HP @ 120V AC Switch Rating, 20 AMP 125V Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Blank Face, No Indicator Light, buttons match face color	8590	I, W, A

All devices are UL Listed and CSA Certified.



SmartLock GFCI RECEPTACLE Cat No. 8599



COMBINATION SWITCH/ SmartLock GFCI OUTLET Cat No. 8299

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

LEVITON
Building a Connected World

Decora Lighting and Fan Speed Controls

Decora Lighting Controls combine sophisticated designer styling with state-of-the-art technology in a wide selection of incandescent, magnetic and electronic low-voltage and fluorescent lighting control products. Decora Fan speed Controls are conveniently grouped with lighting controls that share the same product name and design features. Leviton Decora Occupancy Sensors are also available for convenience and energy conservation.

Features and Benefits

- Provide full-range dimming in single pole, three-way, four-way and multi-location switching schemes
- Digital microprocessor state-of-the-art circuitry
- Styled for use with Decora wallplates and can be ganged with other Decora devices (Wallplates not included; must be ordered separately)
- All devices are UL Listed and CSA Certified
- Backed by a Limited Two-Year Warranty

"The Mural™ Collection" on pages A16–A19

Decora Lighting, Fan Speed & Occupancy Sensor Controls for Commercial & Residential Applications

Mural™ Scene Controller

Decora-style Controller sends commands for up to seven distinct lighting scenes to individual Mural Scene-Capable Dimmers.

Cat. No. MN00C-1LW

Mural™

Decora rocker-style digital dimmer with LED brightness level indicators. Provides single-pole and multi-location dimming. Convenient color-change kits available.

Cat. No. MDI06-1LW

True Touch™

Decora-style digital touch dimmer. Provides fingertip full-range single-pole and multi-location dimming. Convenient color-change kits available.

Cat. No. TTI10-10W

TouchPoint™

Decora full-range multi-location touch dimmer responds to where finger is placed on pad. With Preset switch, LED locator, and LED brightness indicators.

Cat. No. TPI06-1LW

IllumaTech™

Fluid slide bar movement provides fine adjustment of lighting and fan speed levels. Preset version have large, easy-to-use pushbutton switch.

Cat. No. IPI06-1LW

SureSlide™

Smooth-action linear slide control for easy, precise operation. Slim design ideal for multi-gang installations. Preset and non-preset versions.

Cat. No. 6621-PW

Wall Switch Infrared Occupancy Sensor

180° field of view with coverage pattern of 2100 square feet. Advanced self-adjusting technology ensures maximum performance.

Cat. No. ODS15-IDW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Mural™ Scene Capable Decora-Style Digital Dimmer
120V AC 60Hz Only *Compatible with Scene Controller and Scene Enhancement Products — See page A17.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM06-1LW	600W/VA	I, W, A, G, E
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM10-1LW	1000W/VA	I, W, A, G, E
Mural Scene Capable Mark X Preset Dimmer for 120V AC Advance Mark X™ Fluorescent Dimming Ballast	MCX10-1LW	1000VA (750W)	I, W, A, G, E
Scene Controller: 7 Lighting-Scene Buttons plus OFF and Group DIM and BRIGHT Buttons	MN00C-1LW	No load rating, use with Monet or Mural Scene Capable Dimmers Only	I, W, A, G, E
Color Change Kits for Mural MC Scene Capable Dimmer	DRKDD-1L	———	I, W, A, G, E
Color Change Kits with Text for MN00C-1LW Scene Controller	DCKS7-00	———	I, W, A, G, E

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

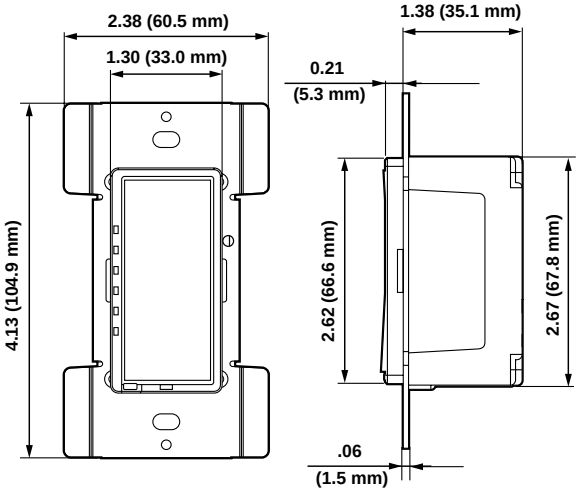
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. Mural Scene Capable Digital Controls are designed for use with Scene Controller and Scene Enhancement products and are not compatible with the Multi-Remote unit.

All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



MURAL SCENE CAPABLE DIMMER
Cat. No. MCM10-1LW

MCM06-1LW in 80301-W

SPECIFICATIONS & FEATURES

- Responds to lighting level commands sent by the Cat. No. MN00C-1LW Scene Controller. Users can program the desired lighting level for individual Mural Scene Dimmers in up to seven distinct lighting scenes, which are easily accessed by one or more Scene Controllers
- Smooth ON/OFF and Dim/Bright Decora rocker action provides ease of operation for people of all ages and abilities
- Scene Controller also provides an OFF button and two arrow-shaped buttons for group Dim and Bright control.
- Local Dim/Bright adjustment on individual scene dimmers will not effect programmed scene lighting settings
- Compatible with Scene Enhancement Products including Contact Closure Interface, Infrared Hand-Held Remote and Infrared Receiver, and one-way and two-way Signal Repeater
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

MN00C-1LW in 80301-W

SPECIFICATIONS & FEATURES

Scene Controller

- Sends commands for up to seven distinct scenes to individual Mural Scene Capable Dimmers
- Multiple Scene Controllers can be used for multi-point access to scenes.
- Provides OFF button and two arrow-shaped buttons for group Dim and Bright control
- Local Dim/Bright adjustment on individual scene dimmers will not effect programmed scene settings.
- Green LED display for each scene button indicates selected scene
- Fast, easy scene programming: Press scene button on MN00C, adjust individual level on Mural Scene Capable dimmer, press program button on dimmer
- Controls up to 20 scene dimmers per circuit
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Works with Monet, Decora Plus or any standard Decora wallplate
- Color change kits available in ivory, white, almond, gray, and black allow fast color changeover and simplify stocking inventory
- Internal MOV for surge protection
- Customized lettering for each scene button available (maximum of 8 characters and spaces) — see your Leviton representative for ordering information

Scene Enhancement Products

- Two-Way Repeater provides scene control communication link between branch circuits. One-Way Repeater allows the creation of separate scene control zones

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373 – Cat. Nos. MN00C and 177IR; File #E-66800 – Cat. Nos. 17100-1WY and 17100-2WY; File #E-600800 – Cat. Nos. 177BI and 177OC)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

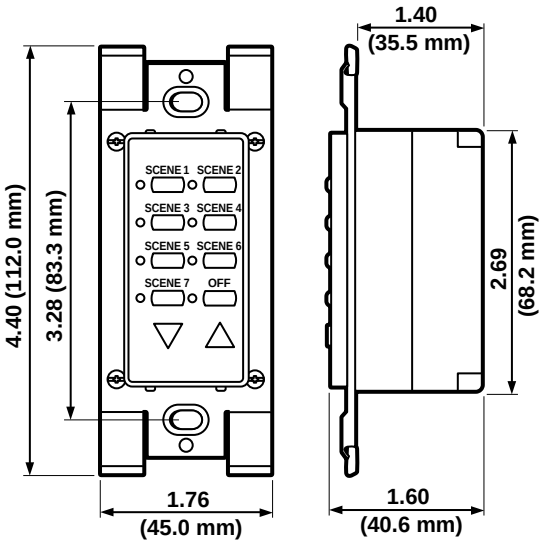
Scene Controller for Mural™ Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
Scene Controller: 7 Lighting-Scene Buttons plus and OFF and Group DIM BRIGHT Buttons	MN00C-1LW	No load rating, use with 120V Monet/ Mural Scene dimmers only	White, for other colors use Color Change Kits
Color Change Kits with Text for MN00C-1LW Scene Controller	DCKS7-00	———	I, W, A, G, E

Scene Enhancement Products — Compatible with Mural™ Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
Signal Repeater—Must be used if controlling lighting on more than one circuit. One-Way and Two-Way versions available	17100-1WY, 17100-2WY	No load rating	(Non-color item)
Contact Closure Interface—Allows control of Mural Scene Capable devices from home theater and building control systems via momentary contact inputs	177BI	No load rating	(Non-color item)
Occupancy Sensor Control Bridge—Operates Scene devices in conjunction with any Leviton Occupancy Sensor	177OC	No load rating	(Non-color item)
Infrared Receiver—Available with Wall Mount and Ceiling Mount Bezels	177IR-IWA	No load rating	Supplied with Ivory, White and Almond bezels
Hand-Held Infrared Remote Control—with 4 Scene Buttons plus OFF	177RC	No load rating	Black

Note: A Repeater must be used on any installation that uses more than one circuit.



MURAL SCENE CONTROLLER
Cat. No. MN00C-1LW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

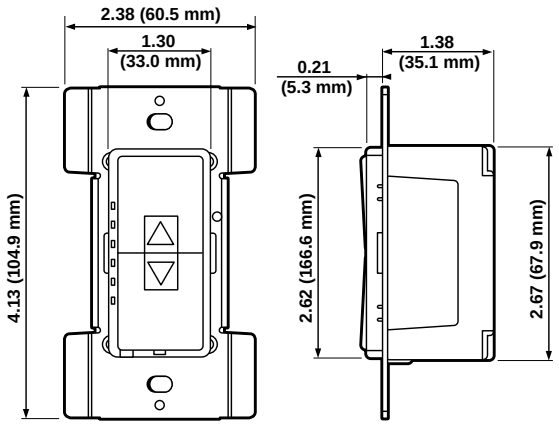
Mural™ L/S (Level Set) Decora-Style Preset Digital Dimmer
120V AC 60Hz Only *All Mural™ L/S dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural L/S Incandescent LED Locator and Brightness Display	MLI06-1LW	600W	I, W, A, G, E, B
Mural L/S Incandescent LED Locator and Brightness Display	MLI10-1LW	1000W	I, W, A, G, E, B
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	MLM06-1LW	600VA (450W)	I, W, A, G, E, B
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	MLM10-1LW	1000VA (750W)	I, W, A, G, E, B
Mural L/S Electronic Low-Voltage LED Locator and Brightness Display	MLE03-1LW	350VA (260W)	I, W, A, G, E, B
Mural L/S for Advance Mark X™ Fluorescent Dimming Ballast	MLX06-1LW	600VA (450W)	I, W, A, G, E, B
Mural L/S Quiet Fan Speed Control LED Locator and Brightness Display	MLF01-1LW	1.5A	I, W, A, G, E, B
Mural L/S Incandescent LED Locator (no brightness display)	MRI06-1LW	600W	I, W, A, G, E
Mural L/S Incandescent LED Locator (no brightness display)	MRI10-1LW	1000W	I, W, A, G, E
Mural L/S Magnetic Low-Voltage LED Locator (no brightness display)	MRM10-1LW	1000VA (750W)	I, W, A, G, E
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	I, W, A, G, E
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	MSE0R-10W	No load rating	I, W, A, G, E
Color Change Kits for Mural L/S (ML versions)	DLKDD-1L	———	I, W, A, G, E, B
Color Change Kits for Multi-Remote Units (no LED locator or display)	DRK0R-00	———	I, W, A, G, E
Color Change Kit for Mural L/S (MR versions)	MRK0D-0L	No load rating	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



ALL MURAL L/S (LEVEL SET) DIMMERS
ML Model Shown

MLI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Smooth Decora rocker-action for Preset ON/OFF switching with built-in arrow-shaped rocker for DIM/BRIGHT control
- Arrow rocker allows user to set brightness level when lights are off
- Second tap on top half of rocker for full bright. Gently double tap bottom half of rocker for fast OFF
- Easy to operate for people of all ages and abilities
- Provides single-pole (one-location) and multi-location full range dimming when used with Multi-Remote units
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level on ML models
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Minimum brightness adjustment sets comfortable minimum light level
- Power failure recovery assures retention of lighting levels during long-term power interruptions.
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A) and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

MDI10-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Provides single-pole (one-location) and multi-location full range dimming when used with MS00R remote unit
- Streamlined popular Decora styling enhances any interior and adds a family look when ganged with other Decora devices
- Smooth ON/OFF and DIM/BRIGHT Decora rocker action provides ease of operation for people of all ages and abilities
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED illuminated when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Protected memory and voltage compensation maintain light levels after short-term power outages and during minor power fluctuations
- Square green LED display alongside rocker indicates selected brightness level on MD models
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Mural™ Decora-Style Digital Dimmer 120V AC 60Hz Only *All Mural™ dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural Incandescent LED Locator and Brightness Display	MDI06-1LW	600W	I, W, A, G, E
Mural Incandescent LED Locator and Brightness Display	MDI10-1LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM06-1LW	600VA (450W)	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM10-1LW	1000VA (750W)	I, W, A, G, E
Mural Electronic Low-Voltage LED Locator and Brightness Display	MDE03-1LW	350VA (260W)	I, W, A, G, E
Mural Quiet Fan Speed Control LED Locator and Brightness Display	MDF01-1LW	1.5A	I, W, A, G, E
Mural Incandescent LED Locator (no Brightness Display)	MSI06-1LW	600W	I, W, A, G, E
Mural Incandescent LED Locator (no Brightness Display)	MSI10-1LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator (no Brightness Display)	MSM10-1LW	1000VA (750W)	I, W, A, G, E
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	I, W, A, G, E
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	MSE0R-10W	No load rating	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Mural™ Decora-Style Digital Dimmer 220V AC 50Hz AC Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Incandescent Dimmer	MDI10-2LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage Dimmer	MDM10-2LW	1000VA (750W)	I, W, A, G, E
Multi-Remote unit for Multi-Location Dimming (no LED locator or display)	MS00R-20W	No load rating —for use with Mural 220V dimmers	I, W, A, G, E

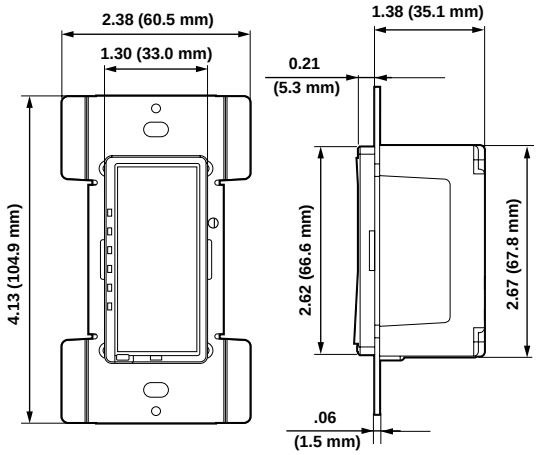
Note: 220V devices are **not** UL Listed or CSA Certified.

Color Change Kits for Mural™ Dimmers (120V and 220V)

DESCRIPTION	CAT. NO.	COLOR CHANGE KIT*
Mural MD with LED Locator and Brightness Display	DRKDD-1L	I, W, A, G, E
Mural MS with LED Locator (no Brightness Display)	DRK0D-1L	I, W, A, G, E
Multi-Remote Units (no LED Locator or Display)	DRK0R-00	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.



MURAL DECORA-STYLE DIMMER
Cat. No. MDI10-1LW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

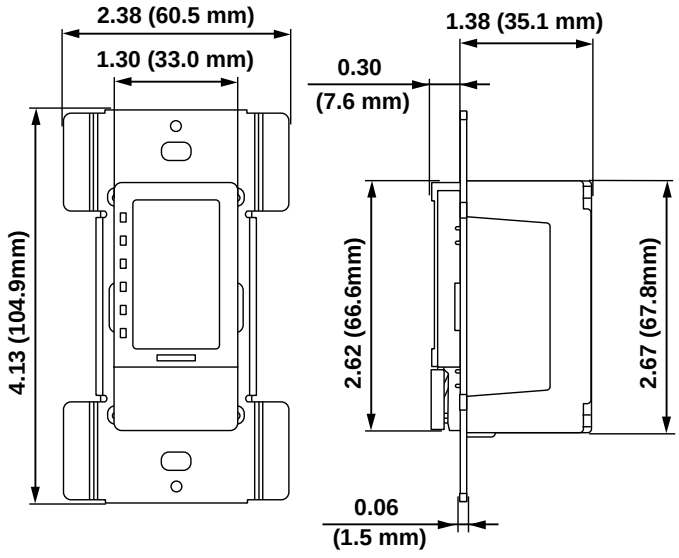
TouchPoint™ Decora Preset Digital Touch-Pad Dimmer
120V AC 60Hz Only *All TouchPoint™ dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR*
TouchPoint Incandescent	TPI06-1L	600W	I, W, A, G, E
TouchPoint Incandescent	TPI10-1L	1000W	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM06-1L	600VA (450W)	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM10-1L	1000VA (750W)	I, W, A, G, E
TouchPoint Advance Mark X™ Fluorescent Dimming Ballast	TPX06-1L	600VA (450W)	I, W, A
TouchPoint Advance Mark X™ Fluorescent Dimming Ballast	TPX10-1L	1000VA (750W)	I, W, A
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	White, for other colors use Color Change Kits
Color Change Kits for Multi-Remote Units (no LED locator or display)	DRK0R-00	———	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



TOUCHPOINT DECORA PRESET DIGITAL TOUCH DIMMER
Cat. No. TPI10-1LW

TPI10-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- New advanced digital touch pad technology provides full range dimming by responding to where your finger is placed on the pad
- Provides single-pole (one-location) and multi-location full range dimming when used with MS00R remote unit
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Easy-to-read LED display alongside touch pad indicates selected brightness level
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

TTI10-10W in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Provides fingertip ease of use and precise adjustment of lighting levels. Simple one-touch for ON at Preset level, or again for OFF. Touch and hold for BRIGHT/DIM lighting control
- Provides single-pole (one-location) and multi-location full range dimming when used with TT00R remote unit
- Cat. No. 6606 Decora Touch Dimmer is available for single-pole applications only (no soft-ON/Fade-OFF or multi-location features)
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Color change kits offered in a wide range of colors, making it easy and economical to change decorating schemes
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after short-term power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Cat. No. 6606 available in Brown/Gold (no dash), Ivory/Gold (-I), White/Silver (-W), Almond (-AA), Ivory (-AI), White (-AW), Gray (-AGY) and Black (-AE). For all other True Touch dimmers, basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY), Black (-E), White frame/Silver touch plate (-WS), Ivory frame/Gold touch plate (-GI), and Brown frame/Gold touch plate (-BG).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

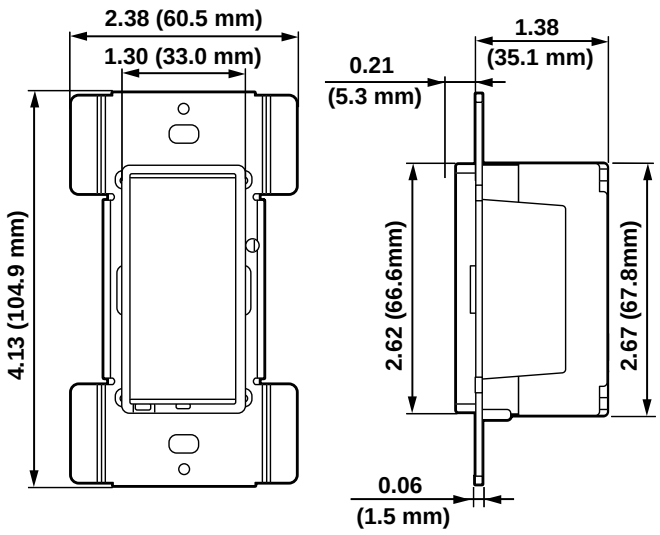
True Touch™ Decora Digital Touch Dimmer 120V AC 60Hz Only

All True Touch™ dimmers provide single-pole (one location) and 3-way (multi-location) control when used with True Touch Remote, except Cat. No. 6606.

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Incandescent Touch Dimmer, Single-Pole Only	6606-W	600W	I, W, AA, AI, AW, AGY, AE
True Touch Incandescent	TTI06-10W	600W	I, W, A, WS, GI, GY, E, BG
True Touch Incandescent	TTI10-10W	1000W	I, W, A, WS, GI, GY, E, BG
True Touch Magnetic Low-Voltage	TTM10-10W	1000VA (750W)	I, W, A, WS, GI, GY, E, BG
True Touch Remote Unit (no LED)	TT00R-10W	No load rating	I, W, A, WS, GI, GY, E, BG
True Touch Dimmer Color Change Kit	TTKIT	———	I, W, A, WS, GI, GY, E, BG
True Touch Remote Unit Color Change Kit	TTKTR	———	I, W, A, WS, GI, GY, E, BG

All devices are UL Listed and CSA Certified.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.



TRUE TOUCH DECORA DIGITAL TOUCH DIMMER
Cat. No. TTI10-10W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

IllumaTech™ Preset Slide Controls — Single Pole and 3-Way, with LED Locator *All IllumaTech Preset Dimmers provide single-pole (one location) and 3-way (multi-location) control when used with a 3-way switch.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	IPI06-1LW	600W 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Incandescent (no LED locator)	IPI06-10W	600W 120VAC 60 Hz	I, W, A, G, E, B
IllumaTech Incandescent	IPI10-1LW	1000W 120VAC 60 Hz	I, W, A, G, E, B
IllumaTech Electronic Low-Voltage	IPE04-1LW	400VA (300W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM06-1LW	600VA (450W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM10-1LW	1000VA (750W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark VII™ Fluorescent Dimming Ballast	IP710-DLW	1200VA (900W) @ 120V AC 60Hz, 1500VA (1125W) @ 277V AC 60Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX06-1LW	600VA (450W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX10-1LW	1000VA (750W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX06-7LW	600VA (450W) 277V AC 60Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX12-7LW	1200VA (900W) 277V AC	I, W, A, G, E, B
IllumaTech Quiet Fan Speed Control	IPF01-1LW	1.5 Amps 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Fan Speed Control	IPF05-1LW	5 Amps 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Color Change Kit	IPKIT-00W	——	I, W, A, G, E, B
IllumaTech Color Change Kit for Quiet Fan Speed Control	IPQFK-00W	——	I, W, A, G, E, B

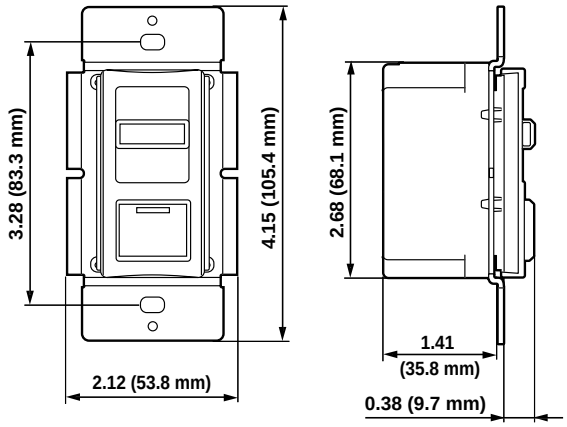
IllumaTech™ Preset Slide Controls— Single Pole and 3-Way, with LED Locator 220V AC 50Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	IPI06-2LW	600W	W, I, A, G, E, B
IllumaTech Incandescent	IPI10-2LW	1000W	W, I, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM06-2LW	600VA (450W)	W, I, A, G, E, B
IllumaTech Quiet Fan Speed Control	IPF01-2LW	1.5 Amps	W, I, A, G, E, B

Note: 220V devices are not UL Listed or CSA Certified

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



ILLUMATECH PRESET SLIDE DIMMER
Cat. No. IPI06-1LW

IPI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Preset versions provide easy-to-use pushbutton switch with locator LED conveniently positioned on it, making the pushbutton easier to find in the dark
- Preset versions provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF. LED is positioned in the same location on both Preset and Non-Preset Preset versions, giving a true "family look" to IllumaTech
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider
- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A), and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora Lighting Controls

RPI06-1LW in 80301-W

RTD01-10W in 80301-W

SPECIFICATIONS & FEATURES

- Combines traditional rotary dial with contemporary Decora styling
- Dimmers provide single-pole (one-location) or multi-location (3-way) control when used with a 3-way switch
- Dimmers available in illuminated and non-illuminated versions
- Quiet 1.5 Amp Fan Speed Controls are perfect for libraries, study rooms and any area where ceiling fan noise could become distracting
- Dual fan speed control and dimmer is ideal for ceiling fans with built-in light fixtures
- Attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora Plus screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Slim, compact housing fits easily into a standard wallbox and is suitable for multi-gang installations

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- NOM Certified (File #057)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog number as follows to indicate color selection: Ivory (-I), White (-W) and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

IllumaTech™ Rotary Controls 120V AC 60Hz Only

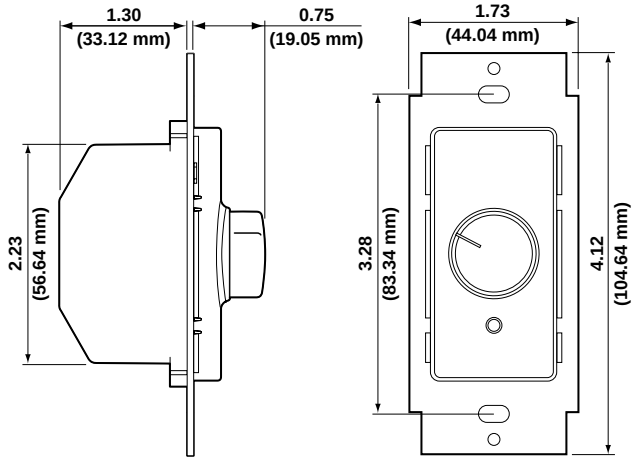
All IllumaTech Rotary controls combine the ease of a traditional rotary dial with the contemporary look of Leviton Decora®.

DESCRIPTION	CAT. NO.	RATING	COLOR*
IllumaTech Rotary Incandescent, Single-Pole and 3-way, Illuminated	RPI06-1L	600W	I, W, A
IllumaTech Rotary Incandescent, Single-Pole and 3-way, Non-Illuminated	RPI06-10	600W	I, W, A
IllumaTech Rotary Quiet Fan Speed Control, Single-Pole, Non-Illuminated	RTF01-10	1.5 Amp	I, W, A
IllumaTech Rotary Dual Quiet Fan Speed Control and Fixture Dimmer, Single-Pole, Non-Illuminated	RTD01-10	1.5 Amp Fan Control/ 300W Dimmer	I, W, A

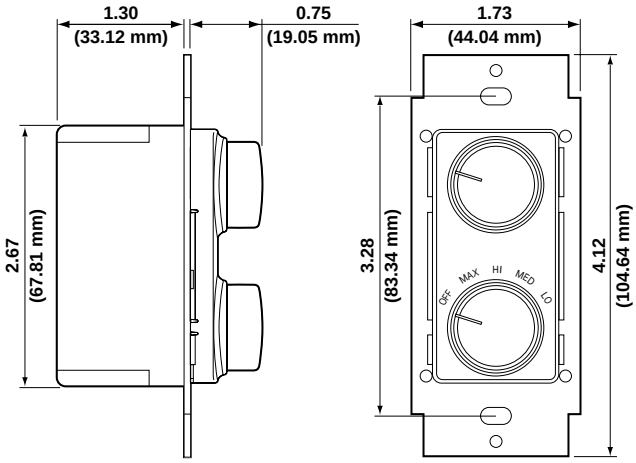
All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders



ILLUMATECH ROTARY INCANDESCENT
Cat. No. RPI06-1L



ILLUMATECH ROTARY DUAL QUIET FAN SPEED CONTROL/FIXTURE DIMMER
Cat. No. RTD01-10

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

IllumaTech™ Non-Preset Slide Dimmers — Single-Pole Only, with LED Locator 120V AC 60 Hz Only

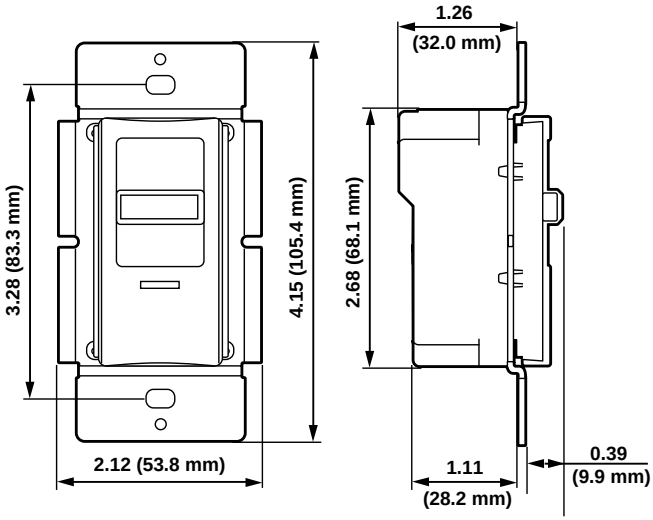
DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	INI06-1LW	600W	I, W, A, G, E, B
IllumaTech Incandescent (no LED locator)	INI06-10W	600W	I, W, A, G, E, B
IllumaTech Incandescent	INI10-1LW	1000W	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	INM06-1LW	600VA (450W)	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	INM10-1LW	1000VA (750W)	I, W, A, G, E, B
IllumaTech Quiet Fan Speed Control	INF01-1LW	1.5 Amps	I, W, A, G, E, B
IllumaTech Fan Speed Control	INF05-1LW	5 Amps	I, W, A, G, E, B
IllumaTech Color Change Kit	INKIT-00W	———	I, W, A, G, E, B
IllumaTech Color Change Kit for Quiet Fan Speed Control	INQFK-00W	———	I, W, A, G, E, B

All devices are UL Listed and CSA Certified.

INI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders



ILLUMATECH NON-PRESET SLIDE DIMMER
CAT. NO. INI06-1LW

SPECIFICATIONS & FEATURES

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF. LED is positioned in the same location on both Preset and Non-Preset Preset versions, giving a true "family look" to IllumaTech
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider
- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A), and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

6621-PW

6621-W

SPECIFICATIONS & FEATURES

- All SureSlide devices have a permanently mounted smooth-action integrated linear slide control for easy, precise operation
- SureSlide features a slim, compact housing that fits easily into a standard wallbox and is suitable for multi-gang installations
- Preset versions provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- SureSlide's attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- SureSlide Cat. No. 6668 is specially designed to work with the Philips Dimmable Earthlight®
- Preset versions provide a low-end trim adjustment for precise lamp brightness and fan speed at the low-end settings

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes Brown unless otherwise stated. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), Gray (-GY or G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

SureSlide™ Decora Full Range Slide Dimmers 120V 60Hz AC Only

Incandescent

DESCRIPTION	CAT. NO.	RATING	COLOR* *Basic Cat. No. Denotes Brown*
SureSlide Single-Pole	6621	600W	I, W, GY, A
SureSlide Single-Pole with Preset ON/OFF Switch	6621-P	600W	I, W, GY, E, A
SureSlide Single-Pole Illuminated	6631	600W	I, W
SureSlide Single-Pole Illuminated, with Preset ON/OFF Switch	6631-P	600W	I, W
SureSlide 3-Way with Preset ON/OFF Switch	6623-P	600W	I, W, GY, E, A
SureSlide 3-Way Illuminated, with Preset ON/OFF Switch	6633-P	600W	I, W
SureSlide Dual Slide Dimmer—(2) Single-Pole Loads, Incandescent or Magnetic Low-Voltage	6628	300W or 300VA per circuit; 600W/600VA Total	I, W, A, GY (No Brown)

Magnetic Low-Voltage

SureSlide Single-Pole with Preset ON/OFF Switch	6611-P	600VA (450W)	I, W, GY, E, A
SureSlide 3-Way with Preset ON/OFF Switch	6613-P	600VA (450W)	I, W, GY, E, A

Advance Mark X/Philips Dimmable Earthlight®

SureSlide Single-Pole	6668-1	500W 120V Mark X 350W 120V Philips dimmable Earthlight	I, W (No Brown)

Full-Range Fan Speed Controls

SureSlide Single-Pole	6627	5 Amps	I, W
SureSlide Single-Pole with Preset ON/OFF	6627-P	5 Amps	I, W, A, G, E
SureSlide 3-Way with Preset ON/OFF	6637-P	5 Amps	I, W, A, G, E

Quiet Step Fan Speed Controls

Brown Not Available

SureSlide Single-Pole Quiet Step	6629-P	1.5 Amps	I, W, A, GY
SureSlide 3-way Quiet Step	6629-3	1.5 Amps	I, W, A, GY
SureSlide Dual Quiet Fan Speed and Fixture Dimmer	6630	1.5A Fan/ 300W Fixture	I, W, A, GY
Trimatron Decora-Style Quiet Fan Speed Control	6639	1.5 Amps	I, W, A

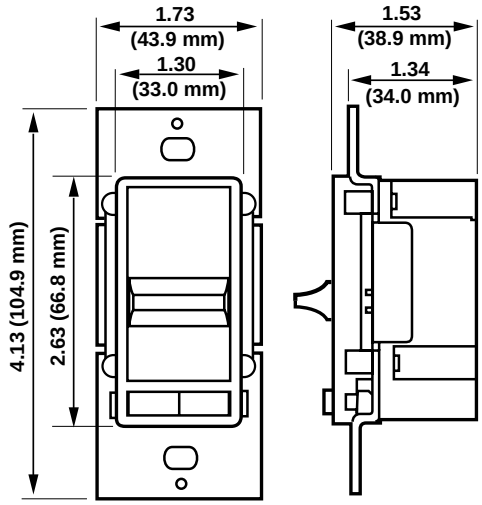
All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.

For IllumaTech Fan Speed Controls and Quiet Fan Speed Controls, see pages A22–A24.



SURESLIDE PRESET DIMMER
Cat. No. 6621-P

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora Four-Level Step Dimmer

500 WATTS 120V AC 60Hz Incandescent Only

DESCRIPTION	CAT. NO.	COLOR*
Four-Level Step Dimmer	6161	I, W, A

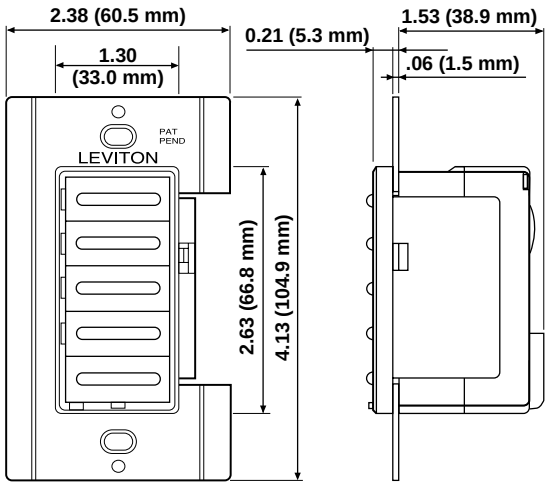
Decora 911 Flasher switch

500 WATTS 120V

DESCRIPTION	CAT. NO.	COLOR*
3-Position Emergency Flasher Rocker Switch	911	I, W, A

6161-W

911-W



FOUR-LEVEL STEP DIMMER
Cat. No. 6161

SPECIFICATIONS & FEATURES

Four-Level Step Dimmer

- Eliminates guesswork — user selects one of four preset lighting levels (25%, 50%, 75%, 100%)
- Easily installs in place of single-pole switch
- LED indicates selected level of brightness
- Sleek designer styling; can be ganged with other Decora devices

911 Switch

- 911 replaces standard single-pole switch and alerts neighbors and helps emergency personnel locate a house quickly
- 911 Switch has standard ON/OFF operations plus a special illuminated “FLASH” position that causes controlled lighting to flash ON and OFF at one-second intervals

TESTING & CODE COMPLIANCE

- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

Four-Level Step Dimmer:

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)

911 Switch:

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)

*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Electronic Timer and Time Delay Switches

LEVITON Building a Connected World

6515M-W

6690-I

Decora Plus Electronic Timer Switches

Leviton Timers add contemporary styling to any commercial or residential application. Built to the highest performance standards, Decora Electronic Timers provide long-lasting trouble-free service life.

Four Preset buttons plus an OFF button permit timed control of lights and appliances. Decora Plus Timers are ideal for heat lamps, foyer and outdoor lights, hot tubs, spas, attic and exhaust fans. LED's indicate elapsed time and flash "Two Minutes Until OFF" warning.

Commercial Grade

Electronic Timer Switches 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Four Preset Buttons & OFF	6215M	2-5-10-15 Minutes	I, W, A
3-Wire, Single-Pole (Neutral Required)	6230M	5-10-15-30 Minutes	I, W, A
1000W Incandescent, 20A Inductive	6260M	10-20-30-60 Minutes	I, W, A
1 HP @ 120V	6212H	2-4-8-12 Hours	I, W, A

Residential Grade

Electronic Timer Switches 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Four Preset Buttons & OFF	6515M	2-5-10-15 Minutes	I, W, A
2-Wire, Single-Pole	6560M	10-20-30-60 Minutes	I, W, A
500W Incandescent Only	6512H	2-4-8-12 Hours	I, W, A

Residential Grade

Time Delay Switch (Incandescent Only) 300 WATT 120V AC

DESCRIPTION	CAT. NO.	COLOR
Single Pole, Five Minute Delayed OFF Switch	6690	I, W

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Electronic Timer Switch has four preset buttons plus OFF for timed control of lights and appliances.
- Electronic Timer Switch LED's indicate time elapsed and last LED flashes two minutes until OFF warning
- Press OFF button on Time Delay Switch — lights remain ON for 5 minutes before switching OFF
- All install easily in single gang wallbox in place of standard switch
- Electronic keypad control
- Matching wallplate included

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800—Cat. Nos. 6515M, 6560M, 6512H, 6215M, 6230M, 6260M, 6212H; File #E-7458—Cat. No. 6690)
- CSA Certified (File #LR-68679—Cat. Nos. 6515M, 6560M, 6512H, 6215M, 6230M, 6260M, 6212H; File #LR-67309—Cat. No. 6690)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

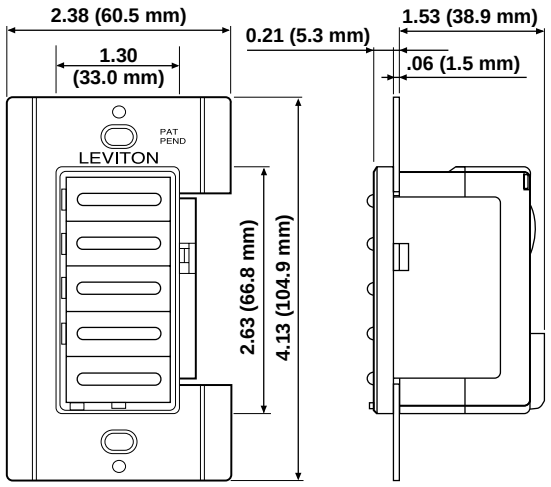
*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: 32°F to 130°F



THESE DIMENSIONS APPLY TO ALL ELECTRONIC TIMER SWITCHES ON THIS PAGE

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Programmable Electronic Timers

LEVITON Building a Connected World

24-Hour Programmable Electronic Timer Switch

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
24-Hour LCD Programmable Timer Switch 1200W Incandescent, 1200VA Inductive @ 120V AC 60Hz Motor: 1 HP @ 120V AC 60Hz UL, ¾ HP @ 120V AC 60Hz CSA Neutral Connection Required Compatible with electronic ballasts	6124H	24-Hour ON/OFF scheduling in 30 minute intervals	I, W, A

6124H-W

14-Hour Programmable Electronic Timer Switch

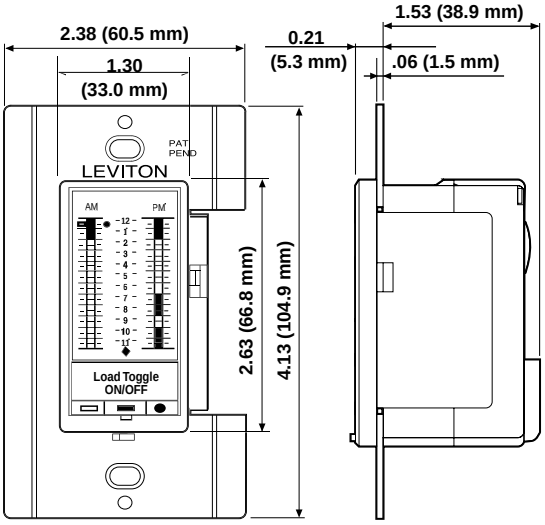
DESCRIPTION	CAT. NO.	INTERVAL	COLOR
14-Hour Segment Programmable Timer Switch 40W min, 500W max. @ 120V AC 60Hz, Incandescent only Neutral Not Required.	6651	14-Hour ON/OFF scheduling in hourly intervals	I, W, A

6651-W

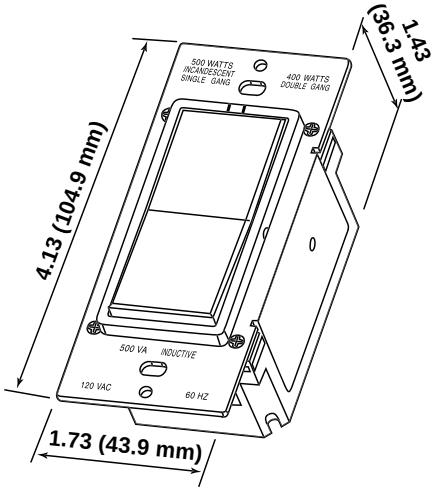
Variable Countdown Timer Switch

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Rotary-Dial Variable Countdown Timer Switch 500W Incandescent, 500VA Inductive 1/6 HP @ 120 AC 60Hz Neutral Connection Required	6652	1 minute to 18 hours	I, W, A

All devices are UL Listed and CSA Certified.



PROGRAMMABLE ELECTRONIC TIMER SWITCH
Cat. No. 6124H



PROGRAMMABLE ELECTRONIC TIMER SWITCH
VARIABLE COUNTDOWN TIMER
Cat. Nos. 6651 and 6652

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800–Cat. Nos. 6651, 6124H; File #E-148771 Cat. No. 6652)
- CSA Certified (File #LR-68679 Cat. Nos. 6651, 6652, 6124H)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), and Almond (-A).

SPECIFICATIONS & FEATURES

24-Hour Programmable Timer

- Ideal for a wide variety of commercial and residential applications including outdoor lighting, pools, motors, sprinklers, exhaust and attic fans, bathroom heat lamps, hot tubs and spas, whole-house exhaust fan scheduling, office lights, janitor closets, landscape and security lighting
- Permits separate ON or OFF scheduling for half-hour periods of the day; ON/OFF manual control available by using button below display panel
- Decora styling enhances any interior (NOTE: 6124H cannot be used with Decora Plus Screwless Snap-On Wallplates)

14-Hour Programmable Timer

- Ideal for residential incandescent lighting control including indoor, outdoor and seasonal lighting
- "Set-it-and-forget convenience" provides automatic daily control with manual override
- Automates daily switching program (up to 14 hours) by responding to DIP switch ON or OFF position for each hour; repeats until function switch is moved to Manual or OFF mode

Countdown Timer Switch

- For residential and light commercial applications including indoor and outdoor lighting, office lights and ceiling paddle fans
- Simple rotary-dial time selection of settings from 1 minute to 18 hours
- An illuminated LED indicates load is ON. Blinking LED accompanied by annunciator sound indicates end of time cycle

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

ODS15-IDW in 80301-W

ODS0D-IDW in 80301-W

Decora® Wall Switch Infrared Occupancy Sensor (Incandescent or Fluorescent)

DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	ODS15-ID (formerly 6768)	Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Incandescent: 1800W @ 120V. Motor: ¼ HP @ 120V	I, W, A, G
Decora Wall Switch PIR Occupancy Sensor	ODS10-ID (formerly 16775)	Incandescent: 800W @ 120V, Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60 Hz AC only. Motor: ¼ HP @ 120V	I, W, A, G

Dual-Relay Decora® Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	PHOTOCELL CONTROL OPTIONS PER RELAY	RATING	COLOR
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	ODS0D-ID (formerly 6772)	Default Setting: Conference Room Mode Both Primary.and Secondary Relays respond to Ambient Light Override. Alternate Setting: Classroom Mode Primary Relay only responds to Ambient Light Override.	Primary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V. Secondary Relay: Fluorescent: 800VA @ 120V, 1200VA 277V. Incandescent: 800W @ 120V	I, W, A, G

Decora® Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor, Single-Pole & 3-Way, 180° field of view	PR180-1L	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: ⅛ HP @ 120V AC	I, W, A

Residential Grade

Decora® Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor, Single-Pole, 150° field of view	PR150-1L	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: ⅛ HP @ 120V AC	I, W, A

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

Decora Wall Switch PIR Occupancy Sensor (ODS15-ID)

- For use in small offices, conference rooms, class rooms, stock rooms, lounges, restrooms, warehouses & commercial areas
- Exclusive automatic "Walk-Through" sensing increases energy savings by shutting lights within 2½ minutes after momentary occupancy
- Self-adjusting delayed OFF-time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- 180° field of view, 2100 sq. ft. of coverage

Dual-Relay Decora Wall Switch PIR Occupancy Sensor (ODS0D-ID)

- Ideal for class rooms and conference rooms
- Exclusive automatic "Walk-Through" sensing
- Provides automatic switching for 2 separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit
- Self-adjusting delayed OFF-time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- 180° field of view, 2100 sq. ft. of coverage
- Ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Push-button manual override is used to turn lights ON at any time, regardless of the override setting

Wall Switch PIR Occupancy Sensor (ODS10-ID)

- For use in enclosed offices, storage rooms, copier rooms & closets
- One unit can be used for 120V or 277VAC 60Hz incandescent, low-voltage and fluorescent lighting with either magnetic or electronic ballasts, and motor loads.
- 180° field of view
- Fits in standard wallbox; gangable
- Delayed-off time settings: 10, 20 and 30 minutes with 30-second test mode
- Elegant Decora styling; uses Decora wallplate

TESTING & CODE COMPLIANCE

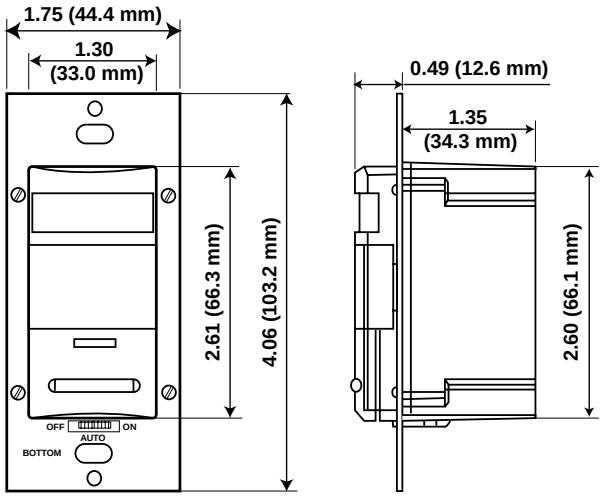
- UL Listed (File #E-118904)
- Cat. No. ODS0D-ID is CUL/US Certified
- CSA Certified (File #LR-91148M)
- NOM Certified (#057)
- Conforms to California Title 24 Energy Code
- Backed by a Limited Five-Year Warranty

COLOR

Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G), Almond (-A).

MATERIAL CHARACTERISTICS

Operating Temperature: 0°C to 50°C
Storage Temperature: -10°C to 85°C
Relative Humidity: 20% to 90% non-condensing



Cat. No. ODS15-ID

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora® Combination Devices

15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A-125V	5625	I, W, A, GY
Single-Pole Switch/Pilot Light	Switch: 15A–120V AC Pilot: 1/25W–125V AC	5626	I, W, A
Two Single-Pole Switches	15A-120/277V AC	5634	I, W, A, GY
3-Way Switch/Single-Pole Switch	15A-120/277V AC	5641	I, W, A
Two 3-Way Switches	15A-120/277V AC	5643	I, W, A
3-Way Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A–125V	5645	I, W, A
3-Way Switch/Pilot Light	Switch: 15A–120V AC Pilot: 1/25W–125V	5646	I, W, A

20 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Two Single-Pole Switches	20A-120/277V AC	5627	I, W, A
Single-Pole Switch/Receptacle	Switch: 20A-120V AC Receptacle: 20A-125V	5636	I, W, A
Single-Pole Switch/Pilot Light	Switch: 20A-120V AC Pilot: 1/25W-125V AC	5637	I, W, A
Two 3-Way Switches	20A-120/277V AC	5640	I, W, A

All devices are UL Listed and CSA Certified.

5625-W in 80301-W

5634-A in 80301-A

SPECIFICATIONS & FEATURES

- Elegant Decora styling provides multiple control in a single-gang wallbox
- All devices have grounding screw
- Fit standard wall boxes

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY).

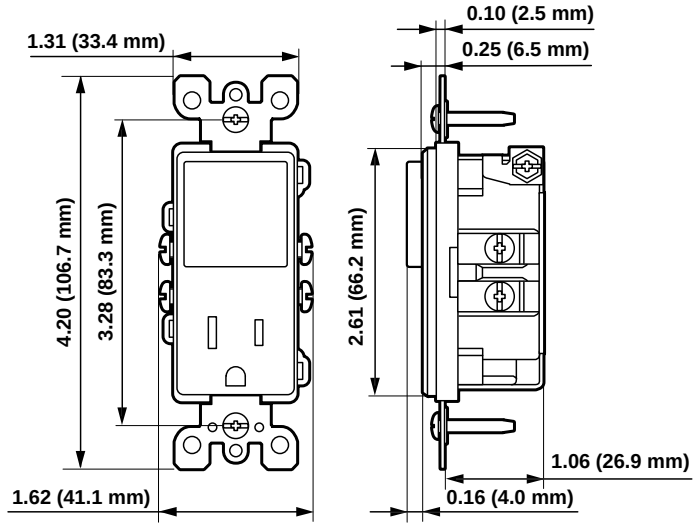
HORSE POWER

15A Switch	20A Switch
½ @120V	1 @120V
2 @240V	2 @240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C



SWITCH/RECEPTACLE
CAT. NO. 5625

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

1755-W in 80301-W

8299-W

Decora® Combination Switches

Individual Switches: 15 AMP 120V/Device Total: 20 AMP-120V†

DESCRIPTION	CAT. NO.	COLOR*
Dual Rocker Switches	1754	I, W, A
Dual Rocker Switches with Grounding Lead	1754-2	W
Illuminated Dual Rocker Switches light is ON when top rocker is off	1754-IL	I, W, A
Three Rocker Switches	1755	I, W, A
Three Rocker Switches with Grounding Lead	1755-2	I, W
Three Rocker Switches (Double Pole ON-OFF-ON Top Switch; Two Single-Pole Switches)	1759	I, W

†WARNING: Although each individual rocker switch is rated up to 15A 120V, the total combined load for both duplex or all three triplex switches MUST NOT EXCEED 20 AMPS.

Decora® Combination Switch/SmartLock™GFCI Outlet

Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V
Switch Rating: 8.3 AMP, 1000 WATTS @ 120V AC

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
Single-Pole Switch and SmartLock GFCI-Protected Outlet	8299	I, W, A

SPECIFICATIONS & FEATURES

- Multi-switch combination devices save space and add convenience
- Common shunted internally to all switches
- Elegant Decora styling permits ganging with other Decora devices
- Switch/SmartLock GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock GFCI protection in new or retrofit construction
- Switch/SmartLock GFCI Receptacle permits multiple wiring options that allow six different applications

SmartLock GFCI

- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not

TESTING & CODE COMPLIANCE

Decora Switches

- UL Listed(File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

Switch/SmartLock GFCI Receptacle

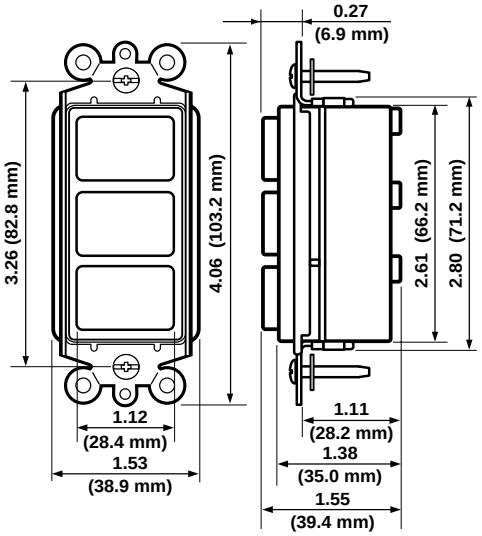
- UL Listed (File #48380)
- Listed UL Standard 943, Class A
- CSA Certified (File #LR-57811)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

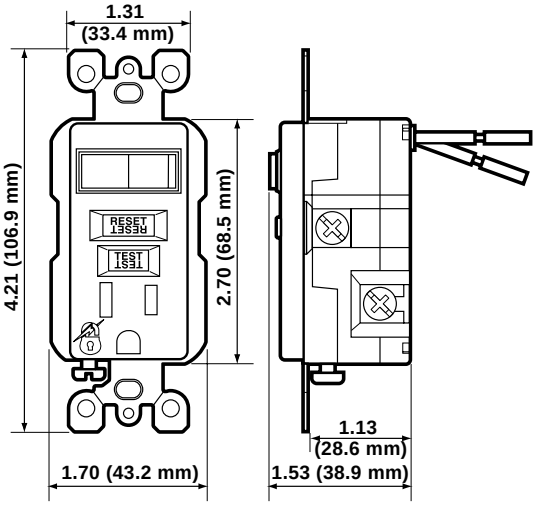
Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C



THREE ROCKER SWITCHES
Cat. No. 1755



COMBINATION SWITCH/SmartLock GFCI OUTLET
Cat No. 8299

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wall Jacks

Type 625 Single Telephone Wall Jacks

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
4-Conductor	40649	I, W, GY, E, A
6-Conductor	40638	I, W, GY, A
8-Conductor	40680	I, W, GY

*F Connector Wall Jacks**

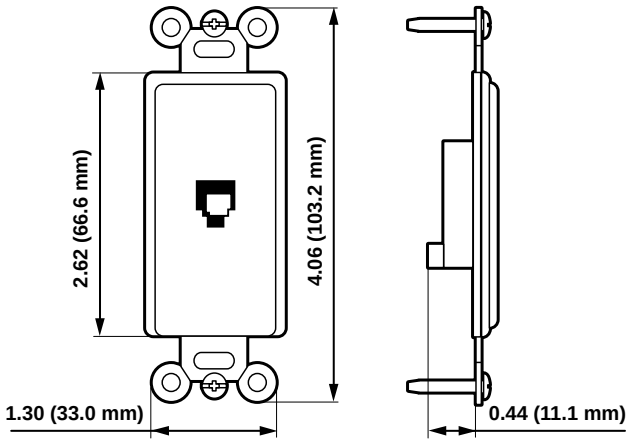
DESCRIPTION	CAT. NO.	COLOR*
Single F Connector	40681	I, W, GY, A *Basic Cat. No. Denotes Mahogany*
Duplex F Connector	40682	I, W, GY, A *Basic Cat. No. Denotes Mahogany*
Single F Connector (includes Snap-On Decora Plus Wallplate)	80381	I, W, GY, E, A

*Standard bulkhead F connector for CATV or other video applications. These jacks are not rated UL94V-O.

Decora® Plus Voice/Data Jacks with QuickPort® Snap-in Modules

DESCRIPTION	CAT. NO.	COLOR*
Empty Platform, No Jacks	41642	I, B, W, GY, E, A
Platform with Two 6-Conductor Jacks	41666	I, W
Platform with Two 8-Conductor Jacks	41688	I, W
Platform with One 6-Conductor Jack and One F Conductor	41658	I, W
Platform with One 6-Conductor Jack and One 8-Conductor Jack	41668	I, W

All devices are UL Listed and CSA Certified.



DECORA TYPE 625 SINGLE TELEPHONE WALL JACK
Cat. No. 40649

40649-I in 80301-I

40681 in 80301

SPECIFICATIONS & FEATURES

- All wall jacks are compatible with Decora Plus snap-on wallplates and Decora standard wallplates
- All wall jacks can be used with single or multiple-gang wall boxes
- Modular Jacks have 50 micro-inches hard gold-plated phosphor bronze spring wire contacts.
- Jacks can be used for 75-OHM cable connections for televisions, VCR's and receivers
- Decora Plus Duplex Jack uses snap-in modules with quick-connect insulation displacement terminals for 22 or 24 AWG wire

TESTING & CODE COMPLIANCE

- UL Listed (File #109712) in accordance with NEC Article 800-51(-I)
- CSA Certified (File #80287 for all cat. nos. except 80381, which is File #LR-20064)
- NOM Certified (#057)
- Decora F-Connector Wall Jacks meet specs. for UL 1863
- Meet FCC Part 68 requirements
- All Decora Plus Voice/Data Jack Snap-in QuickPort modules meet TIA-568A electrical, mechanical and transmission requirements
- Wall Jacks' housings of high-impact, self-extinguishing plastic, rated UL 94 V-O
- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Brown (-B) Ivory (-I), White (-W), Gray (-GY), Black (-E), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental Flammability: Meet specs for UL1863

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G. For QuickPort® Snap-in Modules, see section "S"

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Canadian 347V AC Quiet Rocker Switches

LEVITON Building a Connected World

5691-CI in 80401-CNI

5691-CW in 80401-CNW

SPECIFICATIONS & FEATURES

- New architecturally-styled smooth-action concave rocker
- Heavy-duty impact-resistant thermoplastic construction for long service life in commercial applications
- Full rated current capacity with tungsten, fluorescent or resistive loads. Motor capacity is 80% of switch rating
- Wrap-around heavy-gauge strap with locking tabs for added strength
- Back and side-wiring terminals accept both solid and stranded wire to ease installation
- Green grounding screw
- Canadian 347V Decora wallplates available in a number of colors
- **Note:** Decora Plus Canadian 347V switches fit only those wallplates designated for 347V AC devices
- **Note:** Canadian 347V Decora wallplates fit "Commander Type" boxes

TESTING & CODE COMPLIANCE

Switches

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)

Wallplates

- UL Listed (File #E-13397)
- CSA (File #LR-16347)
- NOM Certified (#057)
- Fully compliant with NEMA Standards WD-1
- Backed by a Limited 10-Year Warranty

*COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A) and Red (-R).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Back and Side Wired

15 AMP 347V AC

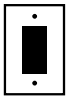
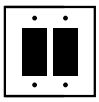
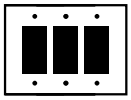
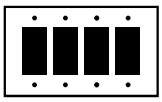
DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Rocker Switch	5691-C	I, W, A, G, E, R
Double-Pole Rocker Switch	5692-C	W
3-Way Rocker Switch	5693-C	I, W, A, G, E, R
4-Way Rocker Switch	5694-C	W, R

20 AMP 347V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Rocker Switch	5621-C	W
3-Way Rocker Switch	5623-C	W
4-Way Rocker Switch	5624-C	W

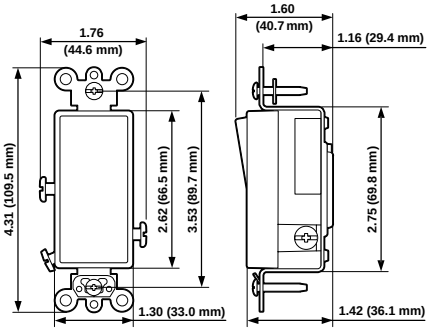
Midway Nylon Wallplates

For Canadian 347V Decora Devices

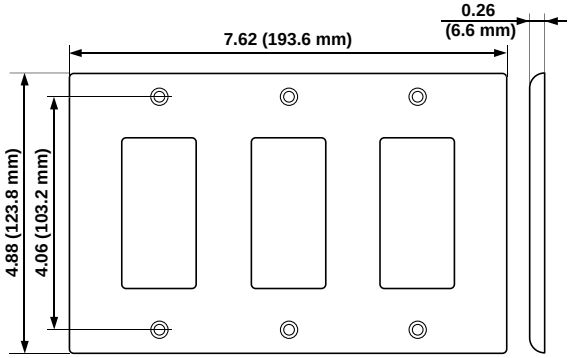
DESCRIPTION		CAT. NO.	COLOR*
1-GANG		80401-CN	I, W, G, E
2-GANG		80409-CN	I, W, G, E
3-GANG		80411-CN	I, W, G, E
4-GANG		80412-CN	I, W, G, E†

†For black 4-gang wallplate, order Cat. No. 80412-98E

All devices are UL Listed and CSA Certified.



SINGLE POLE
Cat. No. 5621-C & 5691-C



3-GANG
Cat. No. 80411-CN

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Screwless Snap-On Wallplates

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Mahogany
1-GANG	80301	I, W, GY, E, A
2-GANG	80309	I, W, GY, E, A
3-GANG	80311	I, W, A
4-GANG	80312	I, W, A
5-GANG	80321-I	W, (No Mahogany)
6-GANG	80326-I	W, (No Mahogany)

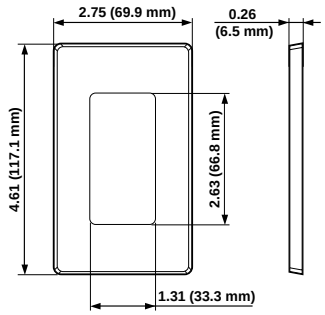
Nylon Wallplates

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Mahogany
1-GANG	80401-N	I, W, GY, E, A, R, B
2-GANG	80409-N	I, W, GY, E, A, R, B
3-GANG	80411-N	I, W, GY, A
4-GANG	80412-N	I, W, A

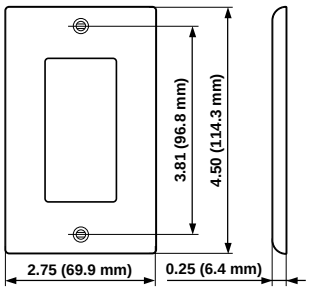
Metal Wallplates

DESCRIPTION	BRUSH BRASS SATIN FINISH .040" THICK	POLISHED BRASS .040" THICK	NON-MAGNETIC STAINLESS STEEL .032" THICK	ALUMINUM SATIN FINISH .040" THICK
1-GANG	81401	81401-PB	84401-40	83401
2-GANG	81409	81409-PB	84409-40	83409
1-GANG 1-Decora 1-Duplex	—	—	84455-40	—
3-GANG	81411	81411-PB	84411-40	—
4-GANG	81412	—	84412-40	—
5-GANG	81423	—	84423-40	—
6-GANG	—	—	84436-40	—

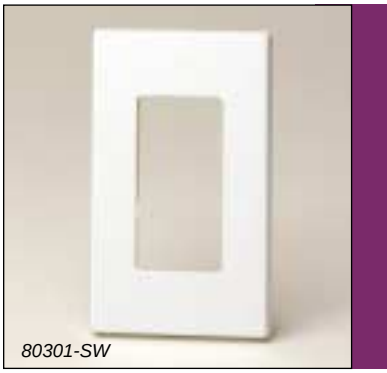
All devices are UL Listed and CSA Certified.



SCREWLESS SNAP-ON WALLPLATE
Cat. No. 80301



NYLON WALLPLATE
Cat. No. 80401-N



80301-SW

84401-40

SPECIFICATIONS & FEATURES

Decora Plus Screwless Snap-On Wallplates

- Feature sleek, smooth contemporary architectural styling with hidden mounting screws that complement fine decors
- Decora compatible — two-piece kit allows easy retrofit to any Decora installation
- Impact-resistant thermoplastic construction stands up to abuse and cleaning solutions

Nylon and Metal Wallplates

- Include color-matched screws

TESTING & CODE COMPLIANCE

Decora Plus Screwless Snap-On Wallplates

- UL Listed (File #E13397)
- Meet NEMA Standards WD-1
- CSA Certified (File #LR16347)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

Metal Wallplates & Plastic Adapters

- UL Listed (File #92327)
- CSA Certified (File #LR16347)
- NOM Certified (#057)
- Meet NEMA Standards WD-1
- Backed by a Limited 10-Year Warranty

*COLOR

Decora Plus Screwless and Nylon Wallplates
Basic Cat. No. denotes Mahogany device. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Black (-E), Almond (-A), Red (-R) and Blue (-B).

Metal Wallplates
Brass, stainless steel or aluminum finish as listed

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora Wallplates

80405-W

Decora Standard/Midway wallplate size comparison (3/8" wider and longer), 80401 in front of 80601.

SPECIFICATIONS & FEATURES

- A wide selection of sixes and colors to blend with any wall covering
- Smooth face and rounded edges that resist dust accumulation
- Individual plastic wrapping to protect surfaces
- Color-matched mounting screws supplied

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13397)
- CSA Certified (File #LR-16347)
- NOM Certified (#057)
- Full compliance with NEMA Standards WD-1
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes Mahogany device. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Black (-E) and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C)

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Standard Size Smooth Plastic Wallplates

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
1-GANG	80401	I, W, GY, E, A
2-GANG	80409	I, W, GY, E, A
2-GANG 1-Decora 1-Toggle	80405	I, W, GY, E, A
2-GANG 1-Decora 1-Duplex	80455	I, W, A
2-GANG 1-Decora 1-Telephone (.406 in hole)	80479	I, W
3-GANG	80411	I, W, GY, E, A
3-GANG 2-Decora 1-Toggle	80431	I, W, GY
3-GANG 2-Toggles 1-Decora	80421	I, W, GY, E, A
3-GANG 1-Decora 1-Toggle 1-Telephone	80442-I	Ivory Only
3-GANG 2-Decora 1-Telephone	80443-I	Ivory Only
4-GANG	80412	I, W, GY, A, E
5-GANG	80423	I, W, GY, A, E
6-GANG	80436	I, W, GY, A, E
7-GANG	80407	I†, W†
8-GANG	80408	I†, W†

†Painted metal wallplate.

Midway Size Smooth Plastic Wallplates

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
1-GANG	80601	I, W, GY, A
2-GANG	80609	I, W, GY, A
2-GANG 1-Blank 1-Decora	80608	I, W, A
2-GANG 1-Decora 1-Toggle	80605	I, W, A
3-GANG	80611	I, W, A
4-GANG	80612	I, W, A

All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

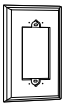
Decora Wallplate Accessories

Wallplate Replacement Screws (5⁄16"–6 x 32 threads)

DESCRIPTION	CAT. NO.	DESCRIPTION	CAT. NO.
Almond 100 per box	82400	**Ivory 100 per box**	86400
Black 100 per box	83400	**Gray 100 per box**	87400
Stainless Steel 100 per box	84400	**White 100 per box**	88400
Brown 100 per box	85400	**Red 100 per box**	89400

Decora Replacement Screws

Standard Size Plastic Adapters

DESCRIPTION		CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
Dimmer Shaft (.406" hole)		80400	I, W, GY, E, A
Blank (no hole)		80414	I, W, GY, E, A
CATV Jack		40681-I	W, GY, E, A
Wallbox Adapter Extends shallow wallbox to fit GFCI/Decora devices		6197	I, W

80400-A/80414-I

Decora® Plus Standard Size Plastic Adapters

DESCRIPTION		CAT. NO.	COLOR*
CATV Jack		80381	I, W, GY, E, A
Blank (no hole)		80314	I, W, GY, E, A

All devices are UL Listed and CSA Certified.

TESTING & CODE COMPLIANCE

- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Gray (-GY), Black (-E), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

“I install a lot of Leviton’s Decora Home Controls in new and remodeled homes. My contractors tell me they’re easy to install. And my customers love the convenience of remote control lights and appliances. The system programs any light and electrical appliance in the house. DHC gives my customers security and energy savings. No wonder they like it.”

Home Builder

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Home Automation Products — Decora Home Controls (DHC)

Leviton's Decora Home Controls (DHC) Residential Powerline Carrier components provide homeowners with everything needed for programmed and manual control of lighting and appliances using their home's existing AC wiring.

Our current listing of DHC components features new programmers, controllers and receivers with Scene Lighting Capability for coordinated, whole-house lighting control. This includes models offering two-way communication, which enables controllers in remote locations to show the On/Off status of individual lighting loads. Many new DHC components feature Intellisense™, a Leviton exclusive technology. Intellisense reduces noise sensitivity without reducing command signal sensitivity, resulting in the most reliable performance of any powerline carrier home automation system available today.

DHC POWERLINE CARRIER COMPONENTS
Overview ____ B1

DHC TRANSMITTERS
Basic Programmer ____ B2
Table Top Controller ____ B2
Toscana™ Deluxe Programmer ____ B2
Wall Switch Controllers ____ B3, B4
Wall Switch Controllers with Scene Capability ____ B4
Universal Remote Controller ____ B5
Plug-in Transceiver ____ B5
Key Chain Remote Controller ____ B5
Outdoor Passive Infrared Transmitter ____ B6
Photocell Controller ____ B6
Burglar Alarm Interface ____ B7
Dry Contact Controllers ____ B7

DHC NETWORK INTEGRITY PRODUCTS
System Amplifier/ Coupler/Repeater ____ B8
Panel-Mounted Surge Protective Devices ____ B9

DHC RECEIVERS
Wall Switches with Scene Capability ____ B10
Wall Switches ____ B11, B12
Remote Switches ____ B13
Double-Pole 20A Wall Switch ____ B13
Rocker and Frame Color-Change Kits ____ B10–B13
Universal Low-Voltage Module ____ B14
Plug-In Lamp Module ____ B14
Wall Receptacles ____ B15
Fixture Modules ____ B16
Power Extenders ____ B16

DHC ANCILLARY DEVICES
Couplers and Filters ____ B17
Signal Strength Indicator ____ B17

SECTION B

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

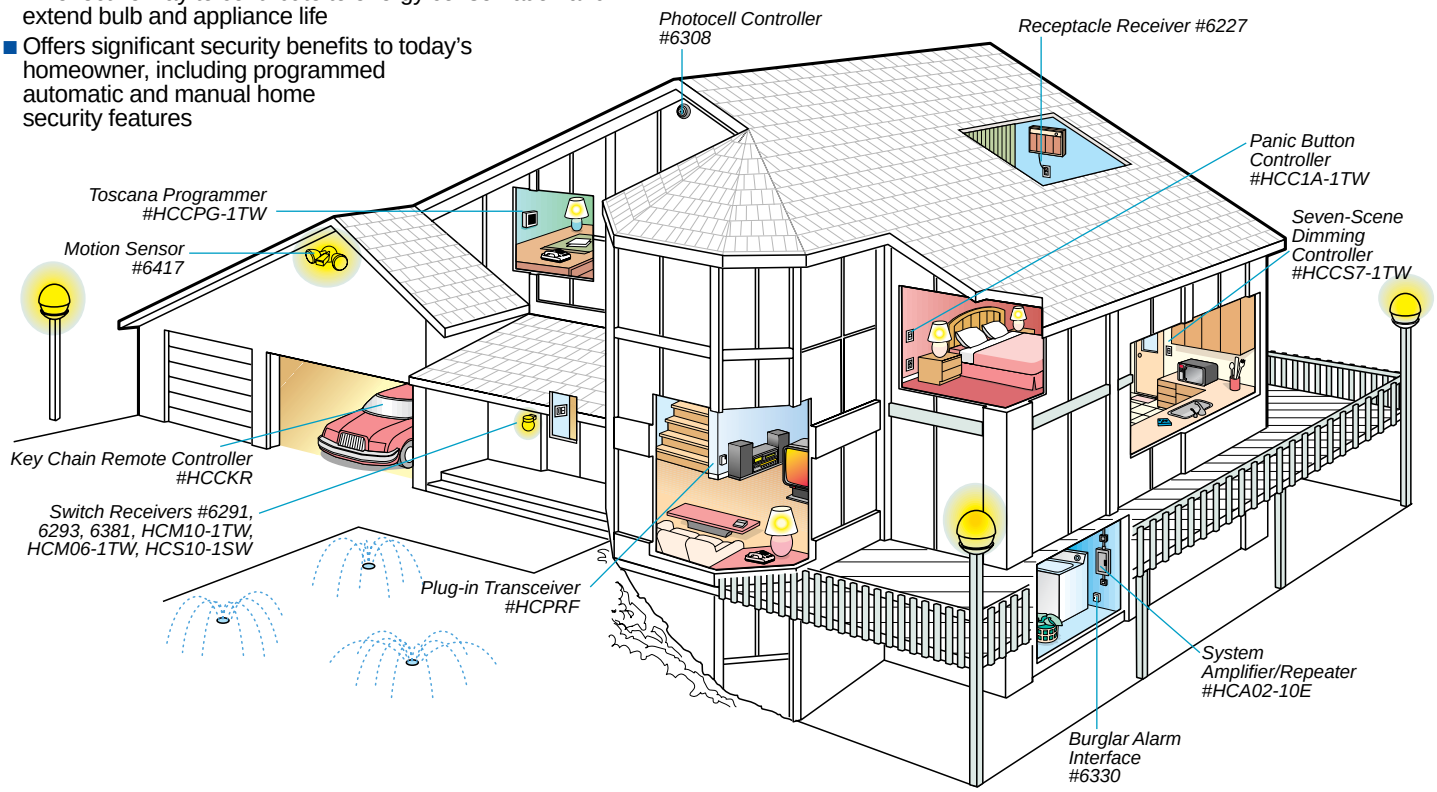
Residential Grade

DECORA HOME CONTROLS™

LEVITON
Building a Connected World

Features and Benefits

- A network of controllers and DHC switch, dimmer, fixture and receptacle receivers that communicate via unique coded switching signals over a home's AC wiring to automate control of lights and appliances
- DHC components replace switches and outlets, which simplifies installation compared with other automation systems that require dedicated proprietary wiring backbones.
- An effective way to contribute to energy conservation and extend bulb and appliance life
- Offers significant security benefits to today's homeowner, including programmed automatic and manual home security features



Enjoy Outstanding Home Automation Capabilities with Easy-to-Install, Decora Home Controls

DHC Controllers

DHC Controllers send control signals to user-specified DHC address throughout the network. Offering includes wall-mounted programmable, plug-in, tabletop, wireless hand-held, wall switch/dimmer and sensor units, plus models with 2-way communication.

Cat. No. HCCS7-1TW

DHC Receivers

DHC Receivers can be set to any of 256 DHC address codes for remote/manual control of incandescent, inductive, fluorescent, or low-voltage loads. They are available as receptacle, plug-in, fixture and multi-location wall switches and dimmer switches.

Cat. No. HCM10-1SW

Network Integrity Products

Leviton highly recommends installing these products in every DHC application. The System Coupler/Repeater ensures DHC signal integrity throughout the house. Panel-mount surge devices protect DHC components from transient voltage surges.

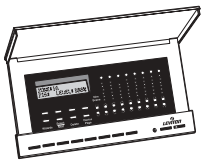
Cat. No. 51120-1

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DHC Powerline Programmers/Controllers

DESCRIPTION — CAT. NO.

Toscana™ Deluxe Programmer — A powerful home automation controller that provides one-touch access to up to 64 deluxe lighting scenes and direct remote control of up to 256 devices. Deluxe scenes can control up to 256 addresses to preset levels when used with HCS08-1TW, HCS10-1TW, HCM06-1TW and HCM10-1TW receivers. All other DHC receiver s can be included in deluxe scenes as ON/OFF loads. Use HCCS7-1TW as a remote to activate deluxe scenes. Toscana features 2-way communication to confirm locally initiated status changes on receivers with 2-way capability. It allows up to 64 timed events (appliances ON/OFF, lights ON/OFF/DIM /BRIGHT) including lights ON/OFF at dusk/dawn based on an astronomical clock. Permits input of real-named devices (e.g. "wall sconce") instead of device code (e.g. "B5"). Individual timed events or up to 3 groups of timed events can be run on a recurring basis. Built-in learning infrared receiver can learn up to16 button commands from any standard IR remote and trigger lighting events. Permanent memory feature guaranteed 20-year life. All PC software and Toscana upgrades provided for life. Mounts on standard 4-gang box. Shipped with white frame and white cover. Color changes kits available for other colors.



HCCPG-1TW

INTELLISENSE™

Rated: 120V 60Hz AC only. **Power Consumption:** 3 Watts

HCCPG-1TW

COLOR CHANGE KITS FOR TOSCANA

Cat. No. Ivory Cover/Ivory Frame	Cat. No. White Cover/White Frame	Cat. No. Almond Cover/Almond Frame	Cat. No. Smoke Cover/White Frame
DCKPG-0II	DCKPG-0WW	DCKPG-0AA	DCKPG-0SW

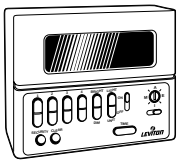
Table Top Controller★— Provides manual remote control for all 256 DHC addresses. Command functions include ON/OFF, ALL LIGHTS ON/ALL OFF and DIM/BRIGHTEN. The 6320 plugs into any 120 volt AC receptacle to transmit command signals over existing AC wiring.

Rated: 120V 60Hz AC only.

6320

6312-I

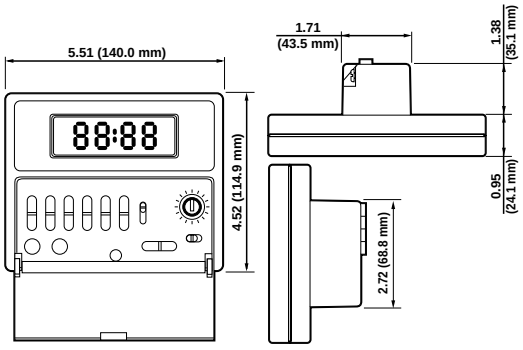
Basic Wall Mounted Programmer — A powerful home automation controller that is easy to install and use. Compact, low-profile unit fits in single-gang wallbox. Accepts up to four addresses; maximum two ON and two OFF commands per address. SECURITY mode randomly selects ON and OFF times to make an empty home appear occupied. ALL LIGHTS ON switch acts as a panic-button lighting system, switching on all DHC switch modules with one touch. DIM/BRIGHTEN command can automatically adjust lighting levels of all fixtures controlled by DHC dimming receivers. LED readout shows time and program status; battery back-up protects clock setting and program status for ten hours during power interruption. Available in Ivory, White, and Almond.



6312-I,-W, -A

Rated: 120V 60Hz AC only **Power Consumption:** 2.5 watts maximum

All devices are UL Listed. Also CSA Certified except where indicated by★



BASIC WALL MOUNTED PROGRAMMER—Cat. No. 6312

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.

SPECIFICATIONS & FEATURES

- Programmer adds user-devised scheduling to DHC automated control of lights and appliances for greater convenience, energy savings and security
- Programmer and Controllers send DHC switching commands over existing 60Hz 120V AC house wiring.
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

COLOR

Colors available as listed: Ivory (-I), White (-W), Almond (-A). See chart for Toscana color change kits.

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

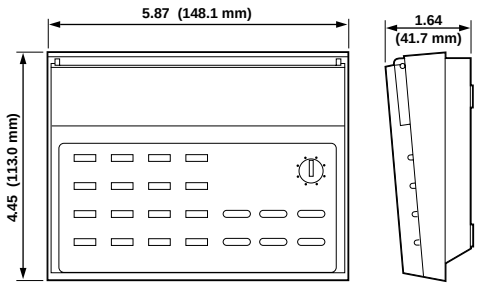
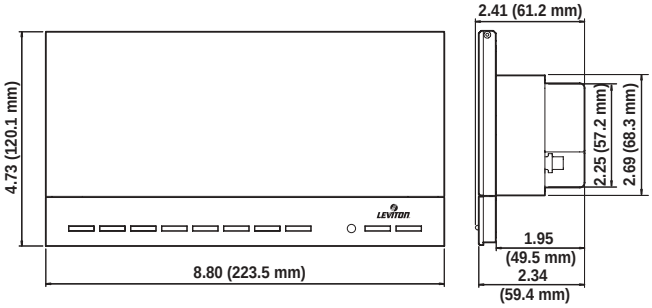


TABLE TOP CONTROLLER—Cat. No. 6320



TOSCANA CONTROLLER—Cat. No. HCCPG-1TW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

HCC10-1TW in 80301-W

HCC1D-1TW in 80301-W

DHC Powerline Carrier Wall Switch Controllers with 2-Way Communication

DESCRIPTION	CAT. NO.
One-Address ON/OFF Controller — One ON/OFF rocker transmits ON/OFF commands to one address. Illuminated green LED at bottom of face indicates unit is On. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC10-1TW INTELLISENSE™
ALL LIGHTS ON/ALL OFF Controller — One ALL LIGHTS ON/ALL OFF rocker transmits commands to all receivers set to the same letter code as this transmitter. Provides "Panic Button" lighting control for safety and security. NOTE: Receptacle receivers and Universal Low-Voltage Module (6337) will not respond to ALL ON command. Illuminated green LED at bottom of face indicates unit is On. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC1A-1TW INTELLISENSE™
One-Address Dimming Controller — One ON/OFF rocker transmits ON/OFF commands to one address in the same letter code group as this transmitter switch while the built-in arrow-shaped rocker transmits BRIGHT/DIM commands to that same address. Illuminated green LED at bottom of face indicates unit is On. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC1D-1TW INTELLISENSE™
Two-Address Dimming Controller — Two sets of ON/OFF buttons transmit ON/OFF commands to two sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. (Note: Shipped in White only. Order color change kit for Ivory and Almond). See page B4 for dimensional drawing of HCC2D-1TW.See page B4 for dimensional drawing of HCC2D-1TW.	HCC2D-1TW INTELLISENSE™

All devices are UL Listed and CSA Certified.

No more than 4 Controllers should be installed on a single branch circuit.

SPECIFICATIONS & FEATURES

- Fit in standard wallboxes and replace regular switches to provide DHC control capability as indicated in "Description"
- 2-Way Communication allows status of receivers changed manually to be reflected in the controller and allows computer-based controllers to register a status update
- Exclusive Intellisense™ technology for transmitting clear command signal without noise interference
- Uses existing 120V AC 60Hz wiring to send command signals
- Compatible with Decora screwless and standard Decora wallplates
- Green LED illuminates to confirm ON command is sent
- Decora styling coordinates with Leviton's popular Decora line; complements any interior
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 224A Tested (and others as appropriate)

COLOR

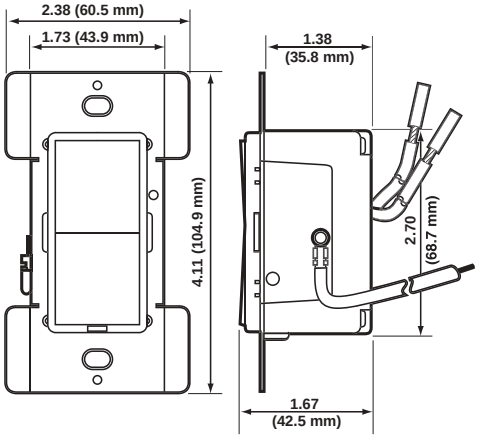
All devices are shipped in White only. See page B4 for compatible color change kits.

MATERIAL CHARACTERISTICS

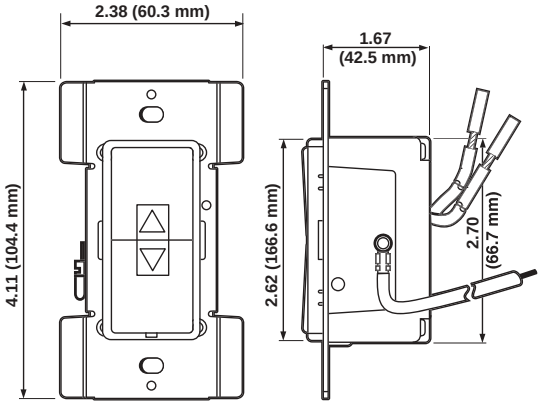
Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.



DHC CONTROLLER
Cat. Nos. HCC10-1TW and HCC1A-1TW



DHC CONTROLLER
Cat. No. HCC1D-1TW

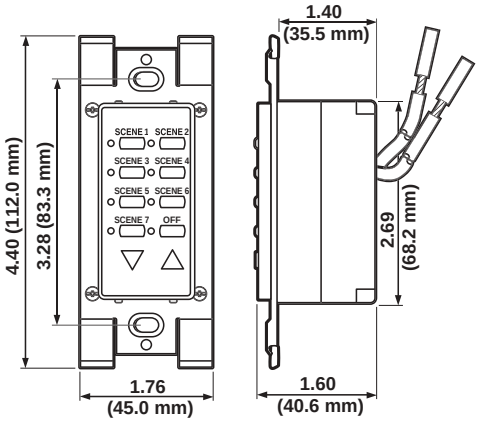
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DHC Powerline Carrier Wall Switch Controllers with 2-Way Communication

DESCRIPTION	CAT. NO.
Three-Address Dimming Controller — Three sets of ON/OFF buttons transmit ON/OFF commands to three sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC3D-1TW INTELLISENSE™
Four-Address Dimming Controller — Four sets of ON/OFF buttons transmit ON/OFF commands to four sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC4D-1TW INTELLISENSE™
Three-Address Dimming, ALL LIGHTS ON/ALL OFF Controller — Three sets of ON/OFF buttons transmit ON/OFF commands to three sequential addresses in the same letter code group as this controller. One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address. One set of ALL LIGHTS ON/ALL OFF buttons transmits commands to all receivers set to the same letter code as this transmitter. Receptacle receivers and Universal Low-Voltage Module (6337) will not respond to ALL ON command. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCC4A-1TW INTELLISENSE™
Seven-Scene Dimming Controller — Each of seven SCENE buttons transmits ON commands to preset levels to 12 sequential addresses in the same letter code group as this controller. (Note: 12-address sequence continues at address 1 if address 16 is reached before all 12 sequential addresses are completed.) For use with Scene Capable Receivers only: HCM10 (6343), HCM06 (16383), HCS10, HCS08, and HCP03. One set of SCENE BRIGHT/DIM buttons transmits SCENE BRIGHT/DIM commands to the most recently selected scene. One OFF button transmits OFF command to the most recently selected scene. (Note: Shipped in White only. Order color change kit for Ivory and Almond)	HCCS7-1TW INTELLISENSE™

The HCCS7-1TW utilizes extended code format. This command structure is compatible with Cat. No. HCA02-10E DHC System Amplifier/Coupler /Repeater but is not compatible with the older version of the System Amplifier Cat. No. 6201. All devices are UL Listed and CSA Certified.

No more than 4 Controllers should be installed on a single branch circuit.



DIMENSIONS FOR ALL DHC CONTROLLERS ON THIS PAGE (ALSO CAT. NO. HCC2D-1TW)
Cat. No. HCCS7-1TW Shown

COLOR CHANGE KITS

For Controller:	Compatible Color Change Kit		
	Cat. No. White	Cat. No. Ivory	Cat. No. Almond
HCC10-1TW, HCC1A-1TW	DRK0S-0LW	DRK0S-0LI	DRK0S-0LA
HCC1D-1TW	DRK1D-00W	DRK1D-00I	DRK1D-00A
HCC2D-1TW	DCK2D-00W	DCK2D-00I	DCK2D-00A
HCC3D-1TW	DCK3D-00W	DCK3D-00I	DCK3D-00A
HCC4A-1TW	DCK4A-00W	DCK4A-00I	DCK4A-00A
HCC4D-1TW	DCK4D-00W	DCK4D-00I	DCK4D-00A
HCCS7-1TW	DCKS7-00W	DCKS7-00I	DCKS7-00A

HCC4A-1TW in 80301-W

HCCS7-1TW in 80301-W

SPECIFICATIONS & FEATURES

- Fit in standard wallboxes and replace regular switches to provide DHC control capability as indicated in "Description"
- 2-Way Communication allows status of receivers changed manually to be reflected in the controller and allows computer-based controllers to register a status update
- Exclusive Intellisense™ technology for transmitting clear command signal without noise interference
- Uses existing 120V AC 60Hz wiring to send command signals
- Compatible with Decora screwless and standard Decora wallplates
- Green LED illuminates to confirm ON command is sent
- Decora styling coordinates with Leviton's popular Decora line; complements any interior
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 224A Tested (and others as appropriate)

COLOR

All devices are shipped in White only. See chart for compatible color change kits.

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

HCPRF-1TW & HCCUR

HCCKR-E

SPECIFICATIONS & FEATURES

- Leviton's Universal Remote Control works with DHC-controlled lighting and appliances as well as audio/video system components
- Ultra-compact Key Chain Remote adds to home security by allowing users to turn ON lighting as they approach entranceway, garage or driveway
- Plug-In Transceiver features Intellisense™ Technology for optimum reliability, 2-way signaling capability, and easy one-button programming. Must be used with Universal Remote and Key Chain Remote.
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-69519)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

COLOR

Colors available as listed.

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

DHC Wireless Remote Control Components

DESCRIPTION	CAT. NO.
Universal Remote Control — Hand-held wireless remote control sends RF (radio frequency) command signals to DHC Plug-In Transceiver Cat. No. HCPRF for up to 256 DHC addresses. With an operating range of up to 100 ft. through wall and ceilings, it sends ON/OFF, DIM/BRIGHT and ALL ON/ALL OFF commands for lighting and ON/OFF commands for appliances. The Universal Remote will also control audio and video equipment, including TV's, VCR's, cable boxes, satellite receivers, DVD and CD players and more. Functions as an all-in-one controller for lighting and audio/video systems, making it ideal for home theaters. Universal design also makes it suitable for the elderly and physically challenged. Dual built-in timers can shut off TV and/or DHC devices up to ninety minutes after setting. Uses 2 AAA batteries. Must be used with HCPRF Transceiver. Color: Black. Replaces Cat. No. 6313	HCCUR
Plug-In Transceiver — Accepts RF DHC commands from the Universal Remote Cat. No. HCCUR for ON/OFF, DIM/BRIGHT and ALL ON/ALL OFF, as well as ON/OFF commands from the Key Chain Remote Cat. No. HCCKR. The Plug-In Transceiver works with all DHC receivers by re-transmitting commands signals onto the home's existing electrical wiring. Plugs into any standard receptacle and provides a built-in outlet for ON/OFF switching of incandescent lamps rated 300W max. @ 120V AC. The lamp can be controlled remotely or locally via the programming button on the face of the Transceiver, which can also be used to change the unit's DHC address. Features Intellisense™ Technology to ensure optimum system performance. 2-Way communication permits local status of attached lamp to show on all 2-Way capable DHC controllers. Multiple HCPRF Transceivers can be used to increase coverage in large homes. Unit will re-transmit commands for up 256 DHC addresses. Color: White. Replaces Cat. No. 6314-W	HCPRF-1TW INTELLISENSE™
Key Chain Remote Controller — Designed to fit on a key chain and send RF (radio frequency) command signals to DHC Plug-In Transceiver Cat. No. HCPRF. With an operating range of up to 75 ft. through wall and ceilings, it sends ON/OFF commands for any 2 sequential DHC addresses (addresses are user programmable). Ideal for control of home lighting from a vehicle when entering garage or driveway. Uses long-life 3V CR2032 lithium battery (included). Must be used with HCPRF Transceiver. Color: Black. Replaces Cat. No. 6332 **Note:** Cat. No. HCCUR is CSA Certified only. Cat. No. HCPRF-1TW is UL Listed, CSA Certified and NOM Certified. UL and CSA not required for Cat. No. HCCKR-E	HCCKR-E

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

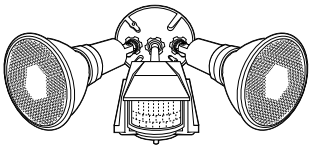
DHC Powerline Carrier Controllers

DESCRIPTION	CAT. NO.

Passive Infrared Controller — A motion-sensing light control ideal for use in outdoor locations, such as backyards, garages and storage buildings. Built-in infrared sensing technology monitors 4,000-sq. ft. field, 110 degrees wide, up to 40 feet in front of unit. When the 6417 senses motion in its field of view, it can respond by sending two types of signals: ON commands to Receivers set to control lights at four sequential system addresses, and MOTION DETECTED signals to other 6417's set to the same address. As long as the source of infrared radiation remains in the 6417 sensor field, it continues to send ON signals every six seconds to these addresses, providing the convenience of continuous illumination along a path from a garage to an entranceway, or around an entire residence, if desired. It can also turn on an inside lighting fixture as well as outdoor fixtures to help deter intruders.

The 6417 is encased in a moisture-resistant housing. The control panel includes sensitivity adjustments to prevent nuisance tripping by small animals and a time delay to set the length of time the lights stay on (6 seconds to 30 minutes). Manual override of the 6417 controller can be achieved with the use of an HCC10-1TW Controller.

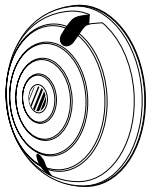
Passive Infrared Transmitter installs easily into standard round outdoor junction box and comes complete with mounting plate, control unit, par lampholders and complete installation and operating instructions. Color: Brown.



6417

6417

Photocell Controller — Automatically senses approaching darkness and responds by sending ON commands to as many as four groups of DHC Receivers (all receiver modules in each group must be set to the same Letter Code). The Receiver Modules respond by turning lights ON inside or outside the home. The 6308 will also transmit OFF commands in response to a user-selected number of hours that it's been ON, or in response to approaching daylight. The Receivers respond by turning their assigned lighting loads inside or outside the home OFF. The 6308 mounts on a standard round or GEM electrical box. Color: Gray.



6308

6308

All devices are UL Listed only, not CSA Certified.

SPECIFICATIONS & FEATURES

- DHC Passive Infrared Sensor/Transmitters can work alone or in multiple arrays to turn on designated lighting inside and outside the home when motion is detected for improved security and safety
- Up to four transmitters can be wired into a single branch circuit
- Photocell Sensor/Transmitters can add "night watchman" automated switching capability to any DHC network
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

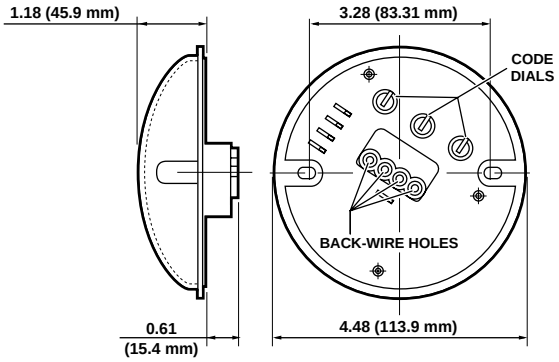
COLOR

Colors available as listed.

MATERIAL CHARACTERISTICS

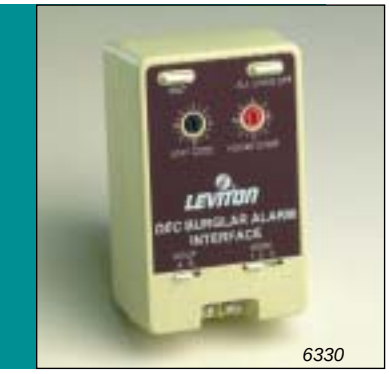
Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

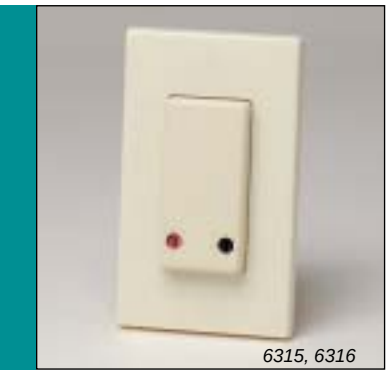


PHOTOCELL TRANSMITTER
Cat. No. 6308

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



6330


6315, 6316

SPECIFICATIONS & FEATURES

- Burglar Alarm Interface connects to existing intrusion alarms, issuing flashing light commands to DHC switching modules when tripped for improved security
- Up to four transmitters can be wired into a single branch circuit
- Dry Contact Transmitters link signaling from photocells, infrared sensors, security systems, motion sensors, and other dry contact transmitters to DHC controlled devices
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

COLOR

Colors available as listed.

MATERIAL CHARACTERISTICS

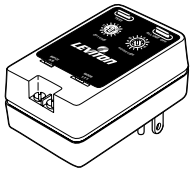
Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

DHC Powerline Carrier Controllers

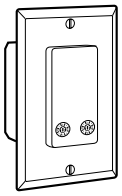
DESCRIPTION	CAT. NO.

Burglar Alarm Interface — Simply plugs into a grounding 15 Amp receptacle. Connects to an existing intrusion alarm and turns lights ON whenever the alarm is tripped. Provides choice of 3 modes of light switching when activated. Either a low-voltage input (6-18V AC, DC or audio) or a dry contact closure can trigger the 6330. The unit has a test button that permits activation whether or not the device is connected to an alarm system. The ALL OFF button turns OFF anything that was turned ON by the unit. Available Color: Ivory.



6330

Dry Contact Controllers★— Allow monitoring of up to four dry contact closures. No. 6315 Maintained Contact Transmitter sends ON or OFF command signals in response to contact opening or closure. No. 6316 Momentary Contact Transmitter sends ON or OFF command signals in response to contact closure, and no command signal upon contact openings. These units can be used with photocells, infrared sensors, security system, motion sensors, and any other dry-contact-based sensors. Installs in a single-gang wallbox. Color: Ivory.

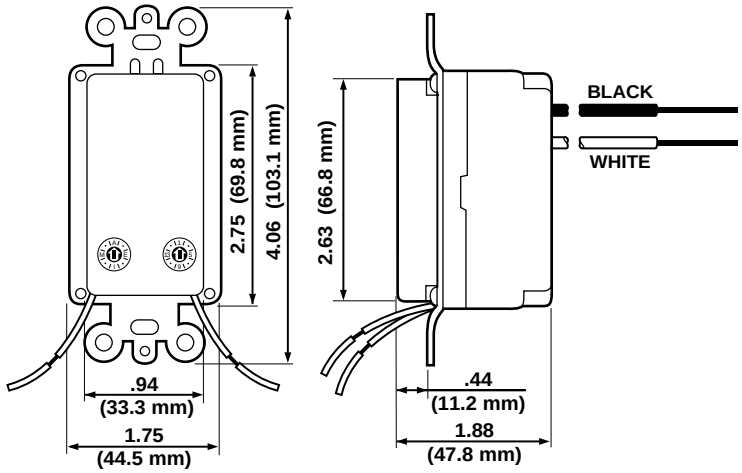

6315, 6316

Power to control side: 125V 60Hz AC Only.

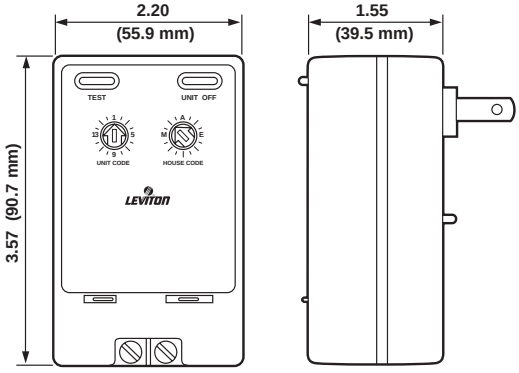
LV LEAD COLOR	TRANSMITS TO
Blue	A1*
Orange	A2*
Yellow	A3*
Brown	A4*

*Or any four sequential address codes within the same Letter Code group as the Transmitter.

All devices are UL Listed. Also CSA Certified except where indicated by★



MAINTAINED DRY CONTACT TRANSMITTERS
Cat. No. 6315 & 6316



BURGLAR ALARM INTERFACE
Cat. No. 6330

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DHC Network Integrity Products

DESCRIPTION	CAT. NO.

System Amplifier/Coupler/Repeater with Built-in Test signal Generator— Performs a variety of functions to ensure outstanding DHC system performance and reliability. Couples transmitter (programmer and controller) signals generated on the 120V leg where the transmitter draws power onto the other leg in a 120/240V single-phase 3-wire residential wiring system. The HCA02-10E also amplifies and repeats command signals to maintain proper signal strength through the DHC system. Green pilot light indicates unit has power. Lamp will indicate when signal is being transmitted. Features Intellisense™ Technology to help ensure top performance even when noise is present on the AC powerline. The error lamp indicates the Intellisense feature is activated. The unit provides convenient test signal transmission for easy signal strength verification at individual DHC module locations using Leviton's Cat. No. 6386 Signal Strength Indicator.

The HCA02-10E should be installed at the main panel on its own dedicated 15A breaker in accordance with NEC requirements. **The HCA02-10E cannot be used in a 3-phase system.**

Note: A Cat. No. HCA02-10E System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.

HCA02-10E

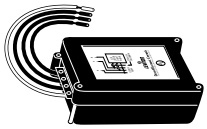
INTELLISENSE™

HCA02-10E

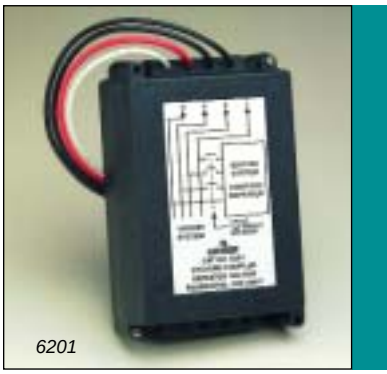
System Amplifier*— Couples transmitter (programmer and controller) signals generated on the 120V leg where the transmitter draws power onto the other leg in a 120/240V system or any phase of a 3-phase 120/208V residential wiring system. Pilot light indicates DHC signal is transmitting. Use Cat. No. HCA02-10E in installations requiring Intellisense™ noise immunity.

The 6201 should be installed at the main panel on its own dedicated 15A breaker in accordance with NEC requirements. **The 6201 is designed for use in a 3-phase 120/208V residential system.**

Note: A System Amplifier must be installed in all panels in every DHC installation to ensure adequate signal strength.



6201



6201

*Cat. No. 6201 is not compatible with HCCS7-1TW Scene Lighting Controller
All devices are UL Listed and CSA Certified

SPECIFICATIONS & FEATURES

- Cat. No. HCA02-10E System Amplifier/Coupler/Repeater must be installed in all DHC installations to ensure adequate signal strength.
- Use Cat. No. 6201 System Amplifier for 3-phase 120/208V applications (not compatible with HCCS7-1TW Scene Controller).
- Backed by a Limited Two-Year Warranty

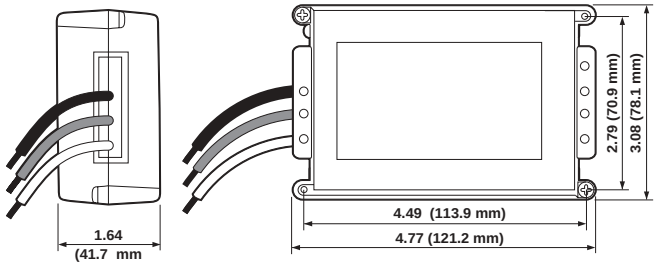
TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR3413)
- UL 244A Tested (and others where applicable)

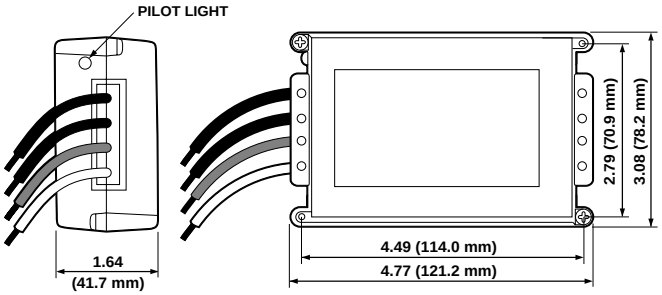
MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

Operating Temperature: -40°C to 120°C



SYSTEM AMPLIFIER/COUPLER/REPEATER
Cat. No. HCA02-10E



SYSTEM AMPLIFIER
Cat. No. 6201

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

51110-PTC

51120-1

SPECIFICATIONS & FEATURES

- Real-time diagnostic visual indicator shows power and suppression status for each protected phase
- Cat. No. 51110-PTC Multimedia Panel protects AC, phone/fax/modem, and CATV/Satellite lines from transient voltage surges
- Cat. No. 52120-M2H features user-replaceable surge modules
- Backed by a Limited 10-Year Warranty

TESTING & CODE COMPLIANCE

- Listed to UL 1449 (2nd edition) Standards
- UL Listed (File #E-146315)
- CSA Certified (File #LR94773)

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

Operating Temperature: -40°C to 120°C

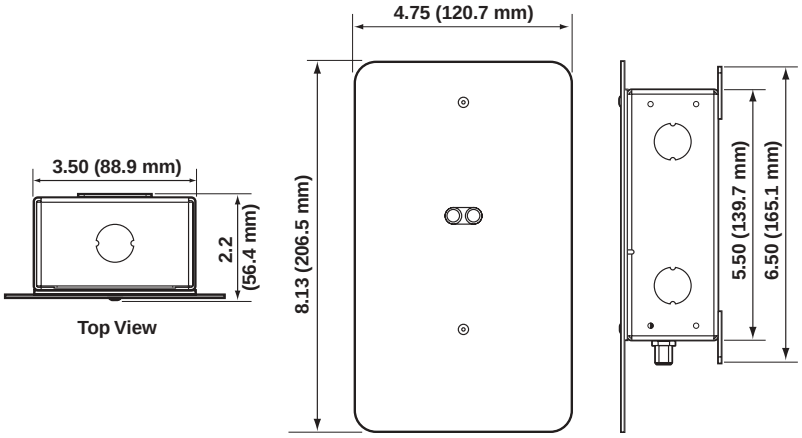
DHC Network Integrity Products

Panel Mounted Surge Protective Devices (SPD) — Provides homes with protection from high-energy transient voltage surges that can damage sensitive electronic circuits in computers, audio and video components and electronic appliances. DHC components incorporate micro circuitry and Leviton highly recommends protecting the DHC network from powerline surges. Leviton Panel Mount devices feature unique hybrid suppression circuitry for outstanding surge protection. The following devices are compatible with all DHC components.

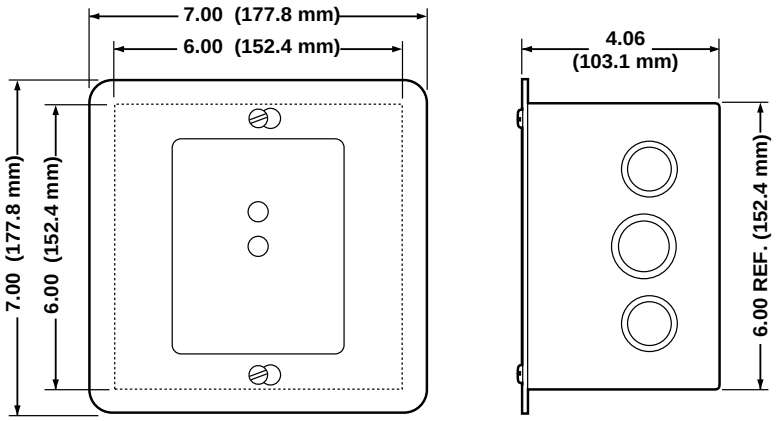
Description	Cat. No.	Max. Surge Current L-N (8 x 20µs wave)	UL 1449 Rating L-N
120/240V AC, Single-Phase. Standard J-box metal enclosure with pre-punched standard knockouts.	51120-1	50kA	500V
120/208V AC, 3-Phase WYE. Standard J-box metal enclosure with pre-punched standard knockouts.	51120-3	50kA	500V
120/240V AC, Single-Phase. NEMA 3R enclosure suitable for outdoor use	51120-3R	50kA	800V
120/240V AC, Single-Phase. Features sine wave tracking, redundant protection and replaceable surge modules. NEMA 12 enclosure with hinged cover.	52120-M2H	100kA	400V
120/240V AC, Single-Phase Multimedia Panel. Provides surge protection for AC powerline, 2-pairs of phone/fax/modem connections, and dual CATV/Satellite feeds using F connectors. Painted steel NEMA 1 enclosure with four perforated 7/8" knockouts.	51110-PTC	AC: 48kA Tel: 1.9kA @ 3.8kV CATV: 2kA	AC: 400V Tel: 220V CATV: 25V

All devices are UL Listed and CSA Certified.

Note: A Panel Mount Surge Protective Device should be installed at the service panel in every DHC installation.



MULTIMEDIA PANEL SURGE PROTECTIVE DEVICE
Cat. No. 51110-PTC



PANEL MOUNTED SURGE PROTECTIVE DEVICE
Cat. No.51120-1,-3

DHC Powerline Carrier Wall Switches

DESCRIPTION	CAT. NO.

Single-Pole (One Location) or 3-Way (Multi-Location) Dimming Switch with Scene Control — Provides manual and remote ON/OFF switching and full range dimming for larger incandescent and magnetic low-voltage lighting loads such as chandeliers and multiple high-hats. Provides scene control capability when used with DHC Scene Controller Cat. No. HCCS7-1TW (backward compatible with 16400/16450-S and 16400/16450-SD units). Also provides multi-station manual and remote ON/OFF switching and full range dimming when used with Cat. No. MS00R-1 Multi-Remote Unit. Equipped with Intellisense (gated automatic gain control) for outstanding performance and reliability.

Responds to ON, OFF, DIM, BRIGHT, ALL LIGHTS ON/ALL OFF and SCENE LIGHTING commands. Preset feature turns lights ON at last selected brightness level. Soft ON/Fade OFF feature provides eye-pleasing effect and extended bulb life. Protected memory maintains lighting level during minor power fluctuations. Wires easily into standard wall box. Neutral connection not required for incandescent loads. Packed with Ivory and White Rocker and Frame Kits. Kits for other colors must be purchased separately (See Chart).

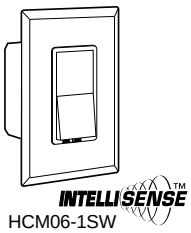
Rated: 120V AC 60Hz, 1000W Incandescent,1000VA Magnetic Low-Voltage Lighting

HCM10-1SW

Single-Pole (One Location) or 3-Way (Multi-Location) Dimming Switch with Scene Control — Provides manual and remote ON/OFF switching and full range dimming for incandescent and magnetic low-voltage lighting loads such as chandeliers and multiple high-hats. Provides scene control capability when used with DHC Scene Controller Cat. No. HCCS7-1TW (backward compatible with 16400/16450-S and 16400/16450-SD units). Also provides multi-station manual and remote ON/OFF switching and full range dimming when used with Cat. No. MS00R-1 Multi-Remote Unit. Equipped with Intellisense (gated automatic gain control) for outstanding performance and reliability.

Responds to ON, OFF, DIM, BRIGHT, ALL LIGHTS ON/ALL OFF and SCENE LIGHTING commands. Preset feature turns lights ON at last selected brightness level. Soft ON/Fade OFF feature provides eye-pleasing effect and extended bulb life. Protected memory maintains lighting level during minor power fluctuations. Wires easily into standard wall box. Neutral connection not required for incandescent loads. Packed with Ivory and White Rocker and Frame Kits. Kits for other colors must be purchased separately (See Chart).

Rated: 120V AC 60Hz, 600W Incandescent, 600VA Magnetic Low-Voltage Lighting

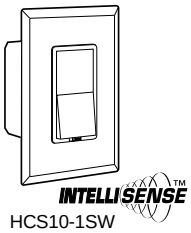


HCM06-1SW

Single-Pole (One Location) or 3-Way (Multi-Location) Switch with Scene Control — Provides manual and remote ON/OFF switching for incandescent, fluorescent and low-voltage lighting with magnetic ballasts such as track lighting, chandeliers and multiple high-hats. Provides scene control capability when used with DHC Scene Controller Cat. No. HCCS7-1TW (backward compatible with 16400/16450-S and 16400/16450-SD units). Also provides multi-station manual and remote ON/OFF switching when used with Cat. No. MS00R-1 Multi-Remote Unit. Equipped with Intellisense (gated automatic gain control) for outstanding performance and reliability. Requires Cat. No. 6287 when used with electronic loads such as compact fluorescent lamps.

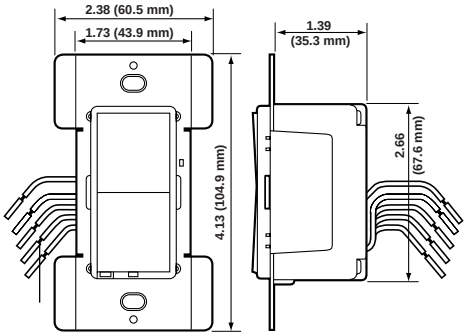
Responds to ON, OFF, ALL LIGHTS ON/ALL OFF and SCENE LIGHTING commands. Wires easily into standard wall box. Neutral Connection Required. Packed with Ivory and White Rocker and Frame Kits. Kits for other colors must be purchased separately (See Chart).

Rated: 10A 120V AC 60 Hz, 1200W Incandescent, 1200VA Fluorescent and Magnetic Low-Voltage Lighting

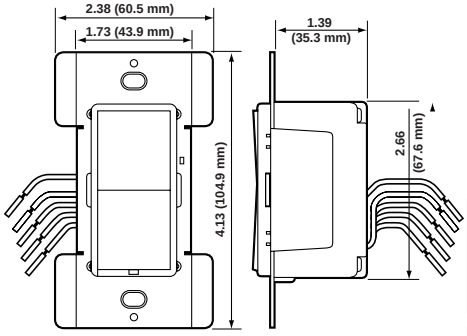


HCS10-1SW

All devices are UL Listed and CSA Certified.



DIMMING SWITCH WITH SCENE CONTROL
Cat. Nos. HCM10-1SW & HCM06-1SW



SWITCH WITH SCENE CONTROL
Cat. No. HCS10-1SW

HCM10-1SW, HCM06-1SW in 80301-W

HCS10-1SW in 80301-W

SPECIFICATIONS & FEATURES

- Fit in standard wallboxes and replace regular switches to provide manual and remote ON/OFF switching (all units), dimming (except HCS10-1SW) and Scene Lighting Control
- Leviton's exclusive Intellisense™ virtually eliminates signal problems due to line noise
- Use existing 60Hz 120V AC house wiring to add multi-location switching without resorting to complicated and costly conventional wiring means
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File # LR-54628)
- UL 244A Tested (and others where appropriate)

COLOR

Colors available as indicated. See chart for Rocker and Frame Color Change Kits (must be purchased separately)

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

Operating Temperature: -40°C to 120°C

Rocker and Frame Kits for HCM10-1SW & HCM06-1SW					
Cat. No. Mahogany	Cat. No. Ivory	Cat. No. White	Cat. No. Gray	Cat. No. Almond	Cat. No. Black
———	DRK0D-1LI	DRK0D-1LW	DRK0D-1LG	DRK0D-1LA	DRK0D-1LE

Rocker and Frame Kits for HCS10-1SW					
Cat. No. Mahogany	Cat. No. Ivory	Cat. No. White	Cat. No. Gray	Cat. No. Almond	Cat. No. Black
———	DRK0S-0LI	DRK0S-0LW	DRK0S-0LG	DRK0S-0LA	DRK0S-0LE

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

HCM10-1DW in 80301-W

HCS08-1TW in 80301-W

SPECIFICATIONS & FEATURES

- New One Button Programming
- Provide Scene Control capability when used with DHC Scene Controller HCCS7-1TW and HCCPG-1TW Toscana Programmer. Also backward compatible with 16400/16450-S and 16400/16450-SD Scene Controllers
- Receivers provide multi-station manual and remote On/Off switching and full-range dimming. Use MSOOR-10 Multi-Remote Unit (wall switch SW and DW suffix ONLY)
- Soft On/Fade Off brightness levels allowing extended bulb life
- Memory of last scene eliminating readjust settings — (HCS08-1TW and HCS10-1SW provide On/Off switch ONLY)
- Fits in standard wall boxes
- All devices come with Intellisense® technology providing the utmost in reliability
- Protected memory during minor power fluctuations
- LED locator light alongside rocker for convenience — on DW or TW suffix
- Packed with Ivory and White snap-on rocker/frame kit; optional snap-on rocker/frame color change kits sold separately. See color change kit chart

TESTING & CODE COMPLIANCE

- UL Listed to File No. E31373
- CSA Certified to File No. LR3413
- NOM Certified #057

COLOR

Colors available as indicated. See chart for Rocker and Frame Kits (must be purchased separately)

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

Operating Temperature: -40°C to 120°C

DHC Powerline Carrier Wall Switches with One-Button Programming

Scene-Capable Receiver with One-Button Programming — The new DHC Scene-Capable Receivers provide one-button programming for scene and address capturing. All feature Leviton's exclusive Intellisense® to ensure top performance and reliability even when noise is present on the AC powerline.

Dimming Wall Switch Receivers provide manual and remote ON/OFF switching and full-range dimming for incandescent and magnetic low-voltage lighting loads. The new HCS08-1TW Electronic Switch Receiver (non-dimming) provides manual and remote ON/OFF switching for incandescent, magnetic low-voltage, fluorescent and compact fluorescent lighting. The new HCP03-10W Plug-In Module allows remote ON/OFF switching and full-range dimming for freestanding lamps, incorporating them into the lighting scenes. All Switch Receivers come with a locator LED. Dimming models feature an LED brightness level display and a preset feature that turns lights ON at the last selected brightness level. Double Tap feature immediately adjusts light to full brightness without affecting the last selected brightness level. All -T Receivers allow 2-way status tracking with the DHC Toscana™ Deluxe Programmer and new 2-way capable controllers when receivers are changed locally.

Typical applications include home theaters, dining rooms, chandeliers, living rooms with multiple high-hats, entranceways, and a wide range of mood lighting applications.

DESCRIPTION	CAT. NO.	RATING	COLOR
600 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming and LED brightness display	HCM06-1DW	600W, 125V AC Incandescent, 600VA (450W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
1000 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming and LED brightness display	HCM10-1DW	1000W, 125V AC Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
600 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	HCM06-1TW	600W, 125V AC Incandescent, 600VA (450W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
1000 Watt Scene-Capable Dimming Wall Switch Receiver with One-Button Programming, 2-Way Communication and LED brightness display. Neutral connection required	HCM10-1TW	1000W, 125V AC Incandescent, 1000VA (750W) Magnetic Low-Voltage Lighting	White (Ivory kit included)
1000W/1000VA 8 Amp Scene-Capable Electronic Switch Receiver (non-dimming) with One-Button Programming and 2-Way Communication. Neutral connection required	HCS08-1TW	8 Amp, 125V AC 1000W Incandescent, 1000VA (750W) Fluorescent & Magnetic Low-Voltage Lighting	White (Ivory kit included)
300 Watt Scene-Capable Dimming Plug-In Lamp Module with One-Button Programming	HCP03-10W	300W, 125V AC Incandescent	White Only

All devices are UL Listed and CSA Certified.

Special Note: As with any dimmer, derating for multiple gang installations is required for Wall Switch Receivers.

Use Leviton Power Extenders to extend the load capacity of DHC Dimming Wall Switch Receivers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

Note: A Cat. No. HCA02-10E System Amplifier must be installed at the main panel in every DHC installation to ensure adequate signal strength.

COLOR CHANGE KITS FOR WALL SWITCH RECEIVERS (ROCKER AND FRAME)

For Receiver:	Compatible Color Change Kit					
	Cat. No. Mahogany	Cat. No. Ivory	Cat. No. White	Cat. No. Gray	Cat. No. Almond	Cat. No. Black
HCM06/10-1SW	———	DRK0D-1LI	DRK0D-1LW	DRK0D-1LG	DRK0D-1LA	DRK0D-1LE
HCM06/10-1DW	———	DRKDD-1LI	DRKDD-1LW	DRKDD-1LG	DRKDD-1LA	DRKDD-1LE
HCM06/10-1TW	———	DRKDD-1LI	DRKDD-1LW	DRKDD-1LG	DRKDD-1LA	DRKDD-1LE
HCS08-1TW	———	DRK0D-1LI	DRK0D-1LW	DRK0D-1LG	DRK0D-1LA	DRK0D-1LE
HCS10-1SW	———	DRK0S-1LI	DRK0S-1LW	DRK0S-1LG	DRK0S-1LA	DRK0S-1LE

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DHC Powerline Carrier Wall Switch Receivers

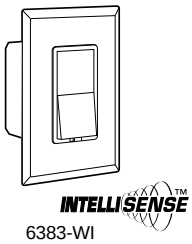
DESCRIPTION	CAT. NO.

Multi-Location Incandescent Dimming Switch — Provides multi-station manual and remote switching and full-range dimming. When used with a 6294 Remote Switch equipped with Intellisense (gated automatic gain control) for outstanding performance and reliability.

Responds to ON, OFF, DIM, BRIGHT, and ALL LIGHTS ON/ALL OFF commands. Preset feature turns lights ON at last selected brightness level. Soft ON/Fade OFF feature provides eye-pleasing effect and extended bulb life. Protected memory maintains lighting level during minor power fluctuations. Built-in RFI filter. Wires easily into standard wall box. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart).

Rated: 120V AC 60Hz
500W max. Incandescent
60W min.

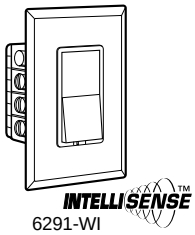
Note: To avoid overheating and possible damage to these units and other equipment, do not use the Cat. No. 6383 to control a receptacle, fluorescent lighting, motor-operated appliances or transformer-supplied loads. When the 6383 is ganged with any other device, the 6383 should not be loaded beyond 400W for a double-gang, or beyond 300W when three or more are ganged together.



6383-WI

Single-Pole (One Location) Switch — Equipped with Intellisense (gated automatic gain control) and provides manual and remote ON/OFF control. Can be set to any of 256 DHC address codes to switch incandescent, inductive or resistive loads where dimming is not required. Responds to ON, OFF, ALL LIGHTS ON/ALL OFF commands. Wires easily into standard wall box using terminal screws. Neutral Connection Required. Pilot light is ON when switch is ON. Code wheels are located beneath rocker plate. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart). Requires Cat. No. 6287 when used with electronic loads such as compact fluorescent lamps.

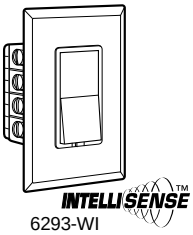
Rated: 15A 120V AC 60Hz Incandescent, Inductive or Resistive



6291-WI

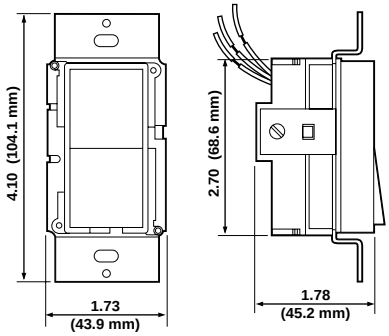
3-Way (Multi-Location) Switch — Equipped with Intellisense (gated automatic gain control). Provides manual and remote ON/OFF control in multi-station switching circuits when used in conjunction with one or more Cat. No. 6294 Remote Switches. The 6293 can be set to any of 256 DHC address codes to switch incandescent, inductive or resistive loads where dimming is not required. Responds to ON, OFF, ALL LIGHTS ON/ALL OFF commands. Wires easily into standard wall box using terminal screws. Neutral Connection Required. Pilot light is ON when switch is ON. Code wheels are located beneath rocker plate. For proper operation, the total length of traveler wire between Multi-Location Switch and Remote should not exceed 90 feet. Packed with Ivory and White Rocker and Frame. Kits for other colors must be purchased separately (See Chart).

Rated: 15A 120V AC 60Hz Incandescent, Inductive or Resistive

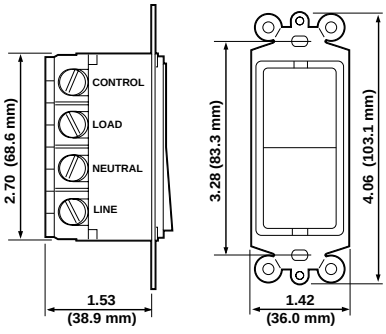


6293-WI

All devices are UL Listed and CSA Certified.



SINGLE-POLE INCANDESCENT DIMMING SWITCH Cat. No. 6383-WI



SINGLE POLE, 3-WAY SWITCH Cat. Nos. 6291-WI, 6293-WI

6383-WI in 80301-W

6293-WI in 80301-W

SPECIFICATIONS & FEATURES

- Fit in standard wallboxes and replace regular switches to provide manual and remote ON/OFF switching of lighting and appliances. 6381-WI dimming switch rated for incandescent lighting only
- Leviton's exclusive Intellisense™ virtually eliminates signal problems due to line noise
- Use existing 60Hz 120V AC house wiring to add multi-location switching without resorting to complicated and costly conventional wiring means
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- UL 244A Tested (and others where appropriate)

COLOR

Colors available as indicated. See chart for Rocker and Frame Kits (must be purchased separately)

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

Operating Temperature: -40°C to 120°C

Rocker and Frame Kits for 6383 Switch					
Cat. No. Mahogany	Cat. No. Ivory	Cat. No. White	Cat. No. Gray	Cat. No. Almond	Cat. No. Black
6081-M	6081-I	6081-W	6081-GY	6081-A	——
Rocker and Frame Kits for 6291 and 6293 Switch					
6091-M	6091-I	6091-W	6091-GY	6091-A	——

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

MS00R in 80301-W

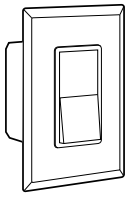
6371-I in 80301-I

DHC Powerline Carrier Wall Switch Receivers

DESCRIPTION	CAT. NO.

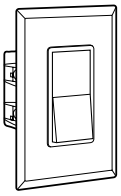
3-Way and 4-Way (Multi-Location) Remote Dimming Switch — This unit is only for use as a remote switch with DHC Cat. Nos. HCM06/10-1SW, HCM06/10-1DW and HCS10-1SW Multi-Location Switches with Scene Capability. The MS00R-1 provides ON/OFF and DIM/BRIGHT 3-Way, 4-Way and higher-level control in conjunction with these units (Note: HSC10-1SW Switch does not provide DIM/BRIGHT control). The MS00R-1 cannot be used for any other purpose in the DHC network. Available in Ivory (-10I), White (-10W), and Almond (-10A). Kits for other colors must be purchased separately (See Chart).

No Load Rating — For use with HCM06/10-1SW, HCM06/10-1DW and HCS10-1SW units with scene capability only

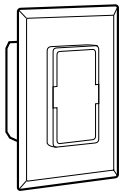

MS00R-1

3-Way and 4-Way (Multi-Location) Remote Switch — For use with DHC Cat. No. 6293 Multi-Location Switches as a remote switch. The 6294 provides 3-Way, 4-Way and higher-level control in conjunction with these units. It cannot be used for any other purpose in the DHC network. The unit wires easily into standard wall box using terminal screws. For proper operation, the total length of traveler wire between Multi-Location Switch and Remote should not exceed 90 feet. Available in Mahogany (no dash), Ivory (-I), White (-W), Almond (-A) and Gray (-GY). Specify color(s) when ordering, as snap-on cover and frame kits cannot be used with the 6294.

No Load Rating — For use with 6293 and 6383 units only


6294

Double Pole Wall Switch — Equipped with Intellisense (gated automatic gain control). Provides local and remote ON/OFF control. Responds to ON/OFF and ALL OFF commands from controllers. Can be set to any of the 256 DHC address codes. Intended for control of pool pumps, air conditioning units, spa heaters and pumps, and other large residential loads. Wire easily into any standard wall box by means of six-inch leads. Available in Ivory only.


INTELLISENSE™
6371-I

Rated: 20A 2 HP 250V AC 60Hz

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Remote Units add multi-location capability to dimmer and switch receivers
- Fit in standard wallboxes to replace regular switches
- Leviton's exclusive Intellisense™ virtually eliminates command signal problems due to line noise
- 6371-I Heavy-duty appliance switch available for automated control of heavy-duty loads such as air conditioning and pool pumps
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File # LR-54628)
- UL 244A Tested (and others where appropriate)

COLOR

Colors available as listed

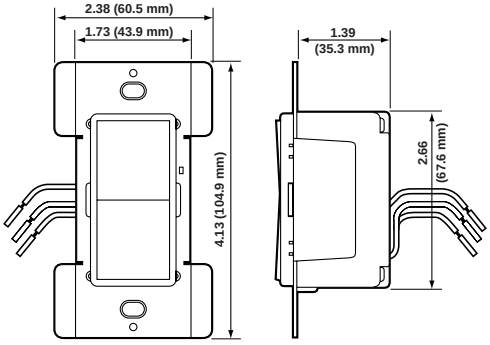
HORSEPOWER

Cat. No 6371-I: 2 HP @ 250V 20A

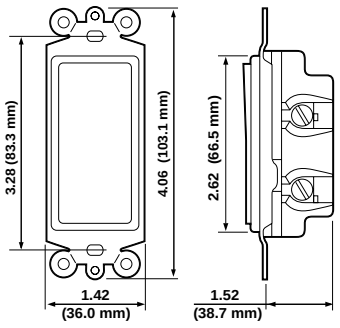
MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V-2 Rating

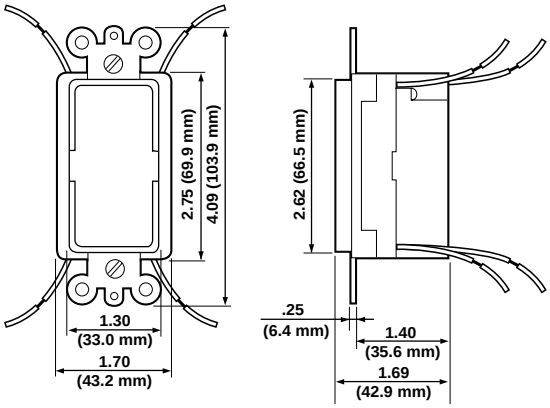
Operating Temperature: -40°C to 120°C



REMOTE DIMMING SWITCH
Cat. No. MS00R-10



REMOTE SWITCH
Cat. No. 6294



DOUBLE POLE SWITCH
Cat. No. 6371-I

Rocker and Frame Kits for MS00R-10 Switch					
Cat. No. Mahogany	Cat. No. Ivory	Cat. No. White	Cat. No. Gray	Cat. No. Almond	Cat. No. Black
———	DRK0R-00I	DRK0R-00W	DRK0R-00G	DRK0R-00A	DRK0R-00E

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DHC Powerline Carrier Receivers

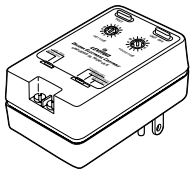
DESCRIPTION	CAT. NO.

Universal Low Voltage Module — Almost any device operated at low voltages can now be automated using the 6337. This receiver interfaces between the low voltage device and the 120V AC wiring network. It receives an ON or OFF command from DHC Transmitters and can operate sprinkler systems, designated lighting, skylight closures, heating systems, garage door openers and other lighting and motor loads. Simply connect LV wiring to the screw terminal on the module and plug it into any 120V wall outlet.

In addition to switching contacts, the 6337 has a built-in alarm that can be set to sound whenever the switch contacts are closed. The 6337 can be set to operate the relay only, the alarm only, or both the relay and the alarm.

The 6337 can also be set for momentary operation so that the relay and/or the alarm will be turned on for approximately two seconds in response to any ON command. Does not respond to ALL LIGHTS ON or DIM/BRIGHT commands.

Rated: 120V 60Hz AC only. **Contacts:** 5A 12V DC, 100VA 30V DC Inductive

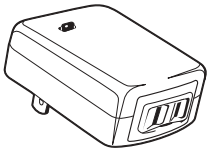


6337

6337

Scene-Capable Plug-In Lamp Module with One-Button Programming — Provides 1-button programming through address capturing. Provides remote ON/OFF switching, manual ON switching, and remote full-range dimming for plug-in incandescent lamps. No wiring necessary; plugs into 15 Amp AC outlet. Allows local control of any lamp plugged into it. Available in White (-W) only. Provides Scene Control capability when used with DHC Scene Controller HCCS7-1TW and HCCPG-1TW DHC Toscana Deluxe Programmer. Also backward compatible with 16400/16450-S and 16400/16450-SD DHC Scene Controllers. Equipped with Leviton's Intellisense® advanced circuitry for the utmost in reliability, even where electrical "noise" exists on the power line. Responds to ON, OFF, DIM, BRIGHT, ALL LIGHTS ON/ALL OFF and SCENE LIGHTING commands.

Rated: 120V 60Hz, 300W Incandescent



HCP03-10W

INTELLISENSE™

HCP03-10W

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Universal Low Voltage Module can automate devices operated at low voltages such as sprinklers, skylights, and heating/AC systems
- Plug-in Lamp Module adds convenience of DHC remote ON/OFF and DIM/BRIGHT control plus scene capability to plug-in incandescent lamps
- Backed by a Limited Two-Year Warranty

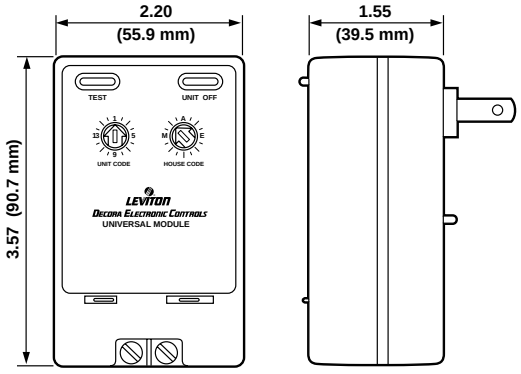
TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 244A Tested (and others where appropriate)

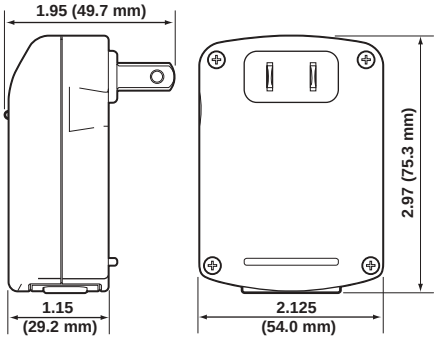
MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C



UNIVERSAL LOW VOLTAGE MODULE
Cat. No. 6337



PLUG IN LAMP RECEIVER
Cat. No. HCP03-1SW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

6227-W in 80301-W

6280-W in 80301-W

SPECIFICATIONS & FEATURES

- Configurations for all commonly used amperage/voltage house combinations
- Fit in standard wallboxes to provide remote switching
- Leviton's exclusive IIntellisense™ virtually eliminates switching problems due to line noise
- Decora styled to coordinate with Leviton's Decora line of wiring devices
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File # LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

COLOR

Basic Cat. No. denotes Brown. For other colors add suffix to cat. nos. as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

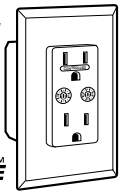
DHC Powerline Carrier Receptacle Receivers

DESCRIPTION	CAT. NO.

Split Duplex Wall Receptacle — Equipped with Intellisense (gated automatic gain control). Top outlet provides remote ON/OFF load control in response to controller command signals. Bottom outlet is continuously live. Local control of any light or appliance plugged into the controlled outlet can be achieved by switching the load ON/OFF switch once or twice. Will not respond to ALL LIGHTS ON command. Fits standard wall boxes and supplied with leads for easy installation.
Rated: 15A 120V 60Hz AC only. **NEMA 5-15R** .

6227-I
6227-W
6227-A

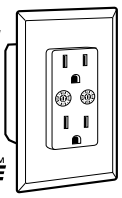
NEMA 5-15R



Duplex Wall Receptacle — Equipped with Intellisense (gated automatic gain control). Same as 6227, but with both top and bottom outlets providing ON/OFF control in response to controller command signals. Feed-through load lead allows control of receptacles downstream. Will not respond to ALL LIGHTS ON command. No local control available.
Rated: 15A 120V 60Hz AC only. **NEMA 5-15R**

6280-I
6280-W
6280-A

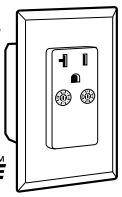
NEMA 5-15R



Single Wall Receptacle★— Equipped with Intellisense (gated automatic gain control). Provides ON/OFF control. No local control available. Wires easily into standard wallbox using supplied six-inch leads. Will not respond to ALL LIGHTS ON command.
Rated: 20A 120V 60Hz AC only. **NEMA 5-20R**

6296-I
6296-W

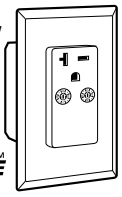
NEMA 5-20R



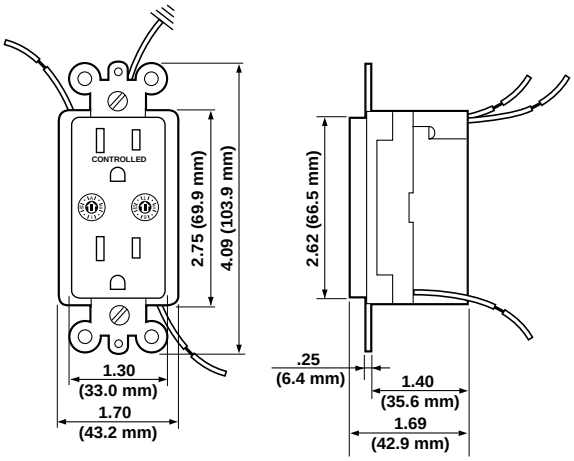
Single Wall Receptacle★— Equipped with Intellisense (gated automatic gain control). Provides ON/OFF control. No local control available. Wires easily into standard wallbox using supplied six-inch leads. Will not respond to ALL LIGHTS ON command.
Rated: 20A 250V 60Hz AC only. **NEMA 6-20R**

6298-I
6298-W

NEMA 6-20R

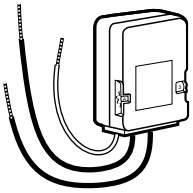
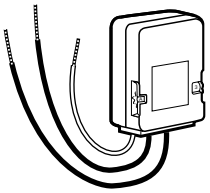


All devices are UL Listed. Also CSA Certified except where indicated by★



WALL RECEPTACLE
Cat. No. 6227

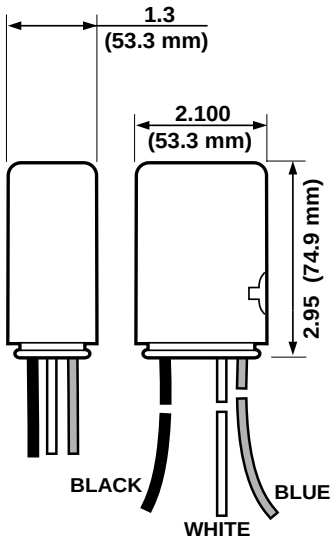
DHC Powerline Carrier Receiver Modules

DESCRIPTION	CAT. NO.
Fixture Relay Module — Can be mounted at either an incandescent or fluorescent fixture by means of adhesive strips. Responds to ON/OFF and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation. **Rated:** 15A 120V 60Hz AC only, incandescent, inductive, or resistive.	 6375
Dimming Fixture Module — Can be mounted at an incandescent fixture by means of adhesive strips. Responds to ON/OFF, DIM/BRIGHTEN and ALL LIGHTS ON/ALL OFF commands from controllers. Equipped with leads for easy installation. **Rated:** 300W incandescent 120V 60Hz AC only.	 6376

All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of DHC Dimming Wall Switch Receivers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballasts.

See Lighting Controls Section O for more information on Leviton Power Extenders.



FIXTURE RELAY MODULE
Cat. No. 6375

SPECIFICATIONS & FEATURES

- Fixture modules provide direct control for fixtures where only remote control is necessary
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

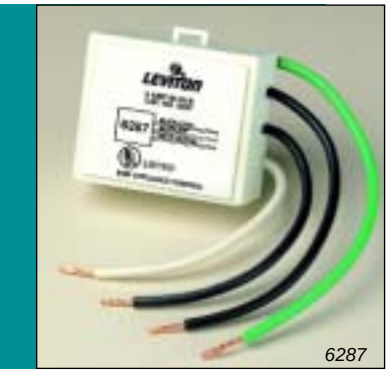
- UL Listed (File #E-66800)
- CSA Certified (File #LR-54628)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

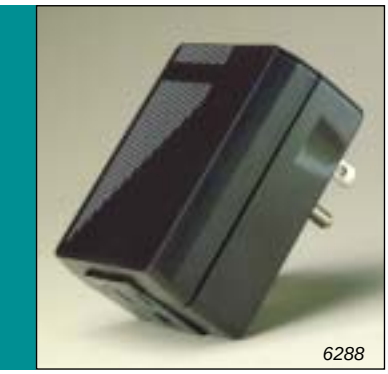
MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com


6287


6288

6386

DHC Powerline Carrier Couplers and Filters

DESCRIPTION	CAT. NO.

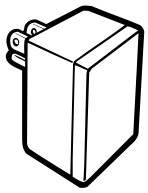
Noise Block — The 6287 is designed for use with DHC switch modules that include a means for connection to neutral. This device may be wired on the LOAD side of a DHC switch module (except 6383), or on the LINE side of any fixture using an electronic ballast, a low-voltage ballast, or any noise-generating source that does not require more than 5A 120V AC. The 6287 prevents interference generated by fixture components from interfering with DHC signals.

Rated: 5A 120V 60Hz AC only.

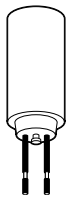
6287

Plug-in Noise Filter — electrical appliances may generate "noise" that could interfere with proper signal transmission. When the offending appliance is isolated and plugged into the 6288 Noise Filter, which is in turn plugged into a receptacle, stray noise is filtered out, ensuring a clear signal. Color: Brown.

Rated: 5A 120V 60Hz AC only.


6288

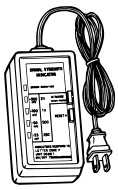
In-Line Noise Reducer — the 6289 Noise Reducer filters electrical "noise" and signals with frequencies above and below the 121 kHz signal. The 6289 may be installed at the "noise" or signal source or at the module affected by the interference. Depending on the source of the interference, the 6289 may be wired phase to neutral or phase to phase.


6289

DHC Powerline Carrier Test Equipment

DESCRIPTION	CAT. NO.

Signal Strength Indicator — Measures command signal strength at individual module locations. Minimum signal strength required for proper DHC Powerline Carrier component operation is 100mV. For use with 6385 Signal Strength Indicator.


6386

All devices are UL Listed only, not CSA Certified.

SPECIFICATIONS & FEATURES

- These devices are designed to eliminate interference from appliances, electronic ballasts and home electronics in order to insure top performance from DHC systems
- Backed by a Limited Two-Year Warranty

Signal Strength Indicator

- Signal strength testing equipment used to ensure proper operation of DHC system
- Backed by a Limited Two-Year Warranty

TESTING & CODE COMPLIANCE

- NOM Certified (#057)
- UL Listed (E-66800)

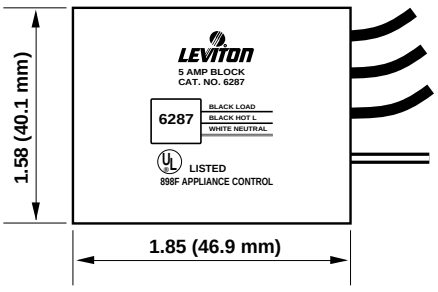
Signal Strength Indicator

- UL Listed (File #E-66800)
- NOM Certified (#057)
- UL 224A Tested (and others as appropriate)

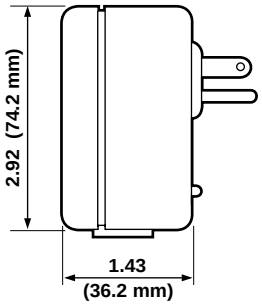
MATERIAL CHARACTERISTICS

Environmental: Flammability (Engineering Thermoplastic) UL-94, V2 Rating

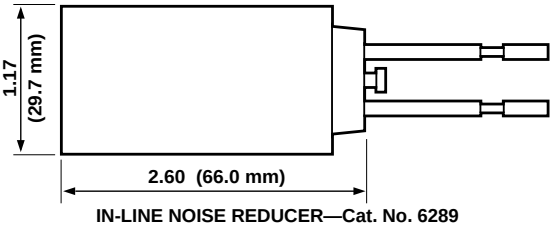
Operating Temperature: -40°C to 120°C



NOISE BLOCK—Cat. No. 6287



PLUG-IN NOISE FILTER—Cat. No. 6288



IN-LINE NOISE REDUCER—Cat. No. 6289

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Switches

Industrial, Commercial and Residential Grade

Leviton supplies a complete line of 15, 20 and 30 Amp AC switches for controlling resistive and inductive loads and motors. A full selection of ratings is available in Industrial Grade, Commercial Grade and Residential Grade.

The following pages provide a comprehensive overview of the complete Leviton AC Quiet Switches product line. Ordering information will help you select the switches best suited to meet your application requirements.

INDUSTRIAL GRADE SWITCHES

Overview ____ C1
Back and Side Wired ____ C2
- Toggle ____ C2
- Locking ____ C2
- Canadian 347V AC ____ C2
- Pilot Light ____ C3
- Lighted Handle ____ C3
- Maintained Contact ____ C4
- Momentary Contact ____ C4

Side Wired ____ C5
- Toggle ____ C5
- Locking ____ C5

AC Manual Motor and Welder Starting C6
Safety Disconnect Switches ____ C7, C8
Key Lock Power ____ C9

COMMERCIAL GRADE SWITCHES

Overview ____ C10
Back and Side Wired ____ C11
- Toggle ____ C11

Side Wired ____ C11
- Toggle ____ C11
- Hospital Call ____ C11
- Canadian 120/277V AC ____ C11
- Lighted Toggle ____ C12
- Canadian 347V AC ____ C12
- Framed Toggle ____ C12
- Surface Mount ____ C12

RESIDENTIAL GRADE SWITCHES

Quickwire and Sidewire ____ C13
- Illuminated Toggle ____ C13
- CO/ALR ____ C13

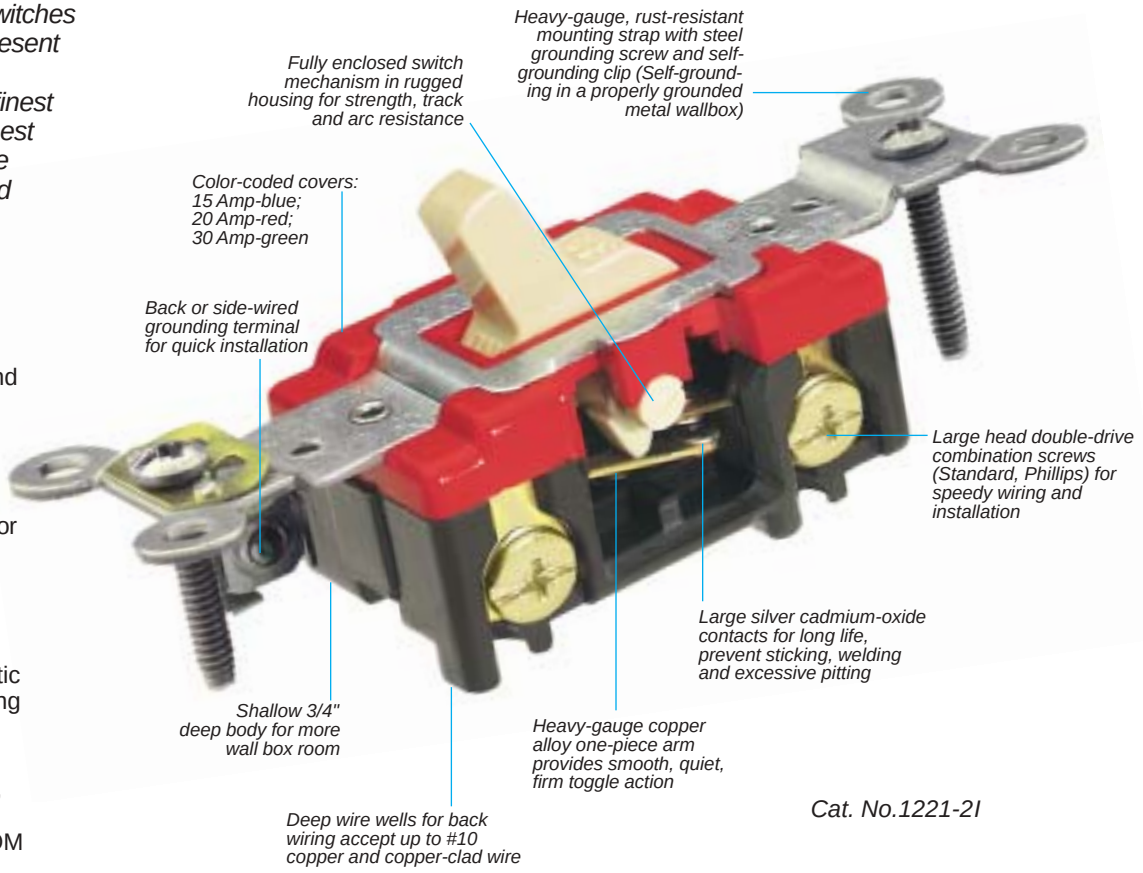
SECTION C

Industrial Grade

AC Switches

LEVITON
Building a Connected World

Leviton's Industrial Grade AC switches for heavy-duty applications represent top-of-the-line quality and peak performance. Leviton uses the finest materials available and the highest production standards to produce industrial switches of unmatched versatility and reliability.



Cat. No.1221-2I

Features and Benefits

- Top-of-the-line industrial-grade quality for peak performance and rugged, long-lasting service
- All screws are double-drive and accept Standard and Phillips screwdrivers
- Clamp-type back-wire terminals for secure connection of solid or stranded wire
- Back or side-wired grounding terminal offers wiring flexibility
- Sturdy, long-lasting thermoplastic toggles provide smooth switching action and long life
- UL listed (UL E-7458) to meet the latest Federal Specification, WS-896; CSA Certified (CSA LR-3413) where applicable; NOM Certified; complies with NEMA and ANSI requirements
- Backed by a Limited 10-Year Warranty

A Complete Line of Industrial Specification Grade Switches

Back and Side Wired

Maximum versatility for speedy installation. Top-of-the-line quality for long service life.

Cat. No. 1201-2

Side Wired

Sturdy, rugged and cost effective.

Cat. No. 1101-2W

Pilot Light

When power to the load is turned on, switch toggle is illuminated for visual confirmation.

Cat. No. 1201-PLC

Lighted Handle

Toggle glows softly when power is off to serve as locator in darkened rooms.

Cat. No. 1221-LHI

Locking

Designed to prevent tampering and unauthorized switching.

Cat. No. 1101-2L

Maintained and Momentary Contact

Available in a variety of ratings.

Cat. No. 1257

Key Lock Power

Key-operated locking mechanism for maximum tamper-proof operation

Cat. No. 1221-2KL

AC Manual Motor Starting

For control of horsepower-rated and other inductive and resistive loads

Cat. No. MS303

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

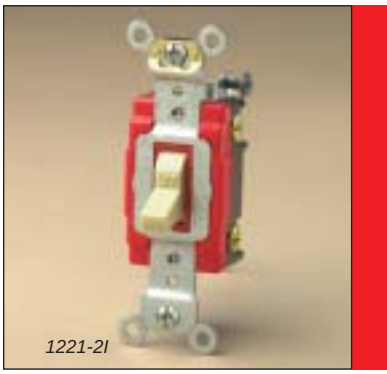
AC Switches

Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	1201-2	1221-2	3031-2	**15A:** I, W, GY, R **20A:** I, W, GY, R, E, A **30A:** I, W
Single-Pole Locking†	1201-2L	1221-2L	3031-2L	**15A:** I; **20A:** I, W, G, R
Double-Pole Toggle	1202-2	1222-2	3032-2	**15A:** I, W, GY **20A:** I, W, GY, R, E **30A:** I, W
Double-Pole Locking†	1202-2L	1222-2L	3032-2L	**20A:** I
3-Way Toggle	1203-2	1223-2	3033-2	**15A:** I, W, GY, R **20A:** I, W, GY, R, E **30A:** I, W
3-Way Locking†	1203-2L	1223-2L	3033-2L	**15A:** I **20A:** I, W, G
4-Way Toggle	1204-2	1224-2	———	**15A:** I, W, GY **20A:** I, W, GY, R, E
4-Way Locking†	1204-2L	1224-2L	———	**20A:** I, G, W
Single Pole Toggle	———	1221-S	———	**20A:** I, W, R, GY
3-Way Toggle	———	1223-S	———	**20A:** I, W, R, GY
4-Way Toggle	———	1224-S	———	**20A:** I, W, GY

†Key for Locking Switch: Cat. No. 55500-PRT.

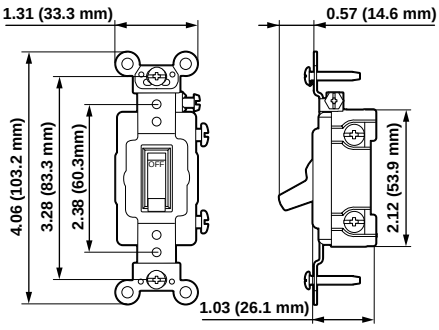
1201-2L


1221-2I

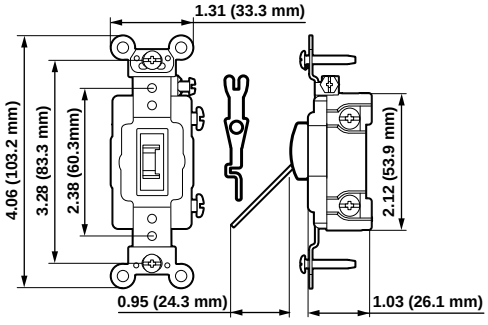
Back and Side Wired Canadian 347V AC Quiet Switches

DESCRIPTION	15 AMP 347V AC	20 AMP 347V AC	COLOR** *See Canadian Color*
Single-Pole Toggle	18201	18221	**15A & 20A:** I, W, B, R, G
Single-Pole Locking†	18201-L	18221-L	**15A & 20A:** B only
Double-Pole Toggle	18202	18222	**15A:** I only **20A:** I, B
Double-Pole Locking†	18202-L	18222-L	**15A & 20A:** B only
3-Way Toggle	18203	18223	**15A & 20A:** I, W, B, R, G
3-Way Locking†	18203-L	18223-L	**15A & 20A:** B only
4-Way Toggle	18204	18224	**15A:** I, B, R, G **20A:** I, B
4-Way Locking†	18204-L	18224-L	**15A & 20A:** B only

†Key for Locking Switch: Cat. No. 55500-PRT.



TOGGLE 1201-2, 1221-2



LOCKING 1201-2L, 1221-2L

SPECIFICATIONS & FEATURES

- Top-of-the-line industrial quality
- Heavy gauge copper alloy one-piece arm for top performance
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Color-coded covers: 15 Amp-blue; 20 Amp-red; 30 Amp-green
- See Section T for more technical information

TESTING & CODE COMPLIANCE

- Meets all NEMA WD-1 & ANSI requirements
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other color available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY or -G), Red (-R), Black/Ebony (-E), Almond (-A). For locking switch colors, use the following suffixes: Ivory (-2IL), White (-2WL), Gray (-2GL), Red (-2RL).

**CANADIAN COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), Red (-R), and Gray (-G).

HORSEPOWER

15A	20A	30A
½ @120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V
2 @ 277V	2 @ 277V	2 @ 277V

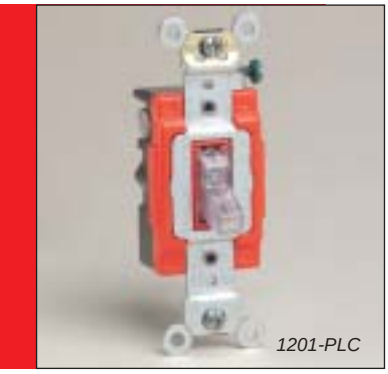
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Switches



Pilot Light and Lighted Handle

Back and Side Wired Pilot Light

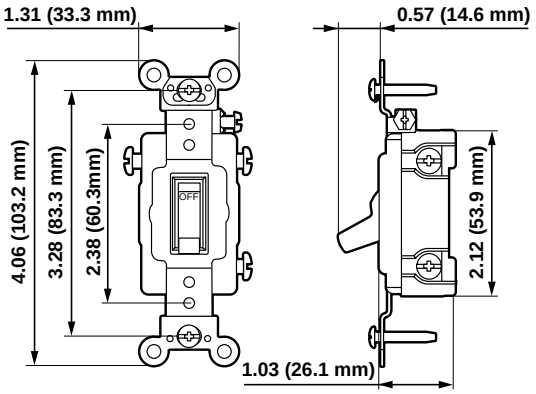
DESCRIPTION*	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-PL	1221-PL	3031-PL✓	1221-7P✓
Double-Pole	1202-PL+	1222-PL	3032-PL✓	1222-7P+
3-Way	1203-PL	1223-PL	———	1223-7P+

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.
*Available toggles for these devices: Clear (-PLC), Red (-PLR), Green (-PLG).
+: Available in red toggle only.
✓: Available in ivory or red toggle only.

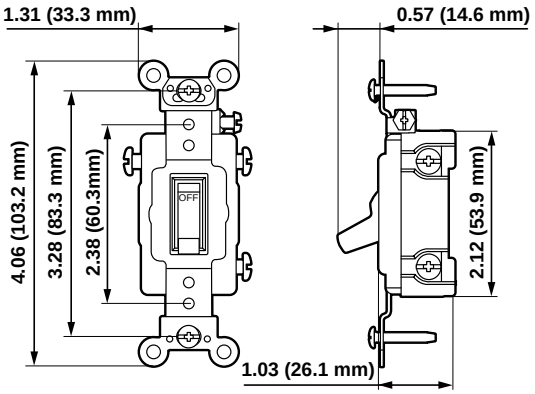
Back and Side Wired Lighted Handle

DESCRIPTION†	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-LH	1221-LH	3031-LH*	1221-7L
3-Way	1203-LH	1223-LH	———	1223-7L

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.
†Available toggles for these devices: Clear (-LHC), Ivory (-LHI), White (-LHW).
*: Available in ivory toggle only.



LIGHTED HANDLE (GLOWS WHEN LOAD IS OFF)
Cat. No. 1201-LH, 1221-LH



PILOT LIGHT (GLOWS WHEN LOAD IS ON)
Cat. No. 1201-PLC, 1221-PLC

SPECIFICATIONS & FEATURES

- Pilot light and lighted handle switches provide top performance in punishing industrial applications
- Lighted handle illuminated when load is off. Pilot light toggle illuminated when load is on.
- 120 and 277V versions in single pole and 3-way
- Fully enclosed switch mechanism in rugged housing for strength, track and arc resistance
- See section T for more technical information

TESTING & CODE COMPLIANCE

- Meets all requirements for NEMA WD-1, ANSI
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- UL 20 Test and others as appropriate
- Backed by a Limited 10-Year Warranty

HORSEPOWER

15A	20A	30A
½ @120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V
2 @ 277V	2 @ 277V	2 @ 277V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Maintained and Momentary Contact

Back and Side Wired Maintained Contact 120/277V AC

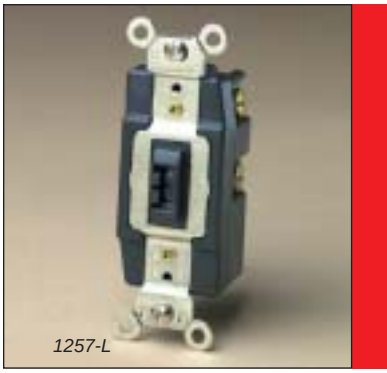
DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR* Basic Cat. No. Denotes Brown
Single-Pole, Double Throw, Center Off	1281	1285	1287	**15A:** I, W **20A:** I, W, GY **30A:** I
Single-Pole, Double Throw, Center Off, Locking†	1281-L	1285-L	1287-L	**15, 20 & 30A:** Black only
Double-Pole, Double Throw, Center Off	1282	1286	1288	**15A:** I, W **20A:** I, W **30A:** I
Double-Pole, Double Throw, Center Off, Locking†	———	———	1288-L	**30A:** Black only

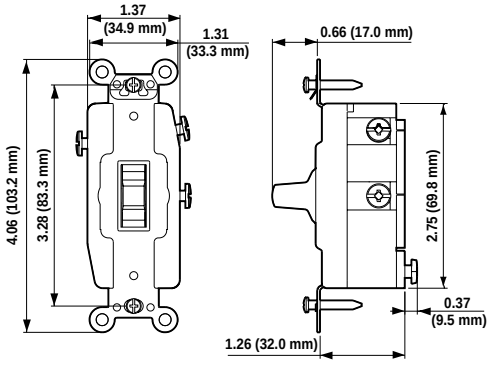
†Key for Locking Switch: Cat. No. 55500-PRT

Back and Side Wired Momentary Contact 120/277V AC

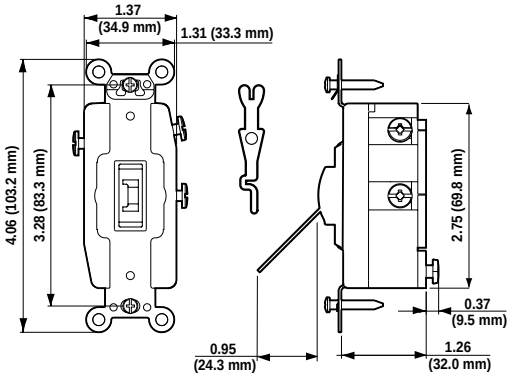
DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR* Basic Cat. No. Denotes Brown
Single-Pole, Double-Throw, Center Off	1256	1257	1260	**15 & 20A:** I, W, GY **30A:** Brown only
Single-Pole, Double-Throw, Center Off, Locking†	1256-L	1257-L	———	**15:** I **20A:** Black only
Double-Pole, Double-Throw, Center Off	———	———	1262	**30A:** Brown only

†Key for Locking Switch: Cat. No. 55500-PRT.
All devices are UL Listed and CSA Certified.

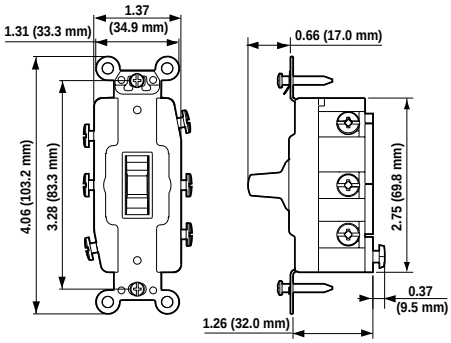




SINGLE-POLE, DOUBLE THROW
Cat. No. 1256, 1257, 1281, 1285, 1287



SINGLE-POLE, DOUBLE THROW LOCKING
Cat. No. 1256-L, 1257-L, 1281-L 1285-L, 1287-L



DOUBLE POLE, DOUBLE THROW MOMENTARY AND MAINTAINED
Cat. No. 1282, 1286, 1288

SPECIFICATIONS & FEATURES

- Single-Pole and Double-Pole versions, toggle or locking
- Positive switching action with center-off position
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Clamp-type terminals accept up to #10 CU wire
- Full rated current capacity on fluorescent, tungsten and resistive loads; motor load capacity up to 80% switch current rating
- See section T for more technical information

TESTING & CODE COMPLIANCE

- Meets all requirements for NEMA WD-1, ANSI
- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color except for Locking Devices (Black). Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (W-) and Gray (-GY).

HORSEPOWER

15A	20A	30A
½ @120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V
2 @ 277V	2 @ 277V	2 @ 277V

MATERIAL CHARACTERISTICS

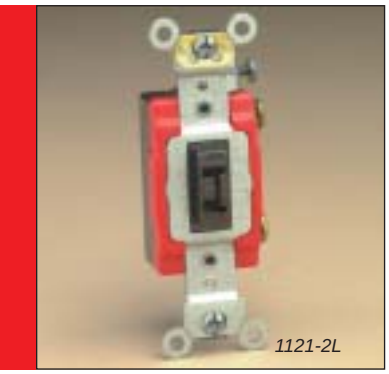
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Switches

1101-2GY


1121-2L

Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	1101-2	1121-2	**15A:** I, W, GY **20A:** I, W, GY, R
Single-Pole Locking†	1101-2L	1121-2L	**15A & 20A:** Brown Only
Double-Pole Toggle	1102-2	1122-2	**15A:** I **20A:** I, W, GY
Double-Pole Locking	1102-2L	1122-2L	**15A & 20A:** Brown Only
3-Way Toggle	1103-2	1123-2	**15A:** I, W, GY **20A:** I, W, GY, R
3-Way Locking†	1103-2L	1123-2L	**15A & 20A:** Brown Only
4-Way Toggle	1104-2	1124-2	**15A:** Ivory only **20A:** I, W, GY, R
4-Way Locking†	1104-2L	1124-2L	**15A & 20A:** Brown Only

†Key for Locking Switch: Cat. No. 55500-PRT.

SPECIFICATIONS & FEATURES

- Rugged construction for trouble-free service in industrial environments
- Heavy-gauge copper alloy one-piece arm for smooth, quiet, firm toggle action
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Large head, deep-slotted terminal screws for fast, easy wiring; accept up to #10 copper and copper-clad wire
- See section T for more technical information

TESTING & CODE COMPLIANCE

- Meets all requirements for NEMA WD-1, ANSI
- UL Listed (File #E-7458) to meet the latest Federal Specification, WS-896
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Red (-R), Black/Ebony (-E).

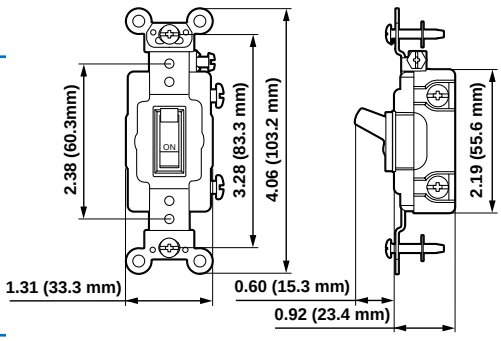
HORSEPOWER

15A	20A	30A
½ @120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V
2 @ 277V	2 @ 277V	2 @ 277V

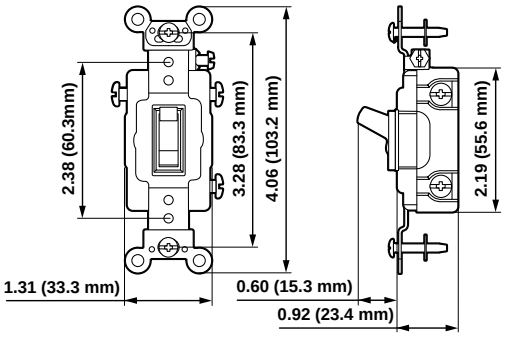
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

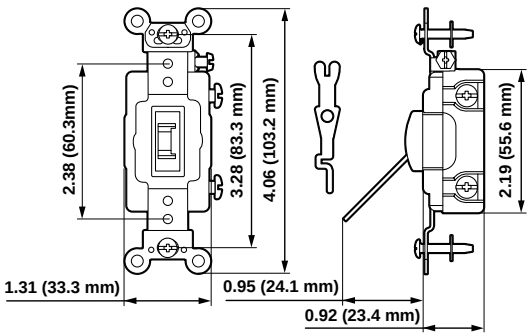
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.



SINGLE-POLE TOGGLE
Cat. No. 1101-2, 1121-2



3-WAY TOGGLE
Cat. No. 1103-2, 1123-2



SINGLE-POLE LOCKING
Cat. No. 1101-2L, 1121-2L

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Manual Motor and Welder Starting Switches

LEVITON Building a Connected World

Back and Side Wired AC Manual Motor Starting Switches 30 AMP 600V AC

DESCRIPTION	MAX. HP RATING	IN NEMA 1 ENCL.	IN NEMA 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	N1302	N3302	MS302
Same as above – Short Toggle		——	——	MS302-S
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	N1303	N3303	MS303
Same as above – Short Toggle		——	——	MS303-S

Back and Side Wired AC Manual Motor Starting Switches 40 AMP 600V AC

DESCRIPTION	MAX. HP RATING	CAT. NO.
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	MS402
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	MS403

Back or Front Wired AC Manual Motor Starting Switches 60 AMP 600V AC

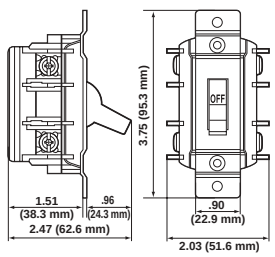
DESCRIPTION	MAX. HP RATING	IN NEMA 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 15HP 480V AC 20HP 600V AC	N3602	MS602-BW
Same as above except Front Wired		——	MS602-FW
Three-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 25HP 480V AC 30HP 600V AC	N3603	MS603-BW
Same as above except Front Wired		——	MS603-FW

Enclosures and Wallplates

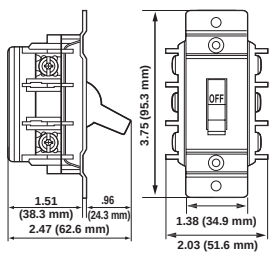
DESCRIPTION	CAT. NO.
NEMA 1 steel encl. for 30A MS Switches	N13NC
NEMA 3R encl. for 30A or 40A MS Switches	N33NC
NEMA 3R encl. for 40A or 60A MS Switches	N36NC
302 Stainless Steel Lockout Wallplate w/tamper-resistant screws and spanner tool	84001-LOK

Side Wired AC Manual Welder Starting Switches 40 AMP 600V AC

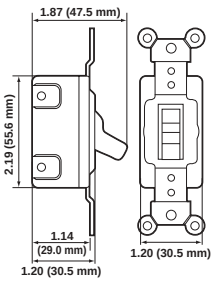
DESCRIPTION	MAX. HP RATING	CAT. NO.
Double-pole, single-throw AC manual welder starting switch. Color: Black	5HP 250V AC	WS402



Cat. Nos. MS302, MS303



Cat. Nos. MS402, MS403



Cat. No. WS402

SPECIFICATIONS & FEATURES

MS Switches

- All molded parts are thermoplastic to resist impacts, chemicals, temperature, tracking and arcing
- Positive-contact design enhances fast-make/slow-break
- Silver-alloy contacts for maximum conductivity and service life
- Back and side wire terminals accept up to #10 AWG solid copper wire. For stranded #8 AWG wire, remove terminal clamp and use ring terminal
- Oversized #10 triple-combination terminal screws are vibration resistant
- Insulating barrier between terminals provide isolation from each phase
- Nickel-plated brass mounting yoke for superior corrosion resistance
- Large toggle provides positive actuation, even with gloved hand

WS Switches

- Capable of accommodating bus bar termination in multi-gang applications
- Hole for mounting hardware supports panel mounting with self-threading fasteners or pop rivets
- Terminal screws accept up to # 10 AWG solid copper wire. For stranded # 8 AWG wire, remove terminal clamp and use ring terminal
- Fast-threading, corrosion-resistant brass triple-combination screws for fast, easy installation

TESTING & CODE COMPLIANCE

- MS devices: UL & CUL Listed (File #E-63969)
- WS devices: UL Recognized Component (File #E-63969)
- MS & WS devices comply with UL 508
- Backed by a Limited Ten-Year Warranty

MATERIAL CHARACTERISTICS

UL94 VO Flammability Rating
Operating Temperature: -40°C to 65°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)

2 YEAR LIMITED WARRANTY

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 30 Amp - 1"
- 60 Amp - 1-1/2"
- 100 Amp - 2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
- IP67

DS60-FAX

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

Handle with padlock installed

Circuit identification pad for means of identifying specific equipment loads

Fused Models Accept "Class J" Time-Delay Fuses

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

DS60-FAX

Generous wiring space for top to bottom wiring

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open – 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks

PowerSwitch™ by Leviton

STANDARDS & CERTIFICATIONS					
Saftey Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
E63969		✔	✔	✔	✔

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

PowerSwitch™ by Leviton

Engineered to UL & IEC Watertight Standards

DS30-AX
Engineered to IP65 Water Jetting Standards

DS60-FAX
(Fused)

DS100-AX
(Non-Fused)

2 YEAR LIMITED WARRANTY

Ordering Information

AMPS	MAX VOLTAGE	CATALOG NO.	
		NON-FUSED	FUSED
30	600V AC	DS30-AX	DS30-FAX
60	600V AC	DS60-AX	DS60-FAX
100	600V AC	DS100-AX	—

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting			Certified for current interrupting at full-rated current and voltage
Endurance			6000 operations at rated current and voltage (Power factor 0.75 – 0.80)
Dielectric			1000 V plus twice rated voltage for 1 minute

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	1	2	5
208V AC	5	20	25
240V AC	2.5	10	15
480V AC	5	20	25
600V AC	NA	20	20
3Ø Y120/208V AC	5	20	25
3Ø 240V AC	5	20	30
3Ø 480V AC	15	40	50
3Ø 600V AC	15	40	50

VOLTS°	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	15	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Key Lock Power Switches

Two Keys per Switch

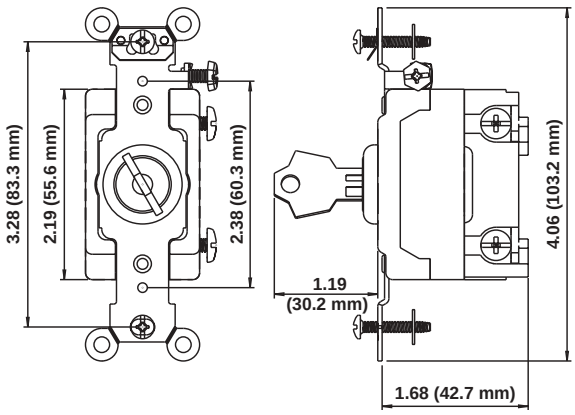
1221-2KL

Back and Side Wired Key Lock Power Switches 20 AMP 120/277V AC

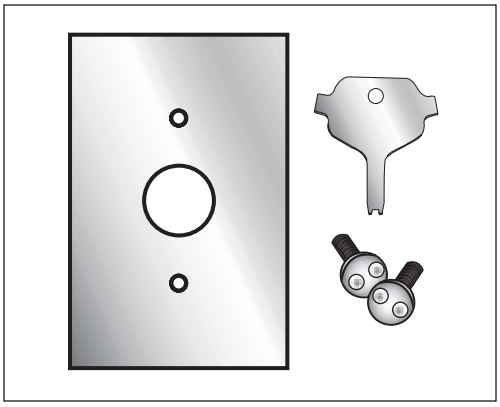
DESCRIPTION	CAT. NO.
Single-Pole Key Lock Power Switch, 2 keys provided	1221-2KL
Double-Pole Key Lock Power Switch, 2 keys provided	1222-2KL
3-Way Key Lock Power Switch, 2 keys provided	1223-2KL
4-Way Key Lock Power Switch, 2 keys provided	1224-2KL
Replacement Keys, 2 per pack	2KL
Single-Gang Type-302 Stainless Steel Wallplate, with spanner screws and spanner tool	84071-40

FD Box Recommended for Mounting Key Lock Power Switches — Shown with 84071-40 Type 302 Stainless Steel Wallplate

FD Box with a minimum internal depth of 2 1/2" (63.5 mm) is recommended for mounting Key Lock Power Switches — shallow wall box extender (Cat. No. 6197) available.
Key Lock Power Switches are not recommended for use on Master or Emergency Power Systems.



FOR ALL KEY LOCK POWER TYPE SWITCHES



Cat. No. 84071-40 w/Spanner Screws & Spanner Tool

SPECIFICATIONS & FEATURES

- Key-operated locking mechanism for maximum tamper-proof operation in schools, institutions, public housing, trailer parks, loading docks, freight yards and other areas
- Chrome lock dome with 2 keys provided per switch
- Back and side wire terminals accept up to #14 – #10 AWG copper or copper clad wire
- Large, slotted terminal screws with clamp-type back-wire terminals
- Triple-combination mounting screws for fast, easy installation
- Heavy-gauge rust-resistant mounting strap with steel grounding screw and self-grounding clip (self grounding when used in a properly grounded metal wallbox)
- Key removable in ON or OFF positions

TESTING & CODE COMPLIANCE

- Meets NEMA WD-1, WD-6 & ANSI requirements
- Meets Federal Specifications WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited Ten-Year Warranty

HORSEPOWER

15A	20A
½ @120V	1 @ 120V
2 @ 240V	2 @ 240V
12 Amp Max.	16 Amp Max.

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

AC Quiet Switches

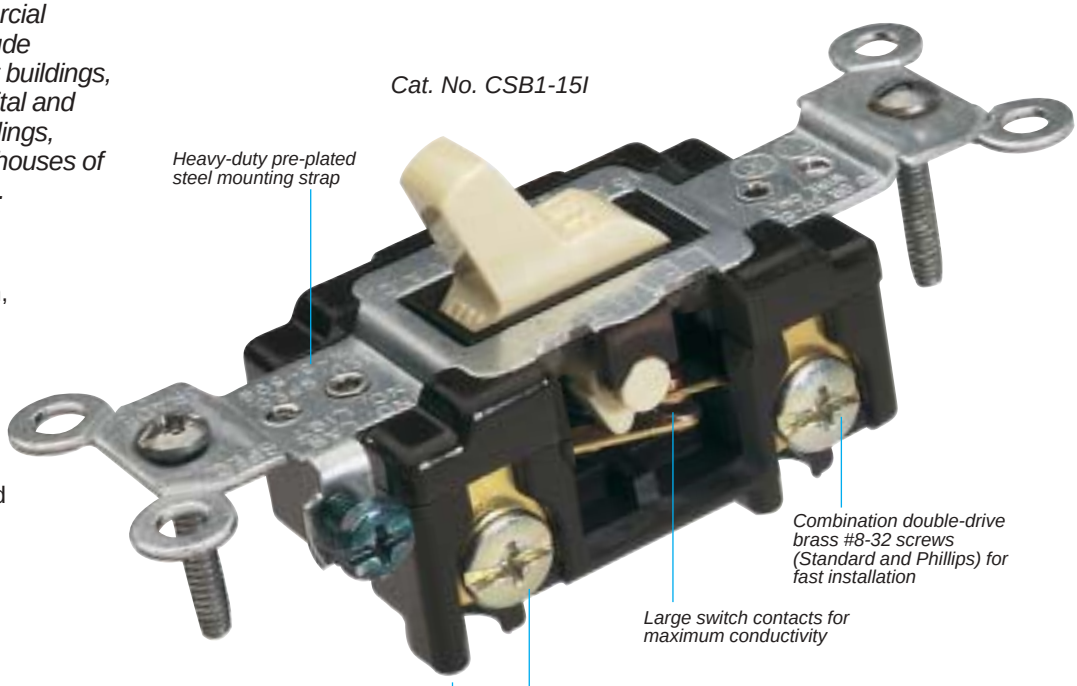
LEVITON
Building a Connected World

Leviton's Commercial Grade switches are designed to offer outstanding reliability and top performance in commercial settings. Ideal applications include municipal facilities, government buildings, malls, department stores, hospital and health care facilities, office buildings, schools, colleges, universities, houses of worship and cultural institutions.

Features and Benefits

- Listed UL Federal Specification, WS-896
- Heavy-duty pre-plated steel mounting strap for maximum strength
- All screws are combination-head for fast installation with Standard and Phillips head screwdrivers
- Both back- and side-wired and side-wired versions accept up to #10 AWG stranded copper or copper-clad conductors for maximum versatility
- Backed by a Limited 10-Year Warranty

Cat. No. CSB1-15I



High-Quality, Long Life Switches for Commercial Applications

Back and Side Wired

Rugged, high-quality, performer.

Cat. No. CSB1-15W

Framed Toggle

For neater finished appearance.

Cat. No. 54501-2

Lighted Toggle

Lights up when power is off, easy to locate in darkened rooms.

Cat. No. 5501-LHI

Side Wired

Sturdy, rugged, cost effective.

Cat. No. CS315-2

Hospital Call Switch

Designed for demanding health-care applications.

Cat. No. 5501-8

Canadian 347V AC

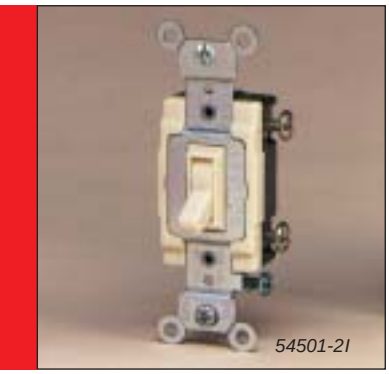
Available in single-pole, double-pole, 3-way, 4-way.

Cat. No. 18201-CW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Quiet Switches

CS120-2


54501-2I

SPECIFICATIONS & FEATURES

- Large head double-drive combination screws (Standard, Phillips) for fast wiring
- Heavy-gauge, rust-resistant steel mounting strap
- Accept up to #10 copper or copper-clad wire
- Convenient break-off plaster ears for best alignment
- Large switch contacts for maximum conductivity
- See section T for more technical information

TESTING & CODE COMPLIANCE

- UL Listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all requirements for NEMA WD-1, ANSI
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Almond (-A), Black (-E).

**CANADIAN COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G).

HORSEPOWER

15A	20A
½ @120V	1 @ 120V
2 @ 240V	2 @ 240V

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	CSB1-15	CSB1-20	**15A & 20A:** I, W, GY, A
Double-Pole Toggle	CSB2-15	CSB2-20	**15A:** I, W, GY **20A:** I, W, GY, A
3-Way Toggle	CSB3-15	CSB3-20	**15A & 20A:** I, W, GY, A
4-Way Toggle	CSB4-15	CSB4-20	**15A:** I, W, A **20A:** I, W, GY, A

Side Wired 120/277V AC Quiet Switches

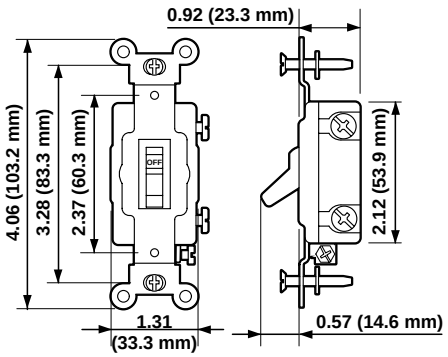
DESCRIPTION	15 AMP	20 AMP	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole Toggle	CS115-2	CS120-2*	**15A & 20A:** I, W, GY, A
Single-Pole Hospital Call Switch†	5501-8	———	**15A:** Ivory Only
Double-Pole Toggle	CS215-2	CS220-2	**15A:** I, W, GY **20A:** I, W, GY, A, E
Double-Pole Hospital Call Switch†	5502-8	———	**15A:** Ivory Only
3-Way Toggle	CS315-2	CS320-2	**15A:** I, W, GY, A **20A:** I, W, GY, A, E
4-Way Toggle	CS415-2	CS420-2	**15A:** I, W, GY, A **20A:** I, W, GY, A, E
Single-Pole, Framed Toggle	54501-2	54521-2	**15A & 20A:** I, W, GY
Double-Pole, Framed Toggle	54502-2	54522-2	**15A:** I, W **20A:** I, W, GY
3-Way, Framed Toggle	54503-2	54523-2	**15A & 20A:** I, W, GY
4-Way, Framed Toggle	54504-2	54524-2	**15A:** I, W, GY, A **20A:** I, W, GY

†Hospital Call Switches turn on when toggle is pulled down; have 3-foot braided cord.

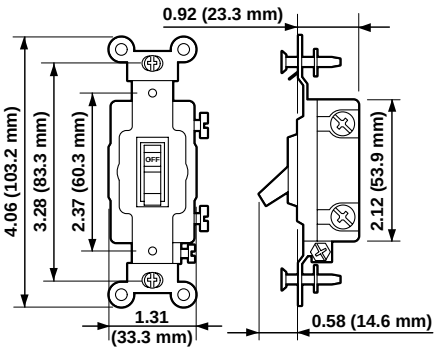
Note: Cat. No. 54501-2 series is identified in Canada by the following catalog numbers:

Side Wired Canadian 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR** *See Canadian Color*
Single-Pole, Framed Toggle	1101-C	54521-2	**20A:** I, W, B, G
Double-Pole, Framed Toggle	1102-C	54522-2	**20A:** I, W, B, G
3-Way, Framed Toggle	1103-C	54523-2	**20A:** I, W, B, G
4-Way, Framed Toggle	1104-C	54524-2	**20A:** I, W, B, G



TOGGLE SWITCH
Cat. No. CS115-2, CS120-2



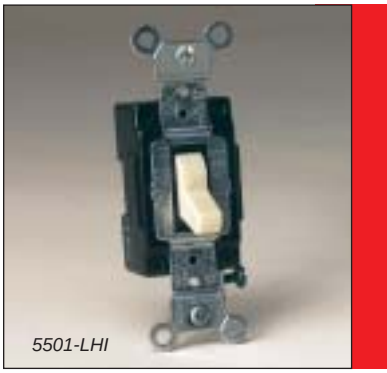
FRAMED TOGGLE
Cat. No. 54501-2, 54521-2

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

AC Quiet Switches

Side Wired Lighted Toggle 15 AMP 120V AC Only

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Lighted Toggle	5501-LH	**15A:** I, W
3-Way Lighted Toggle	5503-LH	**15A:** I, W


5501-LHI

Surface Mounting, Bottom Wired 10 AMP 125V 5 AMP 250V Framed Toggle

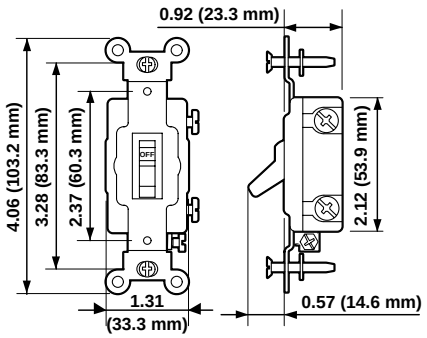
DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole, Surface Mounting, Framed Toggle • Slotted phenolic or urea cover snaps in place • Wood screw furnished for surface mounting	1210	I, W

Side Wired Canadian 15 AMP 347V AC

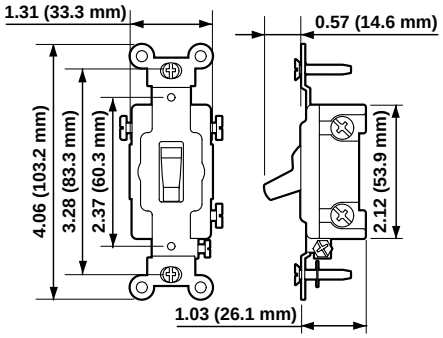
DESCRIPTION	CAT. NO.	COLOR** *See Canadian Color*
Single-Pole, Framed Toggle	18201-C	**15A:** I, W, B, G
Double-Pole, Framed Toggle	18202-C	**15A:** I, W, B, G
3-Way, Framed Toggle	18203-C	**15A:** I, W, B, G
4-Way, Framed Toggle	18204-C	**15A:** I, W, B, G

All devices are UL Listed and CSA Certified.

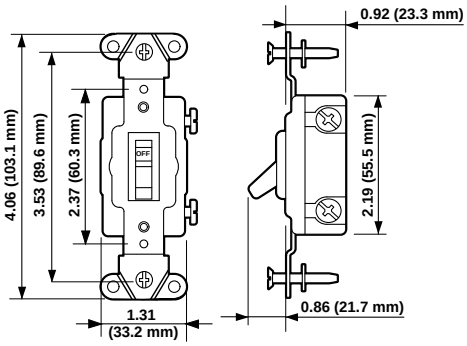
18201-CW



LIGHTED TOGGLE
Cat. No. 5501-LHI



3-WAY LIGHTED TOGGLE
Cat. No. 5503-LHW



CANADIAN 347V
Cat. No. 18201-C

SPECIFICATIONS & FEATURES

- Quiet, reliable mechanical action
- Large head double-drive combination screws (Standard, Phillips) for fast wiring installation
- Accept up to #10 copper or copper-clad wire
- Large switch contacts for maximum conductivity
- See section T for more technical information

TESTING & CODE COMPLIANCE

- UL listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all requirements for NEMA WD-1, ANSI
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color except for Lighted Toggle Switches. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W).

**CANADIAN COLOR

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G)

HORSEPOWER

15A
½ @120V
2 @ 240V
2 @ 347V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

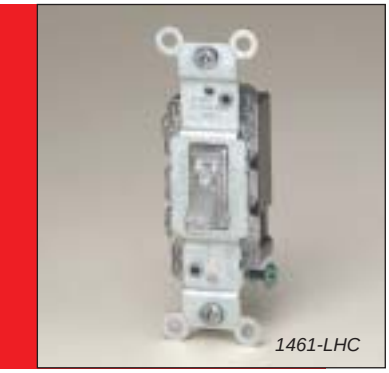
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade

AC Quiet Switches

LEVITON
Building a Connected World

1451-I


1461-LHC

SPECIFICATIONS & FEATURES

- Faster installation with combination of side wiring and Quickwire push-in wiring
- Quickwire accepts conductors up to #12 AWG; #14 AWG in Canada
- Side wire accepts conductors up to #12 AWG
- Large head triple-drive combination screws (Standard, Phillips, Robertson) for fast wiring installation
- Impact-resistant, durable thermoplastic toggle and frame
- See section T for more technical information

TESTING & CODE COMPLIANCE

- UL Listed (File # E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Black/Ebony (-E), Clear Toggle & Frame (-LHC)

HORSEPOWER

15A
½ @120V
2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Quickwire and Side Wired Framed Toggle 15 AMP 120V AC Quiet Switches

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole	1451	**15A:** I, W
3-Way	1453	**15A:** I, W
Single-Pole with grounding screw	1451-2	**15A:** I, W, A, E
3-Way with grounding screw	1453-2	**15A:** I, W, A, E
4-Way with grounding screw	54504-2	**15A:** I, W, A
Single-Pole, less ears with grounding screw	1451-4	**15A:** I, W
3-Way, less ears with grounding screw	1453-4	**15A:** I, W

Note: Available in Convenience Packs.

Quickwire and Side Wired Illuminated Toggle 15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Illuminated	1461-LHC	Clear Toggle
3-Way Illuminated	1463-LHC	Clear Toggle

Note: Illuminated switches do not require a neutral wire.

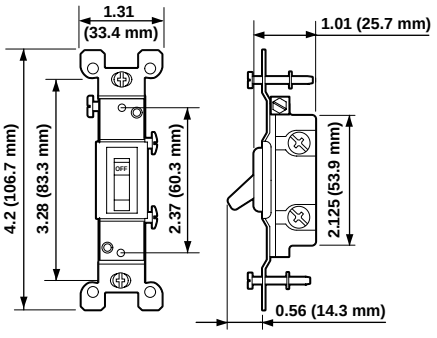
CO/ALR Side Wired Framed Toggle

CSA CERTIFIED CO/ALR For use with • Aluminum • Copperclad • Copper

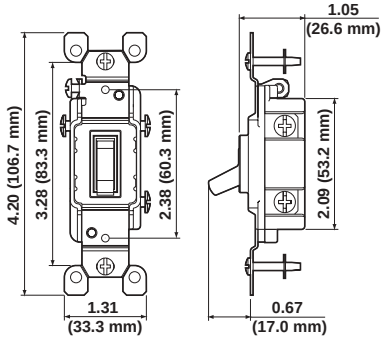
15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single-Pole with grounding screw	2651-2	**15A:** I, W
3-Way with grounding screw	2653-2	**15A:** I, W

Note: CO/ALR devices are for connection to 12 or 10 AWG aluminum conductors.
All devices are UL Listed and CSA Certified.



QUICKWIRE PUSH-IN & SIDE WIRED
Cat. Nos. 1451-2



3-WAY QUICKWIRE PUSH-IN & SIDE WIRED
Cat. No. 1452-2

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

Industrial, Commercial and Residential Grade

Leviton offers a full line of 15, 20, 30, 50 and 60 Amp receptacles, available in Industrial, Commercial and Residential Grade, with a wide variety of colors, wiring options and other features.

UL Listed Hospital Grade Receptacles undergo the most stringent Underwriter's Labs tests to assure continuous, safe operation despite abusive conditions that might cause lesser devices to fail. All Leviton Hospital Grade Devices, designated by a green dot on the device face, are suitable for any application requiring high-abuse tolerance — in schools, manufacturing plants and health care facilities, as well as hospitals.

The following pages provide a comprehensive overview of the complete Leviton Straight Blade Receptacle product line.

INDUSTRIAL GRADE

Overview ____ D1
Hospital Grade ____ D2
- Back and Side Wired ____ D2
- Isolated Ground Receptacles and Wallplates ____ D2
- Four-In-One ____ D4

Industrial Grade ____ D3–D4
- Back and Side Wired ____ D3
- Side Wired ____ D3
- Dual Voltage ____ D3
- Clock Hanger ____ D3
- Four-In-One Receptacles, Adapter Plates and Portable Boxes ____ D4

Power Devices ____ D5–D10
- 2-Pole, 3-Wire Grounding ____ D5, D6, D8
- 3-Pole, 3-Wire Non-Grounding ____ D6, D9
- 3-Pole, 4-Wire Grounding ____ D7, D9, D10
- 4-Pole, 4-Wire Non-Grounding ____ D5, D7, D10

COMMERCIAL GRADE

Overview ____ D11
- Back and Side Wired ____ D12, D14
- Dual-Voltage Grounding ____ D12
- Side Wired ____ D12–D14
- QuickPort® Snap-In Jacks, Modules and Floorplates ____ D14

RESIDENTIAL GRADE

8-Hole Quickwire Push-In, Grounding ____ D15

Quickwire Push-In and Side Wired, Grounding ____ D15

Side Wired, Grounding ____ D15, D16

CO/ALR Side Wired, Grounding ____ D15

Side Wired, Non-Grounding ____ D16

Clock Hanger ____ D16

Snap-In Devices ____ D16

SECTION D

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Industrial Grade

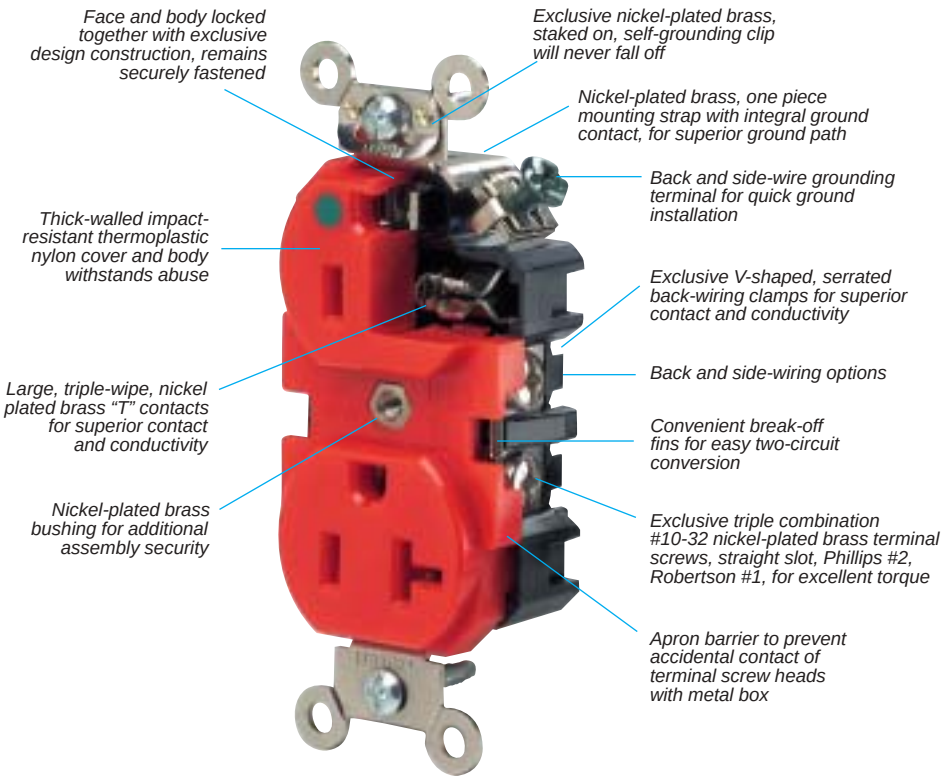
Straight Blade Receptacles

LEVITON
Building a Connected World

Leviton's Industrial Grade Straight Blade Receptacles are built to the most demanding standards for performance and reliability. They're designed to withstand the highest abuse and resist impact, cracking and harsh chemicals.

Features and Benefits

- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596 Listing
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified
- Meets NEMA WD-1 and 6 and ANSI standards
- All industrial back and side wired receptacles have #10-32 triple combination head terminal screws; straight, Phillips and Robertson. All industrial side-wired receptacles have #8-32 triple combination head terminal screws
- Back and side wiring options accept #14–#10 AWG stranded or solid wire
- Break-off fins for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity
- Backed by a Limited 10-Year Warranty
- Isolated Ground Receptacles are also available with Decora Designer styling (See Decora Plus Devices, Section A)



Cat. No. 8300-R

A Complete Line of Straight Blade Receptacles

Hospital Grade, Tamper Resistant

This back and side-wired receptacle allows easy plug insertion but prevents small-object insertion.

Cat. No. 8200-SGI

Hospital Grade, Isolated Ground

Provides a pure ground path to a building's isolated ground system.

Cat. No. 8200-IG

Industrial Grade Back and Side Wired

Eight deep-funnel, back-wiring holes accept #10–14 AWG solid and stranded wire.

Cat. No. 5262-I

Four-In-One

Hardwire device converts a duplex receptacle installation into four receptacles without multiple installation labor and material costs.

Cat. No. 1254-W

Commercial Grade

Double wipe contacts, wrap-around strap and snap-together cover and base.

Cat. No. CR15

Residential Grade

Exclusive, triple-combination terminal screws backed out for fast wiring.

Cat. No. 5320-A

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

Hospital Grade

Back and Side Wired *(Basic Cat. No. Denotes Brown Device*)*

DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex Receptacle	8200 I, W, GY, R	8600 I	8300 I, W, GY, R, E	8400 I
Single Receptacle	8210 I, W, R	—	8310 I, W, GY, R	—
Slim Design Receptacle	8200-H I, W, GY, R	—	8300-H I, W, GY, R	—
Duplex Receptacle, Tamper-Resistant	8200-SG I, W, G, R	—	8300-SG I, W, G, R	—
Illuminated Duplex Receptacle	8200-HL I, W, G, R, No Brown	—	8300-HL I, W, R, No Brown	
Pilot Light Duplex Receptacle	8200-PL I, W, R, No Brown	—	8300-PL I, W, R, No Brown	—

Note: Single, Slim Design, Illuminated, Pilot Light and Tamper-Resistant Receptacles meet specifications for UL Hospital Grade listing but have a different construction and design from standard Hospital Grade Duplex Receptacles listed above.

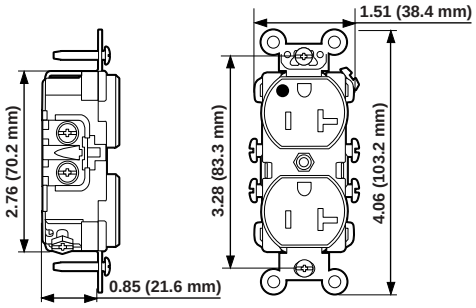
Isolated Ground Receptacles *(Basic Cat. No. Denotes Orange Device*)*

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Duplex Receptacle	8200-IG B, I, W, G, R	—	8300-IG B, I, W, G, R	—
Duplex Receptacle w/6" Ground Lead	8200-LIG Orange Only	—	8300-LIG Orange Only	—
Single Receptacle	8210-IG Orange Only	—	8310-IG Orange Only	—

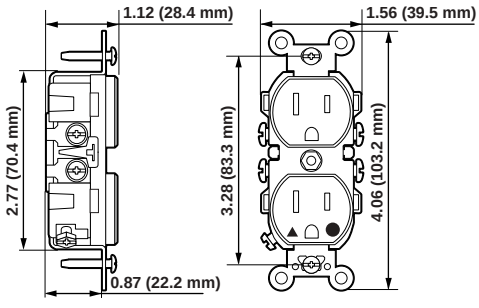
Wallplates for Isolated Ground Receptacles *(Engraved with "Isolated Ground")*

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Orange Device**
1-Gang 1-Duplex Receptacle	80703-IG	I, W
1-Gang 1-Single Receptacle with 1.406" dia. hole	80704-IG	Orange Only

All devices are UL Listed and CSA Certified.



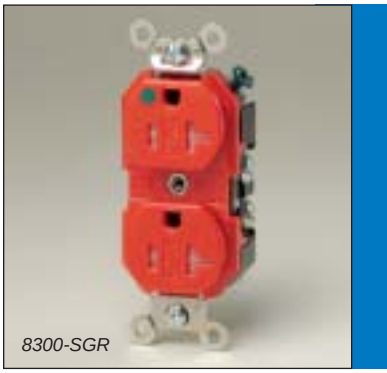
HOSPITAL GRADE
Cat. No. 8300

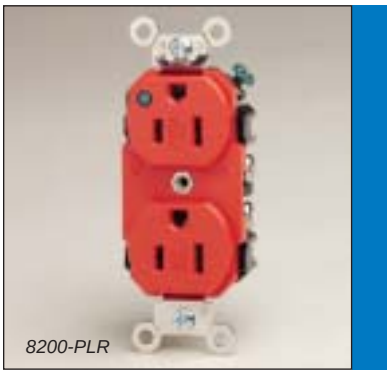


HOSPITAL GRADE ISOLATED GROUND
Cat. No. 8200-IG

See Page D4 for Leviton's full line of Four-In-One Receptacles.

See Section R for Leviton's full line of Surge Protective Devices.





SPECIFICATIONS & FEATURES

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- High-performance brass #10-32 terminal screws to reduce conductor oxidation
- Back and side-wire ground termination-brass strap version
- Back and side-wiring options
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact

TESTING & CODE COMPLIANCE

- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596
- CSA Certified (CSA File #152105)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown for Hospital Grade and Orange for Isolated Ground (-IG) Devices. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (for IG devices only, add -B), Red (-R), Gray (-G or -GY) and Black (-E).

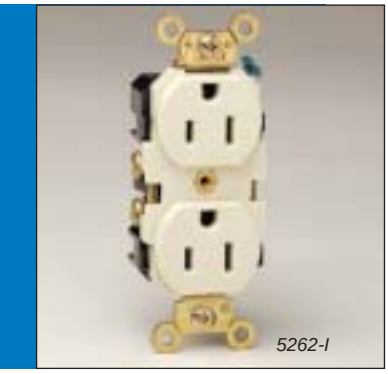
MATERIAL CHARACTERISTICS

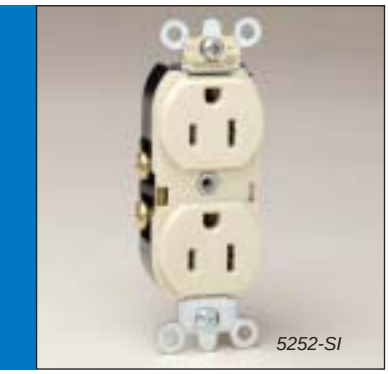
Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles





SPECIFICATIONS & FEATURES

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Locked-in mounting strap
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity

TESTING & CODE COMPLIANCE

- UL Listed 498 (UL File #13399); UL Federal Specification WC-596
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown device, except for Isolated Ground (-IG) devices Basic Cat. No. denotes Orange. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (For IG devices only, add -B), Almond (-A), Gray (-G or -GY), Black (-E), Red (-R) and Blue (-BU).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Back and Side Wired (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex Receptacle, Brass Strap	5262 I, W, GY, R, E	5662 I	5362 I, W, GY, R, E	5462 I, GY
Single Receptacle	5261 I, W, GY	5661 I	5361 I, W, GY, A, E	5461 I, A, GY
Narrow Body Duplex Receptacle	5252 I, W (No Brown)	———	5352 I, W (No Brown)	———
Single Receptacle, Clockhanger	5261-CH Stainless Steel	———	5361-CH Stainless Steel	———
Duplex Receptacle, Slim Body, Smooth Face	5262-S I, W, GY, R, BU, A	———	5362-S I, W, GY, R, BU, A	———

Note: Single Receptacles meet Federal Specifications WC-596 but have a different construction and design than Duplex Receptacles listed above.

Back and Side Wired — Isolated Ground Receptacles (-IG)

(Basic Cat. No. Denotes Orange Device)*

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Slim Design Duplex Receptacle	5262-IG B, I, W, G, R	5662-IG	5362-IG B, I, W, A, G, R	5462-IG
Slim Design, Canadian Version Duplex Receptacle	5262-SIG	———	5362-SIG	———

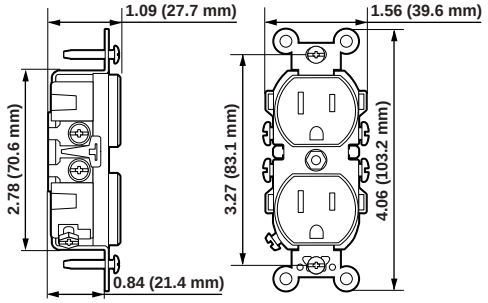
Side Wired (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Duplex Receptacle	5242 I, W, GY, R	———	5342 I, W, GY, R	———
Single Receptacle	5251 I	5651 I, W	5351 I	———

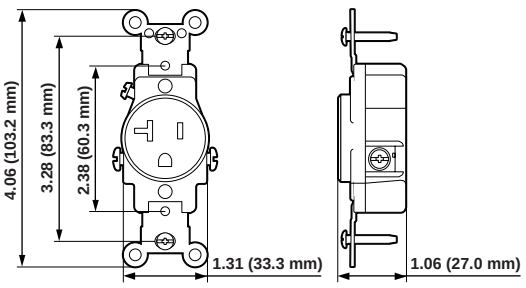
Back and Side Wired Dual Voltage (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	RATING	CAT. NO.	COLOR
Duplex Receptacle	15A 125V/15A 250V	5292	I

All devices are UL Listed and CSA Certified.



BACK & SIDE WIRED
Cat. No. 5252



SINGLE RECEPTACLE
Cat. No. 5361

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

Four-In-One 2-Pole 3-Wire Grounding *(Basic Cat. No. denotes Brown device, except Isolated Ground devices-Basic Cat. No. denotes Orange device)*

DESCRIPTION	CAT. NO./COLOR* 15A-125V 5-15R	CAT. NO./COLOR* 20A-125V 5-20R
Nylon Four-in-One Receptacle	1254 I, W, GY, R, E	21254 I, W, GY, R, E, Y
Nylon Hospital Grade Four-in-One Receptacle	1254-H I, W, R	21254-H I, W, GY, R
Nylon Hospital Grade/Isolated Ground Four-in-One Receptacle	1254-IG I	21254-IG I, W
Nylon Surge Protective Four-in-One Receptacle	5480 I, W, GY, BU (No Brown)	5490 I, W, GY, BU (No Brown)
Nylon Surge Protective/Isolated Ground Four-in-One Receptacle	5480-IG I, B	5490-IG I, B
Nylon Hospital Grade/Isolated Ground Surge Protective Four-in-One Receptacle	8480-IG I, W, B	8490-IG I, W, B
Nylon Hospital Grade Surge Protective Four-in-One Receptacle	8480 I, W, R (No Brown)	8490 I, W, R (No Brown)

Four-In-One Adapter Plates

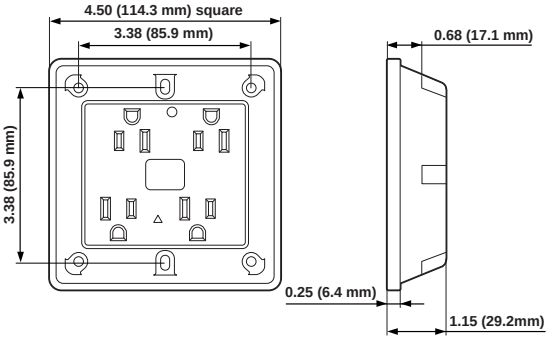
	CAT. NO.	COLOR*
	3254	(Basic Cat. No. Denotes Brown) I, W, GY, R, E, OR, BLU

Four-In-One Portable Boxes

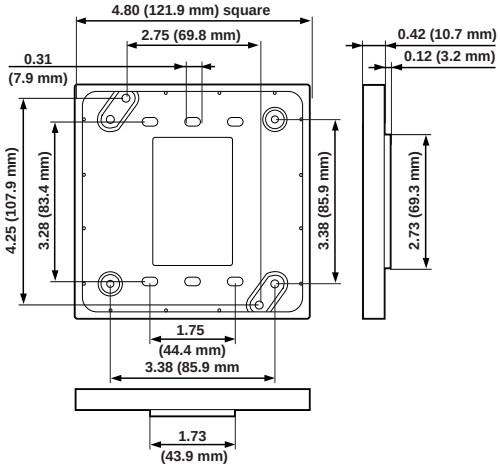
	CAT. NO.	COLOR*
	4254	(No Brown) I, GY, E, OR, Y

Portable boxes are not UL Listed. UL Listing does not apply when Four-in-One Receptacles are used with portable boxes for extension cord applications.

All devices are UL Listed and CSA Certified.



HOSPITAL GRADE/ISOLATED GROUND NYLON FOUR-IN-ONE RECEPTACLE Cat. No. 1254-IG



FOUR-IN-ONE ADAPTER PLATE Cat. No. 3254

- Termination anchor holes for easy conductor wiring
- Deep cut mill-slotted screws resist slippage
- Exclusive shield-wall design protects ground connection from contact with live circuit conductors
- "A" and "B" molded on face and back for easy identification of receptacle pairs for split-circuit conversion
- Convenient built-in strip-gauge

TESTING & CODE COMPLIANCE

- UL Listed 498 for Hospital Grade (UL File #13399); UL Federal Specification WC-596; Ul Listed Adapter Plates (File #E-13397)
- CSA Certified where applicable (CSA File #152105); CSA Certified Adapter Plates (File #LR-16347)
- NOM Certified (#057)
- Complies with NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. denote Brown device, except for Isolated Ground (-IG) devices-Basic Cat. No. denotes Orange. Isolated Ground receptacle distinguished by orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Red (-R), Gray (-G or -GY), Black (-E), Orange (For adapter plates and portable boxes only, -OR), Blue (-BU, -BLU, -B) and Yellow (-Y).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

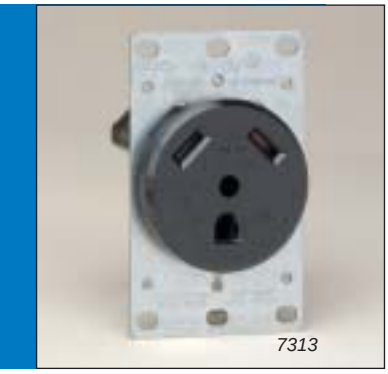
SPECIFICATIONS & FEATURES

- Terminal wiring screws fit inside a standard single-gang wallbox; adapter plate not required (optional)
- Heavy-impact nylon cover and base for strength and resistance to chemicals and corrosives
- Smooth face; easy to clean surface
- Easy-to-read voltage and amperage rating molded onto face
- Heavy-duty, T-type triple-wipe bronze contacts for maximum performance
- Ground holes configured up or down to be outside the device, accommodating up to 4 Fed Spec size straight or angle plugs
- No. 8 terminal screws accept up to No. 12 solid or stranded copper wire

See Section R for Leviton's full line of Surge Protective Devices.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles


7313

5371

SPECIFICATIONS & FEATURES

- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminals marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes

TESTING & CODE COMPLIANCE

- UL Listed for copper or aluminum conductors–except Cat. Nos. 7250, 7313, 830-T (File #E-13399); Angle Plugs (File #E-13393)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); Receptacle for Recreational Vehicles (File #2781); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Power Devices

20 AMP 120/208V 3ØY 4-Pole 4-Wire

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle★	7250-FR 18-20R	Fits any standard single gang receptacle plate. See Section G for more information.
Matching Plug★	7251-C 18-20P	

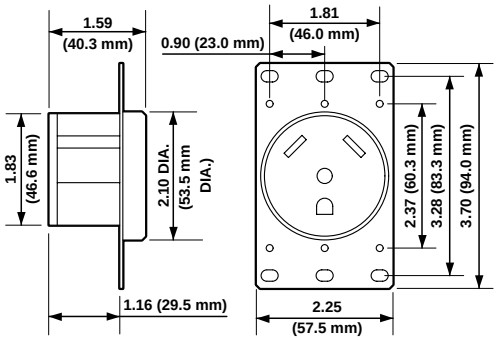
30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5371† 5-30R	Fits all wallplates with 2.15" diameter center hole. See Section G for more information
Flush Mount Receptacle Isolated Ground	5371-IG	As above
Matching Angle Plug	9530-P 5-30P	

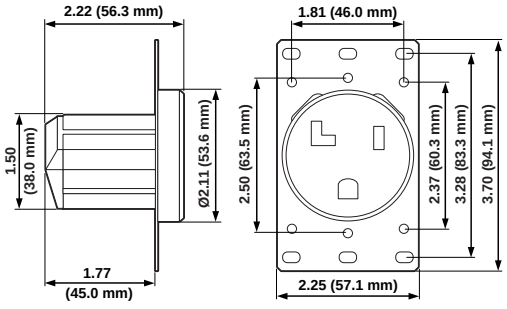
30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.
Flush Mount Receptacle for Recreational Vehicles	7313 TT-30R
Matching Angle Plug	830-T TT-30P ANSI STD.C73.13

†Matching single-gang wallplate: Cat. No. 84028. Matching Industrial Weather-Resistant cover: Cat. No. WP2.
All devices are UL Listed. Also CSA Certified except where indicated by★
*Matching single-gang plastic wallplate: Cat. No. 80525.



FLUSH MOUNT RECEPTACLE
CAT. NO. 7313

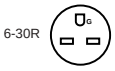


2-POLE, 3-WIRE GROUNDING
Cat. No. 5371

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Power Devices

30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5372† 	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Flush Mount Receptacle Isolated Ground	5372-IG	As above
Surface Mount Receptacle	5376	
Matching Angle Plug	9630-P	

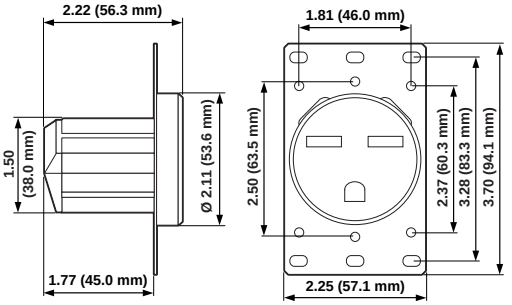
30 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	9730-A†	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Matching Angle Plug	9730-P	

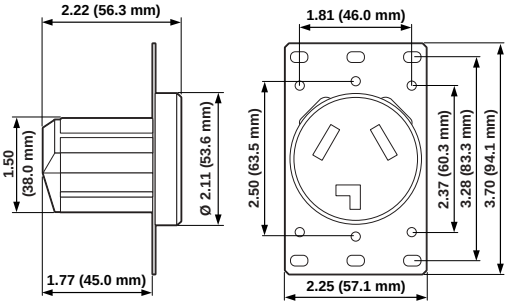
30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5207†	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Surface Mount Receptacle	5054	
Matching Angle Plug	9332-P	

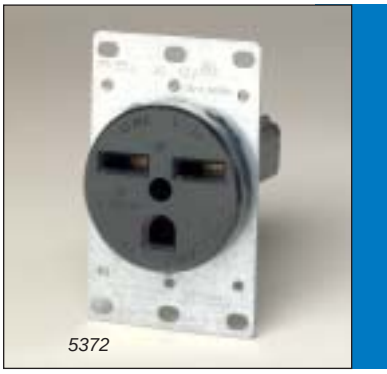
†Matching single-gang stainless steel wallplate: Cat. No. 84028.
Matching Industrial Weather-Resistant cover: Cat. No. WP2.
Matching two-gang stainless steel wallplate: Cat. No. 84026.
Matching two-gang nylon wallplate: Cat. No. 80728.
All devices are UL Listed and CSA Certified.

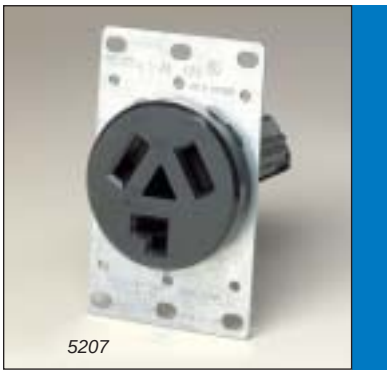


2-POLE, 3-WIRE GROUNDING
Cat. No. 5372



3-POLE, 3-WIRE NON-GROUNDING
Cat. No. 5207


5372


5207

SPECIFICATIONS & FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminals marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for ¾" and1" conduit and adjustable cord clamp for back and bottom entrance of cable

TESTING & CODE COMPLIANCE

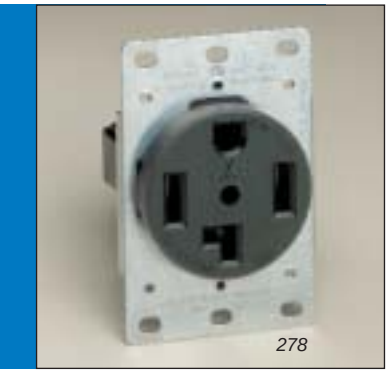
- UL Listed for copper or aluminum conductors (File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles


278

8330

SPECIFICATIONS & FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface mount devices are COMMERCIAL GRADE and have concentric knockouts for ¾" and1" conduit and adjustable cord clamp and back and bottom entrance of cable

TESTING & CODE COMPLIANCE

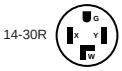
- UL Listed for copper or aluminum conductors(File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

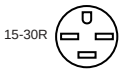
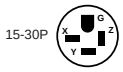
Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

Power Devices

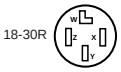
30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	278† 14-30R	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Panel Mount Receptacle	278-PM	See page D9 for dimensional drawing
Surface Mount Receptacles	55054	
Matching Angle Plug	9432-P  14-30R	

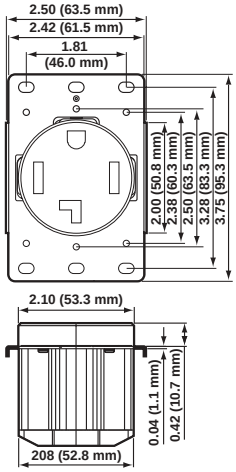
30 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8430††  15-30R	Fits 2-gang wallplates w/2.465" diameter center hole. See Section G for more information.
Matching Angle Plug	8432-P  15-30P	

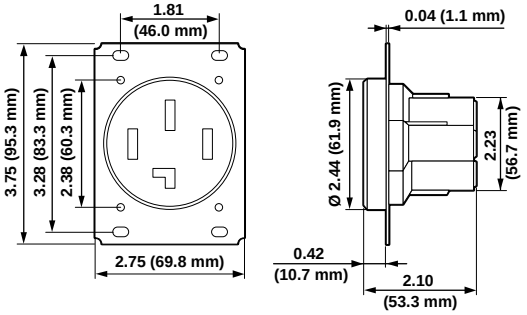
30 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8330††  18-30R	Fits 2-gang wallplates w/2.465" diameter center hole See Section G for more information.
Matching Angle Plug	8332-P 18-30R	

†Matching single-gang wallplate: Cat. Nos. 84026, 84028.
††Matching single-gang wallplate: Cat. No. S701-40
All devices are UL Listed and CSA Certified.



3-POLE, 4-WIRE GROUNDING
Cat. No. 278 (shown)
Cat. No. 279 (same as 278, except for NEMA configuration)



4-POLE, 4-WIRE, NON-GROUNDING
Cat. No. 8330

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

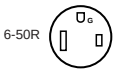
Straight Blade Receptacles

Power Devices

50 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5373†	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Matching Angle Plug	9550-P	

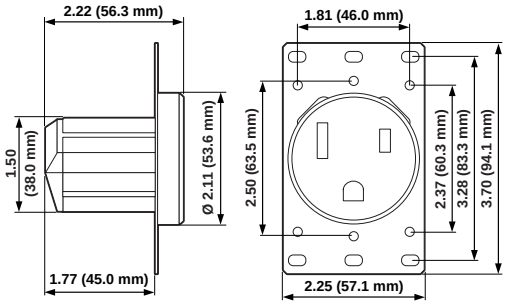
50 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5374† 	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Flush Mount Receptacle Isolated Ground	5374-IG	As above
Surface Mount Receptacle	5378	
Matching Angle Plug	9650-P	

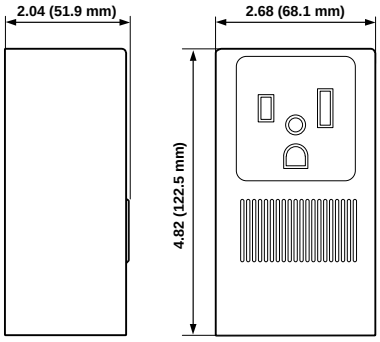
50 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	9750-A†	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Matching Angle Plug	9750-P	

†Matching single-gang wallplate: Cat. No. 84028. Matching Industrial Weather-Resistant cover: Cat. No. WP2.
All devices are UL Listed and CSA Certified.



3-POLE, 3-WIRE GROUNDING
Cat. No. 5373



SURFACE MOUNT RECEPTACLE
Cat. No. 5378

5373

5378

SPECIFICATIONS & FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for ¾" and1" conduit and adjustable cord clamp and back and bottom entrance of cable

TESTING & CODE COMPLIANCE

- UL Listed for copper or aluminum conductors(File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

5206

279-PM

SPECIFICATIONS & FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for ¾" and1" conduit and adjustable cord clamp and back and bottom entrance of cable

TESTING & CODE COMPLIANCE

- UL Listed for copper or aluminum conductors(File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

Power Devices

50 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	5206† 10-50R	Fits all wallplates with 2.15" diameter center hole. See Section G for more information.
Surface Mount Receptacle	5050	
Matching Angle Plug	9450-P 10-50P	

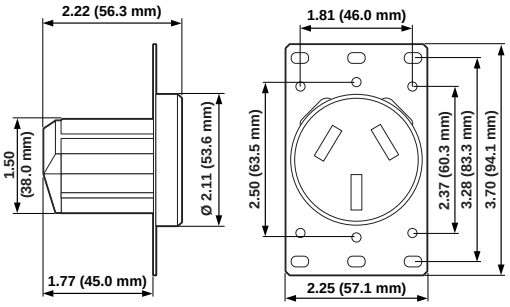
50 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	279† 14-50R	Fits all wallplates with 2.15" diameter center hole. See Section G for more information. See page D7 for dimensional drawing
Panel Mount Receptacle	279-PM	
Surface Mount Receptacle	55050	
Matching Angle Plug	9452-P 14-50P	

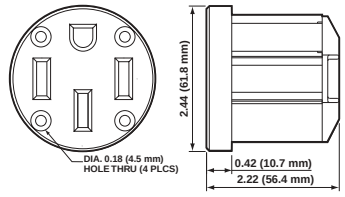
50 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8450†† 15-50R	Fits wallplates with 2.465" diameter center hole. See Section G for more information.
Flush Mount Receptacle Isolated Ground	8450-IG	As above
Matching Angle Plug	8452-P 15-50P	

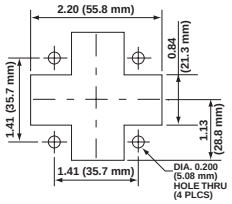
†Matching single-gang wallplate: Cat. Nos. 84206, 84028. Matching Industrial Weather-Resistant cover: Cat. No. WP2.
††Matching single-gang wallplate: Cat. No. S701-40
All devices are UL Listed and CSA Certified.



3-POLE, 3-WIRE NON-GROUNDING
Cat. No. 5206



3-POLE, 4-WIRE GROUNDING
Cat. No. 279-PM (shown)
Cat. No. 278-PM (same as 279, except for NEMA configuration)



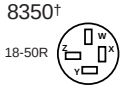
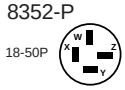
RECOMMENDED PANEL CUTOUT

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

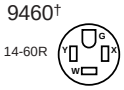
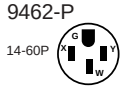
Straight Blade Receptacles

Power Devices

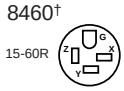
50 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT.NO.	WALLPLATE INFORMATION
Flush Mount Receptacle★	8350†  18-50R	Fits wallplates with 2.465" diameter center hole.
Matching Angle Plug★	8352-P  18-50P	

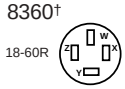
60 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT.NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	9460†  14-60R	Fits wallplates with 2.465" diameter hole.
Flush Mount Receptacle Isolated Ground	9460-IG	As above
Matching Angle Plug	9462-P  14-60P	

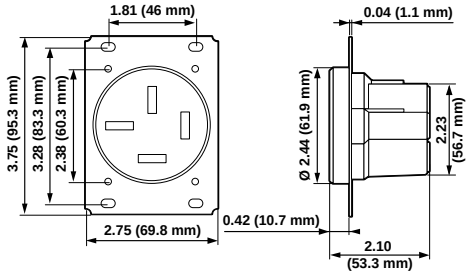
60 AMP 250V 3Ø 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle	8460†  15-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug	8462-P 15-60P	

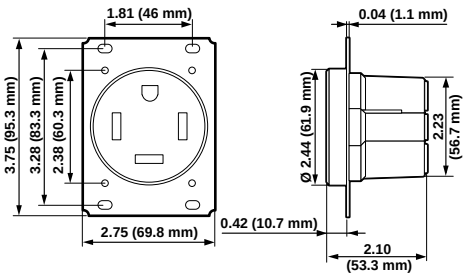
60 AMP 120/208V 3ØY 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	WALLPLATE INFORMATION
Flush Mount Receptacle★	8360†  18-60R	Fits wallplates with 2.465" diameter hole.
Matching Angle Plug★	8362-P 18-60P	

†Matching single-gang wallplate: Cat. No. S701-40
All devices are UL Listed. Also CSA Certified except where indicated by★



4-POLE, 4-WIRE NON-GROUNDING
Cat. No. 8350



3-POLE, 4-WIRE GROUNDING
Cat. No. 9460

8350

9460

SPECIFICATIONS & FEATURES

- Made of durable thermoplastic
- Heavy-gauge, double-wipe copper alloy contacts
- Easy-to-wire terminals accept up to No. 4 AWG conductors
- Terminal marked for easy identification and fast wiring
- All mounting hardware included
- Flush-mount devices fit single or two-gang outlet boxes
- Surface-mount devices are COMMERCIAL GRADE and have concentric knockouts for ¾" and1" conduit and adjustable cord clamp and back and bottom entrance of cable

TESTING & CODE COMPLIANCE

- UL Listed for copper or aluminum conductors(File #E-13399); Angle Plugs (File #E-13393, File #E-3810)
- UL Test 498
- CSA Certified for copper or aluminum conductors (File #152105); CSA Test 42
- NOM Certified (#057)
- Meets NEMA and ANSI standards
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 75°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

Straight Blade Receptacles

LEVITON
Building a Connected World

Leviton's Commercial Receptacles are manufactured to withstand the demands of commercial and institutional applications. These commercial receptacles provide long-lasting service life and are a cost-saving alternative to the industrial devices.

Features and Benefits

- Cost-efficient alternative to industrial receptacles
- Manufactured to withstand the demands of commercial and institutional applications
- Power contacts available in triple and double wipe for maximum conductivity and plug retention
- Shallow design for maximum wiring room in box
- UL Listed 498 (UL File #E-13399)
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty
- All commercial side-wired receptacles have #8-32 triple combination head terminal screws
- All commercial back and side-wired receptacles have #10-32 triple combination head terminal screws

Cat No. BR20

Commercial Receptacles with Industry-Leading Features

Back and Side Wired

Constructed of high impact resistant thermoplastic, power contacts are triple wipe for good conductivity.

Cat. No. BR15-I

Dual Voltage

Available with back and side-wired options, it can operate at either 125 or 250V volts.

Cat. No. 5844

Side Wired

Smooth face, self-grounding clip, easily accessible break-off tabs for split-circuit wiring.

Cat. No. CRO15

Single Side Wired

Triple wipe for maximum conductivity.

Cat. No. 5015-W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

Back and Side Wired 15 AMP 125V & 250V 20 AMP 125V & 250V Grounding (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex Receptacle	BR15 I, W, GY, E, A	5098 I	BR20 I, W, GY, E, A	5824 I
Slim Duplex Receptacle	BR15-S I, W, GY, E, A	———	BR20-S I, W, GY, E, A	———
Single Receptacle	5088 I, A	5089 I	5891 W	5823 I

Dual Voltage Back and Side Wired 20 AMP 125V & 20 AMP 250V Grounding (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	CAT. NO. 20A/125V 5-20R	CAT. NO. 20A/250V 6-20R	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle, Dual Voltage★	5844	5844	I

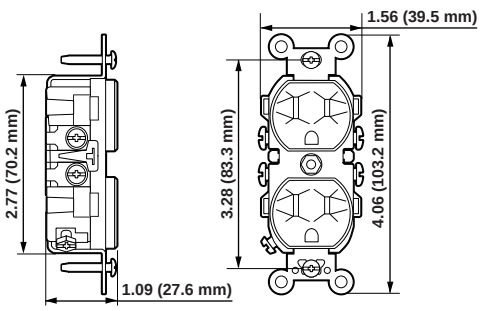
Dual Voltage Side Wired 15 AMP 125V & 15 AMP 250V Grounding

DESCRIPTION	CAT. NO. 15A/125V 5-15R	CAT. NO. 15A/250V 6-15R	COLOR* Basic Cat. No. Denotes Brown
Duplex, Grounding, Dual Voltage (Triple Wipe)	5031	5031	I, W

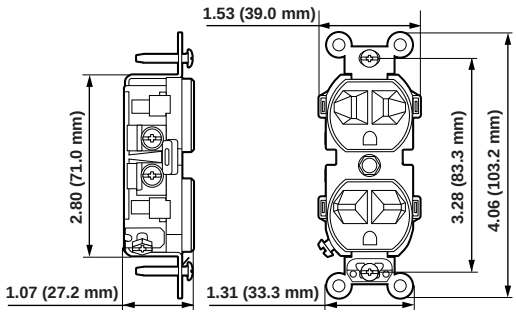
Dual Voltage Side Wired 20 AMP 125V & 20 AMP 250V Grounding

DESCRIPTION	CAT. NO. 20A/125V 5-20R	CAT. NO. 20A/250V 6-20R	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle, Dual Voltage (Triple Wipe)	5842	5842	I

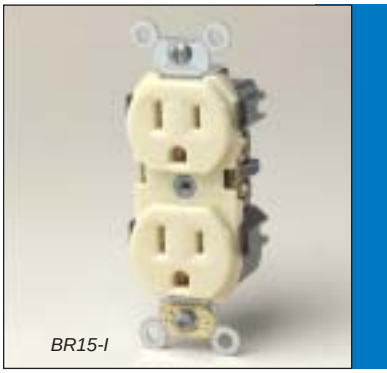
All devices are UL Listed. Also CSA Certified except where indicated by★



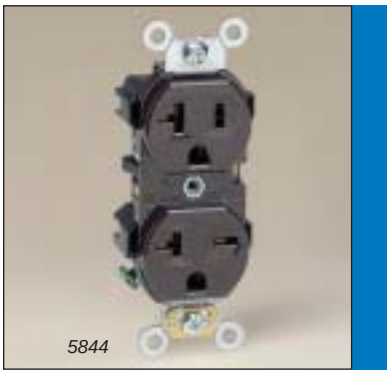
BACK & SIDE WIRED
Cat. No. BR15



DUAL VOLTAGE
Cat. No. 5031



BR15-I



5844

SPECIFICATIONS & FEATURES

- Large-head, triple-drive terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- Back-wiring clamps accept up to No. 10 copper or copper-clad wire
- All power contacts are triple wipe for maximum conductivity and plug retention
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation
- Break-off tabs on duplex receptacles for easy two-circuit conversion

TESTING & CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1, & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E), Almond (-A), Gray (-GY).

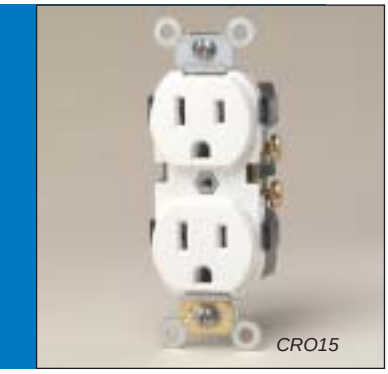
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles


CRO15

5284-SS

SPECIFICATIONS & FEATURES

- Large-head terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- All power contacts are triple wipe for maximum conductivity and plug retention — except CR series
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation where applicable

5249-FBA, 5349-FBA & 5250

- Complies with NEC 370-27(b)
- All-in-one, ready-to-wire unit provides quick, easy installation
- Plate gasket and O-ring combine to seal out moisture and contaminants (5249-FBA)
- Thick brass plate and screw cap resist abuse and prevent contaminant from entering device
- Durable nylon face and body resist breakage
- Brass screw cap threaded to fit flush to plate
- Green grounding screw

TESTING & CODE COMPLIANCE

- UL Listed 498 (File #E-13399)
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1, and -6, and ANSI standards
- Backed by a Limited 10-Year Warranty

5249-FBA & 5250

•Meets UL #498 requirements
•CSA Certified (#42)

*COLOR

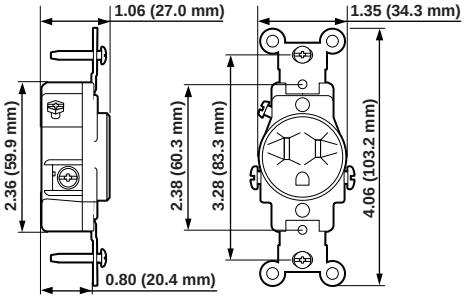
Basic Cat. Nos. shown above denote Brown color device. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY) and Black (-E).

Side Wired 15 AMP 125 and 250V
20 AMP 125 and 250V (Basic Cat. No. Denotes Brown Device)*

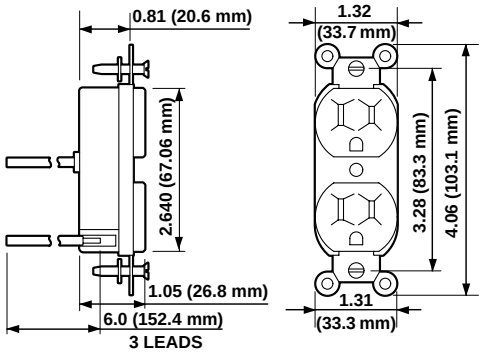
DESCRIPTION	CAT. NO./COLOR 15A/125V 5-15R	CAT. NO./COLOR 15A/250V 6-15R	CAT. NO./COLOR 20A/125V 5-20R	CAT. NO./COLOR 20A/250V 6-20R
Duplex Receptacle	CR15 I, W, GY, E, A	5028* I	CR20 I, W, GY, E, A	5822* I, W
Duplex Receptacle	CR15-C*	———	———	———
Duplex Receptacle, Smooth Face	CRO15 I, W, GY	———	CRO20 I, W, GY	———
Single Display Receptacle, Brass Plate, Brass Finish	5250 Brass	———	———	———
Duplex Receptacle, on 4" Cover★	5042 Zinc plated steel	———	———	———
Single Receptacle	5015 I, W, A	5029 I	5801 I, W, A	5821 I, W, A
Single Receptacle on 4" Cover	5059 Zinc plated steel	———	———	———
Duplex Receptacle with Pigtail Leads★	5040 I, (No Brown)	———	5340 I	———
Floorbox assembly w/Solid Brass Floorplate	5249-FBA Brass	———	5349-FBA Brass	———
Floorbox Plug	5249-CAP Brass			
Single Receptacle, Short Strap, 8-32 Tapped Mounting Holes on 1¾" Centers	5258-SS E Only	5658-SS E Only	———	5458-SS E Only
Single Receptacle, Short Strap, 8–32 Tapped Mounting Holes on 1 15/16" Centers	5284-SS E Only	———	———	———
Duplex Receptacle, Less Plaster Ears	———	———	5800-4 I	———
Tamper Resistant Duplex Receptacle	CR15S-G I, W (No Brown)			

*Canadian version

All devices are UL Listed. Also CSA Certified except where indicated by★



SIDE WIRED
Cat. No. 5015



3 LEADS

DUPLEX RECEPTACLE
Cat. No. 5040

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

QuickPort® Snap-In Jacks and Modules with Brass Floorplate

DESCRIPTION	CAT. NO.	COLOR
Floor Jack Housing with Brass Plate and 6-Conductor Jack	41650-6	Brass
Floor Jack Housing with Brass Plate and Coaxial F-Connector	41650-F	Brass
Duplex Floor Jack Housing with Brass Plate and Two 6-Conductor Jacks	41652-6	Brass
Duplex Floor Jack Housing with Brass Plate, 6-Conductor Jack and Coaxial F-Connector	41652-6F	Brass
Duplex Floor Jack Housing only; 1 Blank Filter Provided	41652-000	Brass

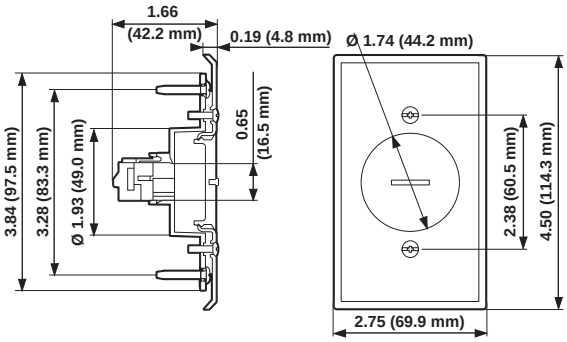
Back and Side Wired 15 AMP 277V AC Grounding

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Duplex Receptacle (Double Wipe)	5585 7-15R	Brown Only

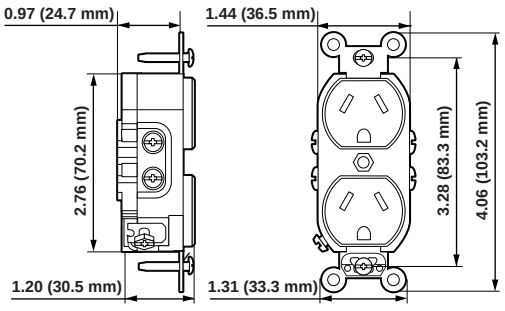
Side Wired 20 AMP 125/250V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single Receptacle (Double Wipe)★ (9151-N matching plug on page H4)	5032 10-20R	I

All devices are UL Listed. Also CSA Certified except where indicated by★



FLOORPLATE QUICKPORT® SNAP-IN JACKS & MODULES
Cat. No. 41652-6F



BACK & SIDE WIRED
Cat. No. 5585

SPECIFICATIONS & FEATURES

- Terminal screws, backed out and staked, accept No. 10 copper or copper-clad wire
- Power contacts are double wipe for maximum conductivity and plug retention
- Heavy gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room in box
- Convenient washer-type break-off plaster ears for best flush alignment
- Captive mounting screws for fast installation

TESTING & CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA WD-1 and -6, and ANSI standards
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

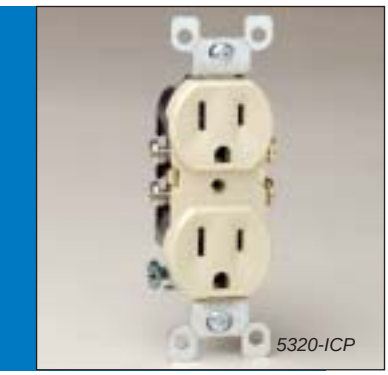
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade

Straight Blade Receptacles

LEVITON
Building a Connected World

5248-CP


5320-ICP

SPECIFICATIONS & FEATURES

- Terminal screws accept up to No. 12 copper or copper-clad wire
- Quickwire push-in terminals accept No. 14 solid copper wire only
- Double-wipe power contacts for maximum conductivity and plug retention
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room
- Break-off plaster ears for best flush alignment
- Captive mounting screws
- Break-off tabs allow easy two-circuit conversion

TESTING & CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA standards
- Backed by a Limited Two Year Warranty
- CO/ALR UL Listed 1561

*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

8-Hole Quickwire Push-In 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle, CONTRACTOR PACK (10 BULK)	5248-CP	I, W
Duplex Receptacle, Less Plaster Ears (200 BULK)	5248-4	I, W

Quickwire Push-In and Side Wired 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle, All Screws Backed Out, CONTRACTOR PACK (10 BULK)	5320-CP	I, W, A
Duplex Receptacle, Self-Grounding	5320-S	I, W, A
Duplex Receptacle, Less Plaster Ears★, All Screws Backed Out	5320-4	I, W

Side Wired 15 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle, on 4" Cover★	1228	Brown Only

CONTRACTOR PACK is a box of 10 bulk-packed devices (no individual packaging) for speedy on-the-job installation.

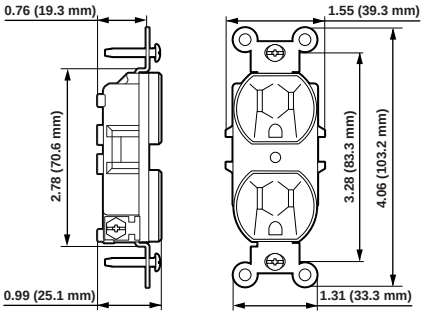
CSA CERTIFIED CO/ALR For use with • Aluminum • Copperclad • Copper

Side Wired CO/ALR 15 AMP 125V Grounding

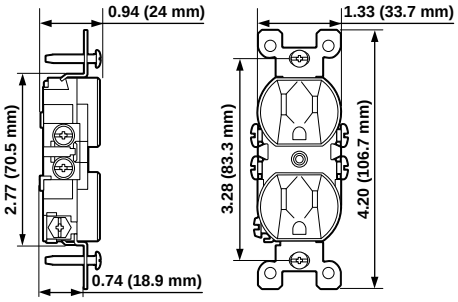
DESCRIPTION	CAT. NO.	COLOR* No Brown
Duplex Receptacle	12650	I, W

Note: UL Listed for direct connection to No. 12 or No. 10 aluminum conductors.

All devices are UL Listed. Also CSA Certified except where indicated by★



8-HOLE QUICKWIRE PUSH-IN
Cat. No. 5248-CP



QUICKWIRE PUSH-IN & SIDE WIRED
Cat. No. 5320

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Receptacles

Side Wired 15 AMP/125V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Duplex Receptacle,★ Plaster Ears	223	I, W
Duplex Receptacle,★ Less Plaster Ears	222	I
	1-15R	
Duplex Receptacle T-SLOT,★ not UL Listed; for replacement use only	5000	I

Snap-In Devices 15 AMP/125V

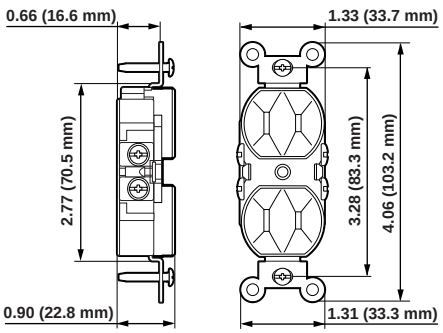
DESCRIPTION	CAT. NO.	PANEL THICKNESS (inches)	PANEL OPENING (inches)	COLOR* No Brown
2-Wire Polarized Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped ½"	1306 1-15R	.028 –.060	.97 x .52	E, W
2-Wire Polarized Outlet. Back Strap Mounting, Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped ½"	306 1-15R	.015 –.093	.97 x .52	E, W
3-Wire Grounding Outlet. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped ½". Grounding Wire No. 16 AWG	1374 5-15R	.031 –.080*	.95 x .95	E, W
3-Wire Grounding Power Plug. Leads No. 14 AWG, 105°C Plastic, 6" Long, Stripped ½". Grounding Wire No. 16 AWG	1373 5-15P	.031 –.080	.95 x .95	E

*Other panel thicknesses available.

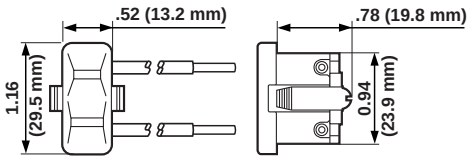
Side Wired Clock Hanger 15 AMP/125V Grounding

DESCRIPTION	CAT. NO.	COLOR* No Brown
Flush Mount with Square Recess	688 5-15R	I, W

All devices are UL Listed. Also CSA Certified except where indicated by★



SIDE-WIRED, NON-GROUNDING
Cat. No. 223



SNAP-IN DEVICE 2-WIRE
Cat. No. 1306

223-I

1306-W

SPECIFICATIONS & FEATURES

223-I & 5000

- Terminal screws accept up to No. 12 copper or copper-clad wire for side wiring
- Double-wipe power contacts for maximum conductivity and plug retention
- Heavy-gauge, rust-resistant steel mounting strap
- Shallow design for maximum wiring room
- Break-off plaster ears for best flush alignment
- Captive mounting screws
- Break-off tabs allow easy two-circuit conversion

1306

- All 1306 product come with dual exiting capabilities
- 1306 with 3 wire (with ground) configurations available upon request

TESTING & CODE COMPLIANCE

- UL Listed 498
- CSA Certified where applicable (File #LR-406)
- NOM Certified (#057)
- Meets or exceeds NEMA standards
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 60°C maximum continuous

Snap-In Devices

Environmental: Flammability, Rated V2

Operating Temperature: From -40° C (without impact) to 65°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

“Leviton’s combination devices offer the efficiency of two functions in one device in a space that’s designed for just one. That’s convenience! For me and my customers. But what I like most is that they’re tough and dependable. They have double-wipe contacts for maximum conductivity, so they won’t let you down.”

Contractor

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Combination Devices

Commercial Grade

Leviton offers the most comprehensive line of durable combination devices on the market today. Combination devices permit installation of two devices in a space normally occupied by only one, resulting in reduced installation time and increased convenience.

The following pages provide a detailed listing of the complete line of Leviton combination devices.

COMMERCIAL GRADE
AC COMBINATION SWITCHES

15A Devices ____ **E1**
- **15A Switch/Receptacle** ____ **E1**
- **15A Switches** ____ **E1**
- **15A S.P. Switch/Neon Pilot Light** ____ **E1**

20A Devices ____ **E1**
- **20A S.P. Switches** ____ **E1**
- **20A S.P. Switch/Receptacle** ____ **E1**
- **20A S.P. Switch/Neon Pilot Light** ____ **E1**

Decora Combination Switches ____ **E2**
- **15A Switch/Receptacle** ____ **E2**
- **20A Switch/Receptacle** ____ **E2**

Decora Multi Switches ____ **E3**

SmartLock™ GFCI/Switch (15A Receptacle, 20A Feed-Through, 8.3A Switch) ____ **E3**

SECTION E

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

AC Combination Devices

LEVITON
Building a Connected World

5225-W

5226-W

SPECIFICATIONS & FEATURES

- AC quiet switches have silver-cadmium oxide contacts and receptacles have double-wipe contacts for maximum conductivity
- All devices have grounding screw, except where noted
- Side wired with terminal screws that accept up to #12 copper or copper-clad wire
- Fit standard wallboxes
- Break-off tabs on devices with AC quiet switches permit conversion to separate feeds (except switch/pilot light combinations)

TESTING & CODE COMPLIANCE

- UL Listed(File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denotes Brown color. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Black (-E).

HORSE POWER

15A Switch	20A Switch
½ @120V	1 @120V
2 @240V	2 @240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

Combination Devices

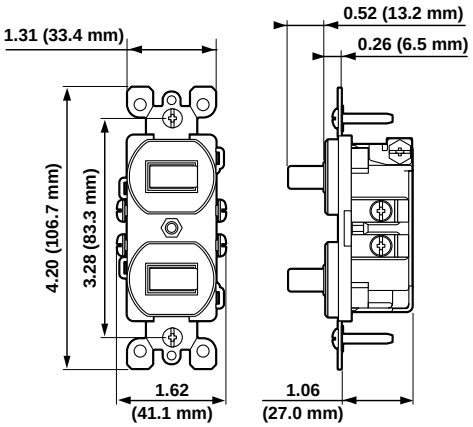
15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR* *Basic Cat.No. Denotes Brown*
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A-125V	5225	I, W, A
3-Way Switch/Receptacle (Non-Grounding Switch)	Switch: 15A–120V AC Receptacle: 15A–125V	5245	I, W
Two Single-Pole Switches (Non-Grounding)	15A–120/277V AC	5224	I, W
Two Single-Pole Switches (Grounding version)	15A–120/277V AC	5224-2	I, W, A
3-Way Switch/ Single-Pole Switch (Non-Grounding)	15A–120/277V AC	5241	I, W, A
Two 3-Way Switches (Non-Grounding)	15A–120/277V AC	5243	I, W, A
Single-Pole Switch/Pilot Light	Switch: 15A–120V AC Pilot Light: 1/25W–125V AC	5226	I, W, A

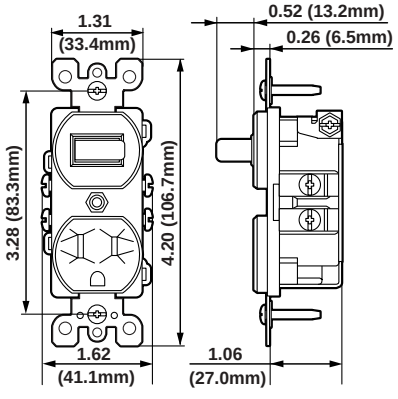
20 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR* *Basic Cat.No. Denotes Brown*
Two Single-Pole Switches	20A–120/277V AC	5334	I, W
Single-Pole Switch/Receptacle	Switch: 20A–120V AC Receptacle: 20A–125V	5335	I, E
Single-Pole Switch/Pilot Light	Switch: 20A–120V AC Pilot Light: 1/25W–125V AC	5336	I

All devices are UL Listed and CSA Certified.



TWO SINGLE-POLE SWITCHES
Cat. No. 5224 and 5334



SINGLE POLE SWITCH AND GROUNDING RECEPTACLE
Cat. No. 5225

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora® Combination Devices

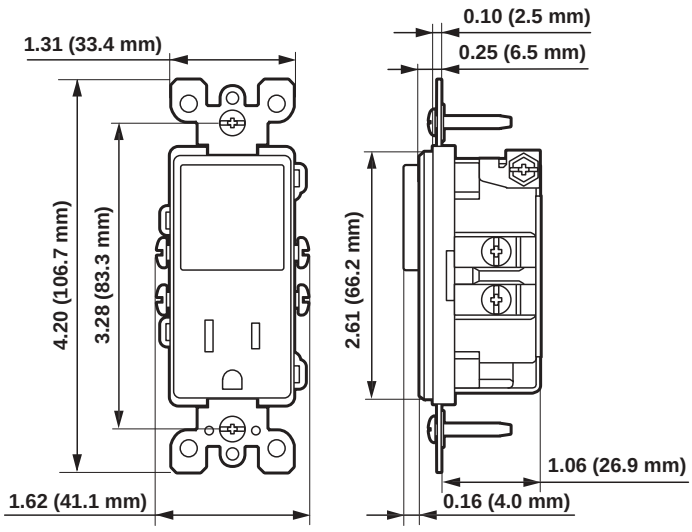
15 AMP

DESCRIPTION	RATING	CAT. NO.	COLOR*
Single-Pole Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A-125V	5625	I, W, A, GY
Single-Pole Switch/Pilot Light	Switch: 15A–120V AC Pilot: 1/25W–125V AC	5626	I, W, A
Two Single-Pole Switches	15A-120/277V AC	5634	I, W, A, GY
3-Way Switch/Single-Pole Switch	15A-120/277V AC	5641	I, W, A
Two 3-Way Switches	15A-120/277V AC	5643	I, W, A
3-Way Switch/Receptacle	Switch: 15A–120V AC Receptacle: 15A–125V	5645	I, W, A
3-Way Switch/Pilot Light	Switch: 15A–120V AC Pilot: 1/25W–125V	5646	I, W, A

20 AMP

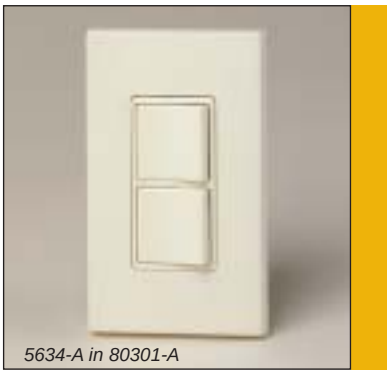
DESCRIPTION	RATING	CAT. NO.	COLOR*
Two Single-Pole Switches	20A-120/277V AC	5627	I, W, A
Single-Pole Switch/Receptacle	Switch: 20A-120V AC Receptacle: 20A-125V	5636	I, W, A
Single-Pole Switch/Pilot Light	Switch: 20A-120V AC Pilot: 1/25W-125V AC	5637	I, W, A
Two 3-Way Switches	20A-120/277V AC	5640	I, W, A

All devices are UL Listed and CSA Certified.



SWITCH/RECEPTACLE
CAT. NO. 5625

5625-W in 80301-W



5634-A in 80301-A

SPECIFICATIONS & FEATURES

- Elegant Decora styling provides multiple control in a single-gang wallbox
- All devices have grounding screw
- Fit standard wall boxes

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY).

HORSE POWER

15A Switch	20A Switch
½ @120V	1 @120V
2 @240V	2 @240V

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

1755-W in 80301-W

8299-W

Decora® Combination Switches

Individual Switches: 15 AMP 120V/Device Total: 20 AMP-120V†

DESCRIPTION	CAT. NO.	COLOR*
Dual Rocker Switches	1754	I, W, A
Dual Rocker Switches with Grounding Lead	1754-2	W
Illuminated Dual Rocker Switches light is ON when top rocker is off	1754-IL	I, W, A
Three Rocker Switches	1755	I, W, A
Three Rocker Switches with Grounding Lead	1755-2	I, W
Three Rocker Switches (Double Pole ON-OFF-ON Top Switch; Two Single-Pole Switches)	1759	I, W

†WARNING: Although each individual rocker switch is rated up to 15A 120V, the total combined load for both duplex or all three triplex switches MUST NOT EXCEED 20 AMPS.

Decora® Combination Switch/SmartLock™ GFCI Outlet

Receptacle: 15 AMP 125V/Feed-through: 20 AMP 125V
Switch Rating: 8.3 AMP, 1000 WATTS @ 120V AC

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Mahogany*
Single-Pole Switch and SmartLock GFCI-Protected Outlet	8299	I, W, A

SPECIFICATIONS & FEATURES

- Multi-switch combination devices save space and add convenience
- Common shunted internally to all switches
- Elegant Decora styling permits ganging with other Decora devices
- Switch/SmartLock GFCI Receptacle replaces standard switch/outlet combination devices in commercial or residential installations
- Space-saving SmartLock GFCI protection in new or retrofit construction
- Switch/SmartLock GFCI Receptacle permits multiple wiring options that allow six different applications

SmartLock GFCI

- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not

TESTING & CODE COMPLIANCE

Decora Switches

- UL Listed(File #7458)
- CSA (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

Switch/SmartLock GFCI Receptacle

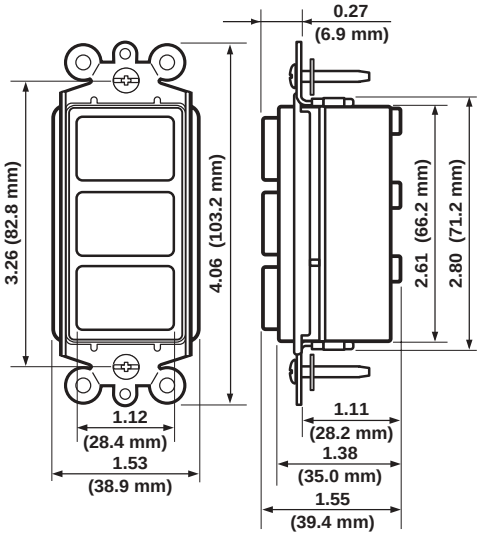
- UL Listed (File #48380)
- Listed UL Standard 943, Class A
- CSA Certified (File #LR-57811)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

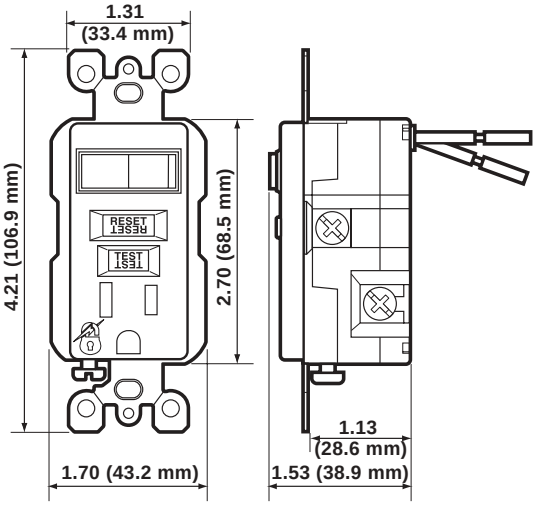
Colors available as listed. For other color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C



THREE ROCKER SWITCHES
Cat. No. 1755



COMBINATION SWITCH/SmartLock GFCI OUTLET
Cat No. 8299

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

GFCI Personnel Protection Devices

Leviton is the leading designer and manufacturer of Ground Fault Circuit Interrupters (GFCIs) in the electrical industry. For more than a quarter of a century, Leviton has developed — and continues to develop — GFCI receptacles and other products to help reduce the hazard of serious electrical shock.

The National Electric Code requires GFCI protection in specific locations within residential, commercial and industrial installations. New and revised GFCI applications appear with each new edition of the code. Leviton offers the largest and most diverse line of high quality, reliable devices to meet the demand for ground fault protection. Following is a complete listing of Leviton's GFCI product line.

GFCI PERSONNEL PROTECTION DEVICES

SmartLock™ GFCI Devices ____ F1–F3
- Overview ____ F1
- Hospital Grade Receptacles ____ F2
- Commercial Grade Receptacles ____ F2
- Switch-Rated Blank Face ____ F2
- Combination Switch/GFCI Outlet ____ F2
- High-Current ____ F3

Right-Angle GFCI Plug ____ F3
Shallow Wallbox Extender for GFCI ____ F3
GFCI Cordsets and Extension Cords ____ F4
GFCI Accessories ____ F5
Flush Cover Wallplates ____ F5
Raintight While-In-Use Covers ____ F5
Temporary Portable Power Distribution Center/GFCI (The Box) ____ F5
Power Cords for The Box ____ F5

SECTION F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

LEVITON
Building a Connected World

GFCI Personnel Protection Devices

SMART LOCK GFCI®

SmartLock™ GFCI with Lockout Action

Meets or Exceeds new Underwriters Laboratories (UL) 2003 GFCI Requirements

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise
- Diagnostic indication for miswiring

The SmartLock Protection Advantage

A standard GFCI can be RESET even if it's not providing ground fault protection. Leviton's patent-pending SmartLock features a RESET button that will not engage if protection has been compromised. With SmartLock, you will not have a live, unprotected receptacle in an installation where GFCI protection is required.

Ideal for a Wide Range of GFCI Applications

- Educational Facilities—Classrooms, bathrooms, laboratories, dormitory bathrooms and kitchens
- Airports—Public bathrooms, general use and maintenance areas
- Restaurants, Lodging and Retail Malls—Public bathrooms, general use and maintenance areas
- Residential—Kitchen, bathrooms, basements, outdoor receptacles and all locations where GFCI's are typically installed
- Public Areas—In any facility where GFCI receptacles are installed

SPECIFICATIONS & FEATURES

- Meets or exceeds UL 2003 Requirements
- TEST and RESET functions work together so that a tripped GFCI cannot be reset if GFCI circuit no longer provides ground fault protection
- RESET button is blocked if GFCI protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
- Cannot be reset if neutral is not present. GFCI can still be tripped with TEST button under this condition
- Line-load diagnostic feature prevents GFCI from being reset and stops power from being fed through to downstream devices. This alerts installer to a line-load reversal. NOTE: Power will still be available to GFCI receptacle face in this condition and there will be no GFCI protection at the receptacle face
- The SmartLock GFCI with lockout action is designed and patented by Leviton
- Trip threshold meets or exceeds UL requirements for tripping time
- Impact-resistant thermoplastic cover and body
- Silver-alloy contacts
- Compatible with all Decora devices: available in selected Decora colors

Combination Switch/SmartLock™ GFCI Outlet

- Ideal for kitchens, bathrooms, modular kitchen units, bathroom cabinet fixtures, lamp cabinet fixtures and applications where combination devices are used.

TESTING & CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File # 48380)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color unless indicated. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G or GY), Red (-R), Black (-E), Almond (-A).

MATERIAL CHARACTERISTICS

Flammability: Rated V2

Operating Temperature: -30°F (-35°C) to 151°F (66°C)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Hospital Grade SmartLock™ GFCI Receptacles — Back and Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8598-HG	I, W, G, R, A	5-15R
Duplex with LED Indicator Light, buttons match face color. DIN-Rail mounting with terminal wiring block. UL Recognized Component	8598-DIN	Black Only	

20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex with LED Indicator Light, buttons match face color	8898-HG	I, W, G, R, A	5-20R

Commercial Grade SmartLock™ GFCI Receptacles — Back and Side Wired

15 AMP 125V at Receptacle, 20 AMP Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8599	I, W, GY, E, A	5-15R
Duplex, No Indicator Light, Black & Red buttons. Contractor Pack	8599-CP	I, W (No Brown)	
Duplex, No Indicator Light, Black & Red buttons. With 4 1/2" leads	8599-L	I, W (No Brown)	
Duplex with LED Indicator Light, buttons match face color	8598	I, W, A	
Duplex with LED Indicator Light, Black & Red buttons. Contractor Pack	8598-CPW	White Only	

20 AMP 125V at Receptacle and Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Duplex, No Indicator Light, buttons match face color	8899	I, W, GY, E, A	5-20R
Duplex with LED Indicator Light, buttons match face color	8898	I, W, A	

Combination Switch/SmartLock™ GFCI Outlet — Side Wired

8.3 AMP 1000 WATT @ 120V AC Switch Rating, 15 AMP 125V at Receptacle, 20 AMP Feed-Through

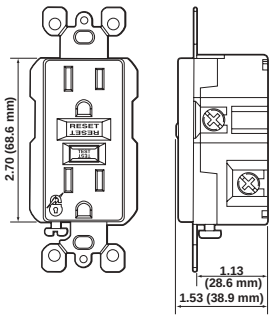
DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Single-Pole Switch and SmartLock GFCI-Protected Outlet, Black & Red buttons	8299	I, W, A	5-15R

Switch-Rated GFCI — Back and Side Wired

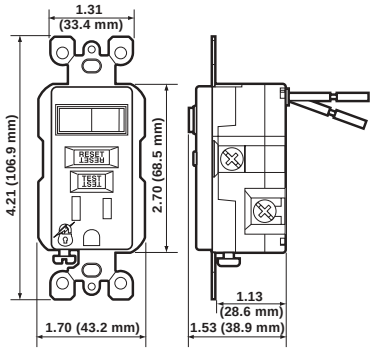
1.5 HP @ 120V AC Switch Rating, 20 AMP 125V Feed-Through

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
Blank Face, No Indicator Light, buttons match face color	8590	I, W, A

All devices are UL Listed and CSA Certified.



SmartLock GFCI RECEPTACLE Cat No. 8599



COMBINATION SWITCH/ SmartLock GFCI OUTLET Cat No. 8299

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

6594

8895-W

High Current SmartLock™ GFCI — Back and Side Wired

DESCRIPTION	CAT. NO.	COLOR* *No Brown*
High Current GFCI Contact rating at GFCI: 20A 125V, load capability with 125V control relay: 80A @ 240V max.	8895	I, W, E

Note: The 8895 is wired in conjunction with a switching contactor or relay supplied by the customer. Each 8895 and contactor combination MUST be reviewed and approved by UL. Consult Leviton, Little Neck, for a list of combinations approved to date.

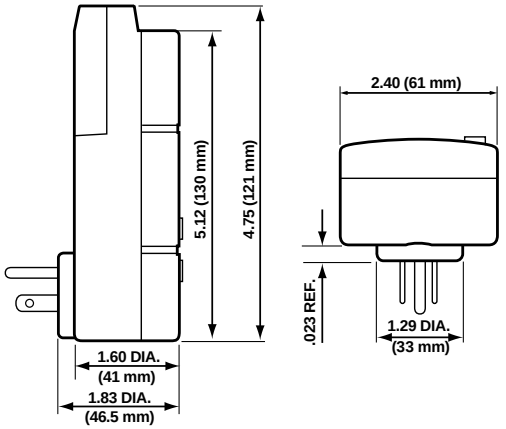
Right Angle GFCI Plug

DESCRIPTION	CAT. NO.	COLOR* *No Brown*	NEMA CONFIG.
Rated 15A-125V, Automatic Reset	6593	Gray	5-15P
Rated 15A-125V, Manual Reset	6594	Yellow	
Rated 20A-125V, Automatic Reset	6893	Gray	5-20P
Rated 20A-125V, Manual Reset	6894	Yellow	
Waterproof Cover for Right Angle GFCI Plugs with ground pin up orientation	86593	Clear	

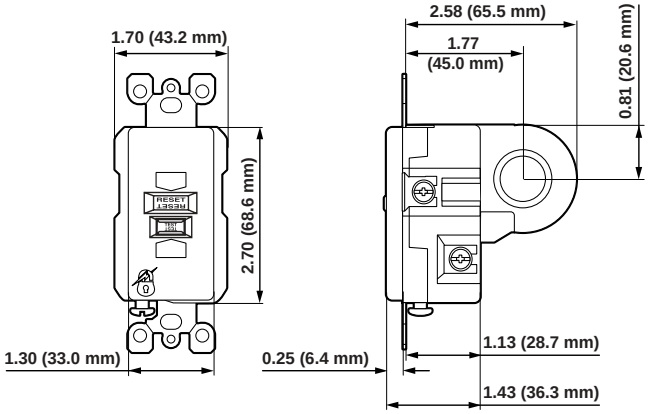
GFCI Wallbox Extender

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Shallow Wallbox extender for GFCI	6197	I, W

All devices are UL Recognized Components and CSA Certified.
Waterproof Cover and Wallbox Extender are UL Listed and CSA Certified.



RIGHT ANGLE GFCI PLUG
Cat. No. 6593



HIGH CURRENT SmartLock GFCI
Cat. No. 8895

SPECIFICATIONS & FEATURES

High Current GFCI

- Adds ground fault protection to heavy equipment powered through 3-and 4-wire circuits grounded with neutral
- Meets or exceeds UL 2003 Code Requirements for increased surge immunity, corrosion resistance, resistance to false tripping and diagnostic indication for line-load wiring reversal
- Exclusive, patented lockout-action: RESET button is blocked if GFCI protection has been compromised, eliminating the risk of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not
- Test and Reset buttons confirm proper operation
- Ideal for use with spas, heater packs, high pressure washers, industrial mixers and other equipment

Right Angle GFCI Plug

- UL 943 Class A GFCI operation with open-neutral protection
- May be pre-wired to cable of any specified length
- Wiring module accepts No. 18 (.300") thru No. 12 (.607") cord sizes
- Power indicator light goes off if GFCI trips or unit is unplugged

TESTING & CODE COMPLIANCE

- UL Standard 943 Class A (GFCI) and 498 (receptacles)
- UL Recognized Component (File #48380)
- CSA Certified (LR-57811)
- Backed by a Limited One-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote color as indicated. For other color selections, add the suffix to catalog number as follows: Ivory (-I), White (-W), Black (-E).

MATERIAL CHARACTERISTICS

Flammability: Rated V2

Operating Temperature: -30°F (-35°C) to 151°F (66°C)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Automatic Reset GFCI Cord Sets and Extension Cord — Black Body

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.
15A-125V GFCI Cord Set	66591-2C	2 feet	5-15P, 5-15R
15A-125V GFCI Cord Set	66591-6C	6 feet	
15A-125V GFCI Cord Set	66591-25C	25 feet	
15A-125V GFCI Cord Set, with Fluorescent Light	66591-WL	20 feet	
15A-125V GFCI Cord Set, Triple Outlet	66593-3	3 feet	
15A-125V Locking GFCI Cord Set	66597-3	3 feet	L5-15P, L5-15R
20A-125V GFCI Cord Set	66891-3	3 feet	5-20P, 5-20R
20A-125V Locking GFCI Cord Set	66897-3	3 feet	L5-20P, L5-20R
15A-125V GFCI Extension Cord*	26591-37C	37 feet	5-15P, No Connector
15A-240V GFCI Extension Cord*	26592-E	35 feet	6-15P, No Connector
20A-125V GFCI Extension Cord*	36591-37C	37 feet	5-20P, No Connector
20A-240V GFCI Extension Cord*	36592-E	35 feet	6-20P, No Connector

Manual Reset GFCI Cord Sets — High Visibility Yellow Body

DESCRIPTION	CAT. NO.	LENGTH	NEMA CONFIG.
15A-125V	69591-3	3 feet	5-15P, 5-15R
15A-125V	69591-25	25 feet	
Triple-tap, 15A-125V	69593-3	3 feet	
20A-125V	69891-3	3 feet	5-20P, 5-20R
15A-125V, w/Wetguard™ Plugs and Connectors	69591-W3	3 feet	5-15P, 5-15R
15A-125V, w/Wetguard™ Plugs and Connectors	69591-W25	25 feet	
20A-125V, w/Wetguard™ Plugs and Connectors★	69891-W3	3 feet	5-20P, 5-20R

*UL recognized component

All devices are UL Listed. Also CSA Certified except where indicated by★

66593-3

69591-W3

SPECIFICATIONS & FEATURES

- UL 943 Class A GFCI operation with open-neutral protection
- Automatic Reset Cord Sets (black body) will automatically reset ON when power is restored after a power interruption
- Manual Reset Cord Sets (yellow body) will not automatically reset ON when power is restored after a power interruption–Reset button must be pushed in
- Trip threshold meets or exceeds UL requirements for tripping time
- Impact-resistant thermoplastic cover and body.
- Silver alloy contacts
- Water-resistant enclosure is sealed by ultrasonic welding
- Power indicator light goes off if GFCI trips or unit is unplugged

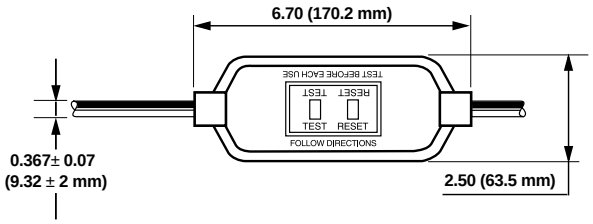
TESTING & CODE COMPLIANCE

- UL Standard 943 Class A (GFCI)
- UL Listed (File #48380)
- Backed by a Limited One-Year Warranty

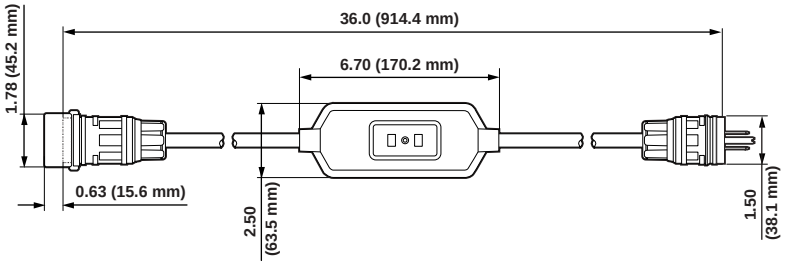
MATERIAL CHARACTERISTICS

Flammability: Rated V2

Operating Temperature: -30°F (-35°C) to 151°F (66°C)



15A AUTO GFCI CORD
Cat. No. 66591-2C



WETGUARD™ MANUAL RESET GFCI CORD
Cat. No. 69591-W3

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

5977-CL

PB101-SGF

SPECIFICATIONS & FEATURES

The Box

- For temporary use in industrial & commercial maintenance & repair stations (construction, entertainment, amusement sites, trade shows, convention halls) where portable power is needed
- Weatherproof covers prevent nuisance tripping; prevent moisture from entering contacts
- Clear port hole panel for circuit breaker viewing
- Reinforced metal housing & legs withstand abuse

Power Cords

- Flexible, abrasion-resistant construction for reliable performance to -31°F

TESTING & CODE COMPLIANCE

- Raintight covers satisfy NEC Article 410-57(b) requirements
- Raintight covers are rated NEMA 3R

The Box

- Meets OSHA Regulation 20, Part 1926, Subpart K for open-neutral GFCI & circuit overload protection
- UL Listed for outdoor use
- Backed by a Limited One-Year Warranty

Power Cords

- UL Listed (File #E-48380)

GFCI Accessories

Single Gang Flush Cover Wallplates — Gray Finish

MOUNTING POSITION & DESCRIPTION	CAT. NO.	FITS TYPE OF BOX
Vertical — Die-Cast Zinc	6196-V	Standard
Horizontal — Die-Cast Zinc	6196	Standard
Vertical — Die-Cast Zinc	6196-VFS	FS (Four Screws)
Horizontal — Die-Cast Zinc	6196-FS	FS (Four Screws)
Horizontal — Die-Cast Zinc	4990	Standard
Vertical — Die-Cast Zinc	4992	Standard
Horizontal — Plastic	4996	Standard
Vertical — Plastic	4998	Standard

Raintight While-In-Use Covers

DESCRIPTION	CAT. NO.	COLOR
GFCI, Vertical Mount	5977-GY	Gray
GFCI, Vertical Mount w/Extra Deep Cover	5977-DGY	Gray
GFCI, Vertical Mount	5977-CL	Clear
GFCI, Vertical Mount w/Extra Deep Cover	5977-DCL	Clear
GFCI, Horizontal Mount	5997-GY	Gray
GFCI, Horizontal Mount w/Extra Deep Cover	5997-DGY	Gray
GFCI, Horizontal Mount	5997-CL	Clear
GFCI, Horizontal Mount w/Extra Deep Cover	5997-DCL	Clear

GFCI Circuit Tester 15/20A 125V AC

DESCRIPTION	CAT. NO.
GFCI Circuit Tester	6185

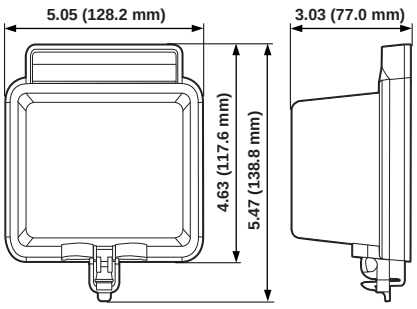
Temporary Portable Power Distribution Center/GFCI (The Box)

DESCRIPTION	CAT. NO.	INLET	OUTLET	NEMA CONFIG.
Power Distribution Box. GFCI-Protected Receptacles: (6) 20A/125V Locking, (1) 30A/250V Locking	PB101-SGF	50A, 125/250V†	50A, 125/250V†	6: L5-20R 1:L 6-30R
Power Distribution Box, GFCI-Protected Receptacles: (6) 20A/125V Straight Blade, (1) 30A/250V Locking	PB103-SGF	50A, 125/250V†	50A, 125/250V†	6: 5-20R 1: L6-30R

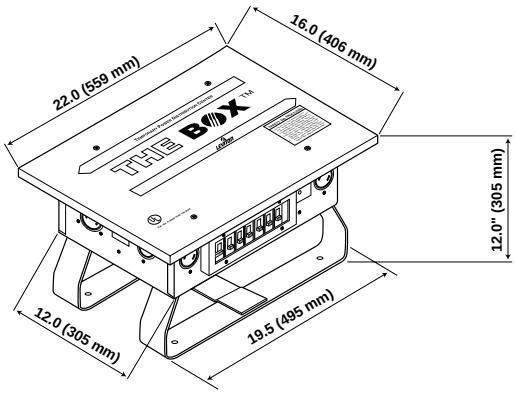
Power Cords

DESCRIPTION	CAT. NO.
50 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	KRS-A9519
100 ft. Temporary Power Cord w/Weather-Resistant 50A, 125/250 Plug & Connector	KUS-A9519

†"California Style" CS locking devices are non-NEMA
All devices are UL Listed and CSA Certified.



RAINTIGHT WHILE-IN-USE COVER
Cat. No. 5997-CL



"THE BOX" POWER DISTRIBUTION CENTER
Cat. No. PB101-SGF

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wallplates

Leviton offers a comprehensive selection of wallplates that are designed to achieve these basic functions: enhance residential home decor, blend into commercial settings and protect industrial applications. Leviton's varied array of wallplates includes such lines as screwless Decora Plus; Decora designer style; high abuse nylon; standard sizes in plastic, brass, chrome and aluminum; two grades of stainless steel; three categories of larger size wallplates in plastic or metal; and custom wallplate configurations. In addition, Leviton offers a variety of self-closing weather-resistant covers that are corrosion-, water-, and impact-resistant.

HIGH PERFORMANCE WALLPLATES

Features & Benefits ____ G1
Decora Plus ____ G2
Decora Designer Style ____ G3–G4
Decora Canadian 347V (Midway Size) ____ G5
Decora Oversized ____ G5
High-Performance Nylon ____ G6–G12
- Commercial Grade ____ G6–G9
- Hot-Stamped Nylon ____ G9–G10
- Midway Size ____ G1–G12

Metal Wallplates ____ G13–G26
- Toggle Switch ____ G13–G14
- Duplex Receptacle ____ G15
- Single Receptacle ____ G16
- Telephone or Cable Outlet
  - Box Mount ____ G17
  - Strap Mount ____ G18
- Blank Plate Box Mount ____ G18–G19
- Blank Plate Strap Mount ____ G19–G20
- Power Outlet Receptacle
  - One-Gang ____ G12, G20
  - Two-Gang ____ G20
- Locking Receptacle
  - One-Gang ____ G20
  - Two-Gang with Centered Opening ____ G21
- Louvre Plates ____ G21–G22
- Toggle Switch and Single Receptacle ____ G22
- Toggle Switch and Duplex Receptacle ____ G22
- Toggle Switch and Decora/GFCI ____ G23
- Toggle Switch and Blank, Box Mount and Strap Mount ____ G23
- Standard Combination Two-Gang ____ G24
- Standard Combination Three-Gang ____ G25
- Standard Combination Four-Gang ____ G25
- Sectional for Multi-Gang Installations ____ G25
- Horizontal Split-Plate for Terminated Cable ____ G25
- Engraved ____ G26

Voice/Data/CATV ____ G27
Larger-Size Wallplates ____ G28–G34
- Midway ____ G28–G30
- Oversized ____ G31–G34

Weather-Resistant Covers ____ G35–G38
- Raintight While-In-Use ____ G35
- Industrial Grade ____ G36
- Die-cast Zinc ____ G37
- Thermoplastic ____ G38
- Blank Box-Mount with Gasket ____ G38

Wallplate Accessories ____ G39
- Wallplate Screws ____ G39
- Mounting Screws ____ G39
- Pilot Light Jewels ____ G39
- Tamper-Resistant Spanner-Head Screws ____ G39
- Plastic Adapters ____ G39
- GFCI/Decora Wallbox Extender ____ G39
- Special Wallplates ____ G39

Custom Wallplates ____ G40–G43
- How to Fill Out Custom Order Form ____ G40–G42
- Custom Order Form ____ G43

Commercial Grade

High Performance Wallplates

LEVITON
Building a Connected World

Features and Benefits of *All* Leviton Wallplates

- UL Listed
- Noncombustible
- Easy to clean
- Conform to NEMA and ANSI Standards
- CSA Certified
- Includes metal mounting screws that match plate color
- All screws individually wrapped together in an envelope to protect plate from scratches
- For industrial, commercial and residential use
- Available in single-gang to multi-gang varieties

A Diverse Selection of Wallplates to Meet a Variety of Needs

Decora Plus

Contemporary architectural styling, snap-on design, combined with impact-resistant thermoplastic, enhances fine decor.

Cat. No. 80301-W

Decora Style

Sleek and smooth with rounded edges, they're available in a wide variety of colors and materials. Fits all GFCI receptacles and Decora devices.

Cat. No. 80401-I

High Abuse Nylon

Smooth face resists dust accumulation and stands up to cleaning solutions.

Cat. No. 80701-R

Standard Size Plastic

Developed to meet the needs of individual room/office decor.

Cat. No. 88003

Standard Size Chrome, Aluminum & Brass

Built to withstand abuse in virtually any room/office/industry.

Cat. No. 83401

Stainless Steel

Durable metal construction withstands abuse.

Cat. No. 84401-40

Midway and Jumbo

All larger-size wallplates are1/4" deep for a clean fit; extra long mounting screws accommodate greater depth and cover wall damage.

Cat. No. PJ264-I

Louvre

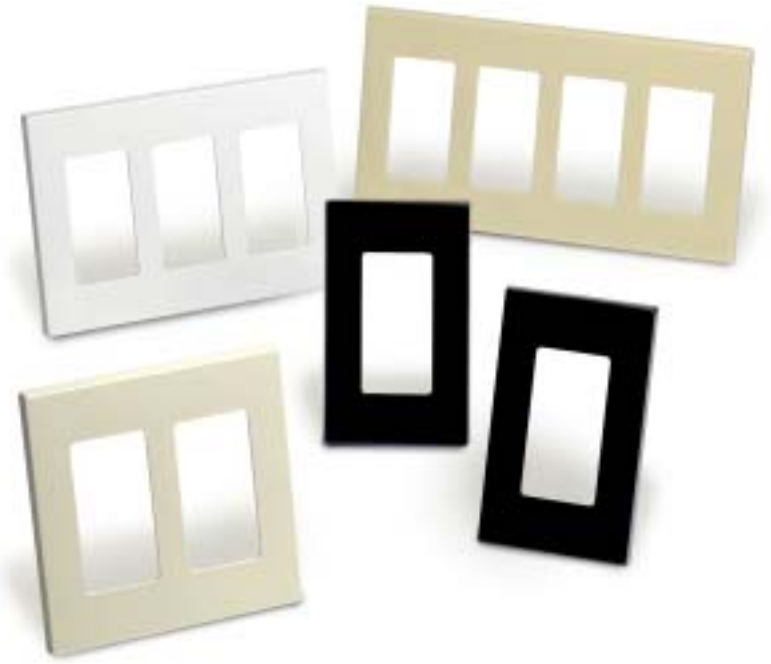
Combined with box-mounted lamphold-ers, Louvre wallplates provide soft illumina-tion for hallways, stairways, theater aisles and pathways.

Cat. No. 86080-I

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

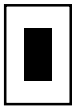
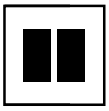
Decora Plus Wallplates Enhance Interiors in These Ways:

- Sleek, smooth contemporary architectural styling enhances fine decor
- Screwless, thermoplastic snap-on design for easy placement
- Decora-compatible two piece kit allows easy retrofit to any Decora installation
- Clear plates available for use with wallpaper to enhance decor
- UL Listed
- CSA Certified
- Meets NEMA Standards WD-1, WD-6
- Backed by a Limited 10-Year Warranty



Standard Size

Decora Plus Screwless Snap-On Wallplates

DESCRIPTION	MAHOGANY	IVORY	WHITE	ALMOND	GRAY	EBONY/BLACK
 **1-GANG**	80301	80301-I	80301-W	80301-A	80301-GY	80301-E
 **2-GANG**	80309	80309-I	80309-W	80309-A	80309-GY	80309-E
3-GANG	80311	80311-I	80311-W	80311-A	80311-GY	80311-E
4-GANG	80312	80312-I	80312-W	80312-A	80312-GY	80312-E
5-GANG	——	80321-I	80321-W	80321-A	——	——
6-GANG	——	80326-I	80326-W	80326-A	——	——

*Consult factory for availability.

All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

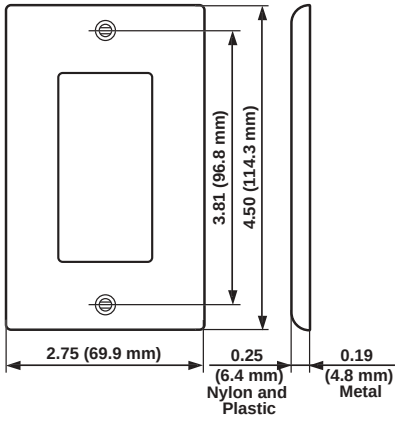
DECORA® Designer Style Wallplates

LEVITON Building a Connected World

Decora Wallplates Enhance Every Interior

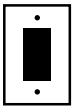
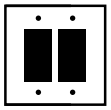
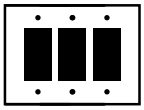
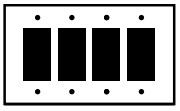
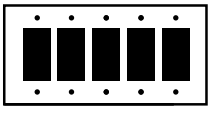
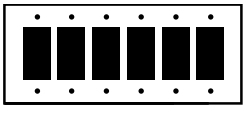
- Accent any wall covering with a wide selection of colors and materials
- Resist dust accumulation with Decora's smooth face and rounded edges
- Individual plastic wrapping to protect the surface
- Includes metal mounting screws that match plate color
- UL Listed
- CSA Certified
- Meets NEMA Standards WD-1, WD-6
- Backed by a Limited 10-Year Warranty

Single-Gang
Standard Size Decora Wallplates



Standard Size

Decora Commercial Grade Nylon Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.
 **1-GANG 1-Decora**	IVORY	80401-NI	N26-I
	BLACK	80401-NE	——
	GRAY	80401-NGY	N26-GRY
	RED	80401-NR	N26-RED
	WHITE	80401-NW	N26-W
	BROWN	80401-N	N26
	BLUE	80401-NB	N26-BU
	ALMOND	80401-NA	N26-A
 **2-GANG 2-Decora**	IVORY	80409-NI	N262-I
	BLACK	80409-NE	——
	GRAY	80409-NGY	N262-GRY
	RED	80409-NR	N262-RED
	WHITE	80409-NW	N262-W
	BROWN	80409-N	N262
	BLUE	80409-NB	N262-BU
	ALMOND	80409-NA	N262-A
 **3-GANG 3-Decora**	IVORY	80411-NI	N263-I
	GRAY	80411-NGY	N263-GRY
	WHITE	80411-NW	N263-W
	BROWN	80411-N	N263
	ALMOND	80411-NA	N263-A
 **4-GANG 4-Decora**	IVORY	80412-NI	N264-I
	WHITE	80412-NW	N264-W
	BROWN	80412-N	N264
	ALMOND	80412-NA	N264-A
 **5-GANG 5-Decora**	IVORY	80423-NI	N265-I
	WHITE	80423-NW	N265-W
	ALMOND	80423-NA	N265-A
 **6-GANG 6-Decora**	IVORY	80436-NI	N266-I
	WHITE	80436-NW	N266-W
	ALMOND	80436-NA	N266-A

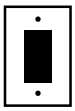
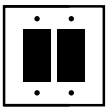
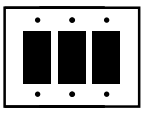
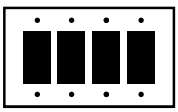
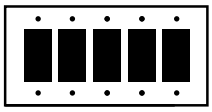
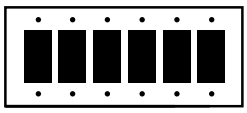
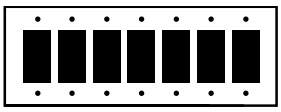
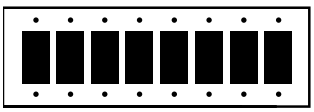
*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Decora Plastic and Metal Wallplates

		Residential Grade			Commercial Grade	
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 1-GANG 1-Decora	IVORY	80401-I	P26-I	CHROME	*	———
	BLACK	80401-E	P26-BK	ALUM	83401	A26
	GRAY	80401-GY	P26-GRY	BRASS	81401	B26
	WHITE	80401-W	P26-W	POLISHED BRASS	81401-PB	———
	BROWN	80401	P26	430 S/S	*	———
	ALMOND	80401-A	P26-A	302 S/S	84401-40	S26-N
 2-GANG 2-Decora	IVORY	80409-I	P262-I	CHROME	*	———
	BLACK	80409-E	P262-BK	ALUM	83409	A262
	GRAY	80409-GY	P262-GRY	BRASS	81409	B262
	WHITE	80409-W	P262-W	POLISHED BRASS	81409-PB	———
	BROWN	80409	P262	430 S/S	*	———
	ALMOND	80409-A	P262-A	302 S/S	84409-40	S262-N
 3-GANG 3-Decora	IVORY	80411-I	P263-I	CHROME	*	———
	BLACK	80411-E	P263-BK	ALUM	83411	A263
	GRAY	80411-GY	P263-GRY	BRASS	81411	B263
	WHITE	80411-W	P263-W	POLISHED BRASS	81411-PB	———
	BROWN	80411	P263	430 S/S	*	———
	ALMOND	80411-A	P263-A	302 S/S	84411-40	S263-N
 4-GANG 4-Decora	IVORY	80412-I	P264-I	CHROME	*	———
	BLACK	80412-E	P264-BK	BRASS	81412	B264
	GRAY	80412-GY	P264-GRY	430 S/S	*	———
	WHITE	80412-W	P264-W	302 S/S	84412-40	S264-N
	BROWN	80412	P264			
	ALMOND	80412-A	P264-A			
 5-GANG 5-Decora	IVORY	80423-I	P265-I	BRASS	81423	B265
	BLACK	80423-E	P265-BK	430 S/S	*	———
	GRAY	80423-GY	P265-GRY	302 S/S	84423-40	S265-N
	WHITE	80423-W	P265-W			
	BROWN	80423	P265			
	ALMOND	80423-A	P265-A			
 6-GANG 6-Decora	IVORY	80436-I	P266-I	BRASS	*	B266
	BLACK	80436-E	P266-BK	430 S/S	*	———
	GRAY	80436-GY	P266-GRY	302 S/S	84436-40	S266-N
	WHITE	80436-W	P266-W			
	BROWN	80436	P266			
	ALMOND	80436-A	P266-A			
 7-GANG 7-Decora	IVORY	80407-I†	S607-I	BRASS	*	B607
	WHITE	80407-W†	S607-W	430 S/S	*	———
				302 S/S	*	S607-N
 8-GANG 8-Decora	IVORY	80408-I†	S609-I	BRASS	*	B609
	WHITE	80408-W†	S609-W	430 S/S	*	———
				302 S/S	*	S609-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.

†Painted metal wallplate.

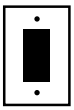
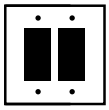
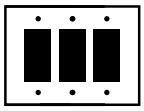
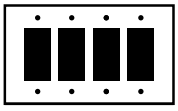
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Midway Size

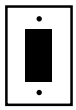
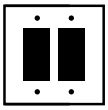
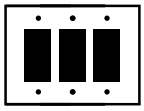
Decora Style Nylon Wallplates for Canadian 347V Decora Devices

DESCRIPTION	BLACK	IVORY	WHITE	GRAY
1-GANG 	80401-CNE	80401-CNI	80401-CNW	80401-CNG
2-GANG 	80409-CNE	80409-CNI	80409-CNW	80409-CNG
3-GANG 	80411-CNE	80411-CNI	80411-CNW	80411-CNG
4-GANG 	80412-98E	80412-CNI	80412-CNW	80412-CNG

NOTE: Canadian 347V Decora wallplates fit "Commander Type" boxes.
Decora GFCI fits all Decora style decices and GFCI receptacles

Oversized

Decora Style Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG 1-Decora 	——	——	——	430 S/S 302 S/S	* SO26	—— SO26-N
2-GANG 2-Decora 	——	——	——	430 S/S 302 S/S	* SO262	—— SO262
3-GANG 3-Decora 	——	——	——	430 S/S 302 S/S	* SO263	—— SO263

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

High Performance Nylon Wallplates

Standard Size

Commercial Grade Nylon Wallplates

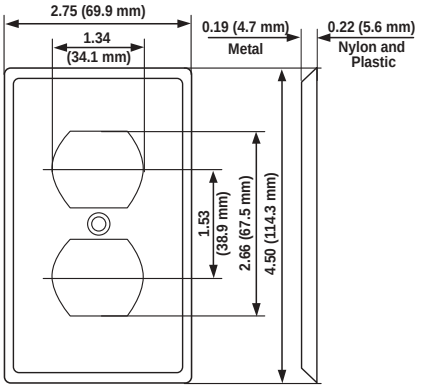
DESCRIPTION	COLOR	CAT. NO.	IND. NO.
1-GANG 1-Toggle	IVORY	80701-I	N1-I
	BLACK	80701-E	N1-BK
	GRAY	80701-GY	N1-GRY
	RED	80701-R	N1-RED
	WHITE	80701-W	N1-W
	BROWN	80701	N1
	ALMOND	80701-A	N1-A
2-GANG 2-Toggles	IVORY	80709-I	N2-I
	BLACK	80709-E	N2-BK
	GRAY	80709-GY	N2-GRY
	RED	80709-R	N2-RED
	WHITE	80709-W	N2-W
	BROWN	80709	N2
	ALMOND	80709-A	N2-A
3-GANG 3-Toggles	IVORY	80711-I	N3-I
	BLACK	80711-E	N3-BK
	GRAY	80711-GY	N3-GRY
	RED	80711-R	N3-RED
	WHITE	80711-W	N3-W
	BROWN	80711	N3
	ALMOND	80711-A	N3-A
4-GANG 4-Toggles	IVORY	80712-I	N4-I
	GRAY	80712-GY	N4-GRY
	RED	80712-R	N4-RED
	WHITE	80712-W	N4-W
	ALMOND	80712-A	N4-A
5-GANG 5-Toggles	IVORY	80723-I	N5-I
	WHITE	80723-W	N5-W
	ALMOND	80723-A	N5-A
6-GANG 6-Toggles	IVORY	80736-I	N6-I
	WHITE	80736-W	N6-W
1-GANG 1-Duplex	IVORY	80703-I	N8-I
	BLACK	80703-E	N8-BK
	GRAY	80703-GY	N8-GRY
	RED	80703-R	N8-RED
	WHITE	80703-W	N8-W
	BROWN	80703	N8
	ORANGE	80703-ORG	N8-ORG
	BLUE	80703-BU	N8-BU
	ALMOND	80703-A	N8-A
2-GANG 2-Duplex	IVORY	80716-I	N82-I
	BLACK	80716-E	N82-BK
	GRAY	80716-GY	N82-GRY
	RED	80716-R	N82-RED
	WHITE	80716-W	N82-W
	BROWN	80716	N82
	ORANGE	80716-ORG	N82-ORG
	BLUE	80716-BU	N82-BU
	ALMOND	80716-A	N82-A

All devices are UL Listed and CSA Certified.

Advantages of *All* Leviton Nylon Wallplates

- Molded nylon for maximum resistance to impact, abrasion, grease, oils, acids, moisture, fading and discoloration
- Resistant to mechanical stress associated with high abuse applications
- Includes metal mounting screws that match plate color
- Commercial grade devices backed by a Limited 10-Year Warranty

Single-Gang
Standard Size Duplex Wallplates



For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

High Performance Nylon Wallplates

LEVITON Building a Connected World

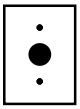
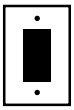
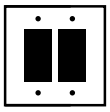
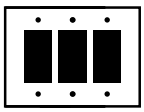
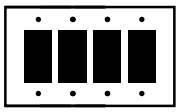
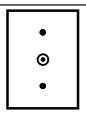
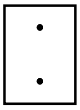
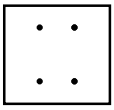
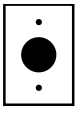
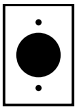
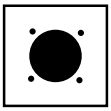
Advantages of *All* Leviton Nylon Wallplates

- Molded nylon for maximum resistance to impact, abrasion, grease, oils, acids, moisture, fading and discoloration
- Resistant to mechanical stress associated with high abuse applications
- Includes metal mounting screws that match plate color
- Commercial grade devices backed by a Limited 10-Year Warranty

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Standard Size

Commercial Grade Nylon Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.
1-GANG 1-Single 1.406" Hole 	IVORY	80704-I	N7-I
	BLACK	80704-E	N7-BK
	GRAY	80704-GY	N7-GRY
	RED	80704-R	N7-RED
	WHITE	80704-W	N7-W
	BROWN	80704	N7
	ORANGE	80704-ORG	N7-ORG
	ALMOND	80704-A	N7-A
1-GANG 1-Decora 	IVORY	80401-NI	N26-I
	BLACK	80401-NE	——
	GRAY	80401-NGY	N26-GRY
	RED	80401-NR	N26-RED
	WHITE	80401-NW	N26-W
	BROWN	80401-N	N26
	BLUE	80401-NB	N26-BU
	ALMOND	80401-NA	N26-A
2-GANG 2-Decora 	IVORY	80409-NI	N262-I
	BLACK	80409-NE	——
	GRAY	80409-NGY	N262-GRY
	RED	80409-NR	N262-RED
	WHITE	80409-NW	N262-W
	BROWN	80409-N	N262
	BLUE	80409-NB	N262-BU
	ALMOND	80409-A	N262-A
3-GANG 3-Decora 	IVORY	80411-NI	N263-I
	GRAY	80411-NGY	N263-GRY
	WHITE	80411-NW	N263-W
	ALMOND	80411-NA	——
4-GANG 4-Decora 	IVORY	80412-NI	N264-I
	WHITE	80412-NW	N264-W
	ALMOND	80412-NA	N264-A
1-GANG Phone/Cable .406" Hole, Strap Mount 	IVORY	80718-I	N12-I
	BLACK	80718-E	N12-BK
	GRAY	80718-GY	N12-GRY
	WHITE	80718-W	N12-W
	BROWN	80718	N12
1-GANG 1-Blank, Box Mount 	IVORY	80714-I	N13-I
	BLACK	80714-E	N13-BK
	GRAY	80714-GY	N13-GRY
	RED	80714-R	N13-R
	WHITE	80714-W	N13-W
	BROWN	80714	N13
	ALMOND	80714-A	N13-A
2-GANG 2-Blanks, Box Mount 	IVORY	80725-I	N24-I
	BLACK	80725-E	N24-BK
	GRAY	80725-GY	N24-GRY
	WHITE	80725-W	N24-W
	BROWN	80725	N24
	ALMOND	80725-A	N24-A
1-GANG 20 & 30 Amp Locking Receptacle 1.60" dia. Hole 	IVORY	80720-I	N726-I
	BLACK	80720-E	N726-BK
	GRAY	80720-GY	N726-GRY
	RED	80720-R	N726-R
	WHITE	80720-W	N726-W
	BROWN	80720	N726
1-GANG MIDWAY 30 & 50 Amp Power Receptacle 2.15" dia. Hole 	IVORY	80728-I	N724-I
	BLACK	80728-E	N724-BK
	GRAY	80728-GY	N724-GRY
	WHITE	80728-W	N724-W
	BROWN	80728	N724
2-GANG 30 & 50 Amp Power Receptacle 2.15" dia. Hole 	IVORY	80726-I	N703-I
	WHITE	80726-W	N703-W
	BROWN	80726	N703

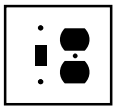
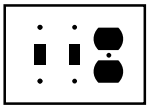
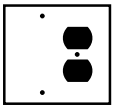
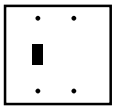
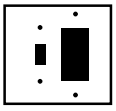
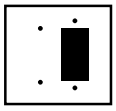
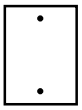
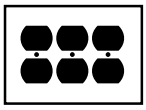
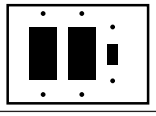
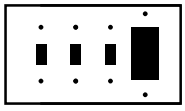
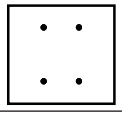
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

High Performance Nylon Wallplates

Standard Size

Commercial Grade Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
2-GANG 1-Toggle 1-Duplex		IVORY	80705-I	N18-I
		BLACK	80705-E	N18-BK
		GRAY	80705-GY	N18-GRY
		RED	80705-R	N18-RED
		WHITE	80705-W	N18-W
		BROWN	80705	N18
		ALMOND	80705-A	N18-A
3-GANG 2-Toggles 1-Duplex		IVORY	80721-I	N28-I
		BLACK	80721-E	N28-BK
		WHITE	80721-W	N28-W
2-GANG 1-Blank, Box Mount, 1-Duplex		IVORY	N138-I	N138-I
		WHITE	N138-W	N138-W
2-GANG 1-Toggle 1-Blank		IVORY	80706-I	———
		BLACK	80706-E	———
		GRAY	80706-GY	———
		RED	80706-R	———
		WHITE	80706-W	———
		BROWN	80706	———
		ALMOND	80706-A	———
2-GANG 1-Toggle 1-Decora		IVORY	80707-I	———
		BLACK	80707-E	———
		GRAY	80707-GY	———
		RED	80707-R	———
		WHITE	80707-W	———
		BROWN	80707	———
		ALMOND	80707-A	———
2-GANG 1-Blank 1-Decora		IVORY	80708-I	———
		BLACK	80708-E	———
		GRAY	80708-GY	———
		RED	80708-R	———
		WHITE	80708-W	———
		BROWN	80708	———
		ALMOND	80708-A	———
1-GANG 1-Blank Strap Mount		IVORY	80719-I	———
		BLACK	80719-E	———
		GRAY	80719-GY	———
		RED	80719-R	———
		WHITE	80719-W	———
		BROWN	80719	———
3-GANG 3-Duplex		IVORY	80730-I	———
		BLACK	80730-E	———
		GRAY	80730-GY	———
		RED	80730-R	———
		WHITE	80730-W	———
		BROWN	80730	———
		ALMOND	80730-A	———
3-GANG 1-Toggle 2-Decora		IVORY	80731-I	———
		WHITE	80731-W	———
		BLACK	80731-E	———
		GRAY	80731-GY	———
4-GANG 3-Toggle 1-Decora		IVORY	80732-I	———
		WHITE	80732-W	———
2-GANG 2-Blank Strap Mount		IVORY	80734-I	———
		BLACK	80734-E	———
		RED	80734-R	———
		WHITE	80734-W	———
		BROWN	80734	———

See page G26 for Engraved Metal Wallplates.
All devices are UL Listed and CSA Certified.

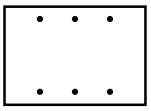
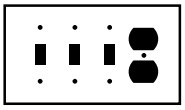
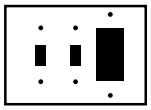
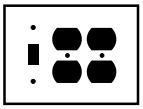
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

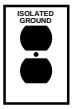
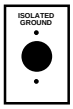
High Performance Nylon Wallplates

Standard Size

Commercial Grade Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
3-GANG **3-Blank Box Mount**		IVORY BLACK GRAY WHITE BROWN ALMOND	80735-I 80735-E 80735-GY 80735-W 80735 80735-A	——— ——— ——— ——— ——— ———
4-GANG **3-Toggle 1-Duplex**		IVORY WHITE	80743-I 80743-W	——— ———
3-GANG **2-Toggle 1-Decora**		IVORY WHITE ALMOND	80745-I 80745-W 80745-A	——— ——— ———
2-GANG **1-Duplex 1-Decora**		IVORY BLACK GRAY RED WHITE BROWN ALMOND	80746-I 80746-E 80746-GY 80746-R 80746-W 80746 80746-A	——— ——— ——— ——— ——— ———
3-GANG **1-Toggle 2-Duplex**		IVORY WHITE	80747-I 80747-W	——— ———

Hot Stamped Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
1-GANG **1-Duplex Stamped "ISOLATED GROUND"**		IVORY ORANGE WHITE	80703-IGI 80703-IG 80703-IGW	N8-IG N8-IG N8-IG
1-GANG 1.406" dia. Hole **1-Single Stamped "ISOLATED GROUND"**		ORANGE	80704-IG	N7-IG

See page G26 for Engraved Metal Wallplates.
All devices are UL Listed and CSA Certified.

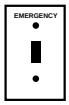
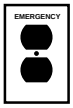
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

High Performance Nylon Wallplates

Standard Size

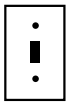
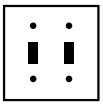
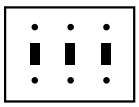
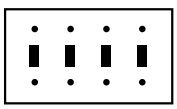
Hot Stamped Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
1-GANG 1-Decora		ORANGE stamped “ISOLATED GROUND”	80401-IG	N26-IG
		IVORY stamped “GFCI PROTECTED”	80401-GFI	——
		WHITE stamped “GFCI PROTECTED”	80401-GFW	——
		IVORY stamped “COMPUTER ONLY”	80401-COI	——
		WHITE stamped “COMPUTER ONLY”	80401-COW	——
1-GANG 1-Toggle		RED stamped “EMERGENCY”	80701-RE	N1E-RED
1-GANG 1-Duplex		RED stamped “EMERGENCY”	80703-RE	N8E-RED
		IVORY stampled “GFCI PROTECTED”	80703-GFI	——
		WHITE stamped “GFCI PROTECTED”	80703-GFW	——
		IVORY stamped “COMPUTER ONLY”	80703-COI	——
		WHITE stamped “COMPUTER ONLY”	80703-COW	——

See page G26 for Engraved Metal Wallplates.
All devices are UL Listed and CSA Certified.

Midway

Midway Size Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
1-GANG 1-Toggle		IVORY	PJ1-I	——
		BLACK	PJ1-E	——
		GRAY	PJ1-GY	——
		WHITE	PJ1-W	——
		BROWN	PJ1	——
		ALMOND	PJ1-A	——
2-GANG 2-Toggle		IVORY	PJ2-I	——
		BLACK	PJ2-E	——
		GRAY	PJ2-GY	——
		WHITE	PJ2-W	——
		BROWN	PJ2	——
		ALMOND	PJ2-A	——
3-GANG 3-Toggle		IVORY	PJ3-I	——
		BLACK	PJ3-E	——
		GRAY	PJ3-GY	——
		WHITE	PJ3-W	——
		BROWN	PJ3	——
		ALMOND	PJ3-A	——
4-GANG 4-Toggle		IVORY	PJ4-I	——
		BLACK	PJ4-E	——
		WHITE	PJ4-W	——
		ALMOND	PJ4-A	——

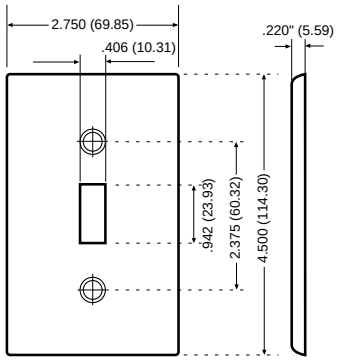
See page G26 for Engraved Metal Wallplates.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

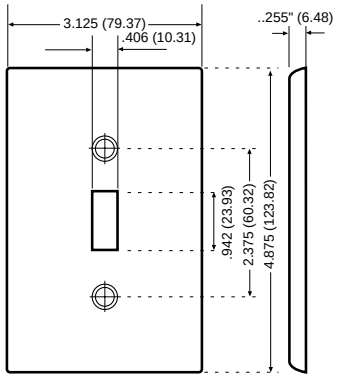
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



Midway Size



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

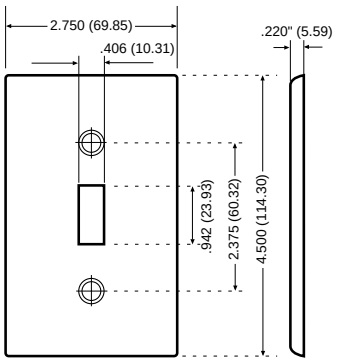
High Performance Nylon Wallplates

LEVITON Building a Connected World

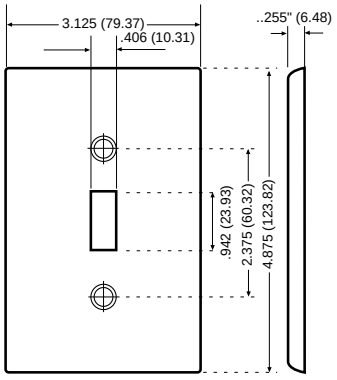
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



Midway Size



Midway

Midway Size Nylon Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.
1-GANG 1-Duplex	IVORY	PJ8-I	———
	BLACK	PJ8-E	———
	GRAY	PJ8-GY	———
	RED	PJ8-R	———
	WHITE	PJ8-W	———
	BROWN	PJ8	———
	ALMOND	PJ8-A	———
	BLUE	PJ8-BU	———
	ORANGE*	PJ8-IG	———
	RED**	PJ8-RE	———
2-GANG 2-Duplex	IVORY	PJ82-I	———
	BLACK	PJ82-E	———
	GRAY	PJ82-GY	———
	RED	PJ82-R	———
	WHITE	PJ82-W	———
	BROWN	PJ82	———
	ALMOND	PJ82-A	———
	RED**	PJ82-RE	———
1-GANG 1-Decora	IVORY	PJ26-I	———
	BLACK	PJ26-E	———
	GRAY	PJ26-GY	———
	WHITE	PJ26-W	———
	BROWN	PJ26	———
	ALMOND	PJ26-A	———
	BLUE	PJ26-BU	———
2-GANG 2-Decora	IVORY	PJ262-I	———
	BLACK	PJ262-E	———
	GRAY	PJ262-GY	———
	RED	PJ262-R	———
	WHITE	PJ262-W	———
	BROWN	PJ262	———
	ALMOND	PJ262-A	———
3-GANG 3-Decora	IVORY	PJ263-I	———
	WHITE	PJ263-W	———
	ALMOND	PJ263-A	———
	GRAY	PJ263-GY	———
4-GANG 4-Decora	IVORY	PJ264-I	———
	GRAY	PJ264-GY	———
	WHITE	PJ264-W	———
	ALMOND	PJ264-A	———
1-GANG **1-Single Receptacle 1.406" dia. Hole**	IVORY	PJ7-I	———
	RED	PJ7-R	———
	WHITE	PJ7-W	———
	BROWN	PJ7	———
	ALMOND	PJ7-A	———

*Isolated Ground
**Emergency

See page G26 for Engraved Metal Wallplates.

All devices are UL Listed and CSA Certified.

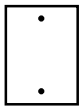
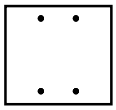
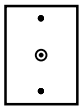
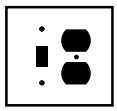
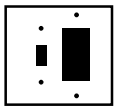
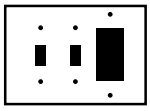
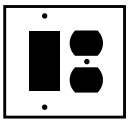
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

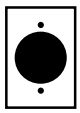
High Performance Nylon Wallplates

Midway

Midway Size Nylon Wallplates

DESCRIPTION		COLOR	CAT. NO.	IND. NO.
1-GANG **1-Blank Box Mount**		IVORY BLACK GRAY RED WHITE BROWN ALMOND	PJ13-I PJ13-E PJ13-GY PJ13-R PJ13-W PJ13 PJ13-A	—— —— —— —— —— —— ——
2-GANG **2-Blank Box Mount**		IVORY GRAY WHITE ALMOND	PJ23-I PJ23-GY PJ23-W PJ23-A	—— —— —— ——
1-GANG **1-Telephone .406" dia. Hole, Box Mount**		IVORY BLACK GRAY WHITE ALMOND	PJ11-I PJ11-E PJ11-GY PJ11-W PJ11-A	—— —— —— —— ——
2-GANG **1-Toggle, 1-Duplex**		IVORY BLACK GRAY WHITE ALMOND	PJ18-I PJ18-E PJ18-GY PJ18-W PJ18-A	—— —— —— —— ——
2-GANG **1-Toggle 1-Decora**		IVORY WHITE BROWN ALMOND	PJ126-I PJ126-W PJ126 PJ126-A	—— —— —— ——
3-GANG **2-Toggle 1-Decora**		IVORY WHITE BROWN ALMOND	PJ226-I PJ226-W PJ226 PJ226-A	—— —— —— ——
2-GANG **1-Decora 1-Duplex**		IVORY WHITE BROWN ALMOND	PJ826-I PJ826-W PJ826 PJ826-A	SPJ826-I SPJ826-W —— ——

*Midway Size Nylon Wallplates — **Power Receptacle***

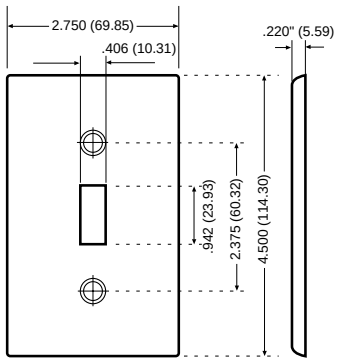
1-GANG **2.465" dia. Hole, Power Receptacle** **30 & 50 Amp**		IVORY WHITE BLACK	80532-I 80532-W 80532-E	—— —— ——

See page G26 for Engraved Metal Wallplates.
All devices are UL Listed and CSA Certified.

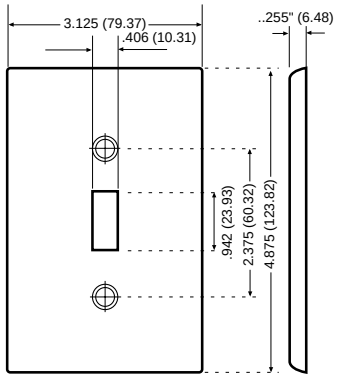
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



Midway Size



For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A, and Decora Home Controls, Section B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Features and Benefits of *All* Leviton Plastic Wallplates

- Molded of urea or phenolic
- Photoelectrically color-matched to Leviton devices
- Designed for high dielectric strength and arc resistance
- Meet or surpass UL 514 testing requirements
- Resistant to fading, discoloration, grease, oils, organic solvents and moisture scratches
- Includes metal mounting screws that match plate color

Advantages of *All* Leviton Satin-Finish Metal Wallplates

- Round on edges to prevent injury and wall damage
- Resistant to corrosive effects of sunlight and moisture
- Deluxe stainless steel is non-magnetic Type 302, .032" thick
- Standard Stainless Steel is Type 430, .032" thick
- Brass is 70/30 alloy 260, .042" thick
- Aluminum is 3004 alloy, .040" thick
- Includes metal mounting screws that match plate color

Standard Size

Toggle Switch

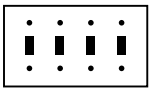
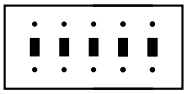
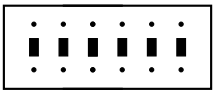
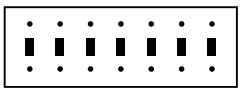
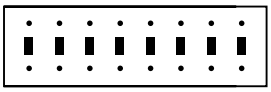
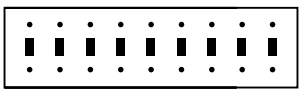
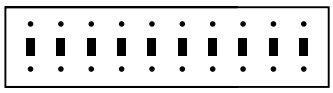
DESCRIPTION		Residential Grade COLOR	CAT. NO.	IND. NO.	Commercial Grade METAL	CAT. NO.	IND. NO.
1-GANG	1-Toggle	IVORY	86001	P1-I	CHROME	1901	C1
		GRAY	87001	P1-GY	ALUM	83001	A1
		WHITE	88001	P1-W	BRASS	81001	B1
		BROWN	85001	P1	POLISHED BRASS	81001-PB	——
		ALMOND	82001	P1-A	430 S/S	84001	S1
					302 S/S	84001-40	SN-1
2-GANG	2-Toggles	IVORY	86009	P2-I	CHROME	1909	——
		GRAY	87009	P2-GY	ALUM	83009	A2
		WHITE	88009	P2-W	BRASS	81009	B2
		BROWN	85009	P2	POLISHED BRASS	81009-PB	——
		ALMOND	82009	P2-A	430 S/S	84009	S2
					302 S/S	84009-40	S2-N
3-GANG	3-Toggles	IVORY	86011	P3-I	CHROME	*	——
		GRAY	87011	P3-GY	ALUM	83011	A3
		WHITE	88011	P3-W	BRASS	81011	B3
		BROWN	85011	P3	POLISHED BRASS	81011-PB	——
		ALMOND	82011	P3-A	430 S/S	84011	S3
					302 S/S	84011-40	S3-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Toggle Switch

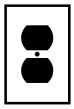
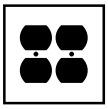
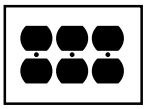
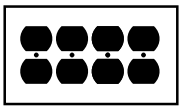
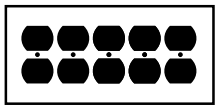
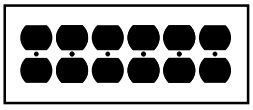
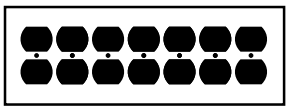
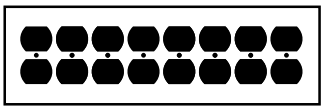
DESCRIPTION	Residential Grade COLOR	CAT. NO.	IND. NO.	Commercial Grade METAL	CAT. NO.	IND. NO.
 **4-GANG 4-Toggles**	IVORY	86012	P4-I	CHROME	*	———
	GRAY	87012	P4-GY	ALUM	83012	A4
	WHITE	88012	P4-W	BRASS	81012	B4
	BROWN	85012	P4	POLISHED BRASS	81012-PB	———
	ALMOND	82012	P4-A	430 S/S	84012	S4
				302 S/S	84012-40	S4-N
 **5-GANG 5-Toggles**	IVORY	86023	P5-1	CHROME	*	———
	WHITE	88023	P5-W	ALUM	*	A5
	BROWN	85023	P5	BRASS	81023	B5
	ALMOND	82023	P5-A	POLISHED BRASS	81023-PB	———
				430 S/S	*	S5
				302 S/S	84023-40	S5-N
 **6-GANG 6-Toggles**	IVORY	86036	P6-I	CHROME	*	———
	WHITE	88036	P6-W	ALUM	*	A6
	BROWN	85036	P6	BRASS	81036	B6
	ALMOND	82036	P6-A	430 S/S	*	S6
				302 S/S	84036-40	S6-N
 **7-GANG 7-Toggles**	IVORY	S601-I†	S601-I	CHROME	*	———
	WHITE	S601-W†	S601-W	BRASS	*	B601
				430 S/S	*	———
				302 S/S	84070-40	S601-N
 **8-GANG 8-Toggles**	IVORY	S602-I†	S602-I	CHROME	*	———
	WHITE	S602-W†	S602-W	BRASS	*	B602
				430 S/S	*	———
				302 S/S	84048-40	S602-N
 **9-GANG 9-Toggles**	IVORY	S603-I†	S603-I	CHROME	*	———
	WHITE	S603-W†	S603-W	BRASS	*	B603
				430 S/S	*	———
				302 S/S	84049-40	S603-N
 **10-GANG 10-Toggles**	IVORY	S604-I†	S604-I	CHROME	*	———
	WHITE	S604-W†	S604-W	BRASS	*	B604
				302 S/S	84050-40	S604-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
†Painted metal wallplate.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Duplex Receptacle

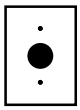
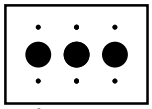
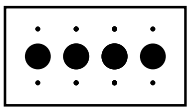
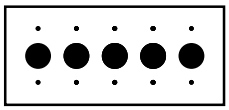
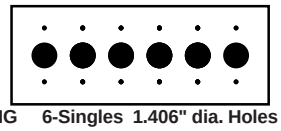
DESCRIPTION		Residential Grade COLOR	CAT. NO.	IND. NO.	Commercial Grade METAL	CAT. NO.	IND. NO.
1-GANG 1-Duplex		IVORY GRAY WHITE BROWN ALMOND	86003 87003 88003 85003 82003	P8-I P8-GY P8-W P8 P8-A	CHROME ALUM BRASS POLISHED BRASS 430 S/S 302 S/S	1903 83003 81003 81003-PB 84003 84003-40	C8 A8 B8 —— S8 S8-N
2-GANG 2-Duplex		IVORY GRAY WHITE BROWN ALMOND	86016 87016 88016 85016 82016	P82-I —— P82-W P82 P82-A	CHROME ALUM BRASS POLISHED BRASS 430 S/S 302 S/S	* 83016 81016 81016-PB 84016 84016-40	C82 A82 B82 —— S82 S82-N
3-GANG 3-Duplex		IVORY GRAY WHITE BROWN	86030 87030 88030 85030	P83-I —— P83-W P83	CHROME ALUM BRASS 430 S/S 302 S/S	* * * * 84030-40	—— —— —— S83 S83-N
4-GANG 4-Duplex		IVORY WHITE BROWN	86041 88041 85041	P84-I P84-W P84	CHROME ALUM BRASS 430 S/S 302 S/S	* * * 84041 *	—— —— —— S84 S84-N
5-GANG 5-Duplex		——	——	——	CHROME BRASS 302 S/S	* * 84055-40	—— B85 S85-N
6-GANG 6-Duplex		——	——	——	CHROME BRASS 302 S/S	* * 84056-40	—— B86 S86-N
7-GANG 7-Duplex		——	——	——	CHROME BRASS 430 S/S 302 S/S	* * * *	—— B608 S608 ——
8-GANG 8-Duplex		——	——	——	CHROME BRASS 430 S/S 302 S/S	* * * *	—— B6082 S6082 ——

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Single Receptacle, 15 and 20 AMP
Straight Blade and 15 AMP Locking

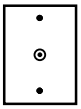
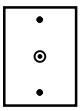
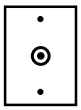
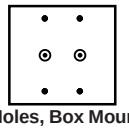
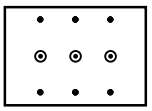
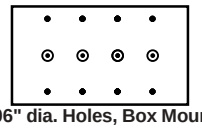
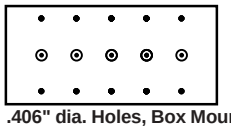
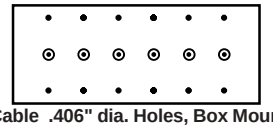
DESCRIPTION	COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **1-GANG** **1-Single 1.406" dia. Hole**	IVORY	86004	P7-I	CHROME	*	———
	GRAY	87004	P7-GY	ALUM	83004	A7
	WHITE	88004	P7-W	BRASS	81004	B7
	BROWN	85004	P7	430 S/S	84004	S7
	ALMOND	82004	P7-A	302 S/S	84004-40	S7-N
2-GANG **2-Singles 1.406" dia. Holes**	IVORY	86052	P72-I	CHROME	*	———
	WHITE	88052	P72-W	ALUM	*	———
	BROWN	85052	P72	BRASS	*	———
				430 S/S	*	S72
				302 S/S	84052-40	S72-N
 **3-GANG** **3-Singles 1.406" dia. Holes**	———	———	———	BRASS	*	———
				430 S/S	*	S73
				302 S/S	S73-N	S73-N
 **4-GANG** **4-Singles 1.406" dia. Holes**	———	———	———	BRASS	*	———
				430 S/S	*	S74
				302 S/S	*	S74-N
 **5-GANG** **5-Singles 1.406" dia. Holes**	———	———	———	BRASS	*	———
				430 S/S	*	S75
				302 S/S	*	S75-N
 **6-GANG** **6-Singles 1.406" dia. Holes**	———	———	———	BRASS	*	———
				430 S/S	*	S76
				302 S/S	*	S76-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Telephone or Cable Outlet — ***Box Mount*** **Residential Grade** **Commercial Grade**

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **1-GANG Phone/Cable .312" dia. Hole, Box Mount**	——	——	——	ALUM BRASS 430 S/S 302 S/S	83013 81013 84013 84013-40	A738 B738 S738 S738-N
 **1-GANG Phone/Cable .406" dia. Hole, Box Mount**	IVORY WHITE BROWN ALMOND	86013 88013 85013 82013	P11-I P11-W P11 P11-A	ALUM BRASS 430 S/S 302 S/S	* * * 84061-40	——— ——— ——— S11-N
 **1-GANG Phone/Cable .625" dia. Hole, Box Mount**	IVORY WHITE BROWN	86017 88017 85017	P737-I P737-W P737	ALUM BRASS 430 S/S 302 S/S	* 81017 * 84017-40	A737 B737 S737 S737-N
 **2-GANG Phone/Cable .406" dia. Holes, Box Mount**	IVORY WHITE BROWN	86062 88062 85062	P21-I P21-W P21	BRASS 430 S/S 302 S/S	* * 84062-40	——— ——— S21-N
 **3-GANG Phone/Cable .406" dia. Holes, Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	——— ——— S31-N
 **4-GANG Phone/Cable .406" dia. Holes, Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	——— ——— S41-N
 **5-GANG Phone/Cable .406" dia. Holes, Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	——— ——— S51-N
 **6-GANG Phone/Cable .406" dia. Holes, Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	——— ——— S61-N

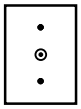
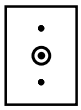
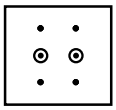
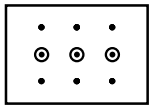
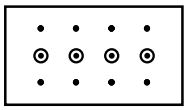
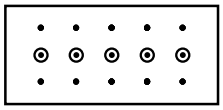
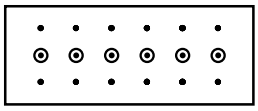
*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

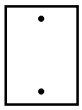
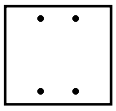
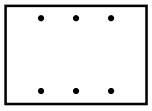
Standard Size

Telephone or Cable Outlet — ***Strap Mount***

Residential Grade | **Commercial Grade**

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **1-GANG Phone/Cable .406" dia. Hole, Strap Mount with knockout to enlarge hole to .625"**	IVORY GRAY WHITE BROWN	86018 87018 88018 85018	P12-I P12-GY P12-W P12	ALUM BRASS 430 S/S 302 S/S	* * * 84018-40	—— —— S12 S12-N
 **1-GANG Phone/Cable .625" dia. Hole, Strap Mount**	IVORY WHITE BROWN	86037 88037 85037	P730-I P730-W P730	BRASS 430 S/S 302 S/S	* * 84037-40	—— —— S730-N
 **2-GANG Phone/Cable .406" dia. Holes, Strap Mount**	IVORY	P22-I†	P22-I	BRASS 430 S/S 302 S/S	* * *	—— —— S22-N
 **3-GANG Phone/Cable .406" dia. Holes, Strap Mount**	IVORY	P32-I†	P32-I	BRASS 430 S/S 302 S/S	* * *	—— —— S32-N
 **4-GANG Phone/Cable .406" dia. Holes, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— S42-N
 **5-GANG Phone/Cable .406" dia. Holes, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— S52-N
 **6-GANG Phone/Cable .406" dia. Holes, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— S62-N

Blank Plate — ***Box Mount***

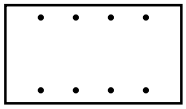
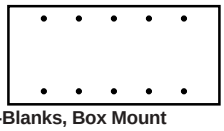
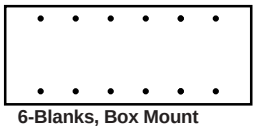
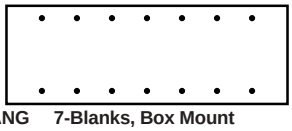
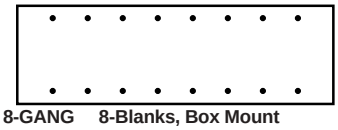
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **1-GANG 1-Blank, Box Mount**	IVORY GRAY WHITE BROWN ALMOND	86014 87014 88014 85014 82014	P13-I P13-GY P13-W P13 P13-A	CHROME ALUM BRASS 430 S/S 302 S/S	* 83014 81014 84014 84014-40	—— A13 B13 S13 S13-N
 **2-GANG 2-Blanks, Box Mount**	IVORY GRAY WHITE BROWN ALMOND	86025 87025 88025 85025 82025	P23-I P23-GY P23-W P23 P23-A	ALUM BRASS 430 S/S 302 S/S	* 81025 84025 84025-40	—— B23 S23 S23-N
 **3-GANG 3-Blanks, Box Mount**	IVORY WHITE BROWN	86033 88033 85033	P33-I P33-W P33	ALUM BRASS 430 S/S 302 S/S	* * * 84033-40	—— —— —— S33-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
†Painted metal wallplate.
All devices are UL Listed and CSA Certified.

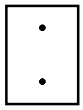
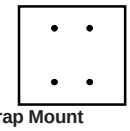
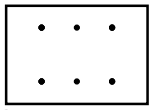
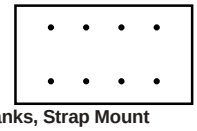
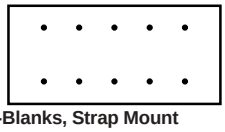
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

*Blank Plate — **Box Mount***

DESCRIPTION	Residential Grade COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	Commercial Grade METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **4-GANG** 4-Blanks, Box Mount	IVORY WHITE BROWN	86064 88064 85064	P43-I P43-W P43	ALUM BRASS 430 S/S 302 S/S	* * 84064 84064-40	—— —— S43 S43-N
 **5-GANG** 5-Blanks, Box Mount	——	——	——	BRASS 302 S/S	* 84065-40	—— S53-N
 **6-GANG** 6-Blanks, Box Mount	——	——	——	BRASS 302 S/S	* 84066-40	—— S63-N
 **7-GANG** 7-Blanks, Box Mount	——	——	——	BRASS 302 S/S	* 84067-40	—— S6013-N
 **8-GANG** 8-Blanks, Box Mount	——	——	——	BRASS 302 S/S	* 84068-40	—— S6023-N

*Blank Plate — **Strap Mount***

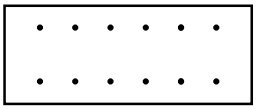
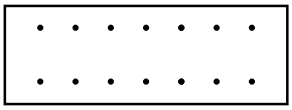
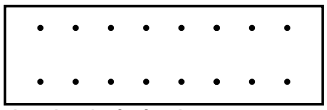
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **1-GANG** 1-Blank, Strap Mount	IVORY WHITE BROWN	86019 88019 85019	P14-I P14-W P14	ALUM BRASS 430 S/S 302 S/S	* * 84019 84019-40	—— —— S14 S14-N
 **2-GANG** 2-Blanks, Strap Mount	IVORY WHITE BROWN	86034 88034 85034	P24-I P24-W P24	ALUM BRASS 430 S/S 302 S/S	* * * 84034-40	—— —— —— S24-N
 **3-GANG** 3-Blanks, Strap Mount	IVORY WHITE BROWN	86035 88035 85035	P34-I P34-W P34	BRASS 430 S/S 302 S/S	* * 84035-40	—— —— S34-N
 **4-GANG** 4-Blanks, Strap Mount	IVORY WHITE BROWN	86057 88057 85057	P44-I P44-W P44	BRASS 430 S/S 302 S/S	* * 84057-40	—— —— S44-N
 **5-GANG** 5-Blanks, Strap Mount	——	——	——	BRASS 430 S/S 302 S/S	* * S54-N	—— —— S54-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

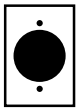
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

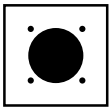
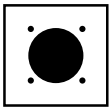
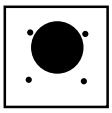
Blank Plate — ***Strap Mount***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	Residential Grade METAL	Residential Grade CAT. NO.	Residential Grade IND. NO.	Commercial Grade METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **6-GANG 6-Blanks, Strap Mount**	——	——	——				BRASS 430 S/S 302 S/S	* * *	—— —— S64-N
 **7-GANG 7-Blanks, Strap Mount**	——	——	——				BRASS 430 S/S 302 S/S	* * *	—— —— S6014-N
 **8-GANG 8-Blanks, Strap Mount**	——	——	——				BRASS 430 S/S 302 S/S	* * *	—— —— S6024-N

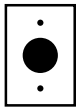
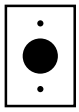
Power Outlet Receptacle — ***One Gang*** — ***Mounting***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG Power Outlet 2.15" dia. Hole Midway Use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374 	IVORY BLACK WHITE	80528-I 80528-BLK 80528-W	P724-I P724-BK	ALUM STEEL, BRASS FIN. STEEL, ALUM FIN. 430 S/S	83028 4928 4927 84028	A724 B724 S724-GY S724

Power Outlet Receptacle — ***Two Gang*** — ***Mounting***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
2-GANG Power Outlet 2.15" dia. Hole Midway Use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374 	IVORY BLACK WHITE	80526-I 80526-BLK 80526-W	PJ703-I PJ703-BK PJ703-W	BRASS ALUM STEEL, ALUM FIN. 430 S/S	* 83026 4934 84026	B703 A703 S703-GY S703
2-GANG Power Outlet 2.465" dia. Hole 	IVORY BLACK WHITE ALMOND	80530-I 80530-BLK 80530-W 80530-A		STEEL, ALUM FIN. 430 S/S 302 S/S	S701-GY * S701-40	S701-GY S701
2-GANG Power Outlet 2.15" dia. Hole Offset 	——	——	——	430 S/S	84022	S705

Locking Receptacle — ***One Gang***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG 20A & 30A Locking 1.60" dia. Hole 	——	——	——	BRASS 430 S/S 302 S/S	* * 84020-40	—— —— S720-N
1-GANG for Key Lock Power Switch 0.880" dia. Hole. Includes Tamper-Resistant Screws and Screwdriver 	——	——	——	302 S/S	84071-40	——

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

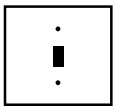
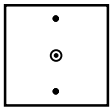
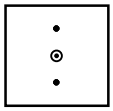
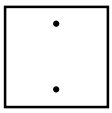
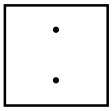
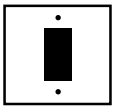
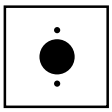
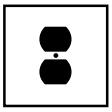
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size
Plastic and Metal Wallplates

LEVITON Building a Connected World

Standard Size

Two Gang with Centered Opening

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **2-GANG** **1-Toggle, Centered Opening**	——	——	——	BRASS 430 S/S 302 S/S	81040 —— 84040-40	—— —— S740-N
 **2-GANG** **1-Phone/Cable** **.406" Hole Centered, Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG** **1-Phone/Cable** **.406" Hole Centered, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG** **Blank, Centered Box Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG** **Blank, Centered Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG** **1-Decora, Centered Opening**	——	——	——	BRASS 430 S/S 302 S/S	* * S746-N	—— —— S746-N
 **2-GANG** **1-Single Outlet 1.406" dia. Hole**	——	——	——	BRASS 430 S/S 302 S/S	* * 84092-40	—— —— S747-N
 **2-GANG** **1-Duplex, Centered Opening**	——	——	——	302 S/S	84039-40	S748-N

Louvre Plates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG CENTER **1-Louvre Plate, Horizontal Box Mount**	IVORY BLACK GRAY RED WHITE BROWN ALMOND	86079† * * * 88079† * *	P760-I —— —— —— P760-W —— ——	BRASS 430 S/S 302 S/S	81079 * 84079-40	B760 —— S760-N
1-GANG **1-Louvre Plate, Strap Mount**	IVORY BLACK GRAY RED WHITE BROWN ALMOND	86080† * * * 88080† * *	P771-I —— —— * P771-W —— P771-A	BRASS 430 S/S 302 S/S	81080 * 84080-40	B771 —— S711-N

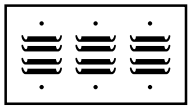
*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery. †Painted metal wallplate.
All devices are UL Listed and CSA Certified.

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

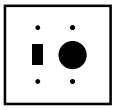
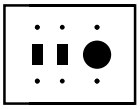
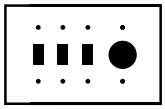
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

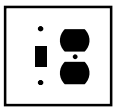
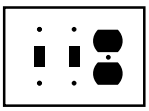
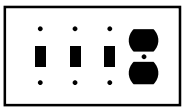
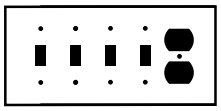
Louvre Plates

DESCRIPTION	COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
2-GANG **2-Louvre Plate, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * 84081-40	—— —— S772-N
 **3-GANG** **3-Louvre Plate, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * *	—— —— ——

Toggle Switch and Single Receptacle

DESCRIPTION	COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **2-GANG** **1-Toggle 1-Single 1.406" dia. Hole**	IVORY WHITE BROWN	86007 88007 85007	P17-I P17-W P17	ALUM BRASS 430 S/S 302 S/S	* * 84007 84007-40	—— —— S17 S17-N
 **3-GANG** **2-Toggle 1-Single 1.406" dia. Hole**	——	——	——	ALUM BRASS 430 S/S 302 S/S	* * * 84088-40	—— —— —— S27-N
 **4-GANG** **3-Toggles 1-Single 1.406" dia. Hole**	——	——	——	ALUM BRASS 430 S/S 302 S/S	* * * 84042-40	—— —— —— S37-N

Toggle Switch and Duplex Receptacle

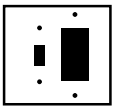
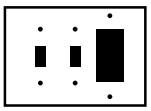
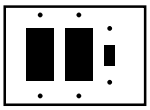
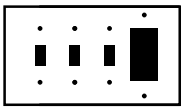
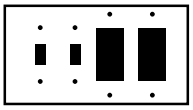
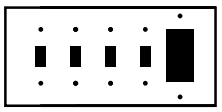
DESCRIPTION	COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **2-GANG** **1-Toggle 1-Duplex**	IVORY GRAY BROWN WHITE ALMOND	86005 87005 85005 88005 82005	P18-I P18-GY P18 P18-W P18-A	ALUM BRASS 430 S/S 302 S/S	83005 81005 84005 84005-40	A18 B18 S18 S18-N
 **3-GANG** **2-Toggles 1-Duplex**	IVORY GRAY BROWN WHITE ALMOND	86021 87021 85021 88021 82021	P28-I P28-GY P28 P28-W P28-A	ALUM BRASS 430 S/S 302 S/S	* 81021 * 84021-40	—— B28 —— S28-N
 **4-GANG** **3-Toggles 1-Duplex**	IVORY WHITE BROWN ALMOND	P38-I P38-W P38 P38-A	P38-I P38-W1 P38 P38-A	ALUM BRASS 430 S/S 302 S/S	* * 84043 *	—— —— S38 ——
 **5-GANG** **4-Toggles 1-Duplex**	IVORY WHITE	P48-I P48-W	P48-I P48-W	BRASS 430 S/S 302 S/S	* * S48-N	—— —— S48-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

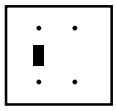
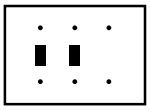
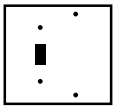
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Toggle Switch and Decora/GFCI

DESCRIPTION	Residential Grade COLOR	CAT. NO.	IND. NO.	Commercial Grade METAL	CAT. NO.	IND. NO.
 **2-GANG 1-Toggle 1-Decora/GFCI**	IVORY BLACK GRAY WHITE BROWN ALMOND	80405-I 80405-E 80405-GY 80405-W 80405 80405-A	P126-I P126-BK P126-GRY P126-W P126 P126-A	BRASS 430 S/S 302 S/S	* S126 *	—— S126 ——
 **3-GANG 2-Toggles 1-Decora/GFCI**	IVORY BLACK WHITE BROWN ALMOND	80421-I 80421-E 80421-W 80421 80421-A	P226-I P226-BK P226-W P226 P226-A	BRASS 430 S/S 302 S/S	* * 84421-40	—— —— S226-N
 **3-GANG 2-Decora/GFCI 1-Toggle**	IVORY GRAY WHITE BROWN ALMOND	80431-I 80431-GY 80431-W 80431 80431-A	P1262-I P1262-GRY P1262-W P1262 P1262-A	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **4-GANG 3-Toggles 1-Decora/GFCI**	IVORY WHITE BROWN ALMOND	P326-I P326-W P326 P326-A	P326-I P326-W P326 P326-A	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **4-GANG 2-Toggles 2-Decora/GFCI**	IVORY WHITE	P2262-I† P2262-W†	P2262-I P2262-W	BRASS 430 S/S 302 S/S	* * *	—— * ——
 **5-GANG 4-Toggles 1-Decora/GFCI**	——	——	——	BRASS 430 S/S 302 S/S	* * S426-N	—— —— S426-N

*Toggle Switch and Blank — **Box Mount and Strap Mount***

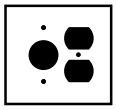
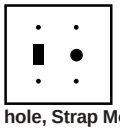
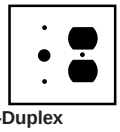
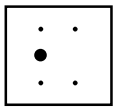
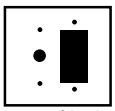
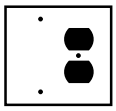
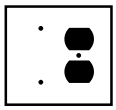
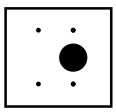
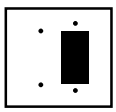
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
 **2-GANG 1-Toggle 1-Blank, Strap Mount**	——	——	——	ALUM BRASS 430 S/S 302 S/S	* * * 84077-40	—— —— —— S114-N
 **3-GANG 2-Toggles 1-Blank, Strap Mount**	——	——	——	BRASS 430 S/S 302 S/S	* * S214-N	—— —— S214-N
 **2-GANG 1-Toggle 1-Blank, Box Mount**	IVORY WHITE GRAY BROWN	86006 88006 87006 85006	P113-I P113-W P113-GY P113	BRASS 430 S/S 302 S/S	* * 84006-40	—— —— S113-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
†Painted metal wallplate.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Standard Combination — ***Two Gang***

DESCRIPTION	Residential Grade COLOR	Residential Grade CAT. NO.	Residential Grade IND. NO.	Commercial Grade METAL	Commercial Grade CAT. NO.	Commercial Grade IND. NO.
 **2-GANG 1-Single 1.406" dia. hole 1-Duplex**	IVORY WHITE	86046† 88046†	P78-I P78-W	ALUM BRASS 430 S/S 302 S/S	* * * 84046-40	—— —— —— S78-N
2-GANG 1-Duplex 1-Decora/GFCI	IVORY WHITE BROWN ALMOND	80455-I 80455-W 80455 80455-A	P826-I P826-W P826	ALUM BRASS 430 S/S 302 S/S	* * * 84455-40	—— —— —— S826-N
 **2-GANG 1-Toggle 1-Phone/Cable .406" dia. hole, Strap Mount**	IVORY WHITE	86077 88077	P112-I P112-W	BRASS 430 S/S 302 S/S	* * S112-N	—— —— S112-N
 **2-GANG 1-Phone/Cable .406" dia. hole, Strap Mount 1-Duplex**	IVORY WHITE	86078 88078	P128-I P128-W	BRASS 430 S/S 302 S/S	* * 84078-40	—— —— S128-N
 **2-GANG 1-Phone/Cable .406" dia. hole 1-Blank, Strap Mount**	—— ——	—— ——	—— ——	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG 1-Phone/Cable .406" dia. hole, Strap Mount 1-Decora/GFCI**	IVORY WHITE	80479-I 80479-W	P1226-I P1226-W	BRASS 430 S/S 302 S/S	* * *	—— —— ——
 **2-GANG 1-Blank, Box Mount 1-Duplex**	IVORY WHITE BROWN	86008 88008 85008	P138-I P138-W P138	BRASS 430 S/S 302 S/S	* * 84008-40	—— —— S138-N
 **2-GANG 1-Blank, Strap Mount 1-Duplex**	IVORY WHITE	86087† 88087†	P148-I P148-W	BRASS 430 S/S 302 S/S	* * 84087-40	—— —— S148-N
 **2-GANG 1-Blank, Strap Mount 1-Single 1.406"dia. Hole**	IVORY WHITE	86085† 88085†	P147-I P147-W	ALUM BRASS 430 S/S 302 S/S	* * * 84085-40	—— —— —— S147-N
 **2-GANG 1-Blank, Strap Mount 1-Decora**	IVORY WHITE	P1426-I† P1426-W†	P1426-I P1426-W	BRASS 430 S/S 302 S/S	* * S1426-N	—— —— S1426-N

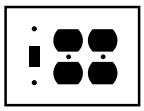
*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
†Painted Metal Wallplates
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

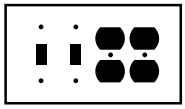
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

*Standard Combination — **Three Gang***

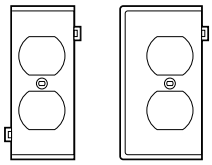
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
3-GANG 1-Toggle 2-Duplex 	IVORY	86047	P182-I	BRASS	*	——
	WHITE	88047	P182-W	430 S/S	*	——
	BROWN	85047	P182	302 S/S	84047-40	S182-N

*Standard Combination — **Four Gang***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
4-GANG 2-Toggles 2-Duplex 	——	——	——	ALUM	*	——
				BRASS	81045	B282
				430 S/S	*	——
				302 S/S	84045-40	S282-N

Sectional Wallplates for Multi-Gang Installations — **Thermoplastic Construction***

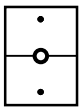
Center **End**



Duplex Receptacle

DESCRIPTION	COLOR	CENTER PANELS	END PANELS
Duplex Receptacle	WHITE	PSC 8-W	PSE 8-W
	IVORY	PSC 8-I	PSE 8-I
Toggle Switch	WHITE	PSC 1-W	PSE 1-W
	IVORY	PSC 1-I	PSE 1-I
Single Receptacle 1.406" dia. hole	WHITE	PSC 7-W	PSE 7-W
	IVORY	PSC 7-I	PSE 7-I
Blank, Strap-Mount	WHITE	PSC 14	PSE 14-W
	IVORY	PSC 14-I	PSE 14-I
Decora	WHITE	PSC 26-W	PSE 26-W
	IVORY	PSC 26-I	PSE 26-I

*Horizontal Split Plate — **For Terminated Cable***

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
Horizontal Split Plate for Terminated Cable 1-Gang .625" dia. Hole w/Grommet .406" inner dia. 	IVORY	N751-I	N751-I	BRASS	*	——
	WHITE	N751-W	N751-W	430 S/S	*	——
				302 S/S	S751-N	S751-N

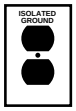
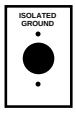
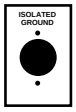
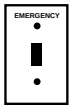
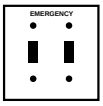
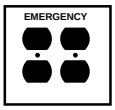
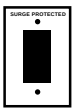
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

*Outer dimensions of wallplates created from two or more sectional panels will be the same as standard multi-gang plates.
*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Size

Engraved Wallplates

DESCRIPTION	METAL	CAT. NO.	IND. NO.
 **1-GANG 1-Duplex Engraved "ISOLATED GROUND"**	ALUM BRASS 430 S/S 302 S/S	* * * 84003-IG	—— —— —— S8-IG
 **1-GANG 1-Single 1.406" Hole Engraved "ISOLATED GROUND"**	ALUM BRASS 430 S/S 302 S/S	* * * *	—— —— —— ——
 **1-GANG 1-Single Engraved "ISOLATED GROUND" 1.60"dia. Hole For use with 20A & 30A single locking receptacles**	ALUM BRASS 430 S/S 302 S/S	* * * *	—— —— ——
 **1-GANG 1-Toggle Engraved "EMERGENCY"**	302 S/S	84001-E40	SIE-N
 **2-GANG 2-Toggles Engraved "EMERGENCY"**	ALUM BRASS 430 S/S 302 S/S	* * * *	—— —— —— ——
1-GANG 1-Duplex Engraved "EMERGENCY"	ALUM BRASS 430 S/S 302 S/S	* * * 84003-E40	—— —— —— S8E-N
 **2-GANG 2-Duplex Engraved "EMERGENCY"**	ALUM BRASS 430 S/S 302 S/S	* * * 84016-E40	—— —— —— S82E-N
 **1-GANG 1-Decora Engraved "SURGE PROTECTED"**	430 S/S 302 S/S	* *	—— ——

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

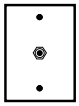
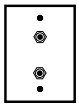
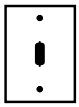
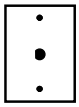
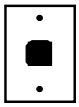
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Voice/Data/CATV Wallplates

These sturdy, high-impact wallplates for the 46000 series voice/data devices are available for single-gang applications with standard or Decora-compatible styling.

Standard Size

*Voice/Data/CATV Wallplates**

DESCRIPTION		COLOR (Nylon)	METAL	IND. NO.
1-GANG **Type "F" Connector**		IVORY WHITE		80781-I 80781-W
1-GANG **Duplex** **Type "F" Connector**		IVORY WHITE		80782-I 80782-W
1-GANG **DB9 Data Connector** **DB15 Data Connector** **DB25 Data Connector**			302 S/S 302 S/S 302 S/S	84441 84442 84443
1-GANG **BNC/TNC "D" Connector** **BNC Twinax "D" Connector**			302 S/S 302 S/S	84444 84445
1-GANG **Token Ring** **IBM Data Connector**			302 S/S	84446

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

For more information regarding Voice/Data/CATV Wallplates, refer to Communication Premise Wiring Products, Section S.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size Plastic Wallplates

All Leviton Larger-size wallplates are a full 0.25 inches deep to insure a clean fit, despite protruding devices, in accordance with the latest National Electrical Code. Each is individually packed with extra-long, color-matched mounting screws.

Larger Size

Midway Size Wallplates

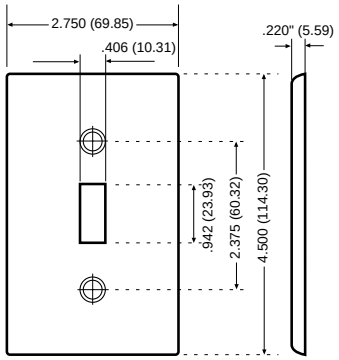
DESCRIPTION	COLOR	CAT. NO.	IND. NO.
1-GANG 1-Toggle	IVORY WHITE BROWN ALMOND	80501-I 80501-W 80501 80501-A	SPJ1-I SPJ1-W SPJ1 SPJ1-A
2-GANG 2-Toggle	IVORY WHITE BROWN ALMOND	80509-I 80509-W 80509 80509-A	SPJ2-I SPJ2-W SPJ2 SPJ2-A
3-GANG 3-Toggle	IVORY WHITE BROWN ALMOND	80511-I 80511-W 80511 80511-A	SPJ3-I SPJ3-W SPJ3 SPJ3-A
4-GANG 4-Toggle	IVORY WHITE	80512-I 80512-W	SPJ4-I SPJ4-W
1-GANG 1-Duplex	IVORY WHITE BROWN ALMOND	80503-I 80503-W 80503 80503-A	SPJ8-I SPJ8-W SPJ8 SPJ8-A
1-GANG 1-Phone/Cable .312" dia Hole, Box Mount	IVORY WHITE BROWN ALMOND	80513-I 80513-W 80513 80513-A	SPJ738-I SPJ738-W SPJ738 SPJ738-A

All devices are UL Listed and CSA Certified.

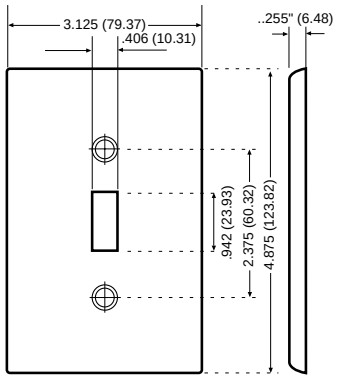
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



Midway Size



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

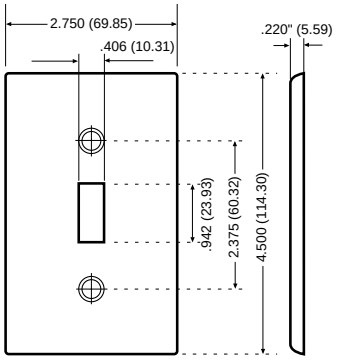
Larger Size Plastic Wallplates

LEVITON Building a Connected World

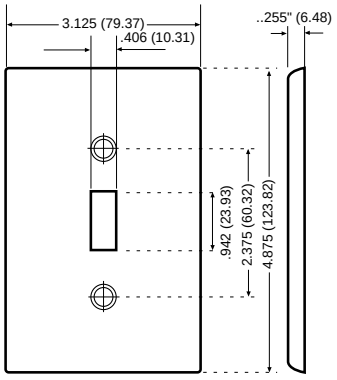
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



Midway Size



Larger Size

Midway Size Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.
1-GANG 1-Decora	IVORY GRAY WHITE BROWN ALMOND	80601-I 80601-GY 80601-W 80601 80601-A	SPJ26-I SPJ26-GY SPJ26-W SPJ26 SPJ26-A
2-GANG 2-Decora	IVORY GRAY WHITE BROWN ALMOND	80609-I 80609-GY 80609-W 80609 80609-A	SPJ262-I SPJ262-GY SPJ262-W SPJ262 SPJ262-A
3-GANG 3-Decora	IVORY WHITE ALMOND	80611-I 80611-W 80611-A	SPJ263-I SPJ263-W SPJ263-A
4-GANG 4-Decora	IVORY WHITE ALMOND	80612-I 80612-W 80612-A	SPJ264-I SPJ264-W SPJ264-A
2-GANG 2-Duplex	IVORY WHITE BROWN ALMOND	80516-I 80516-W 80516 80516-A	SPJ82-I SPJ82-W SPJ82 SPJ82-A
1-GANG 1-Receptacle 1.406" dia. Hole	IVORY WHITE BROWN	80504-I 80504-W 80504	SPJ7-I SPJ7-W SPJ7
1-GANG 1-Blank Box Mount	IVORY WHITE BROWN ALMOND	80514-I 80514-W 80514 80514-A	SPJ13-I SPJ13-W SPJ13 SPJ13-A
2-GANG 2-Blank Box Mount	IVORY WHITE BROWN ALMOND	80525-I 80525-W 80525 80525-A	SPJ23-I SPJ23-W SPJ23 SPJ23-A
1-GANG 1-Telephone	IVORY WHITE BROWN GRAY BLACK	— — — — —	SPJ11-I SPJ11-W SPJ11 SPJ11-GY SPJ11-E
3-GANG 2-Toggle 1-Decora	IVORY WHITE BROWN ALMOND	— — — —	SPJ226-I SPJ226-W SPJ226 SPJ226-A

**Emergency
All devices are UL Listed and CSA Certified.

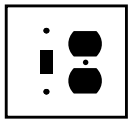
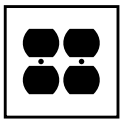
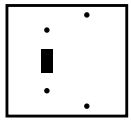
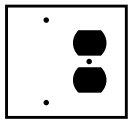
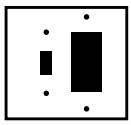
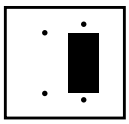
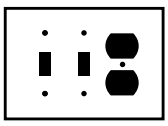
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size Plastic Wallplates

Larger Size

Midway Size Wallplates

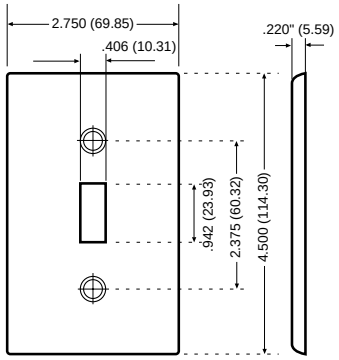
DESCRIPTION		COLOR	CAT. NO.	IND. NO.
2-GANG 1-Toggle 1-Duplex		IVORY WHITE BROWN ALMOND	80505-I 80505-W 80505 80505-A	SPJ18-I SPJ18-W SPJ18 SPJ18-A
2-GANG 2-Duplex		IVORY WHITE BROWN ALMOND	80516-I 80516-W 80516 80516-A	SPJ28-I SPJ28-W SPJ28 SPJ28-A
2-GANG 1-Toggle 1-Blank, Box Mount		IVORY WHITE BROWN	80506-I 80506-W 80506	SPJ113-I SPJ113-W SPJ113
2-GANG 1-Duplex 1-Blank, Box Mount		IVORY WHITE BROWN	80508-I 80508-W 80508	SPJ138-I SPJ138-W SPJ138
2-GANG 1-Toggle 1-Decora		IVORY WHITE BROWN ALMOND	80605-I 80605-W 80605 80605-A	SPJ126-I SPJ126-W SPJ126 SPJ126-A
2-GANG 1-Decora 1-Blank, Strap Mount		IVORY WHITE BROWN ALMOND	80608-I 80608-W 80608 80608-A	SPJ1326-I SPJ1326-W SPJ1326 SPJ1326-A
3-GANG 2-Toggle 1-Duplex		IVORY WHITE BROWN	80521-I 80521-W 80521	SPJ28-I SPJ28-W SPJ28

All devices are UL Listed and CSA Certified.

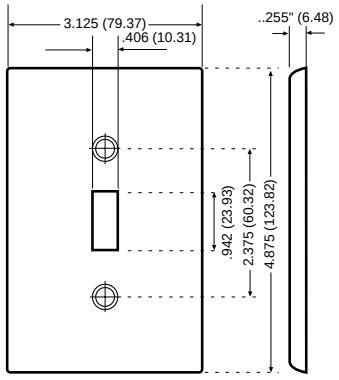
Midway Wallplates

All Leviton Midway wallplates can be mounted onto larger volume outlet boxes and/or used to hide wall irregularities. All 1-Gang Midway wallplates are 4.875" H x 3.125" W. Midway wallplates are a full 0.375" higher and wider than standard wallplates.

Standard Size



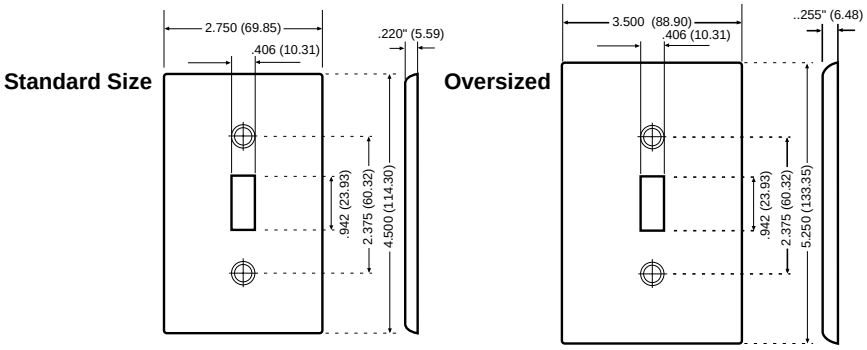
Midway Size



For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size
Plastic and Metal Wallplates



Leviton's Oversized wallplates are 0.75 inches higher and wider than standard wallplates. They are used to conceal greater wall irregularities than those hidden by the extra coverage provided by Midway wallplates.

All 1-Gang Oversized wallplates are 5.25" H x 3.5" W. Add 1.8125" for each additional gang.

Larger Size

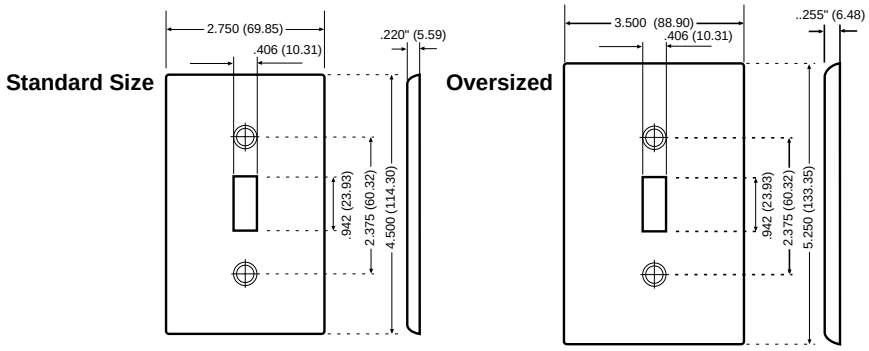
Oversized Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG 1-Toggle	IVORY WHITE BROWN	86101 88101 85101	PO1-I PO1-W PO1	430 S/S 302 S/S	84101 84101-40	SO1 SO1-N
2-GANG 2-Toggles	IVORY WHITE BROWN	86109 88109 85109	PO2-I PO2-W PO2	430 S/S 302 S/S	* 84109-40	—— SO2-N
3-GANG 3-Toggles	IVORY WHITE BROWN	86111 88111 85111	PO3-I PO3-W PO3	430 S/S 302 S/S	* 84111-40	—— S03-N
4-GANG 4-Toggles	——	——	——	430 S/S 302 S/S	* 84112-40	—— SO4-N
1-GANG 1-Duplex	IVORY WHITE BROWN	86103 88103 85103	PO8-I PO8-W PO8	430 S/S 302 S/S	84103 84103-40	SO8 SO8-N
2-GANG 2-Duplex	IVORY WHITE BROWN	86116 88116 85116	PO82-I PO82-W PO82	430 S/S 302 S/S	84116 84116-40	SO82 SO82-N
3-GANG 3-Duplex	——	——	——	430 S/S 302 S/S	* 84130-40	—— SO83-N
4-GANG 4-Duplex	——	——	——	430 S/S 302 S/S	* *	—— ——
1-GANG 1-Single 1.406" dia. Hole	——	——	——	430 S/S 302 S/S	* 84104-40	—— SO7-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size
Plastic and Metal Wallplates



Leviton's Oversized wallplates are 0.75 inches higher and wider than standard wallplates. They are used to conceal greater wall irregularities than those hidden by the extra coverage provided by Midway wallplates.

All 1-Gang Oversized wallplates are 5.25" H x 3.5" W. Add 1.8125" for each additional gang.

Larger Size

Oversized Wallplates

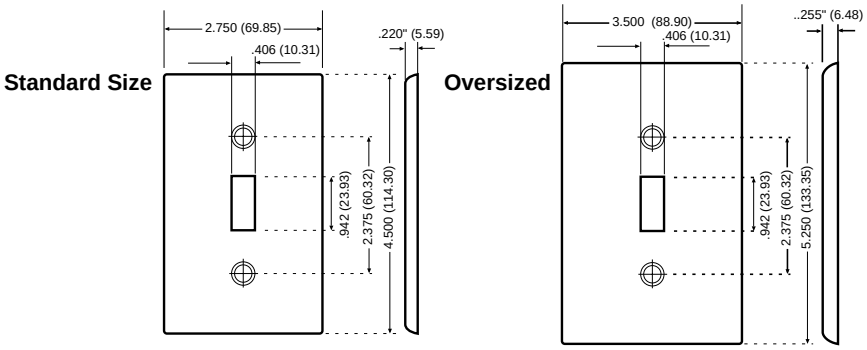
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
1-GANG 1-Decora	IVORY WHITE ALMOND	86601 88601 82601	PO26-I PO26-W PO26-A	430 S/S 302 S/S	* SO26	—— SO26
2-GANG 2-Decora	IVORY WHITE ALMOND	86602 88602 82602	PO262-I PO262-W PO262-A	430 S/S 302 S/S	* SO262	—— SO262
3-GANG 3-Decora	——	——	——	430 S/S 302 S/S	* SO263	—— SO263
1-GANG Phone/Cable .406" dia. Hole Strap Mount	IVORY WHITE	86113 88113	PO12 PO12	430 S/S 302 S/S	* *	—— ——
1-GANG Phone/Cable .625" dia. Hole Strap Mount	——	——	——	430 S/S 302 S/S	84137 84137-40	SO730 SO730-N
1-GANG 1-Blank, Box Mount	IVORY WHITE BROWN	86114 88114 85114	PO13 PO13 PO13	430 S/S 302 S/S	84114 84114-40	SO13 SO13-N
2-GANG 2-Blanks, Box Mount	——	——	——	430 S/S 302 S/S	* 84125-40	—— SO23-N
3-GANG 3-Blanks Box Mount	——	——	——	430 S/S 302 S/S	* 84133-40	—— SO33-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size
Plastic and Metal Wallplates



Leviton's Oversized wallplates are 0.75 inches higher and wider than standard wallplates. They are used to conceal greater wall irregularities than those hidden by the extra coverage provided by Midway wallplates.

All 1-Gang Oversized wallplates are 5.25" H x 3.5" W. Add 1.8125" for each additional gang.

Larger Size

Oversized Wallplates

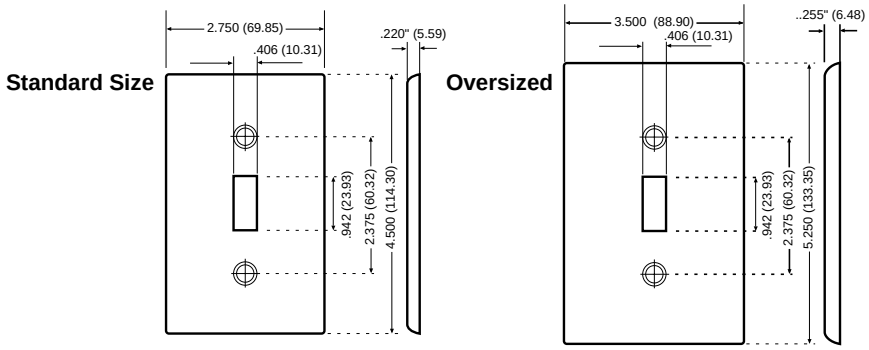
DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
4-GANG **4-Blanks** **Box Mount**	——	——	——	430 S/S 302 S/S	* *	—— ——
1-GANG **1-Blank, Strap Mount**	——	——	——	430 S/S 302 S/S	* 84119-40	—— SO14-N
2-GANG **2-Blanks, Strap Mount**	——	——	——	430 S/S 302 S/S	* 84134-40	—— SO24-N
3-GANG **3-Blanks** **Strap Mount**	——	——	——	430 S/S 302 S/S	* *	—— ——
2-GANG **1-Toggle 1-Duplex**	IVORY WHITE BROWN	86105 88105 85105	PO18-I PO18-W PO18	430 S/S 302 S/S	* 84105-40	—— SO18-N
2-GANG **1-Toggle 1-Decora**	IVORY WHITE ALMOND	86605 88605 82605	PO126-I PO126-W PO126-A	430 S/S 302 S/S	* *	—— ——
2-GANG **1-Blank 1-Toggle** **Box Mount**	IVORY WHITE BROWN	86106 88106 85106	PO113-I PO113-W PO113	430 S/S 302 S/S	* *	—— ——
2-GANG **1-Single 1.406"** **dia. Hole 1-Duplex**	——	——	——	430 S/S 302 S/S	* 84146-40	—— SO78-N

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Larger Size
Plastic and Metal Wallplates



Leviton's Oversized wallplates are 0.75 inches higher and wider than standard wallplates. They are used to conceal greater wall irregularities than those hidden by the extra coverage provided by Midway wallplates.

All 1-Gang Oversized wallplates are 5.25" H x 3.5" W. Add 1.8125" for each additional gang.

Larger Size

Oversized Wallplates

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
2-GANG **1-Blank, Box Mount** **1-Duplex**	IVORY BROWN	86108 85108	PO138-I PO138	430 S/S 302 S/S	* *	—— ——
2-GANG **1-Blank, Strap Mount** **1-Decora**	——	——	——	430 S/S 302 S/S	* *	—— ——
2-GANG **1-Toggle** **1-Single 1.406" dia. Hole**	——	——	——	430 S/S 302 S/S	* *	—— ——
3-GANG **2-Toggles** **1-Duplex**	——	——	——	430 S/S 302 S/S	* 84121-40	—— SO28-N
3-GANG **1-Toggle** **2-Duplex**	——	——	——	430 S/S 302 S/S	* 84147-40	—— SO182-N
4-GANG **3-Toggles** **1-Duplex**	——	——	——	430 S/S 302 S/S	* *	—— ——

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All devices are UL Listed and CSA Certified.

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Weather-Resistant Covers

Features and Benefits

Plastic

- Impact resistant thermoplastic construction
- Pre-installed gasket for easy, reliable installation
- Tongue and groove plate-to-cover construction
- Offset device opening (horizontal only) for easier cord exit
- Thermoplastic inserts prevent insect and debris accumulation

Plastic and Metal

- Self-closing
- Vertical and horizontal mounting
- Die cast aluminum or impact-resistant thermoplastic covers and bases
- Weather-resistant gaskets
- Stainless steel springs
- Gray or clear finish

SPECIFICATIONS & FEATURES

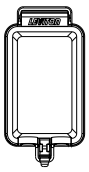
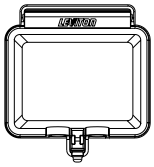
- Mounting Screws and rubber gasket included for fast, easy installation onto surface-mounted outdoor-type boxes or flush-mounted wall boxes
- Easy-grip self-closing covers with durable, noncorrosive stainless steel screws
- Backed by a Limited Two-Year Warranty

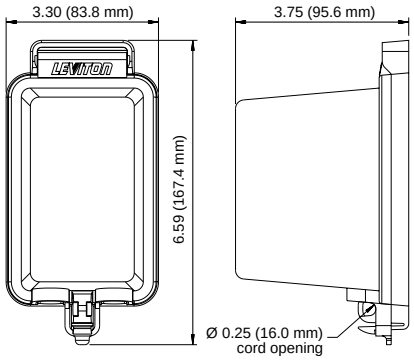
TESTING & CODE COMPLIANCE

- Full compliance with UL, CSA and NEC Section 410-57 requirements for damp and wet locations with cover closed
- Raintight while-in-use covers are NEMA 3R rated for use with unattended plugs engaged in "live" receptacles in wet or damp locations

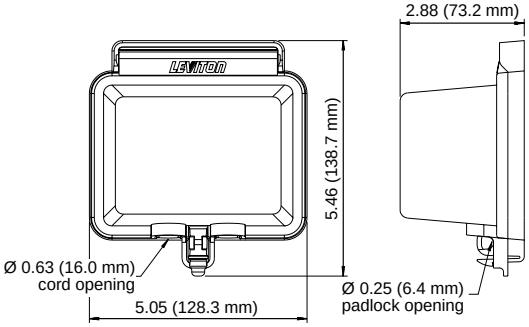
For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Decora Devices, Section A.

Raintight While-In-Use Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle, Gray, Standard		Vertical	5976-GY
Duplex Receptacle, Gray, Extra Deep		Vertical	5976-DGY
Duplex Receptacle, Clear, Standard		Vertical	5976-CL
Duplex Receptacle, Clear, Extra Deep		Vertical	5976-DCL
Decora/GFCI, Clear, Standard		Vertical	5977-CL
Decora/GFCI, Clear, Extra Deep		Vertical	5977-DCL
Single Receptacle, Gray, Standard		Vertical	5978-GY
Single Receptacle, Clear, Standard		Vertical	5978-CL
Single Receptacle, Gray, Extra Deep		Vertical	5978-DGY
Single Receptacle, Clear, Extra Deep		Vertical	5978-DCL
Duplex Receptacle, Gray, Standard		Horizontal	5996-GY
Duplex Receptacle, Gray, Extra Deep		Horizontal	5996-DGY
Duplex Receptacle, Clear, Standard		Horizontal	5996-CL
Decora/GFCI, Gray, Standard		Horizontal	5997-GY
Decora/GFCI, Gray, Extra Deep		Horizontal	5997-DGY
Decora/GFCI, Clear, Standard		Horizontal	5997-CL
Decora/GFCI, Clear, Extra Deep		Horizontal	5997-DCL
Single Receptacle, Gray, Standard		Horizontal	5998-GY
Single Receptacle, Gray, Extra Deep		Horizontal	5998-DGY
Single Receptacle, Clear, Standard		Horizontal	5998-CL



VERTICAL MOUNT, EXTRA DEEP
Cat. No. 5976-D



HORIZONTAL MOUNT, STANDARD
Cat. No. 5997

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

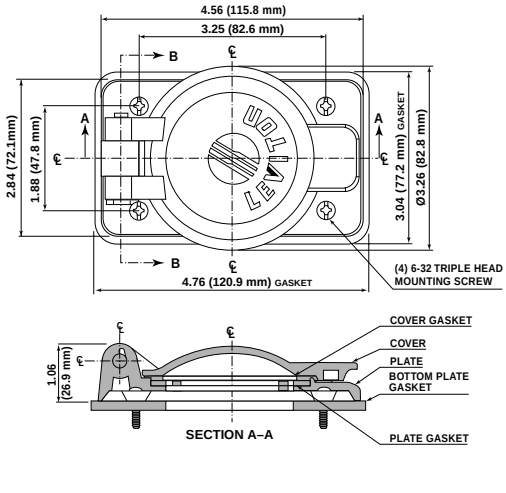
Weather-Resistant Covers

Features and Benefits

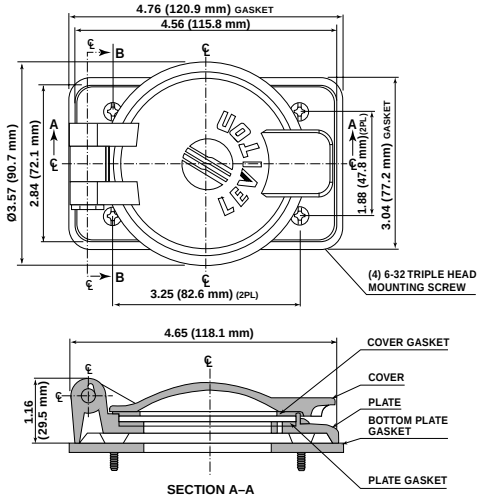
- Glass-filled thermoplastic cover and plate for outstanding impact resistance and durability
- UL 94-VO Flammability Rating
- Superior IP 54 Suitability rating protects against dust particles and splashing water
- NEMA Type 3R enclosure rating ensures protection against rain, sleet and damage from external ice formation
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel hinge-pin, spring and mounting screws for excellent corrosion resistance
- Triple-combination screws accept Phillips, straight-blade or Robertson-head screwdrivers
- Oversized cover tab for easier opening with gloved hands
- Mounts to panel or FS/FD boxes
- UL Listed and CSA certified for wet locations with cover closed

Industrial Weather-Resistant Covers

DESCRIPTION	COLOR	CAT. NO.
For use with 15-amp locking, 15-amp and 20-amp straight-blade flanged inlets and outlets	GRAY	WP1
For use with 20-amp and 30-amp 3-, 4-, and 5-wire locking flanged inlets and outlets; 30-amp and 50-amp 3-wire power receptacles	GRAY	WP2
For use with 20-amp and 30-amp single locking receptacles and FS/FD boxes	YELLOW	7420-CR



WATER RESISTANT COVER
Cat. Nos. WP1 and 7420-CR



WATER RESISTANT COVER
Cat. No. WP2

TESTING & CODE COMPLIANCE

- UL Listed (File # E-13397)
- CSA Certified (File # LR-16347)
- NOM Certified (# 057)
- IP 54 Suitability rating (protected against dust and splashing water)
- NEMA Type 3R enclosure rating
- Backed by a Limited 10-Year Warranty

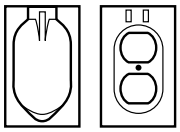
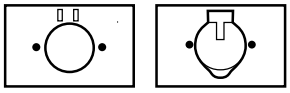
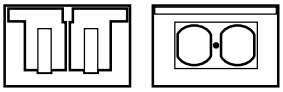
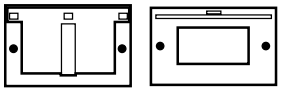
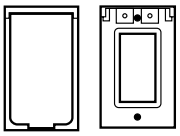
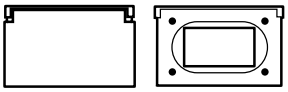
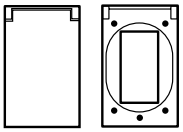
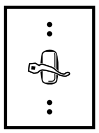
MATERIAL CHARACTERISTICS

Environmental: VO Flammability Rating per UL 94
Operating Temperature: -40°C to 75°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Weather-Resistant Covers

Die-Cast Zinc Weather-Resistant Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle 1-GANG		Vertical	4926
Single Receptacle 1-GANG Self-Closing Lid		Horizontal	4925-2
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids★		Horizontal	4970
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	4990
Decora/GFCI 1-GANG Self-Closing Lid★		Vertical	4992
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS type box		Horizontal	6196-FS
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS type box		Vertical	6196-VFS
Weatherproof Wallplate & Switch 15A 120V AC		Horizontal or Vertical	1432
NEMA 1 Steel Enclosure Without Switch		Vertical	N13NC

All devices are UL Listed . Also CSA Certified except where indicated by★

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Weather-Resistant Covers

Thermoplastic Weather-Resistant Covers

DESCRIPTION	MOUNTING	CAT. NO.
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids	Horizontal	4976-GY 4976-W
Duplex Receptacle or Combination Device 1-GANG Self-Closing Lid	Vertical	4978-GY 4978-W
Single Receptacle 1-GANG Self-Closing Lid	Vertical	4979-GY
Single 20A or 30A Locking Receptacle 1-GANG Self-Closing Lid	Vertical	4980-GY
Decora/GFCI 1-GANG Self-Closing Lid	Horizontal	4996-GY 4996-W
Decora/GFCI 1-GANG Self-Closing Lid	Vertical	4998-GY 4998-W
Oversized Duplex 1-GANG Two Independant Self-Closing Lids	Horizontal	4986-GY

Blank Box Mounted Wallplates with Gasket

DESCRIPTION	MOUNTING	CAT. NO.
1-GANG Aluminum, Box Mount	N/A	83014-EXT
2-GANG Aluminum, Box Mount	N/A	83025-EXT

*Type 302 Stainless Steel Wallplate—**Box Mount***

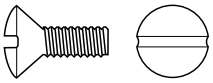
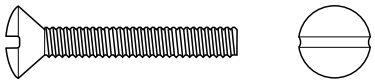
DESCRIPTION	COLOR	CAT. NO.
Type 302 Stainless Steel Wallplate w/Spanner Screws and Spanner Tool	S/S	84071-40

All devices are UL Listed and CSA Certified.

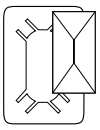
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wallplate Accessories

Wallplate Screws

DESCRIPTION	COLOR	CAT. NO.
 **OVAL HEAD MILLED SLOT** **5/16" long – 6-32 thread 100 per box**	IVORY GRAY WHITE BROWN ALMOND S/S	86400-PRT 87400-PRT 88400-PRT 85400-PRT 82400-PRT 84400-PRT
OVAL HEAD MILLED SLOT **1/2" long – 6-32 thread 100 per box**	IVORY BLACK GRAY WHITE BROWN S/S	86000-PRT 83000-PRT 87000-PRT 88000-PRT 85000-PRT 84000-PRT
 **OVAL HEAD MILLED SLOT** **7/8" long – 6-32 thread 50 per box**	IVORY RED WHITE BROWN S/S	86500-PRT 89500-PRT 88500-PRT 85500-PRT 84500-PRT

Pilot Light Jewels

DESCRIPTION	COLOR	CAT. NO.
ROUND **Fits single receptacle hole 1.375–1.406" dia.**	GREEN RED	405 GR 405 R
 **RECTANGULAR** **Fits toggle switch hole .406 x .942"**	GREEN RED	406 GR 406 R
LAMPHOLDER ASSEMBLY **for use with jewels or louvre plates – use with standard 2.5" box and 4 watt bulb**	(bulb included)	2152

Mounting Screws

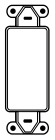
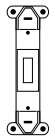
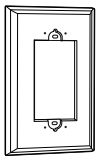
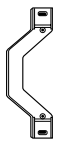
DESCRIPTION	COLOR	CAT. NO.
PHILLIPS/STANDARD **7/8" long – 6-32 thread 50 per bag**	S/S	84440

All devices are UL Listed and CSA Certified.

Tamper-Resistant Spanner Head Screws

DESCRIPTION	COLOR	CAT. NO.
SPANNER HEAD **1/2" long – 6-32 thread 100 per box**	S/S	84000 T
SCREWDRIVER **for Spanner head or Tamper-Resistant screws**	BLACK	84000 TSD

Plastic Wallplate Adapters

DESCRIPTION	COLOR	CAT. NO.
These adapters permit the use of rotary dimmers in multi-gang Decora installations or fill blank holes in multi-device Decora or toggle wallplates.		
DIMMER SHAFT **.406" dia. Hole**	IVORY BLACK GRAY BROWN WHITE ALMOND	80400-I 80400-E 80400-GY 80400 80400-W 80400-A
 **BLANK DECORA** **No Hole**	IVORY BLACK GRAY BROWN WHITE ALMOND	80414-I 80414-E 80414-GY 80414 80414-W 80414-A
 **BLANK TOGGLE** **No Hole**	IVORY GRAY BROWN WHITE	80700-I 80700-GY 80700 80700-W
 **WALLBOX ADAPTER** **Extends shallow wallbox to fit GFCI/Decora devices**	IVORY BROWN WHITE	6197-I 6197 6197-W
SNAP IN GROMMET **reduces 1.406" to 1.00" for use with single receptacle wallplates**	BLACK	403-E
 **THERMOPLASTIC** **Yoke/Mounting Strap w/screws** Custom wallplate configurations 11, 23, 27 and 31 are supplied with strap kits. See page G42		404

Special Wallplates

The Order Form and instructions requesting custom wallplate configurations are found on the following pages. Custom wallplates are available in a variety of metals and can be requested from Leviton through special order, beginning on the next page.

All devices are UL Listed and CSA Certified.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

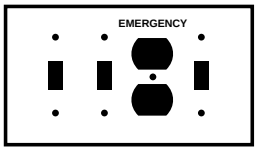
How to Order Custom Wallplates

General Information

Custom wallplates, up to twelve gangs in size, made of brass, stainless steel, painted steel, aluminum or chrome, can be special ordered from Leviton. Any combination of the configurations shown can be specified to meet your needs. In addition, standard and custom metal wallplates can be engraved, and standard nylon wallplates can be hot stamped, with the message of your choice. Follow the steps below to fill out the Custom Wallplate Order Form completely and accurately. The finished order form must include:

1. The wallplate catalog number
2. The type of wallplate material desired (from the Material Code Chart)
3. The quantity of wallplates desired
4. The wallplate configurations in proper order (from the Configuration Code Chart)
5. The wallplate color, selected from the Wallplate Color Code Chart
6. Engraved or hot stamped message, if desired, with message location and letter size
7. Engraved or hot stamped message filler color, selected from the Fill-In Color Chart

Photocopy the blank Custom Wallplate Order Form at the back of this section and refer to the completed sample Custom Wallplate Order Form shown when filling out your order. Your Leviton representative can provide you with additional forms if needed. The sample order grid below shows the custom wallplate pictured at right:



Sample Grid

CAT. NO. 90004 MATERIAL CODE S3 QTY. 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
01	01	EMERGENCY 03	01								

COLOR CODE _____ ENGRAVED ✔ HOT STAMPED _____ LETTER SIZE 3/8"

FILLER CODE XR PRICE _____

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How to Order Custom Wallplates

How to Fill Out the Custom Wallplate Order Form

STEP 1: DETERMINE THE WALLPLATE CATALOG NUMBER

The catalog number for a custom wallplate is determined as follows: a single-gang custom wallplate is Cat. No. 90001, a double-gang custom wallplate is Cat.No. 90002, a three-gang custom wallplate is Cat. No. 90003, and so on through the sequence to Cat. No. 90010 for the ten-gang custom wallplate. Enter the number in the space on the Order Form marked “CAT. NO.” If you are ordering a standard metal wallplate for custom engraving, use the 90000 series number. If you are ordering a standard nylon wallplate for custom hot stamping, enter that wallplate's catalog number in the space on the Order Form marked “CAT. NO.”

STEP 2: SELECT THE WALLPLATE MATERIAL

Choose the custom wallplate material desired from the Wallplate Material Chart below. Enter the Material Code for the material selected in the space marked “MATERIAL CODE” on the Order Form. When ordering Custom Hot Stamped wallplates, enter NYLON.

MATERIAL	MATERIAL CODE
Aluminum†	**AL**
Brass (Satin) **Polished Brass**	**BR** **PB**
Non-Magnetic Stainless Steel-Type 302/304	**S3**
Oversize Non-Magnetic Stainless Steel-Type 302/304*	**S30**
Painted Steel	**S5**
Oversize Painted Steel*	**S50**
Chrome	**CRM**
Raw Steel	**RAW**

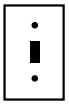
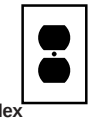
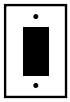
†6-Gang maximum size, standard size only
*4-Gang maximum size

STEP 3: DETERMINE THE QUANTITY OF THE WALLPLATE ORDER

Enter the quantity of wallplates needed in the space marked “QUANTITY” on the Order Form.

STEP 4: DETERMINE THE CUSTOM WALLPLATE CONFIGURATION

The Wallplate Configuration Chart below shows all the configurations that can be specified for Leviton custom metal wallplates. Each configuration has a specific Configuration Code number in the lower right-hand corner of its corresponding space on the chart. Enter this configuration code in the center of the corresponding square on the Order Form Grid to match its desired position on the finished custom wallplate. Refer to the Sample Order Form Grid for clarification on configurations and their placement, if necessary (page G43).

 Toggle Switch **01**	 Duplex Receptacle **03**	Louvre Horizontal Mount **05**	Louvre Vertical Mount* **07**	Blank Box Mount **09**	Blank Strap Mount **11**
 Decora/ GFCI **13**	Single 1.406" dia. Receptacle **15**	1.60" dia. Hole **17**	2.15" dia. Hole** **19**	2.647" dia. Hole** **21**	.312" dia. Hole Strap Mount **23**
.312" dia. Hole Box Mount **25**	.406" dia. Hole Strap Mount **27**	.406" dia. Hole Box Mount **29**	.625" dia. Hole Strap Mount **31**	.625" dia. Hole Box Mount **33**	Interchangeable 1-Device Vertical **35**
Interchangeable 1-Device Horizontal **37**	Interchangeable 2-Device **39**	Interchangeable 3-Device **41**	2.460" dia. Hole 2-Gang Only** **47**	0.880" dia. Hole for Key Lock Power Switch**. Tamper-resistant screws and screwdriver included w/Key Lock configurations. Device mount unless specified otherwise. For 1-gang, order 84071-40. **49**	

Enter the code number for the configurations you select in the center box on each desired wallplate position on the Custom Wallplate Order Form.
*3-Gang minimum
**2-Gang minimum

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How to Order Custom Wallplates

How to Fill Out the Custom Wallplate Order Form ***(continued)***

STEP 5: SELECT THE WALLPLATE COLOR

For painted metal, select one of the following colors and enter its color code in the space marked "COLOR CODE" on the order form:

COLOR	WALLPLATE COLOR CODE
Almond	**PA**
Black	**PE**
Brown	**PB**
Gray	**PG**
Ivory	**PI**
Orange	**PO**
Red	**PR**
White	**PW**

STEP 6: ENTER ENGRAVING INFORMATION

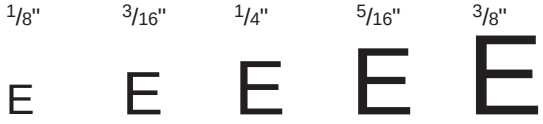
NOTE: WE CAN ENGRAVE NYLON AND PAINTED AND UNPAINTED METAL WALLPLATES. After completing steps 1-5:

6A) Type or clearly print the message(s) (i.e., TURN OFF) as you wish it to appear on the lines provided in the appropriate Grid box(es). **6B)** Select the size of the letters you desire for the wallplate message from the dimensions shown below and enter that size in the space marked "LETTER SIZE" on the Order Form. **6C)** Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

FILLER COLOR CODES **for Engraved Wallplates**

COLOR	CODE
Black	**XE**
White	**XW**
Red	**XR**
No Filler	**XX**

LETTER SIZE GAUGE **for Engraved Wallplates**



STEP 7: ENTER HOT STAMPING INFORMATION

7A) Select the message(s) desired from the Message Library below. Enter the message on the lines provided in the appropriate Grid box(es) where they should appear. The message will be stamped in 3/16"-high text.

HOT STAMPING MESSAGE LIBRARY FOR CUSTOM NYLON WALLPLATES

1. SHOWER	**7. HEAT**	**13. ON**	**19. ISOLATED**	**25. EQUIP**
2. VANITY	**8. DATA**	**14. PROTECTED**	**20. GROUND**	**26. FLUORESCENT**
3. VOICE	**9. COMPUTER**	**15. OFF**	**21. CONDITIONED**	**27. OIL**
4. ONLY	**10. GFCI**	**16. OIL BURNER**	**22. CONDITIONED POWER**	**28. POWER**
5. ISOLATED GROUND	**11. SURGE**	**17. PC**	**23. CRITICAL**	**29. UPS**
6. EMERGENCY	**12. FAN**	**18. DEDICATED**	**24. ELEC.**	

7B) Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

COLOR	CODE
Black	**XE**
White	**XW**
Red	**XR**
No Filler	**XX**

To order nylon wallplates with custom hot stamped message, contact your Leviton salesman or customer service representative.

8) NOTE: Sequential engraving is available. Consult factory for ordering instructions.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How to Order Custom Wallplates

Custom Wallplate Order Form

Account No. _____ P.O. No. _____

BILL TO: **SHIP TO:**

CAT. NO._____ MATERIAL CODE_____ QTY._____

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

COLOR CODE_____ ENGRAVED_____ HOT STAMPED_____ LETTER SIZE_____

FILLER CODE_____ PRICE_____

ENGRAVING INFORMATION (Please print per corresponding gang number.)

(1) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(2) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(3) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(4) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(5) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(6) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(7) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(8) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(9) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(10) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(11) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(12) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

DESCRIPTION
(Use this space to add additional information that may be helpful.)

TERMS

- Please take care to complete your order carefully. Custom wallplates cannot be returned
- Custom orders are shipped in three to four weeks
- All engraving shall be centered within its corresponding gang unless specifically instructed to span across multiple gangs
- All engravings on toggle configurations shall appear above the mounting screw holes unless specifically instructed otherwise
- All engravings on GFCI/Decora configurations shall appear below the mounting screw hole unless specifically instructed otherwise

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

Industrial, Commercial and Residential Grade

Leviton offers a complete line of 2-, 3-, and 4-wire straight blade plugs ands connectors that resist impact, corrosion and chemicals. The line includes: Industrial Grade devices that stand up to the harshest environments; Hospital Grade devices that meet the highest standards required for dependable, long-term performance; Wetguard for water and moisture resistance; Dustguard to resist dust and dirt; Python, with an innovative interlocking design; rugged nylon flanged inlets and outlets; and integrated inlets and outlets with weather resistant covers.

INDUSTRIAL GRADE PLUGS & CONNECTORS

Overview ____ H1
15A 125V & 250V
- Lighted, Hospital Grade ____ H2
- Angle, Hospital Grade ____ H2
- Hospital Grade ____ H2
- Angle ____ H2
- Nylon Body ____ H2
- Flanged Inlets and Outlets ____ H2
- Factory Assembled Cord Sets ____ H2
- Wetguard ____ H4
- Dustguard ____ H4
- Python ____ H5
- Integrated Inlets and Outlets with Weather-Resistant Covers ____ H6

20A 125V & 250V
- Angle, Hospital Grade ____ H3
- Hospital Grade ____ H3
- Angle ____ H3
- Nylon Body ____ H3
- Flanged Inlets and Outlets ____ H3
- Wetguard ____ H4
- Wetguard Cord Sets ____ H4
- Dustguard ____ H4
- Python ____ H5
- Integrated Inlets and Outlets with Weather-Resistant Covers ____ H6
- Weather-Resistant Boots ____ H3

20 AMP Power Plugs ____ H7
30 AMP Nylon Angle Plugs ____ H7
50 AMP Nylon Angle Plugs ____ H8
60 AMP Nylon Angle Plugs ____ H9

COMMERCIAL GRADE PLUGS & CONNECTORS

Overview ____ H10
15A 125V & 250V
- PVC ____ H11
- Armored ____ H11
- Rubber-Back ____ H11

20A 125V & 250V
- PVC ____ H12
- Armored ____ H12
- Rubber-Back ____ H12

30 Amp and 50 Amp Dual Power Attachment Plugs ____ H13

RESIDENTIAL GRADE PLUGS & CONNECTORS

Parallel, Polarized and Non-Polarized ____ H14
Grounding ____ H15

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

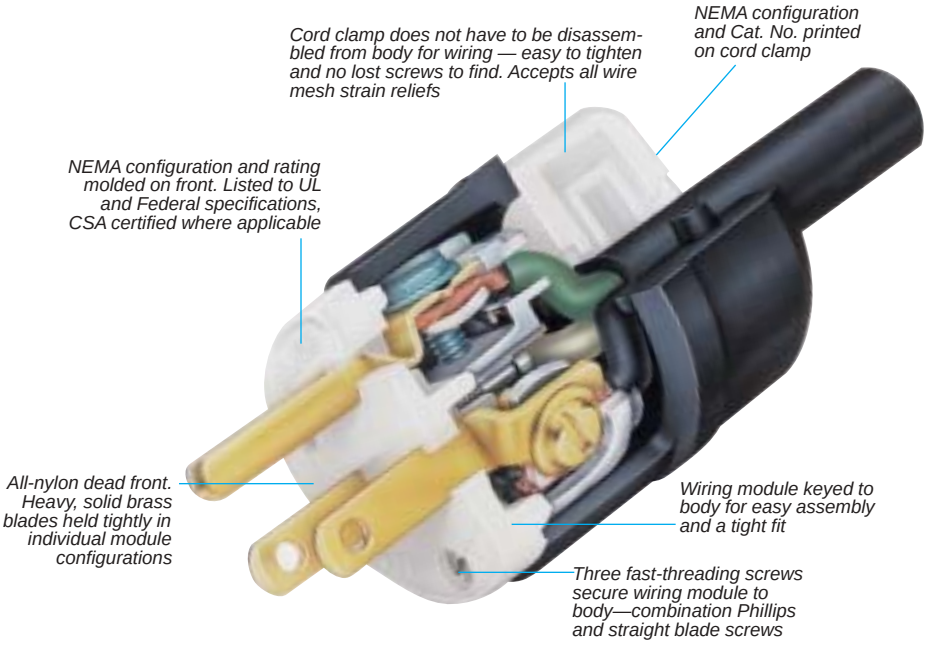
Industrial Grade

Straight Blade Plugs and Connectors

Leviton's 15 Amp and 20 Amp nylon plugs and connectors are superior in design detail and manufacture. They are made to resist impact, punishing application environments, chemicals and the elements, resulting in superior performance and long-lasting reliability.

Features and Benefits

- Cord clamp seats flush with body for all cables rated from 10-3 ST to 18-3 SVT (.245"–.700")
- Clamp prevents damage to jacket on any cable used within rated range
- Connector contacts are manufactured in solid one-piece brass for superior conductivity
- Triple-wipe, heavy-duty power contacts are set in deep pockets to help resist abuse
- Husk is constructed of ST801 Super Tough Nylon for superior impact resistance in rugged environments
- Beveled back edges prevent body from catching on corners and rough surfaces
- Complete-containment design insulates non-current carrying parts
- Fluted body design provides a sure grip



A Comprehensive Line of Straight Blade Plugs and Connectors

Hospital Grade

Superior design, heavy-duty, impact-resistant, all nylon construction for long-lasting performance and reliability in the demanding healthcare environment.

Cat. No. 8215-C

Angle Plugs & Connectors

For hospital and industry use where power cords must lay close to walls and floors; 8 plug positions.

Cat. No. 8215-CAT

Flanged Inlets & Outlets

Fit flush on equipment mounting panels and require only 2 mounting screws for easy panel assembly.

Cat. No. 5278-C

Wetguard®

Specifically developed for wet or damp locations, EPTR thermoplastic rubber body and rugged design resist water, acids, alkalies, grease, oils and solvents.

Cat. No. 14W48

Python

Hinged design provides speedy, simple wiring and installation, delivers top performance, stands up to rough-duty applications.

Cat. No. 5456-VY

Integrated Power Inlets and Outlets with Weather-Resistant Covers

Engineered to IP 64 and NEMA 3R protection ratings.

Cat. No. 5278-CWP

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

15 AMP 125V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG NEMA 5-15P	CAT. NO. CONNECTOR NEMA 5-15R
Hospital Grade, Black Body	8215-C	8219-C
Hospital Grade, Transparent Body	8215-CT	8219-CT
Hospital Grade, Lighted Transparent	8215-PLC	8219-PLC
Hospital Grade Angle, Transparent Body	8215-CAT	———

Industrial Grade

Black Nylon Body	5266-C	5269-C
High-Visibility Yellow Nylon Body	5266-CY	5269-CY
All-Black Nylon for Stage and Studio	5266-CB	5269-CB
All-Black Nylon, Lighted	5266-PLB	5269-PLB
Isolated Ground, Orange Body	5266-CO	5269-CO
Gray Nylon Body	5266-CG	5269-CG
Black Nylon Body, Lighted	5266-PLC	5269-PLC
Angle, Black Nylon Body	5266-CA	5269-CA
Black 2-Piece Nylon Shell	5266-N	5269-N
Flanged Inlet, White Nylon Body	5278-C	———
Flanged Outlet, White Nylon Body	———	5279-C

Factory-Assembled Cord Sets—**15 AMP 125V 2-Pole, 3-Wire Grounding**

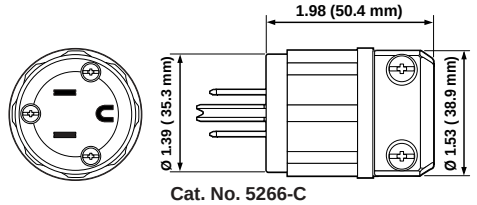
DESCRIPTION NEMA 5-15P / NEMA 5-15R	CAT. NO. 14/3 SOOW Yellow Cord B & W Devices	CAT. NO. 12/3 SOOW Yellow Cord B & W Devices	CAT. NO. 12/3 SEOW Black Cord, Lighted Transparent Devices
25' Industrial Grade★	I515-43A	I515-23A	———
50' Industrial Grade★	I515-43B	I515-23B	———
100' Industrial Grade★	I515-43C	I515-23C	———
25' Hospital Grade★	———	———	HGPLC-25

15 AMP 250V 2-Pole, 3-Wire Grounding

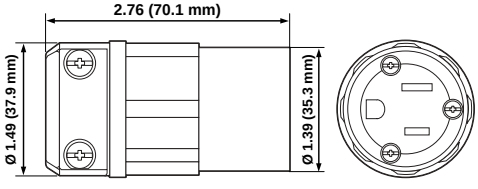
Industrial Grade

DESCRIPTION	CAT. NO. PLUG NEMA 6-15P	CAT. NO. CONNECTOR NEMA 6-15R
Black Nylon Body	5666-C	5669-C
High-Visibility Yellow Nylon Body	5666-CY	5669-CY
Angle, Black Nylon Body	5666-CA	———
Flanged Inlet, White Nylon Body	15678-C	———
Flanged Outlet, White Nylon Body	———	15679-C

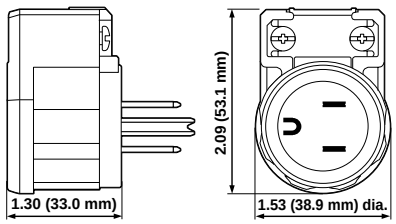
All devices are UL Listed. Also CSA Certified except where indicated by★



Cat. No. 5266-C



Cat. No. 5269-C



Cat. No. 8215-CAT

5266-C

8215-CAT

SPECIFICATIONS & FEATURES

Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing
- Clearly identified by green dot

Industrial Grade

- Rugged construction resists impact, sunlight, chemicals and rough use
- All contacts are solid one-piece brass for better conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cable sizes, grips securely without tearing cord jackets: 10-3ST–18-3SVT (.245"–.700" OD)

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets UL Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

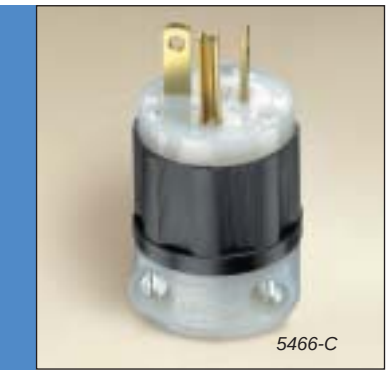
For more information regarding corrosion-resistant devices refer to Corrosion Resistant Devices, Section K.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

LEVITON Building a Connected World

5369-C


5466-C

20 AMP 125V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG (NEMA 5-20P)	CAT. NO. CONNECTOR (NEMA 5-20R / CSA config. in Canada)
Hospital Grade, Black Body	8315-C	8319-C
Hospital Grade, Transparent Body	8315-CT	8319-CT
Hospital Grade, Lighted Transparent	8315-PLC	8319-PLC
Hospital Grade Angle, Transparent Body	8315-CAT	———

Industrial Grade

Black Nylon Body	5366-C	5369-C
Black Nylon Body, Lighted	5366-PLC	5369-PLC
All-Black Nylon, Lighted	5366-PLB	5369-PLB
High-Visibility Yellow Nylon Body	5366-CY	5369-CY
Gray Nylon Body	5366-CG	5369-CG
Angle, Black Nylon Body	5366-CA	5369-CA
Flanged Inlet, White Nylon Body	15378-C	———
Flanged Outlet, White Nylon Body	———	15379-C

20 AMP 250V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG (NEMA 6-20P)	CAT. NO. CONNECTOR (NEMA 6-20R / CSA config. in Canada)
Hospital Grade Angle, Transparent Body	8415-CAT	———

Industrial Grade

Black Nylon Body	5466-C	5469-C
High-Visibility Yellow Nylon Body	5466-CY	5469-CY
Flanged Inlet, White Nylon Body	5478-C	———
Flanged Outlet, White Nylon Body	———	5479-C

SPECIFICATIONS & FEATURES

Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing
- Clearly identified by green dot

Industrial Grade

- Rugged construction resists impact, sunlight, chemicals and rough use
- All connector contacts are solid one-piece brass for superior conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cable sizes, grips securely without tearing cord jackets: 10-3ST–18-3SVT (.245"–.700")

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File # E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

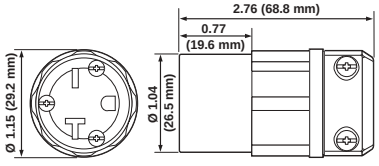
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

Weather-Resistant Boots

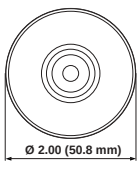
Our outstanding Industrial Grade boots feature a triple-seal design to protect straight blade and locking plugs and connectors against the harmful effects of dirt and moisture in harsh environments. Boots are available in black or high-visibility yellow. The fluted surface and grip-ring design provide a non-slip grip even in wet conditions.

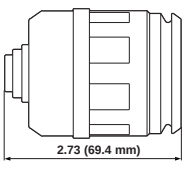
DESCRIPTION	CAT. NO.
Weather-Resistant Straight Blade Plug Boot, Black Rubber. For 15A & 20A Straight Blade Industrial Nylon Plugs	6017
Weather-Resistant Straight Blade Plug Boot, High Visibility Yellow Rubber. For 15A & 20A Straight Blade Industrial Nylon Plugs	6017-Y
Weather-Resistant Straight Blade Connector Boot, Black Rubber. For 15A & 20A Straight Blade Industrial Nylon Connectors	6018
Weather-Resistant Straight Blade Connector Boot, High Visibility Yellow Rubber. For 15A & 20A Straight Blade Industrial Nylon Connectors	6018-Y

All devices are UL Listed and CSA Certified.

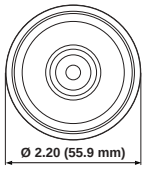


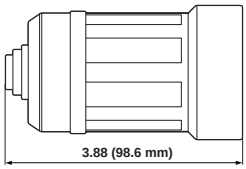
Cat. No. 5469-C





Cat. No. 6017





Cat. No. 6018

For more information regarding corrosion-resistant devices refer to Corrosion Resistant Devices, Section K.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

Wetguard™ Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard™ Straight Blade Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 15A-125V 2-Pole, 3-Wire	14W47 NEMA 5-15P	15W47 NEMA 5-15R
Black, 15A-125V 2-Pole, 3-Wire	14W47-B NEMA 5-15P	15W47-B NEMA 5-15R
High-Visibility Yellow, 15A-250V 2-Pole, 3-Wire	14W49 NEMA 6-15P	15W49 NEMA 6-15R
High-Visibility Yellow, 20A-125V 2-Pole, 3-Wire	14W33 NEMA 5-20P	15W33 NEMA 5-20R; CSA config. in Canada
High-Visibility Yellow, 20A-250V 2-Pole, 3-Wire	14W48 NEMA 6-20P	15W48 NEMA 6-20R; CSA config. in Canada

Straight Blade Cord Sets—15 AMP 125V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO. 14/3 SOOW	CAT. NO. 12/3 SOOW	NEMA 5-15P	NEMA 5-15R
25' Yellow Cord, Yellow Device★	W515-43A	W515-23A		
50' Yellow Cord, Yellow Device★	W515-43B	W515-23B		
100' Yellow Cord, Yellow Device★	W515-43C	W515-23C		

Repacement Closure Cap

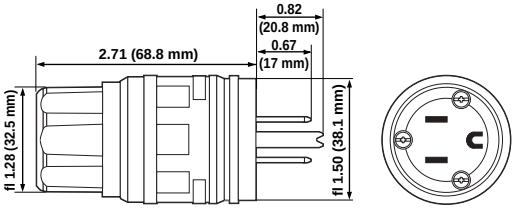
DESCRIPTION	CAT. NO.
Replacement Female Closure Cap for use with 15A & 20A 2-pole, 3-wire devices	50W50

Dustguard ™ Devices Engineered to IP44 Splashproof and Dust-Tight Standards

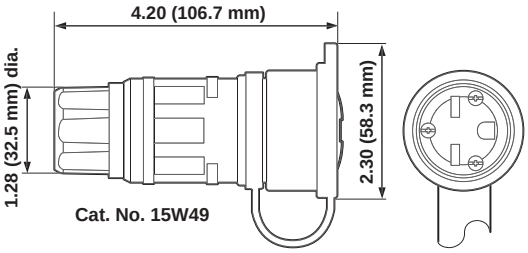
Dustguard™ Straight Blade Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 15A-125V 2-Pole, 3-Wire	1447 NEMA 5-15P	1547 NEMA 5-15R
High-Visibility Yellow, 15A-250V 2-Pole, 3-Wire	1449 NEMA 6-15P	1549 NEMA 6-15R
High-Visibility Yellow, 20A-125V 2-Pole, 3-Wire	1433 NEMA 5-20P	1533 NEMA 5-20R; CSA config. in Canada
High-Visibility Yellow, 20A-250V 2-Pole, 3-Wire	1448 NEMA 6-20P	1548 NEMA 6-20R; CSA config. in Canada

All devices are UL Listed. Also CSA Certified except where indicated by★

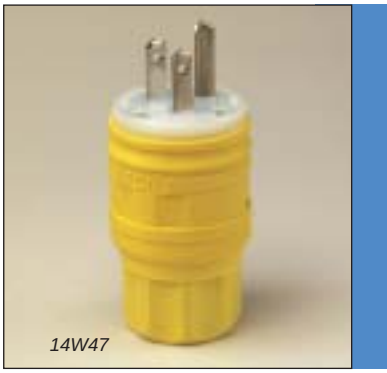


Cat. No. 14W47



Cat. No. 15W49

For more information regarding corrosion-resistant devices refer to Corrosion Resistant Devices, Section K.



SPECIFICATIONS & FEATURES

Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- Outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Effective "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors
- Innovative strain-relief grips cables securely, keeps out water and moisture
- Cord clamp range: 18/3–10/3S0 (.375"–.655")
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

Dustguard

- IEC/IP44 Rated
- Developed to withstand dusty and dirty environments, cracking and fading, temperature extremes
- Rugged wiring modules have high performance 1-piece brass triple-wipe contacts, solid brass plug blades
- Self centering cord clamp accepts wide range of conductors, 18-3 SVT–12-3SO (.240"–.655")

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Wetguard (File #13393), Dustguard (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

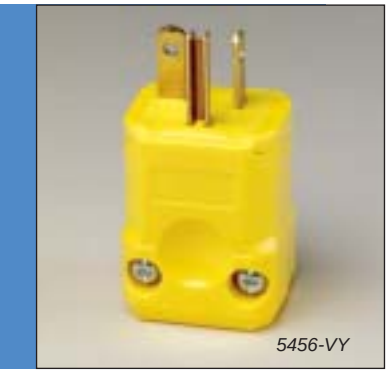
MATERIAL CHARACTERISTICS

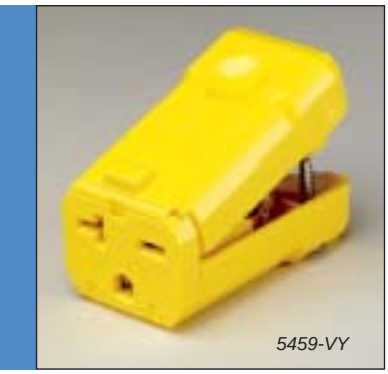
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

LEVITON Building a Connected World


5456-VY


5459-VY

SPECIFICATIONS & FEATURES

Python

- Tough high-impact body
- Hinged design delivers fast, easy installation and assembly
- Triple-drive screws for easy wiring — Standard, Philips, Robertson
- Wide Cord Clamp Range, 18-3 SVT–10-3 ST, (.250"–.650")

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File # E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

Python™ Plugs and Connectors Feature a Hinged Design for Fast, Easy Installation and Assembly

15 AMP 125V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG (NEMA 5-15P)	CAT. NO. CONNECTOR (NEMA 5-15R)
White Nylon Body	8256-V	8259-V
Industrial Grade		
Black Nylon Body	5256-VB	5259-VB
High-Visibility Yellow Nylon Body	5256-VY	5259-VY
Gray Nylon Body	5256-VG	5259-VG
Angle, High-Visibility Yellow Nylon Body	5256-VA	———

15 AMP 250V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG (NEMA 6-15P)	CAT. NO. CONNECTOR (NEMA 6-15R)
White Nylon Body	8656-V	8659-V
Industrial Grade		
High-Visibility Yellow Nylon Body	15656-VY	15659-VY
Angle, High-Visibility Yellow Nylon Body	15656-VA	———

20 AMP 125V 2-Pole, 3-Wire Grounding

Hospital Grade

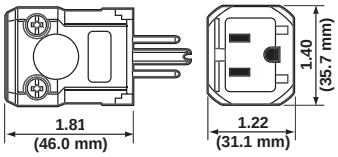
DESCRIPTION	CAT. NO. PLUG (NEMA 5-20P)	CAT. NO. CONNECTOR (NEMA 5-20R / CSA config. in Canada)
White Nylon Body	8356-V	8359-V
Industrial Grade		
Black Nylon Body	5356-VB	5359-VB
High-Visibility Yellow Nylon Body	5356-VY	5359-VY
Angle, High-Visibility Yellow Nylon Body	5356-VA	———

20 AMP 250V 2-Pole, 3-Wire Grounding

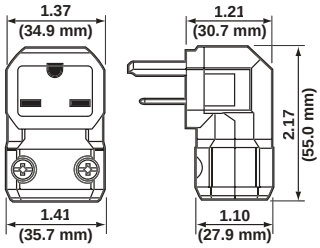
Hospital Grade

DESCRIPTION	CAT. NO. PLUG (NEMA 6-20P)	CAT. NO. CONNECTOR (NEMA 6-20R / CSA config. in Canada)
White Nylon Body	8456-V	8459-V
Industrial Grade		
High-Visibility Yellow Nylon Body	5456-VY	5459-VY
Angle, High-Visibility Yellow Nylon Body	5456-VA	———

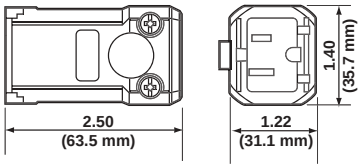
All devices are UL Listed and CSA Certified.



Cat. No. 5256-VY



Cat. No. 15656-VA



Cat. No. 5259-VY

For more information regarding corrosion-resistant devices refer to Corrosion Resistant Devices, Section K.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Integrated Power Inlets and Outlets with Weather-Resistant Covers

- Engineered to IP 64 and NEMA 3R Protection Ratings
- Suitable for Industrial Indoor and Outdoor Use

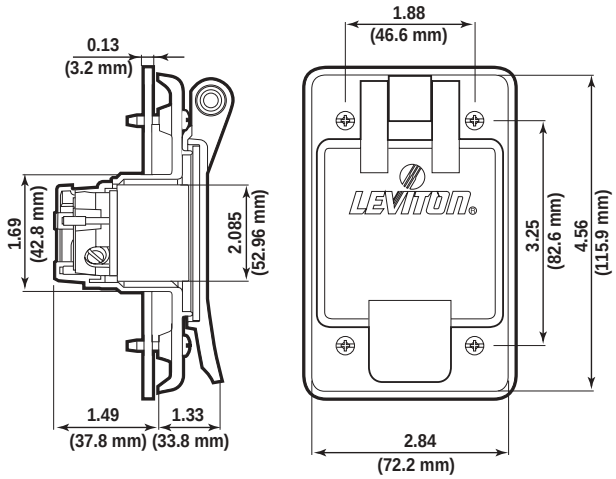
Integrated Power Inlets and Outlets with Weather-Resistant Covers
Gray, Glass-Filled Thermoplastic Cover and White, Nylon Device

DESCRIPTION	CAT. NO. FLANGED INLET	CAT. NO. FLANGED OUTLET
Standard Wire Wells, 15A-125V 2-Pole, 3-Wire	5278-CWP NEMA 5-15P	5279-CWP NEMA 5-15R
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	5278-FWP NEMA 5-15P	5279-FWP NEMA 5-15R
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	15678-CWP NEMA 6-15P	15679-CWP NEMA 6-15R
Standard Wire Wells, 20A-125V 2-Pole, 3-Wire	15378-CWP NEMA 5-20P	15379-CWP NEMA 5-20R; CSA config. in Canada
Standard Wire Wells, 20A-250V 2-Pole, 3-Wire	5478-CWP NEMA 6-20P	5479-CWP NEMA 6-20R; CSA config. in Canada

All devices are UL Listed and CSA Certified.
Note: For locking configurations, please see Section J.

5278-CWP with Cover Open

5278-CWP with Cover Closed



Cat. No. 5279-CWP, -FWP

SPECIFICATIONS & FEATURES

- Glass-filled thermoplastic cover and plate provide outstanding impact resistance and durability
- UL 94 VO Flammability Rating
- IP 64 Suitability rating protects against dust particles and splashing water
- NEMA Type-3R enclosure Rating ensures protection against rain, sleet and damage from external ice formations
- Available with standard wire wells or with slots that accept fork terminals
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel external hardware resists corrosive effects of moisture
- Large thumb-tab makes it easy to open cover with gloved hand
- Mounts to panels or FS/FD boxes
- UL Listed and CSA Certified for wet locations with cover closed

TESTING & CODE COMPLIANCE

- UL Listed (File # E-13397)
- CSA Certified (File #LR-16347
- NOM Certified (#057)
- IP 64 Suitability Rating (protected against dust and splashing water)
- NEMA Type-3R Enclosure Rating when properly installed (protected against rain, sleet and damage from external ice formations)
- Backed by a Limited 2-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: VO Flammability Rating per UL 94

Operating Temperature: -40°C to 75°C

Straight Blade Plugs and Connectors

LEVITON Building a Connected World

9432-P

9530-P

20 AMP Power Plugs

20 AMP 125/250V Straight Blade Plugs 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Straight Plug	9151-N	5032 5032-I	10-20P

20 AMP 120/208V 4-Pole, 4-Wire, 3ØY Non-Grounding

Straight Plug★	7251-C	7250-FR	18-20P

30 AMP Nylon Angle Plugs

30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9530-P	5371 5371-IG	5-30P

30 AMP 250V 2-Pole 3-Wire Grounding

Angle Plug	9630-P	5372 5372-IG	6-30P

30 AMP 277V 2-Pole 3-Wire Grounding

Angle Plug	9730-P	9730-A	7-30P

30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

Angle Plug	9332-P	5207	10-30P

30 AMP 125/250V 3-Pole 4-Wire Grounding

Angle Plug	9432-P	278	14-30P

30 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8432-P	8430	15-30P

30 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug	8332-P	8330	18-30P

All devices are UL Listed. Also CSA Certified except where indicated by★

SPECIFICATIONS & FEATURES

- Rugged cord clamps for secure cable grip that accommodate cord diameters from ⅝" to 1-⅜" and do not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

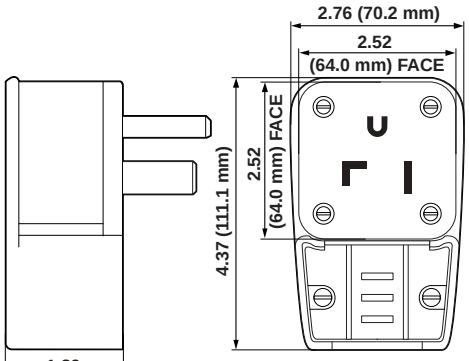
TESTING & CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

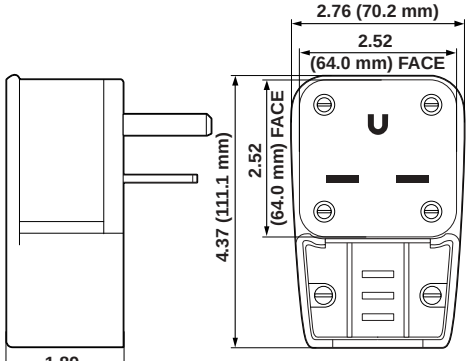
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

For more information regarding matching receptacles, refer to Receptacles, Section D.



Cat. No. 9530-P



Cat. No. 9630-P

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

50 AMP Nylon Angle Plugs

50 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9550-P	5373	5-50P

50 AMP 250V 2-Pole 3-Wire Grounding

Angle Plug	9650-P	5374 5374-IG	6-50P

50 AMP 277V 2-Pole 3-Wire Grounding

Angle Plug	9750-P	9750-A†	7-50P

50 AMP 125/250V 3-Pole 3-Wire Non-Grounding

Angle Plug	9450-P	5206†	10-50P

50 AMP 125/250V 3-Pole 4-Wire Grounding

Angle Plug	9452-P	279	14-50P

50 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8452-P	8450 8450-IG	15-50P

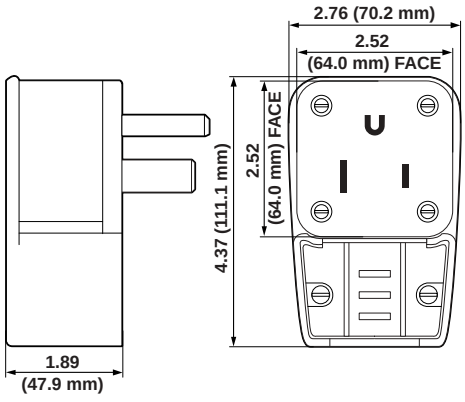
50 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug★	8352-P	8350	18-50P

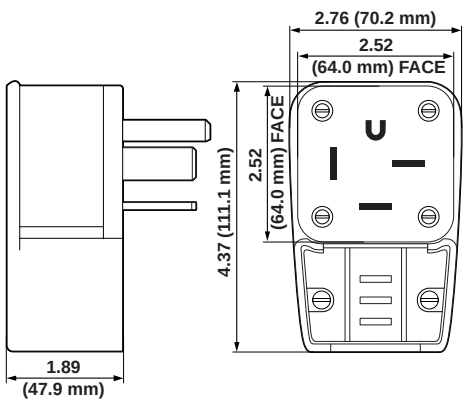
†Matching single gang wallplate: Cat. No. 84028
All devices are UL Listed. Also CSA Certified except where indicated by★

9650-P

8452-P



Cat. No. 9650-P



Cat. No. 8452-P

SPECIFICATIONS & FEATURES

- Rugged cord clamps for secure cable grip that accommodate cord diameters from ⅝" to 1⅜" and do not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

TESTING & CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

For more information regarding matching receptacles, refer to Receptacles, Section D.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

LEVITON Building a Connected World

8362-P

8462-P

60 AMP Nylon Angle Plugs

60 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	MATCHING RECEPTACLE	NEMA CONFIG.
Angle Plug	9462-P	9460 9460-IG	14-60P

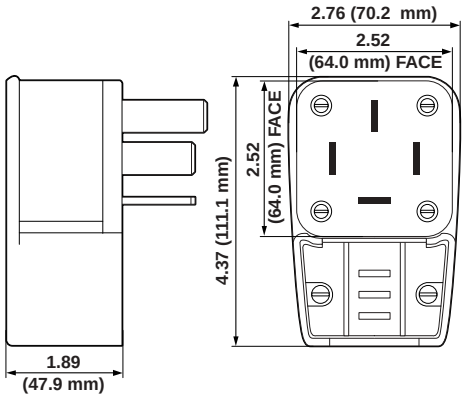
60 AMP 250V 3-Pole 4-Wire 3-Phase Grounding

Angle Plug	8462-P	8460	15-60P

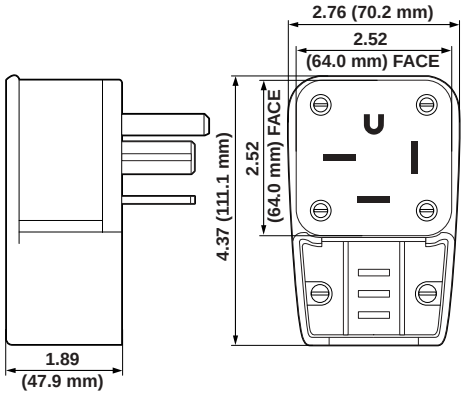
60 AMP 120/208V 4-Pole 4-Wire 3ØY Non-Grounding

Angle Plug	8362-P	8360	18-60P

All devices are UL Listed and CSA Certified.



Cat. No. 8362-P



Cat. No. 8462-P

SPECIFICATIONS & FEATURES

- Rugged cord clamps for secure cable grip that accommodate cord diameters from ⅝" to 1⅜" and do not tear conductor jacket
- Made of tough, heavy-duty nylon for long service life
- Devices feature heavy-sectioned dead-front right-angle
- Pressure-clamp terminal design
- Terminals accept up to #4AWG stranded conductors
- Four-way positioning front module
- Solid brass blades for maximum conductivity

TESTING & CODE COMPLIANCE

- UL Listed (File #13393)
- UL Test 498 (CSA 42)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

For more information regarding matching receptacles, refer to Receptacles, Section D.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

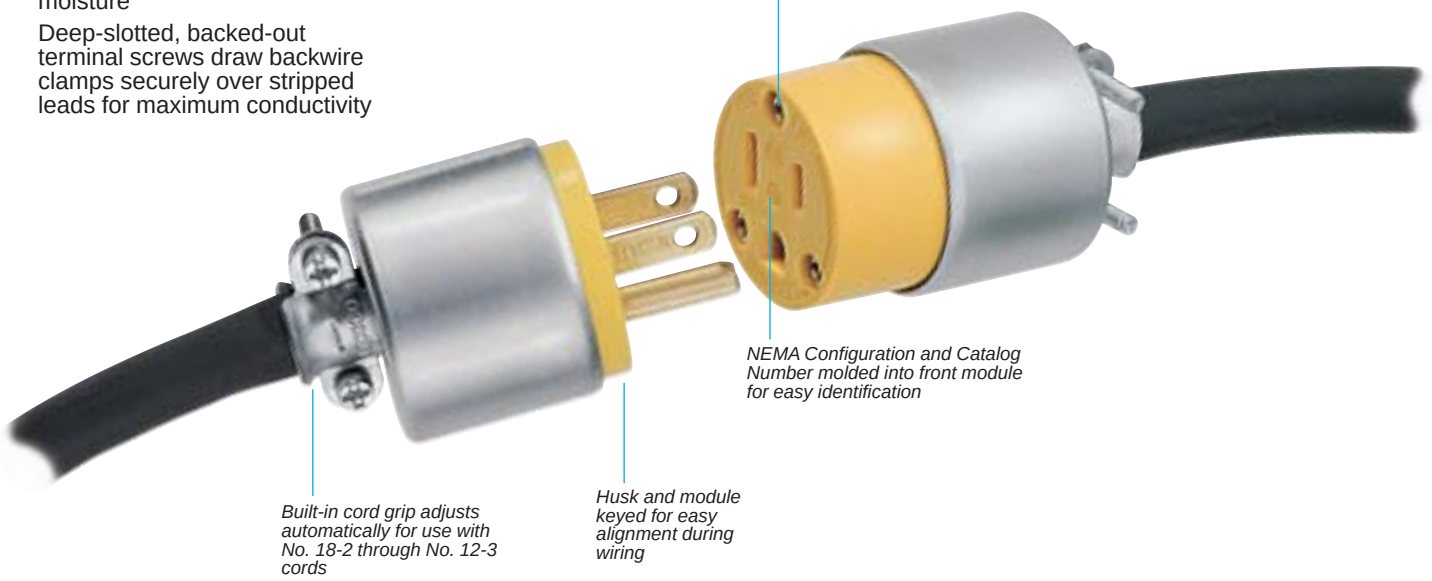
Straight Blade Plugs and Connectors

Leviton's Commercial Grade Straight Blade Plugs and Connectors are rugged performers. They are moisture, chemical and abuse- resistant. And they're ideal for indoor and outdoor use.

All of these Features and Benefits are common to 15A and 20A Commercial Grade Plugs and Connectors

EPTR rubber-backed plugs and connectors stand up to rough use, protect against dirt and moisture

Deep-slotted, backed-out terminal screws draw backwire clamps securely over stripped leads for maximum conductivity



A Comprehensive Line of Commercial Grade Plugs and Connectors

PVC Grounding Plug

Resists moisture and chemicals; suited for outdoor cords.

Cat. No. 515PV

PVC Grounding Connector

Unique dimpled body design provides secure grip; resists abuse.

Cat. No. 515CV

PVC Angle Grounding Plug

Speed-thread assembly screws tighten with just a few quick turns; impact-resistant.

Cat. No. 515AN

Armored Grounding Plug

Ideal for shops, garages and rough-duty work with hard floors.

Cat. No. 615PA

Armored Grounding Connector

Two-piece strain-relief clamp center cord for neat installation; able to take hard punishment.

Cat. No. 615CA

Rubber Grounding Connector

Provides protection against rough use, dirt, moisture and temperature extremes.

Cat. No. 515CR

Dual Power Vinyl Angle Plug

Thermoplastic body for long life; inter-changeable blade configurations.

Cat. No. 930

Motor Base Inlet

Contains heavy gauge brass blades and thermoplastic housing.

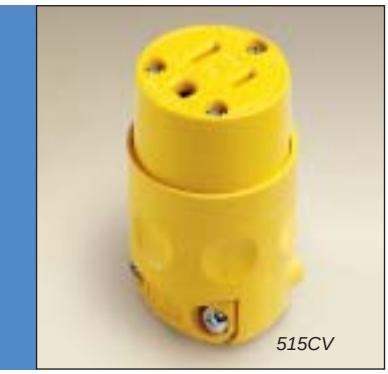
Cat. No. 5239

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

LEVITON Building a Connected World

515PV


515CV

15 AMP Plugs, Angle Plugs, Armored Plugs and Connectors

15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
PVC Grounding Plug	515PV	Yellow	.245 –.655	No.18-3 through No. 12-3 cords	NEMA 5-15P
Armored Grounding Plug	515PA	Yellow Steel Armor			
Rubber Grounding Plug	515PR	Black			
PVC Angle Grounding Plug	515AN	White			
PVC Grounding Connector	515CV	Yellow			NEMA 5-15R
Armored Grounding Connector	515CA	Yellow Steel Armor			
Rubber Grounding Connector	515CR	Black			
Motor Base Inlet	5239	Black		No. 10 Max. copper or copper clad	

15 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
PVC Grounding Plug	615PV	Yellow	.245 –.655	No.18-3 through No. 12-3 cords	NEMA 6-15P
Armored Grounding Plug	615PA	Yellow Steel Armor			
Armored Grounding Connector	615CA	Yellow Steel Armor			NEMA 6-15R
Motor Base Inlet	5240	Black		No. 10 Max. copper or copper clad	

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Triple-drive head screws — Standard, Philips, Robertson
- NEMA configuration number & rating molded on face of device for easy identification
- Rubber body is dirt and moisture resistant
- Deep-slotted, backed out terminal screws draw backwire clamps securely for maximum conductivity
- Husk & module keyed for easy alignmentduring wiring
- Built-in cord grip adjusts automatically for use with No. 18-3 through No. 12-3 cords

PVC Plugs & Connectors

- Rugged PVC body resists moisture and chemicals; suited for outdoor cords
- Unique dimpled body design provides a secure grip
- Speed-thread assembly screws tighten with just a few quick turns

Armored Plugs & Connectors

- Ideal for shops, garages and rough-duty work with hard floors
- Two piece strain-relief clamp center cord for neat installation

Rubber-Back Plugs & Connectors

- Designed to stand up to rough use
- No internal metal parts exposed
- Elastomeric husk provides added protection against dirt and moisture entry into the back wire port
- Designed to operate in the widest possible temperature range

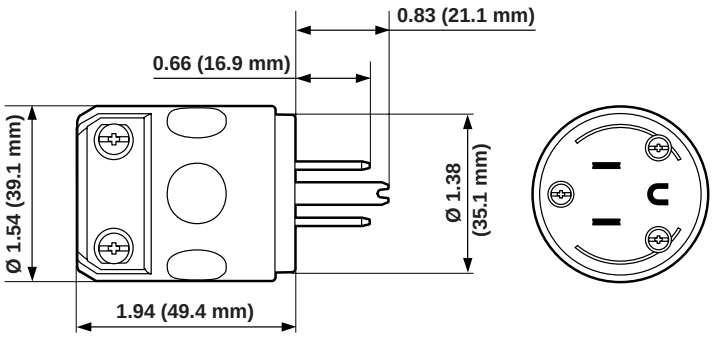
TESTING & CODE COMPLIANCE

- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

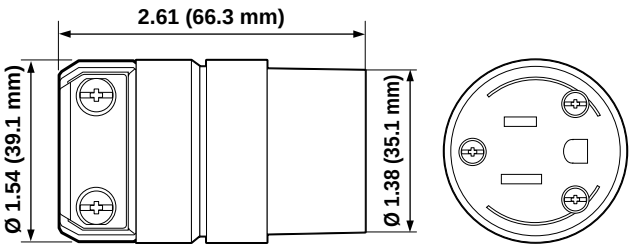
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94

Operating Temperature: -40°C to 65°C.



Cat. No. 515PV



Cat. No. 515CR

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors

20 AMP Plugs, Angle Plugs, Armored Plugs and Connectors

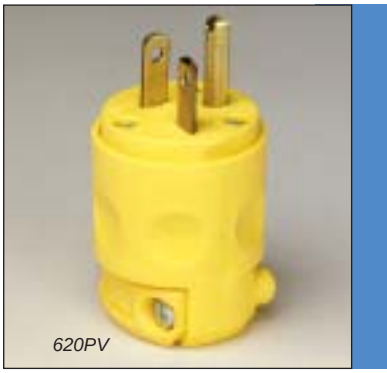
20 AMP 125V 2-Pole 3-Wire Grounding

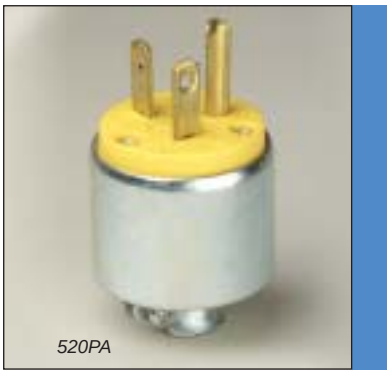
DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
PVC Grounding Plug	520PV	Yellow	.245 –.655	No.18-3 through No. 12-3 cords	NEMA 5-20P
Armored Grounding Plug	520PA	Yellow Steel Armor			
PVC Grounding Connector	520CV	Yellow			NEMA 5-20R
Armored Grounding Connector	520CA	Yellow Steel Armor			

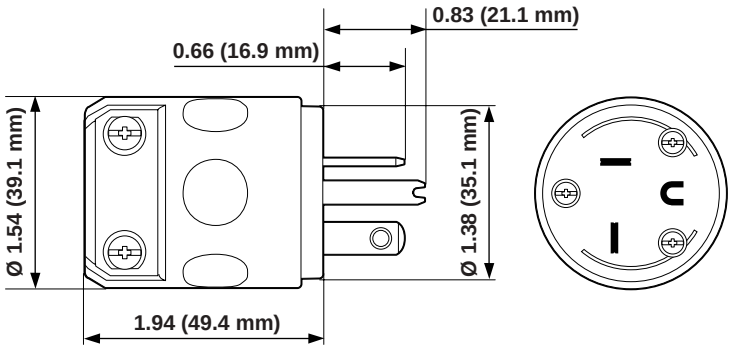
20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
PVC Grounding Plug	620PV	Yellow	.245 –.655	No.18-3 through No. 12-3 cords	NEMA 6-20P
Armored Grounding Plug	620PA	Yellow Steel Armor			
PVC Grounding Connector	620CV	Yellow			NEMA 6-20R
Armored Grounding Connector	620CA	Yellow Steel Armor			
Rubber Back Grounding Plug	620PR	Black			

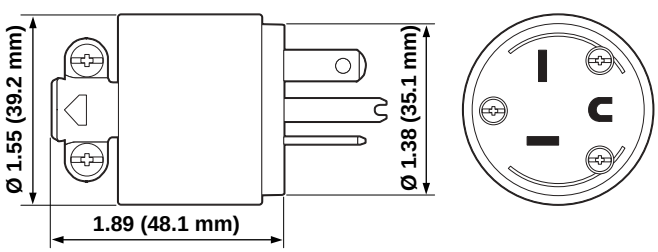
All devices are UL Listed and CSA Certified.


620PV


520PA



Cat. No. 620PV



Cat. No. 520PA

SPECIFICATIONS & FEATURES

- Triple-drive head screws — Standard, Philips, Robertson
- NEMA configuration number & rating molded on device for easy identification
- Dirt and moisture resistant
- Deep-slotted, backed out terminal screws draw backwire clamps securely for maximum conductivity
- Husk & module keyed for easy alignment during wiring
- Built-in cord grip adjusts automatically for use with No. 18-3 through No. 12-3 cords

PVC Plugs & Connectors

- Rugged PVC body resists moisture and chemicals; suited for outdoor cords
- Unique dimpled body design provides a secure grip
- Speed-thread assembly screws tighten with just a few quick turns

Armored Plugs & Connectors

- Ideal for shops, garages and rough-duty work with hard floors
- Two piece strain-relief clamp center cord for neat installation

TESTING & CODE COMPLIANCE

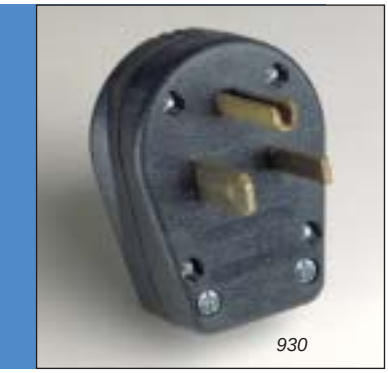
- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

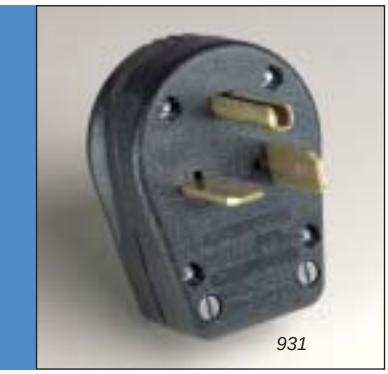
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94
Operating Temperature: -40°C to 65°C.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors


930


931

30 AMP/50 AMP Dual Power Attachment Plugs

30 AMP 125V/50 AMP 125V Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades	930	Black	.630–1.050	6 max.	5-30P 5-50P

30 AMP 250V/50 AMP 250V Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades	931	Black	.630–1.050	6 max.	6-30P 6-50P

30 AMP 125/250V/50 AMP 125/250V Non-Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades	287-T	Black	.687–1.050	6 max.	10-30P 10-50P

30 AMP 125/250V/50 AMP 125/250V Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Dual-Power Vinyl Angle Plug, Interchangeable Blades	275-T	Black	.750–1.125	6 max.	14-30P 14-50P

30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Travel Trailer Vinyl Angle Plug, for use with 7313 Receptacle	830-T	Black	.687–.875	6 max.	ANSI Std. C73.13 TT-30P

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

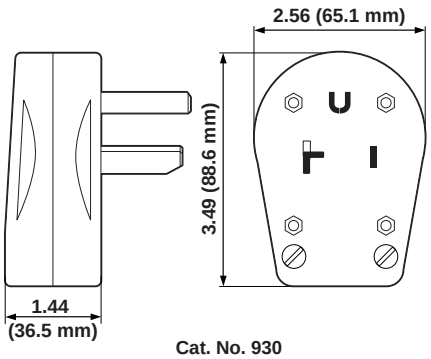
- Tough thermoplastic shell for long life
- Shell and bottom are hinged in front for ease of assembly
- Solid brass blades with color-coded terminals simplify wiring
- Each dual combination plug supplied with 30A blades and flat 50A blade
- Dead front right angle construction
- Interchangeable blades eliminate need for stocking different devices
- Built-in rejection feature prevents closure if blades are incorrectly positioned
- Versatile cord clamp suitable for use with Nos. 14, 12, 10, 8 and 6 AWG round cord and Nos. 10/3 SRDT, 8/2-10/1 SRDT and 6/2-8/1 flat wire
- Wiring stripping gauge molded into plug cover

TESTING & CODE COMPLIANCE

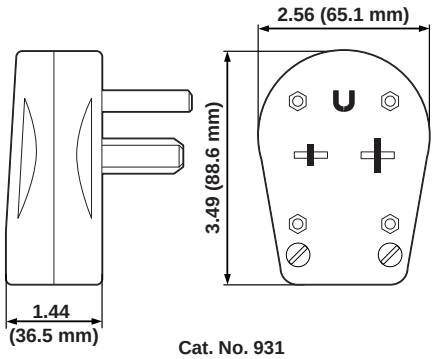
- Meet NEMA requirements
- UL Listed (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (File #057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94
Operating Temperature: -40°C to 65°C



Cat. No. 930



Cat. No. 931

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade

Straight Blade Plugs and Connectors

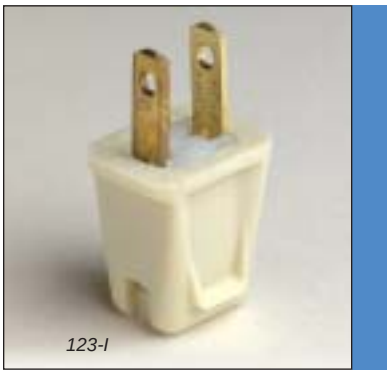
LEVITON
Building a Connected World

10 AMP and 15 AMP Parallel Plugs and Connectors

10 AMP 125V w/18-2 SPT-1 Cord
3 AMP 125V w/20-2XT Cord

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Easy Wire Plug	123 123-I 123-W	Brown Ivory White		No. 18-2SPT-1 or No. 20-2 XT Only	1-15P Non-Polarized
Same as No. 123, Polarized	123-P* 123-PI* 123-PW* 123-PE*	Brown Ivory White Black			1-15P Polarized

*Packed 500 Bulk


123-I

15 AMP 125V 2-Pole, 2-Wire

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Polarized Light Duty Clamptite Plug	101 101-W 101-E	Brown White Black	Up to .250"	No. 20, 18, 16 Flat or Round	
Note: Consult factory for availability of non-polarized version					
Polarized Light Duty Clamptite Connector	102 102-W 102-E	Brown White Black	Up to .250"	No. 20, 18, 16 Flat or Round	
Non-Polarized Heavy-Duty PVC Plug	115PV	Yellow	.245–.655"	AWG 18-2 to 12-2 cable.	
Non-Polarized Heavy-Duty TPE Rubber Plug	115PR	Black			
Non-Polarized Short Flat Vinyl Plug★	48643 48643-W 48643 E	Brown White Black	.375 max.	18–14	1-15P Polarized
Polarized Angle Vinyl Plug★	638 638-B 638-W	Black Brown White	.343 max.	16 max.	1-15R Polarized
Non-Polarized Round Vinyl Handle Plug, w/Cord Clamp★	48646	Black	.437 max.	18–14	
Non-Polarized Vinyl Connector, w/Cord Clamp★	612†	Black	.437 max.	14 max.	
Non-Polarized Round Vinyl Handle Plug, w/Spring Blades★	48642	Black	.375 max.	18–14	

*Packed 500 bulk. †Not UL Listed. For replacement use only.
All devices are UL Listed. Also CSA Certified except where indicated by★

101
102

SPECIFICATIONS & FEATURES

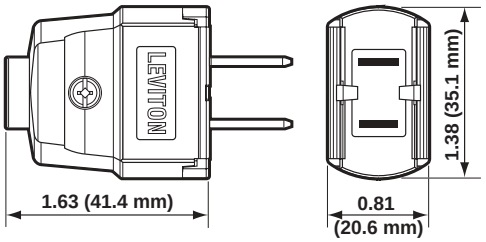
- Brass plug blades and connector contacts for maximum conductivity
- Armored devices have heavily plated steel shields and cord clamps
- Vinyl devices resist chipping, cracking, oils, grease and acids
- Rubber devices resist cold, abrasion, grease, oils, acids and impact
- Plastic devices resist grease, oils and acids

TESTING & CODE COMPLIANCE

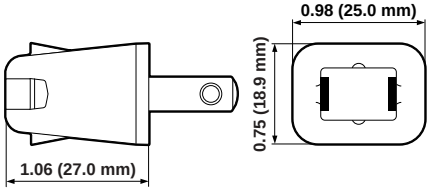
- Meet NEMA requirements (1-15P)
- UL Listed (File #E-13393)
- CSA Certified
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94
Operating Temperature: -40°C to 65°C



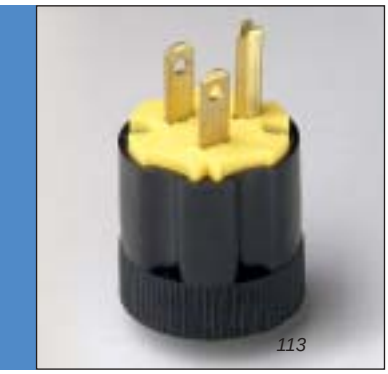
Cat. No. 101



Cat. No. 123

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Straight Blade Plugs and Connectors



15 AMP 125V 2-Pole, 3-Wire Grounding Plugs and Connectors

15 AMP 125V 2-Pole, 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Vinyl Handle Plug, w/Cord Clamp★	48648	Black	.437 max.	18-14	
Vinyl Connector, w/ Steel Cord Clamp	617	Black	.437 max.	16 max.	
Rubber Plug w/Vinyl Inner Assembly	113	Black	.396-.562	18-14	5-15P
Rubber Connector mates w/No. 113 above	114	Black	.396-.562	18-14	5-15R
Weatherproof Inlet on Flush Mount Wallplate with Aluminum Cover	4937			No. 10 max. copper or copper clad	

All devices are UL Listed. Also CSA Certified except where indicated by★

SPECIFICATIONS & FEATURES

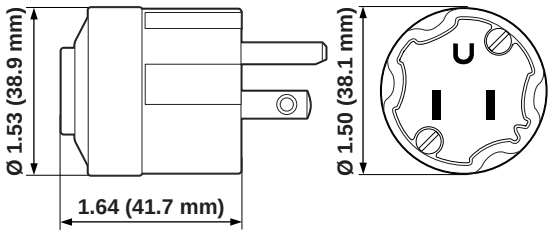
- Double wipe brass contacts for maximum conductivity and blade retention

TESTING & CODE COMPLIANCE

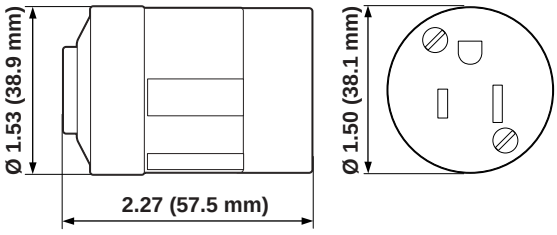
- Meet NEMA requirements
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2 per UL 94
Operating Temperature: -40°C to 65°C



Cat. No. 113



Cat. No. 114

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pin & Sleeve Devices

Series 309-1 and 309-2 IEC Configuration

Leviton's Pin & Sleeve Devices are designed for high quality distribution of electrical power in industrial facilities.

These devices are ideal where heavy electrical equipment, computers, telecommunications equipment, food processing equipment, production machinery and large staging areas, require durable, reliable power connections, despite extremely punishing conditions

Leviton's Pin & Sleeve Devices are the most advanced anywhere. They meet UL's stringent standards and have established a higher quality and safety standard for IEC 309-1 and 309-2 compliant pin and sleeve devices worldwide.

Plugs, connectors and inlets listed to UL File #E-164322. Receptacles listed to UL File #E-164321. All devices listed to CSA File #LR-700925.

NORTH AMERICAN WATERTIGHT PIN & SLEEVE DEVICES
Overview ____ I1, I2
20 & 30 Amp Devices ____ I3
60 & 100 Amp Devices ____ I4
Dimensions ____ I5, I6
Specifications ____ I7, I8
POWERSWITCH™ by Leviton NORTH AMERICAN WATERTIGHT MECHANICAL INTERLOCKS
Overview ____ I9, I10
20 & 30 Amp Devices ____ I11
60 & 100 Amp Devices ____ I12
Dimensions ____ I13
Specifications ____ I14
INTERNATIONAL-RATED PIN & SLEEVE DEVICES
16, 32, 63 & 125 Amp Devices ____ I15
Specifications ____ I16
Dimensions ____ I17–I19
PIN & SLEEVE PRODUCTS
Back Boxes ____ I20
Accessories ____ I21
Making the Right Connection: Color Code and Clock Position ____ I22
Leviton Catalog Numbering System ____ I22
POWERSWITCH™ by Leviton WATERTIGHT SAFETY DISCONNECT SWITCHES
Overview ____ I23
30, 60 & 100 Amp Devices ____ I24
Specifications ____ I25
Dimensions ____ I26
Accessories ____ I27

SECTION I

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

2 YEAR LIMITED WARRANTY

The Watertight Line: North American-Rated Devices

Superior Connection…Superior Protection

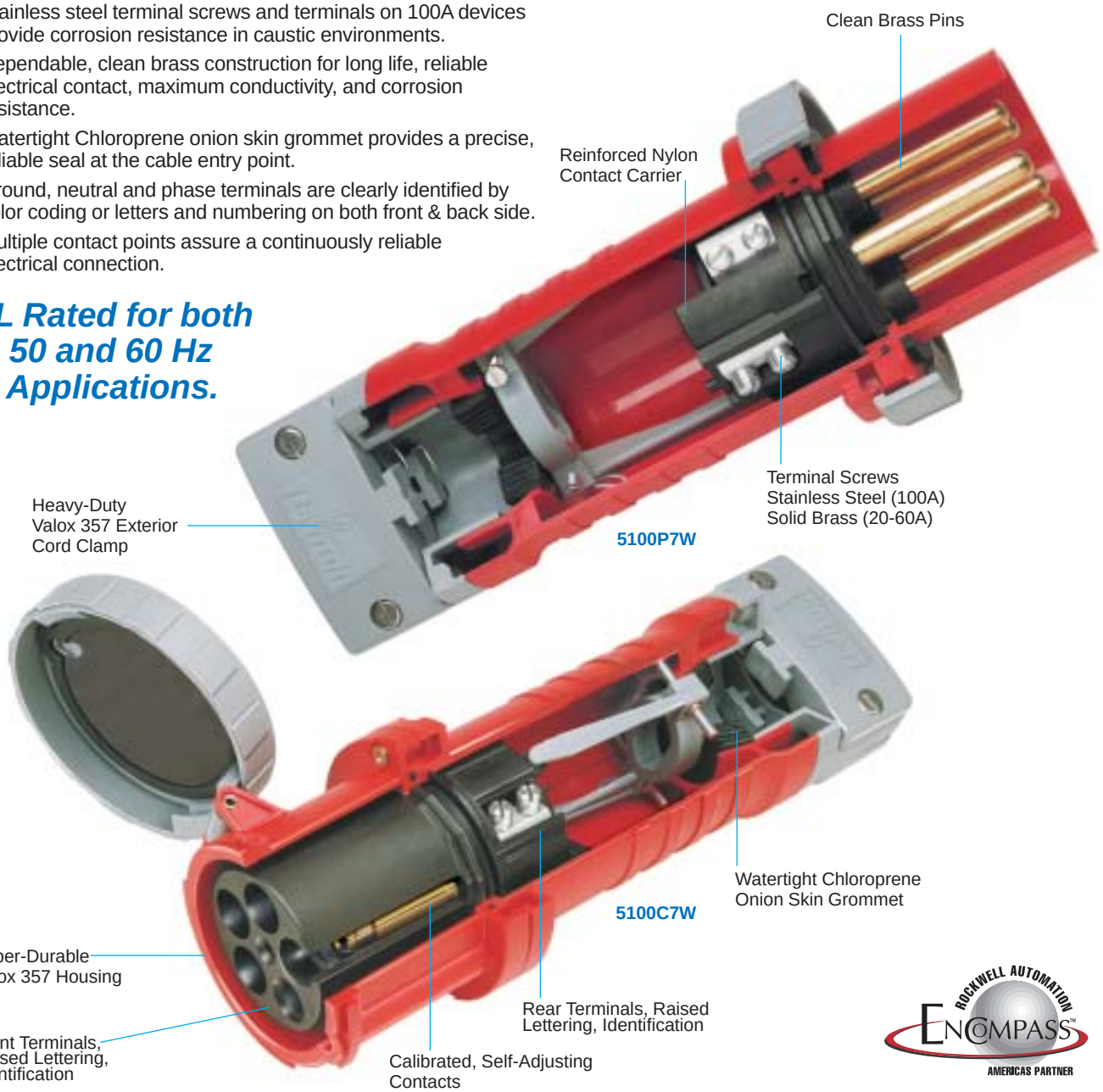
Features and Benefits

- Rugged housing, made of superior performance Valox 357, provides maximum corrosion protection and makes the device resistant to impact and abuse; greater resistance to temperature extremes, V-0 flame rated and superior UV stability.
- Contact carrier resists arcing and internal heat build-up; 60 and 100 amp contact/pin carriers are made of reinforced nylon for even greater strength and temperature resistance.
- Solid brass terminal screws on 20A,30A & 60A devices provide maximum clamping pressure.
- Stainless steel terminal screws and terminals on 100A devices provide corrosion resistance in caustic environments.
- Dependable, clean brass construction for long life, reliable electrical contact, maximum conductivity, and corrosion resistance.
- Watertight Chloroprene onion skin grommet provides a precise, reliable seal at the cable entry point.
- Ground, neutral and phase terminals are clearly identified by color coding or letters and numbering on both front & back side.
- Multiple contact points assure a continuously reliable electrical connection.

Accepts liquid-tight conduit with adapter accessory—See page I21

Engineered to IP67 Watertight Standards
North American Rated Devices 20, 30, 60 & 100 Amp

UL Rated for both 50 and 60 Hz Applications.



ROCKWELL AUTOMATION ENCOMPASS™ AMERICAS PARTNER

Valox® is a registered trademark of GE.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

Super Tough Housing

- Provides maximum protection from abuse and environment
- Heavy-wall molding of Valox 357 resists impact, heat, flame and chemicals
- Superior performance in low-to-high ambient temperature extremes (-40˚C to 60˚C)
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating
- Fully insulated
- Color-coded by voltage for easy identification

Pin & Contact Carrier 60 & 100 Amp

- Protects pins & contacts, holding them firmly in place
- Pin Carrier and Contact Carrier constructed of glass fiber reinforced nylon for maximum impact resistance and maximum protection of pins and contacts
- Superior arc-tracking resistance
- Excellent heat-resistance and flame-resistance
- Chamfered wire entry makes wiring easier

External Cord Clamp

- Protects terminals from strain
- Accommodates a wide variety of cord sizes
- Excellent impact strength
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating

Pin & Contact Carrier 20 & 30 Amp

- Pin Carrier and Contact Carrier constructed of nylon for maximum impact resistance and maximum protection of pins and contacts
- Terminal screws are aligned on a single plane for easier access
- Internal hinged cord clamp adds strain-relief and swings aside when wiring terminals
- Large diameter combination head terminal screws

Internal Cord Clamp

- Secondary method for eliminating strain on terminals and conductors
- True IEC 309-1 & 309-2 acceptance
- Constructed of sturdy thermoplastic for tough environments
- Removes easily for user convenience

Pins

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Rounded tips reduce insertion force and decrease wear on the contact surface area

Spring Loaded Cover, Cover Arm, & Locking Rings

- Rings lock plug to connector
- Spring loaded cover closes automatically
- "Performance grade" Stainless Steel cover spring for superior corrosion-resistance and long life
- Excellent UV stability for outdoor use
- V-0 flammability rating
- Interior arm design in 60 and 100 amp helps eliminate breakage

Sleeves (Contacts)

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Self-adjusting, machine-calibrated contacts for accurate contact pressure designed for superior wiping and cleaning action
- Made from high performance Swedish Industrial Standard (SIS) Brass 5170-04
- Positioned at sleeve entrance, stainless steel spring enables pin cleaning at earliest point of entry

Gasket/Grommet

- Prevents moisture, dust, and contaminants from entering housing or pin/contact carrier
- Solid Chloroprene for positive seal and excellent chemical/corrosion-resistance
- Onion skin design on grommet provides precise watertight fit, eliminating the needto choose from multiple grommets that may not fit the cable jacket precisely

Terminal Screws

- Engineered to provide maximum holding power and lowest electrical resistance
- Accepts a wide range of conductors
- Double screws ensure secure connection
- Direct bearing pressure terminals for 20, 30 and 60 Amp ratings; pressure clamptermination for 100 Amp devices
- Stainless steel terminal screws and terminals for top performance on 100 Amp

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

320P4W

320C4W

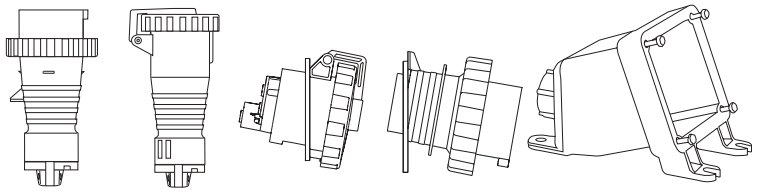
Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

North American Devices, IEC 309-1 & 309-2

WATERTIGHT

PLUG CONNECTOR RECEPTACLE INLET BACK BOX



AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
20	2p3w	125			320P4W	320C4W	320R4W	320B4W	BX230-V
	2p3w	250			320P6W	320C6W	320R6W	320B6W	BX230-V
	2p3w	480			320P7W	320C7W	320R7W	320B7W	BX230-V
	3p4w	125/250			420P12W	420C12W	420R12W	420B12W	BX230-V
	3p4w	3Ø250			420P9W	420C9W	420R9W	420B9W	BX230-V
	3p4w	3Ø480			420P7W	420C7W	420R7W	420B7W	BX230-V
	3p4w	3Ø600			420P5W	420C5W	420R5W	420B5W	BX230-V
	4p5w	3ØY120/208			520P9W	520C9W	520R9W	520B9W	BX230-V
	4p5w	3ØY277/480			520P7W	520C7W	520R7W	520B7W	BX230-V
	4p5w	3ØY347/600			520P5W	520C5W	520R5W	520B5W	BX230-V
30	2p3w	125			330P4W	330C4W	330R4W	330B4W	BX230-V
	2p3w	250			330P6W	330C6W	330R6W	330B6W	BX230-V
	2p3w	480			330P7W	330C7W	330R7W	330B7W	BX230-V
	3p4w	125/250			430P12W	430C12W	430R12W	430B12W	BX230-V
	3p4w	3Ø250			430P9W	430C9W	430R9W	430B9W	BX230-V
	3p4w	3Ø480			430P7W	430C7W	430R7W	430B7W	BX230-V
	3p4w	3Ø600			430P5W	430C5W	430R5W	430B5W	BX230-V
	4p5w	3ØY120/208			530P9W	530C9W	530R9W	530B9W	BX230-V
	4p5w	3ØY277/480			530P7W	530C7W	530R7W	530B7W	BX230-V
	4p5w	3ØY347/600			530P5W	530C5W	530R5W	530B5W	BX230-V

Additional information for Back Boxes and Accessories can be found on pages I 20 & I 21.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

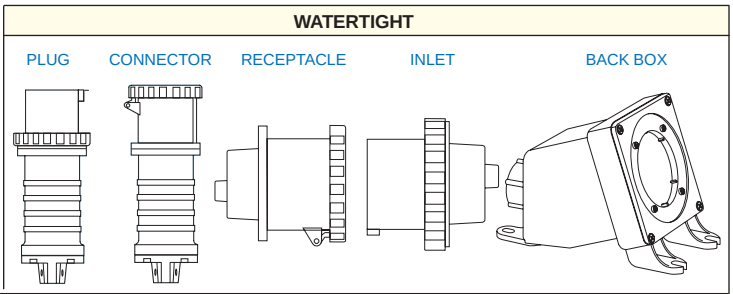
360B7W

360R6W

4100P12W

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY



North American Devices, IEC 309-1 & 309-2

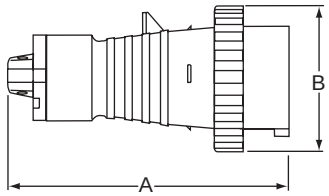
AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
60	2p3w	125			360P4W	360C4W	360R4W	360B4W	BX60-V
	2p3w	250			360P6W	360C6W	360R6W	360B6W	BX60-V
	2p3w	480			360P7W	360C7W	360R7W	360B7W	BX60-V
	3p4w	125/250			460P12W	460C12W	460R12W	460B12W	BX60-V
	3p4w	3Ø250			460P9W	460C9W	460R9W	460B9W	BX60-V
	3p4w	3Ø480			460P7W	460C7W	460R7W	460B7W	BX60-V
	3p4w	3Ø600			460P5W	460C5W	460R5W	460B5W	BX60-V
	4p5w	3ØY120/208			560P9W	560C9W	560R9W	560B9W	BX60-V
	4p5w	3ØY277/480			560P7W	560C7W	560R7W	560B7W	BX60-V
	4p5w	3ØY347/600			560P5W	560C5W	560R5W	560B5W	BX60-V
100	2p3w	125			3100P4W	3100C4W	3100R4W	3100B4W	BX100-V
	2p3w	250			3100P6W	3100C6W	3100R6W	3100B6W	BX100-V
	2p3w	480			3100P7W	3100C7W	3100R7W	3100B7W	BX100-V
	3p4w	125/250			4100P12W	4100C12W	4100R12W	4100B12W	BX100-V
	3p4w	3Ø250			4100P9W	4100C9W	4100R9W	4100B9W	BX100-V
	3p4w	3Ø480			4100P7W	4100C7W	4100R7W	4100B7W	BX100-V
	3p4w	3Ø600			4100P5W	4100C5W	4100R5W	4100B5W	BX100-V
	4p5w	3ØY120/208			5100P9W	5100C9W	5100R9W	5100B9W	BX100-V
	4p5w	3ØY277/480			5100P7W	5100C7W	5100R7W	5100B7W	BX100-V
	4p5w	3ØY347/600			5100P5W	5100C5W	5100R5W	5100B5W	BX100-V

Additional information for Back Boxes and Accessories can be found on pages I20 & I21.

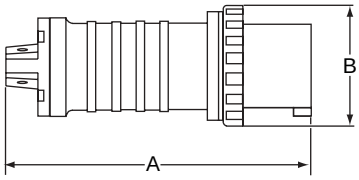
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY



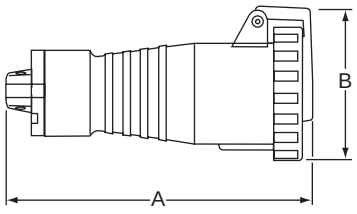
20A, 30A PLUG



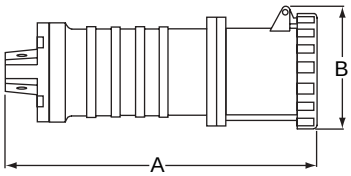
60A, 100A PLUG

Plug Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320P	20	inch	5.83	2.80	.350 –.860
		mm	148	71	9 – 22
420P	20	inch	6.46	3.11	.350 –.860
		mm	164	79	9 – 22
520P	20	inch	6.61	3.43	.437 –1.187
		mm	168	87	11 – 30
330P	30	inch	6.85	3.70	.437 –1.187
		mm	174	94	11 – 30
430P	30	inch	6.85	3.70	.437 –1.187
		mm	174	94	11 – 30
530P	30	inch	7.40	3.98	.437 –1.450
		mm	188	101	11 – 37
360P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
460P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
560P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
3100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48
4100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48
5100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48



20A, 30A CONNECTOR



60A, 100A CONNECTOR

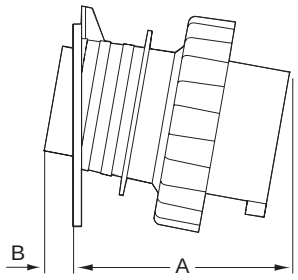
Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320C	20	inch	6.73	3.19	.350 –.860
		mm	171	81	9 – 22
420C	20	inch	7.36	3.46	.350 – .860
		mm	187	88	9 – 22
520C	20	inch	7.95	3.82	.437 –1.187
		mm	202	97	11 – 30
330C	30	inch	7.95	4.02	.437 –1.187
		mm	202	102	11 – 30
430C	30	inch	7.95	4.02	.437 –1.187
		mm	202	102	11 – 30
530C	30	inch	8.27	4.29	.437 –1.450
		mm	210	109	11 – 37
360C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
460C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
560C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
3100C	100	inch	12.8	4.84	.950 –1.875
		mm	325	123	24 – 48
4100C	100	inch	12.8	4.84	.950 – 1.875
		mm	325	123	24 – 48
5100C	100	inch	12.8	4.84	.950 –1.875
		mm	325	123	24 – 48

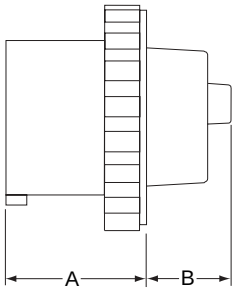
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

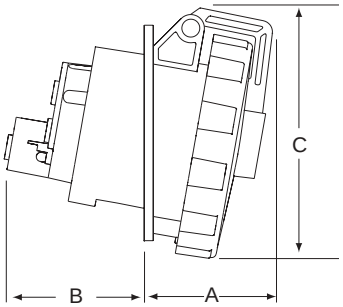
2 YEAR LIMITED WARRANTY



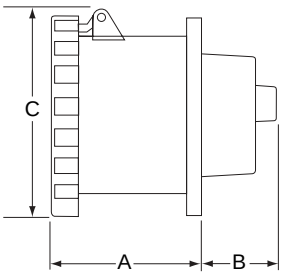
20A, 30A INLET



60A, 100A INLET



20A, 30A RECEPTACLE



60A, 100A RECEPTACLE

Inlet Dimensions

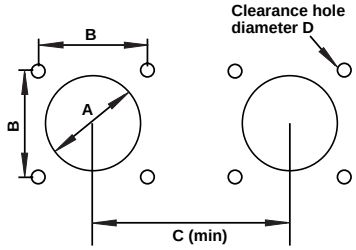
CATALOG NO.	AMPS	UNIT	A	B
320B	20	inch	1.85	0.39
		mm	47	10
420B	20	inch	2.09	0.39
		mm	53	10
520B	20	inch	2.32	0.39
		mm	59	10
330B	30	inch	2.36	0.47
		mm	60	12
430B	30	inch	2.36	0.47
		mm	60	12
530B	30	inch	2.64	.47
		mm	67	12
360B	60	inch	3.15	1.97
		mm	80	50
460B	60	inch	3.15	1.97
		mm	80	50
560B	60	inch	3.15	1.97
		mm	80	50
3100B	100	inch	3.50	2.21
		mm	89	56
4100B	100	inch	3.50	2.21
		mm	89	56
5100B	100	inch	3.50	2.21
		mm	89	56

Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
320R	20	inch	1.77	2.24	3.74
		mm	45	57	95
420R	20	inch	1.77	2.24	3.74
		mm	45	57	95
520R	20	inch	1.85	2.24	3.90
		mm	47	57	99
330R	30	inch	2.20	2.40	4.10
		mm	56	61	104
430R	30	inch	2.20	2.40	4.10
		mm	56	61	104
530R	30	inch	2.20	2.44	4.37
		mm	56	62	111
360R	60	inch	3.50	1.89	4.37
		mm	89	48	111
460R	60	inch	3.50	1.89	4.37
		mm	89	48	111
560R	60	inch	3.50	1.89	4.37
		mm	89	48	111
3100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
4100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
5100R	100	inch	3.94	2.28	4.80
		mm	100	58	122

Drilling Plan

Inlets & Receptacles



DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
20A; 3-wire:	Receptacle	3.26	83	3.12	79.5	3.94	100	0.185	4.7
	Inlet	3.26	83	3.12	79.5	3.94	100	0.185	4.7
20A; 4-wire:	Receptacle	3.26	83	3.12	79.5	4.33	110	0.185	4.7
	Inlet	3.26	83	3.12	79.5	4.33	110	0.185	4.7
20A;5-wire:	Receptacle	3.26	83	3.12	79.5	4.92	125	0.236	6.0
	Inlet	3.26	83	3.12	79.5	4.92	125	0.185	4.7
30A;3-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A;4-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A;5-wire:	Receptacle	3.26	83	3.12	79.5	5.71	145	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.71	145	0.185	4.7
60A	All	2.76	70	2.40	61	6.69	170	0.224	5.7
100A	All	3.47	88	2.80	71	7.87	200	0.280	7.1

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards

ROCKWELL AUTOMATION ENCOMPASS AMERICAS PARTNER

- Listed to UL 1682 and 1686
- Certified to CSA Standard C22.2 number 182.1
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated and International-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

4100P12W

4100C12W

Material Specifications

Inlets

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Mounting Flange	Valox 357
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Sealing Gasket	Solid Chloroprene

Connectors

PART	MATERIAL
Housing	Valox 357
Internal Cord Clamp Asmbly	Thermoplastic
External Cord Clamp Asmbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Sleeve	Brass
Sleeve Spring	Stainless Steel
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel

Plugs

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Sealing Gasket	Solid Chloroprene
Internal Cord Clamp Asmbly	Thermoplastic
External Cord Clamp Asmbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Ground, Phase Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel

Receptacles

PART	MATERIAL
Housing	Valox 357
Mounting Flange	Valox 357
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Phase, Ground Sleeves	Brass
Sleeve Spring	Stainless Steel

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS				
Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles				
UL 1682 & 1686	CSA C22.2 No. 182.1	NOM	CE	IEC 309-1 & 309-2
E164321 & E164322	LR700925	✔	✔	✔

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Pin & Sleeve Devices

460P7W 460C12W

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

Performance Specifications – UL 1682 & 1686

Electrical

Dielectric Voltage	Devices rated≤ 300V: 2000V for 1 min. Devices rated >300V: 3000V for 1 min.
Insulation Resistance	500 V for 1 min. Insulation Resistance ≥ 5 megohms
Ground Path Current	Apply high current for short time (See Table 1) and maintain continuity
Overload	150% of rated current and 100% of rated voltage for 50 cycles (Power factor 0.75–0.80)
Current Interrupting	Certified for current interrupting at full-rated current and voltage
Temperature Rise	Max 30°C rise at full rated current (after overload)
Resistance to Arcing	Continuation of overload for additional 200 cycles
Endurance with Load	Device # Cycles with Load 20A 5000 Rated Current,Voltage 30A,60A 1000 Rated Current,Voltage 100A 250 Rated Current,Voltage (Power Factor 0.75 - 0.80)

Mechanical

Mold Stress Relief	70°C for 7 hrs
Humidity	32°C, 93% humidity, 168 hrs
Cable Secureness	Pull force and apply torque for 1 minute (See Table 2)
Impact	Drop from 30" 8 times after conditioning to -25°C, for 6 hrs
Crush	250 lbs for 1 min after -25°C for 6 hrs
Withdrawal Force	Pull for one minute (See Table 3)
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Endurance	Device Total # Cycles (connect & disconnect) 20A 5000 30A,60A 2000 100A 500
Polarization Integrity	Matching devices will not mate so that ground is energized even when polarization feature is removed and 40-lb insertion force applied

Environmental

Flammability	V2 or better on 20 and 30 amp devices per UL 94 or CSA 22.2 No 0.6 ; V-0 on 60 & 100 amp devices
Resistance to Corrosion	Ferrous parts immersed in 10% ammonium chloride solution at 20°C for 10 minutes
Moisture Resistance per UL 1682	Watertight: Device immersed for 24 hrs in 5 cm of 25°C water Splashproof: 1" dia. water stream at 15 PSI from 10 ft. for 5 minutes
UV Resistance	Exposed plastic materials are UV stabilized

Short-Time Grounding Test Currents

Device Rating, Amperes	Minimum Size Equipment Grounding Conductor (Copper) AWG	(mm2)	Time, Seconds	Test Current, Amperes
20	12	(3.3)	4	470
30	10	(5.3)	4	750
60	10	(5.3)	4	750
100	8	(8.4)	4	1180

Ground-path integrity is of critical importance to safe operation of industrial equipment. Leviton pin and sleeve devices are tested by applying a test current through their ground path that far exceeds the device rating. All devices are properly wired and connected to line current at rated values. Then the ground path is subjected to a dramatic, sudden increase in current for 4 seconds. In all cases, the ground pin, sleeve, and terminals of the devices must sustain the test current, continue to function properly, and show no evidence of damage or deterioration in any electrical or mechanical elements of the ground path. Test current values and test parameters are displayed in the above chart.

Cord Secureness Test Values

Device Rating, Amperes	Force lb	N	Torque ft-lb	N•M	Maximum Displacement inches	mm
20	30	133	0.4	0.54	≤ 3/32	2.38
30	75	333	0.5	0.68	≤ 3/32	2.38
60	150	667	1.0	1.4	≤ 3/32	2.38
100	150	667	2.0	2.7	≤ 3/32	2.38

Heavy cord stress is typical of industrial applications. To assure you of top performance, Leviton pin and sleeve devices are subjected to a punishing series of tests to confirm they can absorb heavy cord pulls. The cord conductors wired to devices are simultaneously twisted and pulled. Values for the applied twisting torque and force of pull are shown above. In all cases, the cord displacement is less than 3/32 inches.

Minimum Withdrawal Force

Device Rating, Amperes	Minimum Withdrawal Force lb	N
20	5	22
30	6	27
60	15	67
100	20	89

In industrial settings, inadvertent disconnection of power can be troublesome at best, dangerous at worst, and unacceptable in any case. To verify that Leviton pin and sleeve plugs and connectors remain securely connected, they are tested to establish the minimum force required for withdrawal. In establishing these minimum withdrawal forces, the plugs and connectors are properly mated, but not locked with locking rings or other mechanical means. The pins and sleeves provide the only resistance to the force of withdrawal. In all cases, the values in the table above show the minimum force required to separate the plugs and connectors.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Mechanical Interlocks

IEC 309-1 & 309-2

Type 3R, 4X and 12K
IP67

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

PowerSwitch™ by Leviton

560MI7W
60 Amp

Fused Models Accept "Class J" Time-Delay Fuses

420MI9W
20 Amp

420MF9W
20 Amp, Fused

PowerSwitch Mechanical Interlocks

- **20 Amp Non-Fused & Fused**
- **30 Amp Non-Fused & Fused**
- **60 Amp Non-Fused & Fused**
- **100 Amp Non-Fused**

PowerSwitch Mechanical Interlock devices incorporate a disconnect safety switch and IEC receptacle in a non-metallic watertight enclosure. The interlock mechanism prevents making and breaking of power under load. "The switch cannot be actuated to the **ON** position until an IEC compatible plug is fully inserted, and the plug cannot be removed until the switch is in the **OFF** position."

The complete IEC 309-1 and 309-2 system of plugs, connectors, inlets and mechanical interlock devices can be used for both retrofit and new installations enhancing safety and performance in critical power connections.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Mechanical Interlocks

2 YEAR LIMITED WARRANTY

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 20-30 Amp –1"
- 60 Amp – 1-1/2"
- 100 Amp – 2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact, UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
- IP67

Fused Models Accept "Class J" Time-Delay Fuses

420MF9W

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

Handle with padlock installed

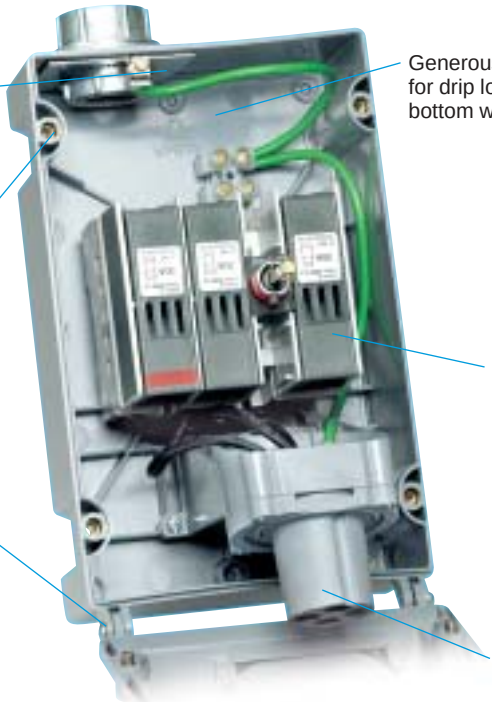
Circuit identification pad for means of identifying specific equipment loads

Color-coded receptacle cover indicates voltage rating of device and seals against water and other contaminants when not in use

Pre-wired grounding plate connects to metal conduit grounding system

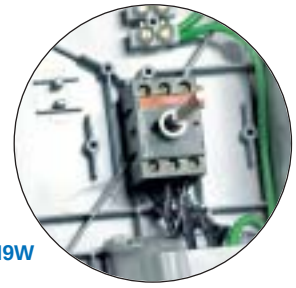
Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance



420MF9W

Generous wiring space for drip loop or top to bottom wiring



420MI9W

Compact non-fused mechanical interlocks are easy to wire

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- One factory installed auxiliary contact (normally opened – 10 Amp). Additional auxiliary contact available (normally closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks

Pre-wired IEC receptacle accepts all manufacturer's IEC 309-2 plugs

PowerSwitch™ by Leviton

STANDARDS & CERTIFICATIONS						
Mechanical Interlocks						
UL 231 & UL1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No. 182.1 & 14	NOM	CE	IEC 309-1 & 309-2
E171391			LR700925	✔	✔	✔

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Mechanical Interlocks

Non-Fused & Fused

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

PowerSwitch™ by Leviton

420MF9W

Fused Models Accept "Class J" Time-Delay Fuses

Type 3R, 4X & 12K
IP67

					NON-FUSED		FUSED		
AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	MECHANICAL INTERLOCK	HP RATING	MECHANICAL INTERLOCK	HP RATING	USE PLUG CAT. NO.
20	2p3w	240			320MI6W	3	–	–	320P6W
	2p3w	480			320MI7W	5	–	–	320P7W
	3p4w	125/250			420MI12W	*	420MF12W	*	420P12W
	3p4w	3Ø240			420MI9W	5	420MF9W	5	420P9W
	3p4w	3Ø480			420MI7W	10	420MF7W	10	420P7W
	3p4w	3Ø600			420MI5W	15	420MF5W	15	420P5W
	4p5w	3ØY120/208			520MI9W	5	–	–	520P9W
	4p5w	3ØY277/480			520MI7W	10	–	–	520P7W
	4p5w	3ØY347/600			520MI5W	15	–	–	520P5W
30	2p3w	240			330MI6W	5	–	–	330P6W
	2p3w	480			330MI7W	10	–	–	330P7W
	3p4w	125/250			430MI12W	*	430MF12W	*	430P12W
	3p4w	3Ø240			430MI9W	10	430MF9W	7.5	430P9W
	3p4w	3Ø480			430MI7W	20	430MF7W	15	430P7W
	3p4w	3Ø600			430MI5W	25	430MF5W	20	430P5W
	4p5w	3ØY120/208			530MI9W	10	–	–	530P9W
	4p5w	3ØY277/480			530MI7W	20	530MF7W	15	530P7W
	4p5w	3ØY347/600			530MI5W	25	530MF5W	20	530P5W

* Consult factory for your specific application.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Mechanical Interlocks

Non-Fused & Fused

PowerSwitch™ by Leviton

560MI7W

Fused Models Accept "Class J" Time-Delay Fuses

Engineered to IP67 Watertight Standards

2 YEAR LIMITED WARRANTY

Type 3R, 4X & 12K IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED MECHANICAL INTERLOCK	NON-FUSED HP RATING	FUSED MECHANICAL INTERLOCK	FUSED HP RATING	USE PLUG CAT. NO.
60	2p3w	240			360MI6W	10	360MF6W	*	360P6W
	2p3w	480			360MI7W	20	–	–	360P7W
	3p4w	125/250			460MI12W	*	460MF12W	*	460P12W
	3p4w	3Ø240			460MI9W	20	460MF9W	15	460P9W
	3p4w	3Ø480			460MI7W	40	460MF7W	30	460P7W
	3p4w	3Ø600			460MI5W	40	460MF5W	50	460P5W
	4p5w	3ØY120/208			560MI9W	20	560MF9W	15	560P9W
	4p5w	3ØY277/480			560MI7W	40	–	–	560P7W
	4p5w	3ØY347/600			560MI5W	40	–	–	560P5W

Type 3R, 4X & 12K IP67

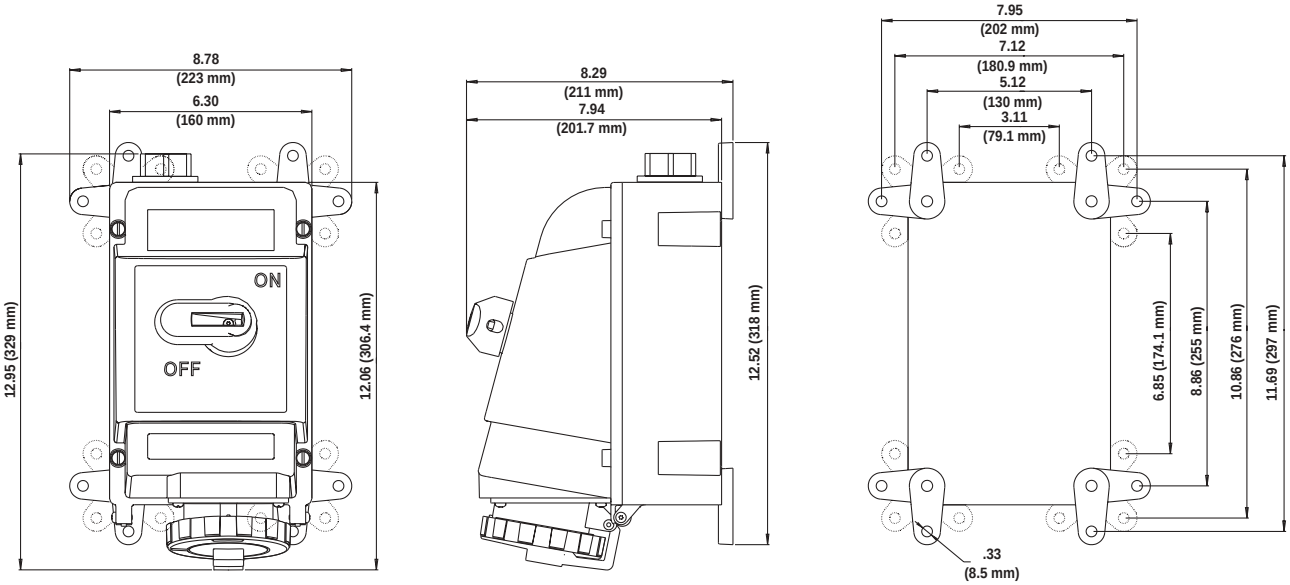
AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED MECHANICAL INTERLOCK	HORSEPOWER RATING	USE PLUG CAT. NO.
100	2p3w	125			3100MI4W	5	3100P4W
	2p3w	240			3100MI6W	15	3100P6W
	2p3w	480			3100MI7W	25	3100P7W
	3p4w	125/250			4100MI12W	*	4100P12W
	3p4w	3Ø240			4100MI9W	30	4100P9W
	3p4w	3Ø480			4100MI7W	50	4100P7W
	3p4w	3Ø600			4100MI5W	50	4100P5W
	4p5w	3ØY120/208			5100MI9W	25	5100P9W
	4p5w	3ØY277/480			5100MI7W	50	5100P7W
	4p5w	3ØY347/600			5100MI5W	50	5100P5W

* Consult factory for your specific application.

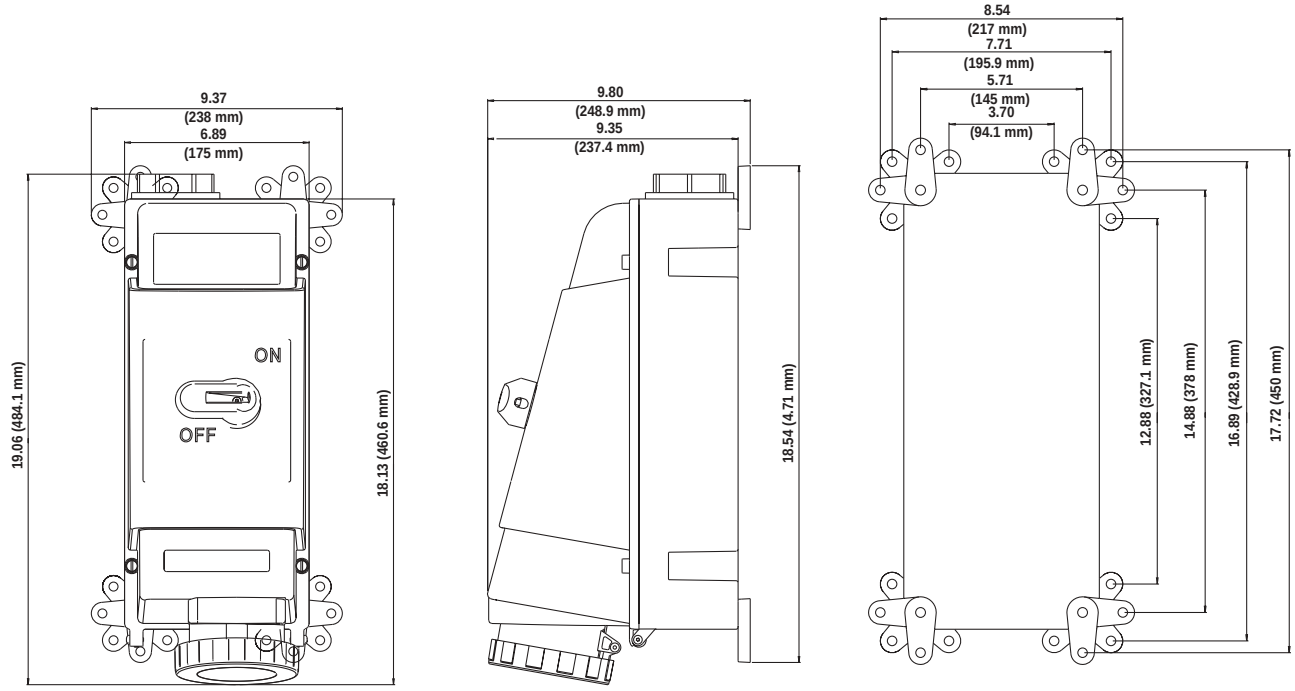
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

North American Watertight Mechanical Interlocks

2 YEAR LIMITED WARRANTY



20 AMP & 30 AMP FUSED & 60 AMP NON-FUSED



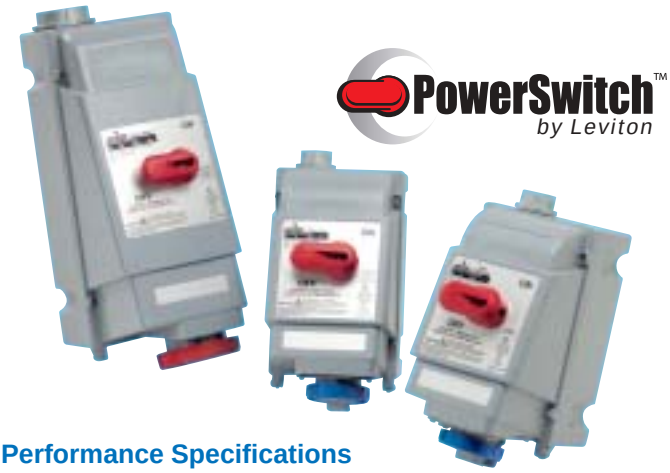
60 AMP FUSED & 100 AMP NON-FUSED

North American Watertight Mechanical Interlocks

20, 30, 60 & 100A

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards



- Enclosures are rated Type 3R, 4X & 12K, IP67
- Listed to UL 231 and 1686
- Certified to CSA Standard C22.2 number 182.1& 14
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC
- Switches are listed to UL 508 for Non-Fused and UL98 for Fused models (including 100 Amp Non-Fused)

Material Specifications

20 and 30 Amp Devices

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Cover with Arm	Valox 357
Locking Ring	Valox 357
Cover Arm Eyelet	Nickel-Plated Brass
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Actuator Shaft	Valox 357
Locking Mechanism	Zinc-Coated Steel
Contact Carrier	Nylon
Phase and Ground Sleeves	Brass
Ground Contact	Brass
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub (1")	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel

Additional Components for 60 Amp Devices

PART	MATERIAL
Ground Bus	Brass
Neutral Bus	Brass
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (1½")	Die-Cast Zinc
Locking Mechanism	Valox 357

Additional Components for 100 Amp Devices

PART	MATERIAL
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon
Terminal Shaft Key	Die-Cast Aluminum
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (2")	Die-Cast Zinc
Switch	Reinforced Nylon
Locking Mechanism	Valox 357

Valox® is a registered trademark of GE.

Performance Specifications

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	20A	40 A	2 min
	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting		Certified for current interrupting at full-rated current and voltage	
Endurance (Power factor 0.75 – 0.80)		6000 operations at rated current and voltage	
Dielectric		1000 V plus twice rated voltage for 1 minute	

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test push	Remains in place with 20 lb
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 min.
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature (-40°F to +140°F)	-40°C to +60°C

STANDARDS & CERTIFICATIONS						
Mechanical Interlocks						
UL231 & UL1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2	NOM	CE	IEC 309-1 &309-2
✔	✔	✔	✔	✔	✔	✔

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

International-Rated Pin & Sleeve Devices

Engineered to IP44 Splashproof Standards
International Rated Devices

Engineered to UL & IEC Watertight Standards
432P3WL, 432C3WL & All 125A Devices Listed On This Page Have North American Rated Construction

2 YEAR LIMITED WARRANTY

SP516P6 SP516C6 SP516R6 SP516B6

International-Rated Devices

Leviton offers international-rated pin and sleeve devices available in 16, 32, 63 and 125 Amps. These IEC 309-1 and 309-2 compliant devices are ideal for use overseas where voltage and amperage requirements differ from North American standards, but where rigorous performance, quality, and reliability criteria need to be met.

16, 32 and 63 Amp devices have an environmental classification of splashproof (IP44), and 125 Amp devices are classified as watertight (IP67).

Ordering Information*

AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET
16	2p3w	100 - 130			SP316P4	SP316C4	SP316R4	SP316B4
	2p3w	250			SP316P6	SP316C6	SP316R6	SP316B6
	3p4w	380 - 415			SP416P6	SP416C6	SP416R6	SP416B6
	4p5w	200/346 - 240/415			SP516P6	SP516C6	SP516R6	SP516B6
32	2p3w	100 - 130			SP332P4	SP332C4	SP332R4	SP332B4
	2p3w	250			SP332P6	SP332C6	SP332R6	SP332B6
	3p4w	380 - 415			SP432P6	SP432C6	SP432R6	SP432B6
	3p4w	3Ø380 - 3Ø440			432P3WL†	432C3WL†	—	—
	4p5w	200/346 - 240/415			SP532P6	SP532C6	SP532R6	SP532B6
63	2p3w	250			SP363P6	SP363C6	SP363R6	SP363B6
	3p4w	380 - 415			SP463P6	SP463C6	SP463R6	SP463B6
	4p5w	200/346 - 240/415			SP563P6	SP563C6	SP563R6	SP563B6
125	2p3w	250			3125P6W	3125C6W	3125R6W	3125B6W
	3p4w	380 - 415			4125P6W	4125C6W	4125R6W	4125B6W
	4p5w	200/346 - 240/415			5125P6W	5125C6W	5125R6W	5125B6W

*Consult the factory for availability before placing your order. These are specialty order items and are not regularly stocked.
† This device has North American 30 Amp construction and is used in refrigerated container applications.

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ....Building a Connected World

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

International-Rated Pin & Sleeve Devices

- Classified to IEC Standards 309-1 and 309-2
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

ROCKWELL AUTOMATION ENCOMPASS AMERICAS PARTNER

Engineered to IP44 Splashproof Standards
International Rated Devices

Engineered to UL & IEC Watertight Standards
432P3WL, 432C3WL & All 125A Devices Listed On This Page Have North American Rated Construction

2 YEAR LIMITED WARRANTY

Material Specifications

Inlets

PART	MATERIAL FOR 16A, 32A INLETS	MATERIAL FOR 63A, 125A INLETS
Housing	Nylon	Valox 357
Mounting Flange	Nylon	—
Locking Ring (125A)	—	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Terminal Screws – Stainless Steel (125A)	Brass	Brass (63A)
Phase, Ground Pins	Brass	Brass

Connectors

PART	MATERIAL FOR 16A, 32A CONNECTORS	MATERIAL FOR 63A, 125A CONNECTORS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Arm Spring	Stainless Steel	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	—	Valox 357
Grommet	EPDM Rubber	EPDM Rubber(63A), Chloroprene Onion Skin (125A)
Sealing Gasket (125A)	—	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
External Screws	—	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

Plugs

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	—	Valox 357
Grommet	EPDM Rubber	EPDM Rubber (63A), Chloroprene Rubber (125A)
Sealing Gasket (125A)	—	Solid Chloroprene
External Screws	—	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Pins	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

Receptacles

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Mounting Flange	Nylon	—
Arm Spring	—	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Sealing Gasket (125A)	—	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel

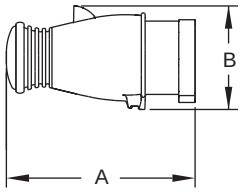
Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS	
Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles	
CE	IEC 309-1 & 309-2
✔	✔

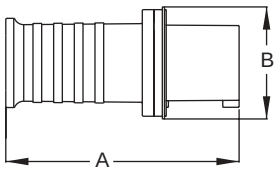
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

International-Rated Pin & Sleeve Devices

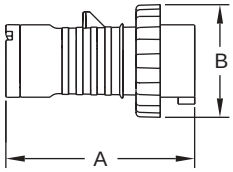
2 YEAR LIMITED WARRANTY



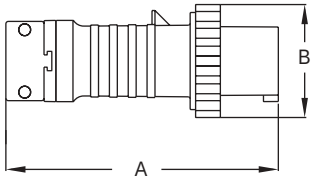
16A, 32A PLUG



63A PLUG



432P3WL
32A PLUG



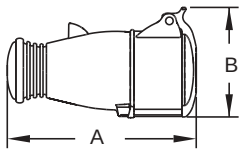
125A PLUG

Plug Dimensions

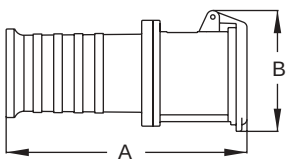
CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316P	16	inch	4.53	2.48	.350 –.860
		mm	115	63	9 – 22
SP416P	16	inch	5.51	2.83	.350 –.860
		mm	140	72	9 – 22
SP516P	16	inch	5.51	2.99	.437 –1.187
		mm	140	76	11 – 30
SP332P	32	inch	6.14	3.27	.437 –1.187
		mm	156	83	11 – 30
SP432P	32	inch	6.14	3.27	.437 –1.187
		mm	156	83	11 – 30
SP532P	32	inch	6.14	3.46	.437 –1.450
		mm	156	88	11 – 37
SP363P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41
SP463P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41
SP563P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41

Plug Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432P3WL	32	inch	5.79	3.70	.437 –1.450
		mm	147	94	11 – 37
3125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
4125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
5125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48



16A, 32A CONNECTOR



63A CONNECTOR

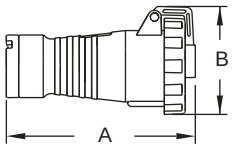
Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316C	16	inch	4.88	2.95	.350 –.860
		mm	124	75	9 – 22
SP416C	16	inch	5.91	3.45	.350 –.860
		mm	150	85	9 – 22
SP516C	16	inch	5.98	3.50	.437 –1.187
		mm	152	89	11 – 30
SP332C	32	inch	6.73	3.66	.437 –1.187
		mm	171	93	11 – 30
SP432C	32	inch	6.73	3.66	.437 –1.187
		mm	171	93	11 – 30
SP532C	32	inch	6.73	3.89	.437 –1.450
		mm	171	99	11 – 37
SP363C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41
SP463C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41
SP563C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41

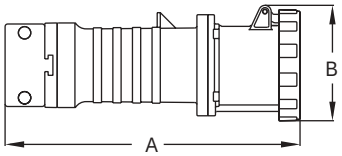
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY



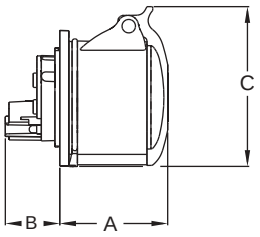
432C3WL
32A CONNECTOR



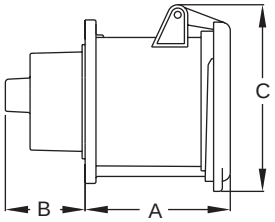
125A CONNECTOR

Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432C3WL	32	inch	6.97	4.02	.437 –1.187
		mm	177	102	11 – 30
3125C	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
4125C	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
5125C	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48



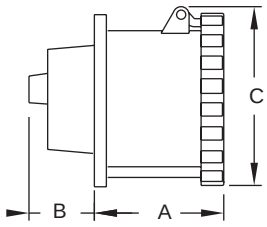
16A, 32A RECEPTACLE



63A RECEPTACLE

Receptacle Dimensions

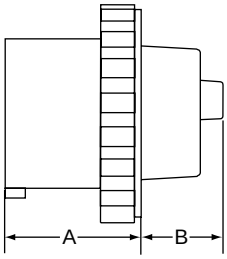
CATALOG NO.	AMPS	UNIT	A	B	C
SP316R	16	inch	2.20	1.14	2.87
		mm	56	29	73
SP416R	16	inch	2.28	1.18	3.43
		mm	58	30	87
SP516R	16	inch	2.36	1.22	3.50
		mm	60	31	89
SP332R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP432R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP532R	32	inch	2.76	1.34	3.90
		mm	71	34	99
SP363R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP463R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP563R	63	inch	3.43	1.89	4.41
		mm	87	48	112



125A RECEPTACLE

Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
3125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
4125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
5125R	125	inch	3.94	2.28	4.80
		mm	100	58	122



125A INLET

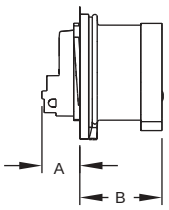
Inlet Dimensions for International-Rated Watertight devices

CATALOG NO.	AMPS	UNIT	A	B
3125R	125	inch	3.50	2.21
		mm	89	56
4125R	125	inch	3.50	2.21
		mm	89	56
5125R	125	inch	3.50	2.21
		mm	89	56

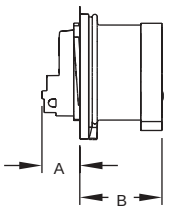
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY



16A, 32A INLET

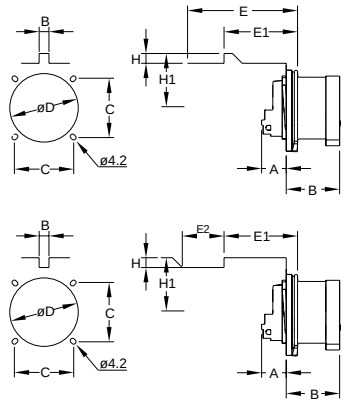


63A INLET

Inlet Dimensions

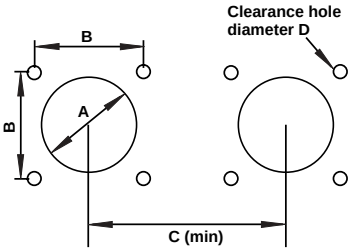
CATALOG NO.	AMPS	UNIT	A	B
SP316B	16	inch	.85	1.83
		mm	21.5	46.5
SP416B	16	inch	.83	1.85
		mm	21	47
SP516B	16	inch	.83	1.83
		mm	21	46.5
SP332B	32	inch	.95	2.19
		mm	24.5	55.5
SP432B	32	inch	.95	2.19
		mm	24.5	55.5
SP532B	32	inch	.98	2.19
		mm	25	55.5
SP363B	63	inch	1.97	3.0
		mm	50	78
SP463B	63	inch	1.97	3.0
		mm	50	78
SP563B	63	inch	1.97	3.0
		mm	50	78

Inlet
Panel Mounting Dimensions



DEVICE SIZE		C	D	E	E1	E2	G	H	H1
SP316B	in	1.73-1.85	1.93	2.95	1.59	0.31	0.35	0.16	1.18
	mm	44-47	49	75	40.5	8	9	4	30
SP416B	in	1.97-2.05	2.32	3.15	1.83	0.31	0.35	0.2	1.34
	mm	50-52	59	80	46.5	8	9	5	34
SP516B	in	1.97-2.05	2.32	3.54	2.07	0.31	0.35	0.27	1.5
	mm	50-52	59	90	52.5	8	9	7	38
SP332B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP432B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP532B	in	2.36-2.40	2.6	4.13	2.34	0.35	0.35	0.31	1.77
	mm	60-61	66	105	59.5	9	9	8	45
SP363B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP463B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP563B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5

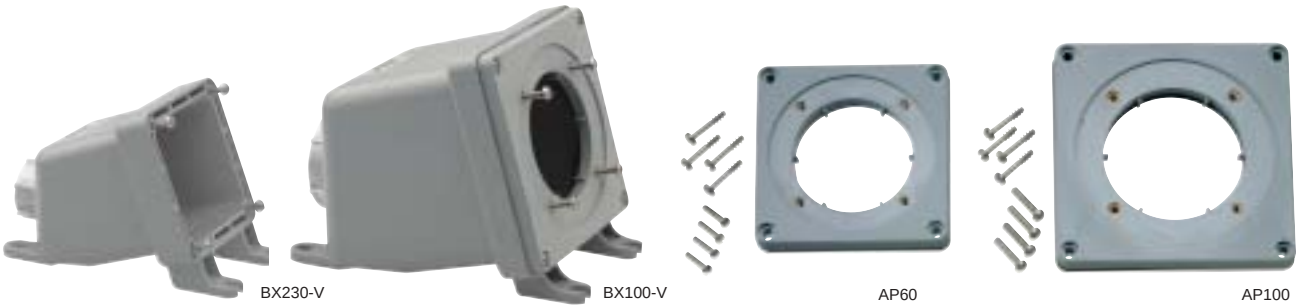
Drilling Plan
Inlets & Receptacles



DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
16A; 3-wire:	Receptacle	1.93	49	1.73	44	3.35	85	.185	4.7
	Inlet	1.93	49	1.73	44	3.35	85	.185	4.7
16A; 4-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
16A;5-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
32A;3-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A;4-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A;5-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
63A	All	2.76	70	2.40	61	6.69	170	.185	4.7
125A	All	13.47	88	2.80	71	7.87	200	.280	7.1

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

2 YEAR LIMITED WARRANTY



BX230-V BX100-V AP60 AP100

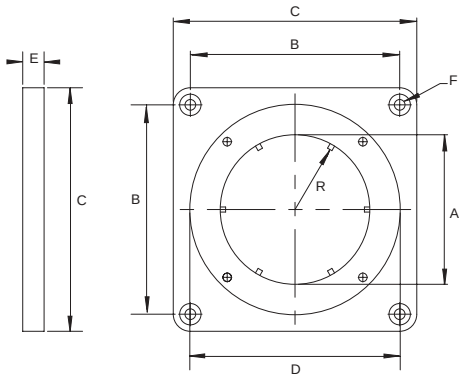
(Same Geometry as BX60-V)

Valox® Back Boxes for Watertight Inlets & Receptacles

APPLICATION	CATALOG NO.
20 & 30 Amp No Adapter Plate Required	**BX230-V**
60 Amp Adapter Plate Included	**BX60-V**
100 Amp Adapter Plate Included	**BX100-V**

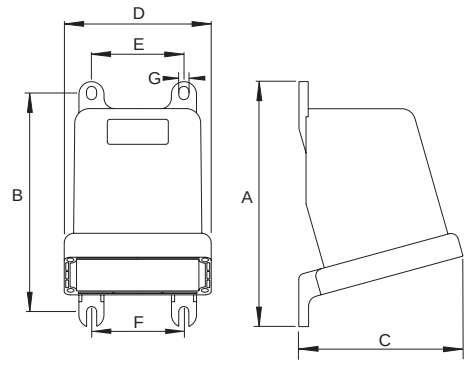
Replacement Valox® Adapter Plates for Leviton & Hubbell Back Boxes

APPLICATION	CATALOG NO.
60 Amp Watertight Inlets & Receptacles	**AP60**
100 Amp Watertight Inlets & Receptacles	**AP100**



Dimensions for Valox® Adapter Plates

UNIT	A	B	C	D	E	F	R
60 Amp							
inch	2.78	3.86	4.50	3.88	.40	.20	1.28
mm	70	98	114	98.5	10	5	32.5
100 Amp							
inch	3.23	4.88	5.50	4.60	.40	.22	1.50
mm	82	124	140	117	10	5.5	38



Dimensions for Valox® Back Boxes

UNIT	A	B	C	D	E	F	G
20 Amp & 30 Amp - 1" Hub							
inch	6.69	5.91	4.53	3.90	2.35	2.35	0.25
mm	170.0	150.0	115.0	99.0	60.0	60.0	6.5
60 Amp - 1½" Hub							
inch	7.68	6.92	5.20	4.65	2.99	2.99	0.31
mm	195.0	176.0	132.0	118.0	76.0	76.0	8.0
100 Amp - 2" Hub							
inch	8.23	7.39	6.30	5.71	3.99	3.33	0.33
mm	209.0	188.0	160.0	145.0	101.0	84.5	8.5

Valox® is a registered trademark of GE.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pin & Sleeve Accessories

Protective Closure Caps for Plugs and Inlets

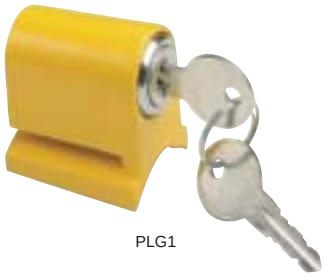
APPLICATION	WATERTIGHT CATALOG NO.	SPLASHPROOF CATALOG NO.
20 Amp, 3-wire	PC320	SPC320
20 Amp, 4-wire	PC420	SPC420
20 Amp, 5-wire	PC520	SPC520
30 Amp, 3-, 4-wire	PC3430	SPC3430
30 Amp, 5-wire	PC530	SPC530
All 60 Amp	PC60	–
All 100 Amp	PC100	–

PC3430

SPC530

Lockout / Tagout for Pin and Sleeve Devices

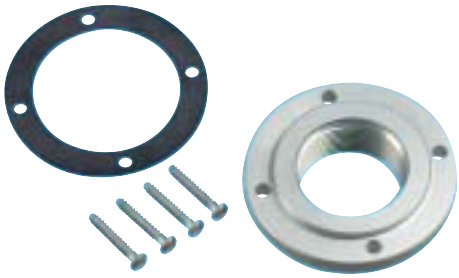
APPLICATION	CATALOG NUMBER WATERTIGHT & SPLASHPROOF
Can be used for any IEC 309-1 and 309-2 pin and sleeve plugs or inlets	PLG1



PLG1

Liquid-Tight Adapters

APPLICATION	LIQUID-TIGHT CONDUIT SIZE	CATALOG NUMBER
20 Amp, 3-4 Wire	1/2" NPT	SAA12
20 Amp, 5 Wire	1/2" NPT	SAB12
30 Amp, 3-4 Wire	3/4" NPT	SAB34
30 Amp, 5 Wire	3/4" NPT	SAC34
30 Amp, 5 Wire	1" NPT	SAC100
60 Amp, All	1 1/4" NPT	SAC125
100 Amp, All	1 1/4" NPT	SAD125



SAD125

Replacement Watertight Closure Cover Kit for Connectors and Receptacles

APPLICATION	CATALOG NUMBER
20 Amp, 3-wire	CA320
20 Amp, 4-wire	CA420
20 Amp, 5-wire	CA520
30 Amp, 3-, 4-wire	CA343
30 Amp, 5-wire	CA530
All 60 Amp	CA060
All 100 Amp	CA100

CA520

CA100

Replacement Watertight Locking Ring for Plugs and Inlets

APPLICATION	CATALOG NUMBER
20 Amp, 3-wire	RA320
20 Amp, 4-wire	RA420
20 Amp, 5-wire	RA520
30 Amp, 3-, 4-wire	RA343
30 Amp, 5-wire	RA530
All 60 Amp	RA060
All 100 Amp	RA100

Pin & Sleeve Devices

Making the Right Connection is as Easy as Matching Colors and Telling Time!

Leviton's pin and sleeve devices are easy to use. Matching amperage and voltage requirements is literally as easy as matching colors and telling time.

The amperage rating is related to the size of the device; devices of the same amperage are the same size.

The voltage rating is related to the location of the ground sleeve on the female device and the number of conductors. This location is based on a clock face with the key-way at the 6 o'clock position.

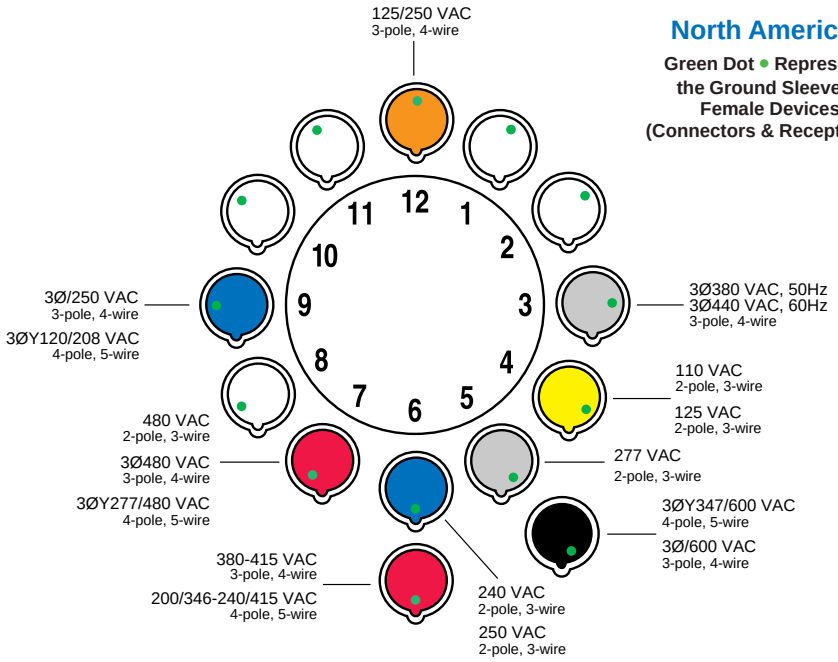
The ground sleeve is positioned at a specific hour location, depending on the device's voltage rating.

The clock position for plugs and inlets is a mirror image of the position for matching connectors and receptacles.

For quick visual identification, voltage ratings are also color-coded and the housings of interconnecting units are always the same color. All 125VAC devices are yellow; 250VAC are blue, etc. Matching up interconnecting devices is as easy as matching colors.

North American

Green Dot • Represents the Ground Sleeve of Female Devices (Connectors & Receptacles)



Rated Voltage	Color
110V-130V	
125V-250V	
200V-250V	
277V, 380V, 440V	
346V-480V	
500V and above	

Catalog Numbering System

Leviton's catalog numbering system is easy to use. Each letter or number provides a description of the product. Simply follow the six-part code below, made up of letters and numbers. Each catalog number contains the number of conductors, amperage rating, device type, clock position of the ground sleeve, and environmental rating.

For example, the catalog number below refers to a 3-wire, 20 amp receptacle with a grounding sleeve located at the 6 o'clock position and an environmental classification of watertight.

3 20 R 6 W

PREFIX

SP
SP = Splashproof

DS
DS = Disconnect Switch

1ST DIGIT

3 = 3 wire
4 = 4 wire
5 = 5 wire

Not Used for Disconnects

2ND–4TH DIGIT

16 = 16 Amp
20 = 20 Amp
30 = 30 Amp
32 = 32 Amp
60 = 60 Amp
63 = 63 Amp
100 = 100 Amp
125 = 125 Amp

LETTER

P = Plug
C = Connector
R = Receptacle
B = Inlet
MI = Mechanical Interlock
MF = Mechanical Interlock Fused
AX = Disconnect Switch Non-Fused
FAX = Disconnect Switch Fused

GROUNDING

Clock position of female grounding contact

Not Used for Disconnects

SUFFIX

W = Watertight

Not Used for Disconnects

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)

2 YEAR LIMITED WARRANTY

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 30 Amp - 1"
- 60 Amp - 1-1/2"
- 100 Amp - 2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
- IP67

DS60-FAX

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

Handle with padlock installed

Circuit identification pad for means of identifying specific equipment loads

Fused Models Accept "Class J" Time-Delay Fuses

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

DS60-FAX

Generous wiring space for top to bottom wiring

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open – 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks

PowerSwitch™ by Leviton

STANDARDS & CERTIFICATIONS					
Saftey Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
E63969		✔	✔	✔	✔

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

PowerSwitch™ by Leviton

Engineered to UL & IEC Watertight Standards

2 YEAR LIMITED WARRANTY

DS30-AX
Engineered to IP65 Water Jetting Standards

DS60-FAX
(Fused)

DS100-AX
(Non-Fused)

Ordering Information

AMPS	MAX VOLTAGE	CATALOG NO.	
		NON-FUSED	FUSED
30	600V AC	DS30-AX	DS30-FAX
60	600V AC	DS60-AX	DS60-FAX
100	600V AC	DS100-AX	—

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting			Certified for current interrupting at full-rated current and voltage
Endurance			6000 operations at rated current and voltage (Power factor 0.75 – 0.80)
Dielectric			1000 V plus twice rated voltage for 1 minute

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	1	2	5
208V AC	5	20	25
240V AC	2.5	10	15
480V AC	5	20	25
600V AC	NA	20	20
3Ø Y120/208V AC	5	20	25
3Ø 240V AC	5	20	30
3Ø 480V AC	15	40	50
3Ø 600V AC	15	40	50

VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	15	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

Engineered to UL & IEC Watertight Standards

PowerSwitch™ by Leviton

2 YEAR LIMITED WARRANTY

- Enclosures are Type 3R, 4X & 12K, IP67*
- Listed to UL 508 for Non-Fused and UL 98 for Fused*
- Certified to CSA Standard C22.2 number 14
- Classified to IEC Standard 947-3
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

Material Specifications

30 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

60 & 100 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

30 & 60 Amp Switch, Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Fuse Holder	Reinforced Nylon
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No.14	NOM	CE	IEC 947-3
✔	✔	✔	✔	✔	✔

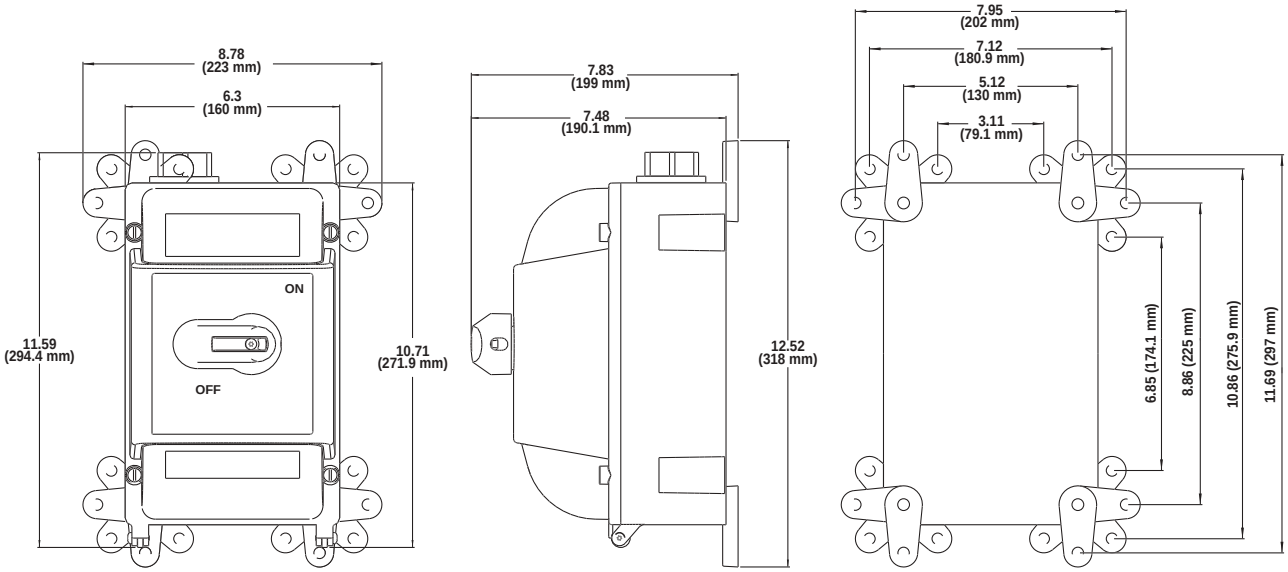
Valox® is a registered trademark of GE.

* IP Ratings & UL Standards

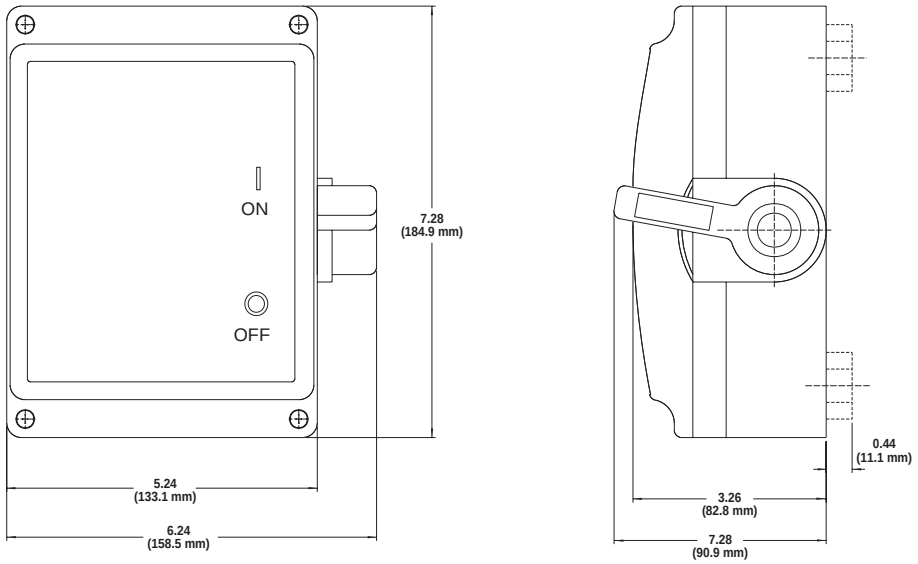
CATALOG NO.	IP RATING	UL STANDARD
DS30-AX	IP65	UL508
DS60-AX	IP67	UL508
DS100-AX	IP67	UL98
DS30-FAX	IP67	UL98
DS60-FAX	IP67	UL98

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches



30 AMP FUSED & 60 AMP NON-FUSED

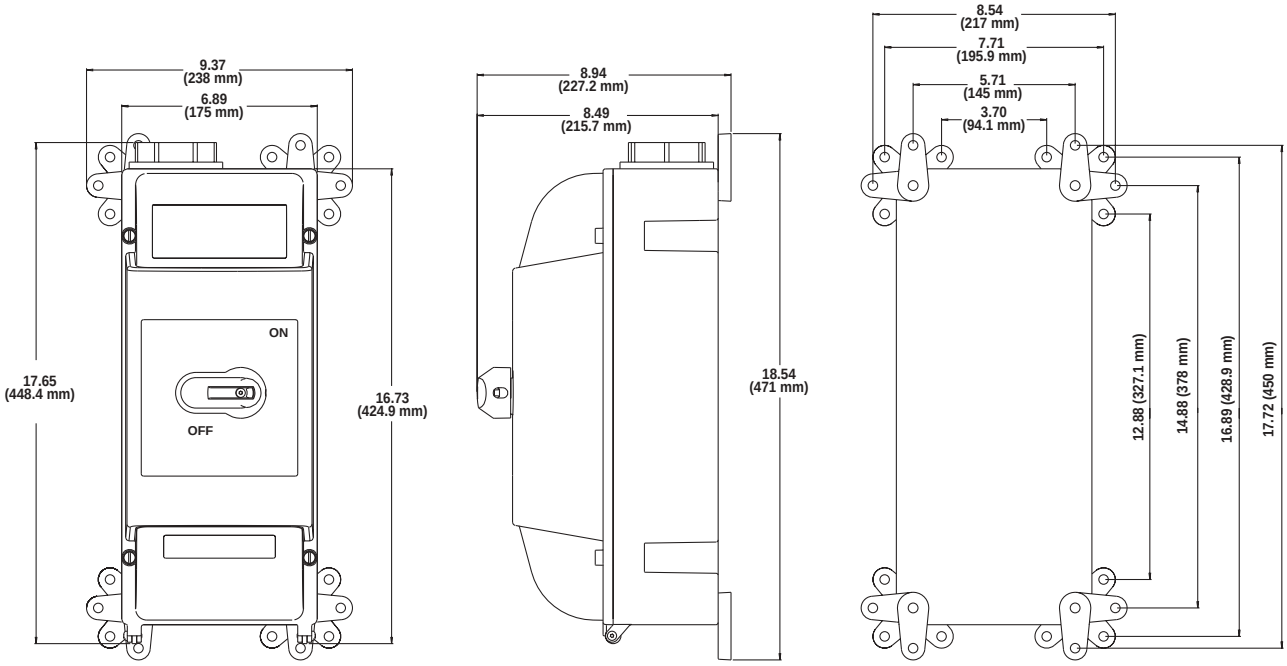


30 AMP NON-FUSED

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Watertight Safety Disconnect Switches

2 YEAR LIMITED WARRANTY



60 AMP FUSED & 100 AMP NON-FUSED

Accessories for Safety Disconnect Switches & Mechanical Interlocks

AU30F

AU30N

Auxiliary Contacts (Normally Closed - 10 Amp)

- Leviton Mechanical Interlocks and Disconnect Switches automatically ship with one factory installed auxiliary contact, normally open.
- A second auxiliary contact may be added. Select from the table below.

APPLICATION	CATALOG NO.
30 Amp Device (Non-Fused)	AU30N
30 Amp Device (Fused)	AU30F
60 & 100 Amp Device (Fused or Non-Fused)	AU610

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Locking Devices

Industrial Grade

Leviton's Industrial Grade Locking Devices are built to provide unparalleled quality and superior performance in the most severe industrial settings. The Leviton line includes a comprehensive selection of rugged plugs and connectors, Wetguard plugs and connectors for water and moisture resistance, flanged inlets and outlets, California-style devices, midget locking devices, power-interrupting devices and non-NEMA devices. Our V-0-MAX™ Locking Flush Receptacles are designed for maximum performance and feature a UL 94 V-0 Flammability Rating, the best flammability rating for a locking flush receptacle available today.

INDUSTRIAL GRADE LOCKING DEVICES

Overview ____ J1
15 Amp Devices ____ J2–J4
15 Amp Cord Sets ____ J2
20 Amp Devices ____ J4–J9
30 Amp Devices ____ J9–J13
Wetguard™ Devices
- 15 Amp ____ J14
- 15 Amp Locking Cord Sets ____ J14
- 20 Amp ____ J14–J15
- 30 Amp ____ J16

Non-NEMA Devices
- 15 & 20 Amp ____ J17
- 30 & 50 Amp ____ J18

50 Amp Non-NEMA "California Style" CS Devices ____ J19
Weather-Resistant Boots ____ J20
Power-Interrupting Devices ____ J21
Midget Devices ____ J22
Combination Locking and Straight Blade Devices ____ J23
Integrated Inlets and Outlets with Weather-Resistant Covers ____ J23

SECTION J

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Industrial Grade

Locking Devices

LEVITON
Building a Connected World

Leviton's Industrial Grade Locking Devices are built to provide unparalleled quality and superior performance in the most severe industrial settings. The Locking Devices line represents a broad selection of plugs and connectors, locking receptacles, flanged inlets and outlets, California-style devices, midget locking devices, power interrupting devices, and non-NEMA devices. Leviton combines the best materials available with superior production standards to produce a broad selection of Locking Devices of unmatched flexibility and dependability.

Features and Benefits

- Uncompromising industrial-grade quality for superior performance and long service life
- All industrial locking devices feature heavy-duty, impact-resistant construction
- Plugs and connectors accept wide range of conductors
- Terminals clearly identified on all devices to speed and simplify wiring
- Backed by a Limited 10-Year Warranty

Locking Devices for the Entire Spectrum of Industrial Applications

Locking Plugs and Connectors

Heavy-duty construction for top performance in the environmental extremes of grueling industrial settings.

Cat. No. 4720-C and 4579-C

V-0-MAX™ Locking Flush Receptacles

Engineered for maximum performance with a UL 94 V-0 Flammability Rating.

Cat. No. 2610

Flanged Inlets and Outlets

Built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking.

Cat. No. 2336

Non-NEMA Locking Devices

Provided in selected 20A and 30A versions and a very broad range of 50A devices.

Cat. No. 7411-C

Wetguard™

Specifically developed for wet or damp locations. EPTR thermoplastic rubber body and rugged design resists water, acids, alkalies, grease, oils and solvents.

Cat. No. 24W47

Midget Locking Devices

ML1, ML2 and ML3 Locking devices covering the entire spectrum of industrial applications where restrained space considerations are a factor.

Cat. No. ML1-C

Weather Resistant Boots

Feature triple seal action to protect locking plugs and connectors from the harmful effects of dirt and moisture in harsh operations.

Cat. No. 6034

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

15 AMP Locking Devices

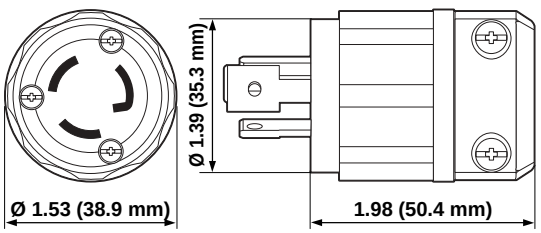
15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Dustguard™ Locking Plug, High Visibility Yellow EPTR Body	2447	.240–.655	12–18	
Dustguard™ Locking Connector, High Visibility Yellow EPTR Body	2547	.240–.655	12–18	
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4700			
Duplex Flush Receptacle w/2 Hot Feeds and 1 Neutral Return, Self Grounding, Back and Side Wired	4702-IIR			
Duplex Flush Receptacle w/Split Feed — 2 Hot Feeds and 2 Neutral Returns, Self Grounding, Back and Side Wired	4703-IIR			
Duplex Flush Receptacle, Isolated Ground, Back and Side Wired	4700-IG			
Single Flush Receptacle	4710**			
Single Flush Receptacle, w/Short Strap	4710-SS			
Single Flush Receptacle, Isolated Ground	4710-IG**			L5-15R
Single Flush Receptacle, Isolated Ground, w/Short Strap	4710-SIG			L5-15P
Locking Flanged Outlet	4715-C			
Locking Flanged Inlet	4716-C			
Locking Plug, Black Nylon Body	4720-C	.245–.700	10–18	
Lighted Locking Plug, Black Nylon Body	4720-PLC	.245–.700	10–18	
Angle Locking Plug, Black Nylon Body	4720-CA	.245–.700	10–18	
Locking Plug, All Black Nylon for Stage and Studio	4720-CB	.245–.700	10–18	
Locking Plug, Yellow Nylon Body	4720-CY	.245–.700	10–18	
Locking Connector, Black Nylon Body	4729-C	.245–.700	10–18	
Lighted Locking Connector, Black Nylon Body	4729-PLC	.245–.700	10–18	
Locking Connector, All Black Nylon for Stage and Studio	4729-CB	.245–.700	10–18	
Locking Connector, Yellow Nylon Body	4729-CY	.245–.700	10–18	

Factory-Assembled Cord Sets
15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	LENGTH	CAT. NO. 14/3 SOOW	CAT. NO. 12/3 SOOW	NEMA CONFIG.
Yellow Cord, B & W Devices★	25'	IL515-43A	IL515-23A	L5-15R
Yellow Cord, B & W Devices★	50'	IL515-43B	IL515-23B	
Yellow Cord, B & W Devices★	100'	IL515-43C	IL515-23C	L5-15P

**Uses stainless steel wallplate, Cat. No. 84004-40. For additional wallplate selections, please see Section G
For Corrosion Resistant Locking Devices, please check pages K2–K5.
Weather-Resistant Boots for 15A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★



LOCKING PLUG
Cat. No. 4720-C

4720-C

2547

SPECIFICATIONS & FEATURES

- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings.
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

Dustguard

- IEC IP44 Rated
- Developed to withstand dusty and dirty environments, cracking and fading, temperature extremes
- Rugged wiring modules have high performance single-piece brass triple-wipe contacts, solid brass plug blades
- Self centering cord clamp accepts wide range of conductors, 18-3 SVT to 10-3SO

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13393 – Cat. Nos. 2447, 2547, 4716, 4720, 4729; File #13399 – Cat. Nos. 4700, 4710, 4715)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements

Operating Temperature: -40°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

4570-CA

4579-C

SPECIFICATIONS & FEATURES

- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

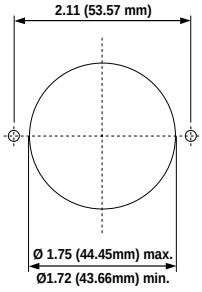
TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 4550, 4560,4585-C, 4750,4760, 4785-C; File #E-13393 — Cat. Nos. 4570, 4579, 4586-C, 4770, 4779, 4786-C)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements

Operating Temperature: -40°C to 60°C



SUGGESTED PANEL OPENING FOR 15A, 20A STRAIGHT BLADE AND 15A LOCKING FLANGED INLETS AND OUTLETS

15 AMP Locking Devices

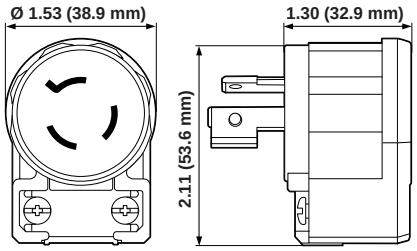
15 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4550			
Duplex Flush Receptacle, Isolated Ground, Back and Side Wired	4550-IG			
Single Flush Receptacle	4560**			
Single Flush Receptacle, w/Short Strap	4560-SS			
Single Flush Receptacle, Isolated Ground	4560-IG**			L6-15R
Single Flush Receptacle, Isolated Ground, w/Short Strap	4560-SIG			
Locking Plug, Black Nylon Body	4570-C	.245–.700	10–18	L6-15P
Angle Locking Plug, Black Nylon Body	4570-CA	.245–.700	10–18	
Locking Plug, Yellow Nylon Body	4570-CY	.245–.700	10–18	
Locking Connector, Black Nylon Body	4579-C	.245–.700	10–18	
Locking Connector, Yellow Nylon Body	4579-CY	.245–.700	10–18	
Locking Flanged Outlet	4585-C			
Locking Flanged Inlet	4586-C			

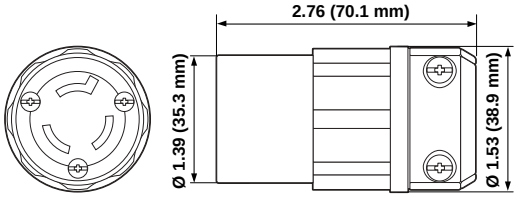
15 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4750			
Duplex Flush Receptacle, Islolated Ground, Back and Side Wired	4570-IG			
Single Flush Receptacle	4760**			
Single Flush Receptacle, w/Short Strap	4760-SS			
Single Flush Receptacle, Isolated Ground	4760-IG**			
Single Flush Receptacle, Isolated Ground, w/Short Strap	4760-SIG			L7-15R
Locking Plug, Black Nylon Body	4770-C	.245–.700	10–18	
Lighted Locking Plug, Black Nylon Body	4770-PLC	.245–.700	10–18	L7-15P
Angle Locking Plug, Black Nylon Body	4770-CA	.245–.700	10–18	
Locking Plug, Yellow Nylon Body	4770-CY	.245–.700	10–18	
Locking Connector, Black Nylon Body	4779-C	.245–.700	10–18	
Locking Connector, Yellow Nylon Body	4779-CY	.245–.700	10–18	
Lighted Locking Connector, Black Nylon Body	4779-PLC	.245–.700	10–18	
Locking Flanged Outlet	4785-C			
Locking Flanged Inlet	4786-C			

**Uses stainless steel wallplate, Cat. No. 84004-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 15A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed and CSA certified.



ANGLE LOCKING PLUG
Cat. No. 4570-CA



LOCKING CONNECTOR
Cat. No. 4579-C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

15 AMP Locking Devices

15 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

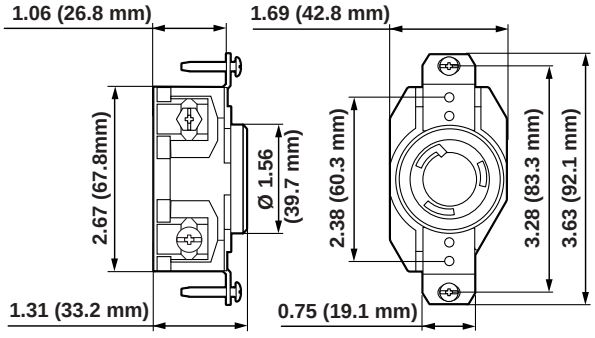
DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle ★	4870**			L11-15R
Single Flush Receptacle, w/Short Strap★	4870-SS			
Locking Plug, Black Nylon Body★	4880-C	.245–.700	10–18	L11-15P
Locking Connector, Black Nylon Body★	4889-C	.245–.700	10–18	

20 AMP Locking Devices

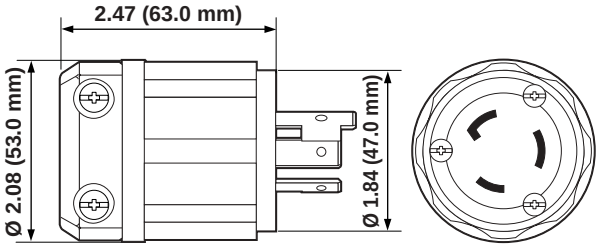
20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2310†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2310-IG†			
Locking Plug, Black Nylon Body	2311	.385–.780	10–18	
Lighted Locking Plug, Black Nylon Body	2311-PLC	.385–.780	10–18	
Locking Plug, all Black for Stage and Studio	2311-B	.385–.780	10–18	
Lighted Locking Plug, All-Black Nylon Body	2311-PLB	.385–.780	10–18	
Locking Plug, Yellow Nylon Body	2311-CY	.385–.780	10–18	L5-20R
Locking Connector, Black Nylon Body	2313	.385–.780	10–18	
Lighted Locking Connector, Black Nylon Body	2313-PLC	.385–.780	10–18	L5-20P
Locking Connector, all Black for Stage and Studio	2313-B	.385–.780	10–18	
Lighted Locking Connector, All-Black Nylon Body	2313-PLB	.385–.780	10–18	
Locking Connector, Yellow Nylon Body	2313-CY	.385–.780	10–18	
Locking Flanged Inlet	2315			
Locking Flanged Outlet	2316			

**Uses stainless steel wallplate, Cat. No. 84004-40. †Uses stainless steel wallplate, Cat. No. 84020-40.
For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★



SINGLE LOCKING RECEPTACLE
Cat. No. 2310



LOCKING PLUG
Cat. No. 2311

SPECIFICATIONS & FEATURES

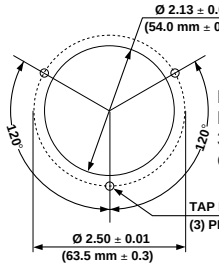
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 4870, 2310, 2316; File #E-13393 — Cat. Nos. 4880-C, 4889-C, 2311, 2313, 2315)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

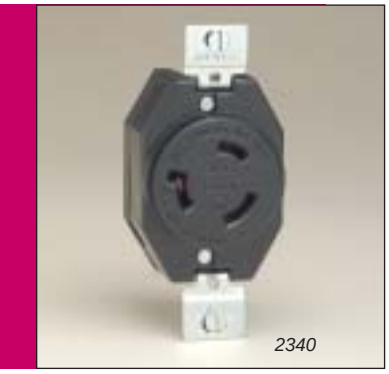
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 3 WIRE INLETS & OUTLETS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com


2340

2341

SPECIFICATIONS & FEATURES

- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

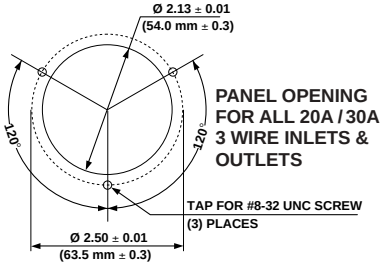
TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2320, 2326, 2330, 2336, 3720, 3756, 2335, 2340, 2346; File #E-13393 — Cat. Nos. 2321, 2323, 2325, 2331, 2333, 2335, 3721, 3723, 3755, 2341,2343, 2345)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements

Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 3 WIRE INLETS & OUTLETS

20 AMP Locking Devices

20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2320†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2320-IG†			
Locking Plug, Black Nylon Body	2321	.385–.780	10–18	L6-20R
Locking Plug, Yellow Nylon Body	2321-CY	.385–.780	10–18	
Locking Connector, Black Nylon Body	2323	.385–.780	10–18	L6-20P
Locking Connector, Yellow Nylon Body	2323-CY	.385–.780	10–18	
Locking Flanged Inlet	2325			
Locking Flanged Outlet	2326			

20 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2330†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2330-IG†			
Locking Plug, Black Nylon Body	2331	.385–.780	10–18	L7-20R
Lighted Locking Plug, Black Nylon Body (check for availability)	2331-PLC	.385–.780	10–18	
Locking Connector, Black Nylon Body	2333	.385–.780	10–18	L7-20P
Lighted Locking Connector, Black Nylon Body (check for availability)	2333-PLC	.385–.780	10–18	
Locking Flanged Inlet	2335			
Locking Flanged Outlet	2336			

20 AMP 347V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle*	3720†			
Locking Plug, Black Nylon Body*	3721	.385–.780	10–18	L24-20R
Locking Connector, Black Nylon Body*	3723	.385–.780	10–18	
Locking Flanged Inlet*	3755			L24-20P
Locking Flanged Outlet*	3756			

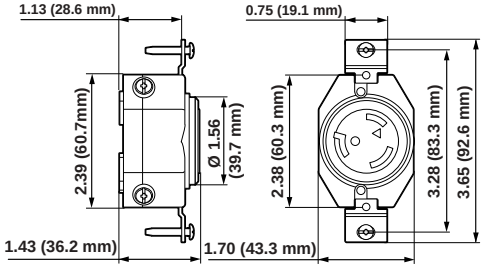
20 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2340†			
Single Flush Receptacle, Isolated Ground	2340-IG†			L8-20R
Locking Plug, Black Nylon Body	2341	.385–.780	10–18	
Locking Connector, Black Nylon Body	2343	.385–.780	10–18	L8-20P
Locking Flanged Inlet	2345			
Locking Flanged Outlet	2346			

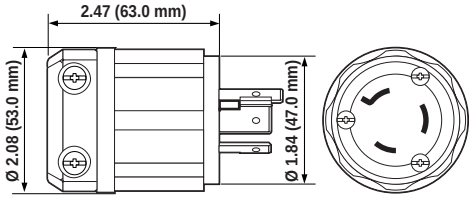
†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.

For Corrosion Resistant Locking Devices, please check pages K2–K5

Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page J20



SINGLE RECEPTACLE, ISOLATED GROUND
Cat. No. 2340-IG



LOCKING PLUG
Cat. No. 2341

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

20 AMP Locking Devices

20 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2350†			
Single Flush Receptacle, Isolated Ground	2350-IG†			L9-20R
Locking Plug, Black Nylon Body	2351	.385–.780	10–18	
Locking Connector, Black Nylon Body	2353	.385–.780	10–18	L9-20P
Locking Flanged Inlet	2355			
Locking Flanged Outlet	2356			

20 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2360†			
Locking Plug, Black Nylon Body★	2361	.385–.780	10–18	L10-20R
Locking Connector, Black Nylon Body★	2363	.385–.780	10–18	
Locking Flanged Inlet★	2365			L10-20P
Locking Flanged Outlet★	2366			

20 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2370†			
Locking Plug, Black Nylon Body★	2371	.385–.780	10–18	L11-20R
Locking Connector, Black Nylon Body★	2373	.385–.780	10–18	
Locking Flanged Inlet★	2375			L11-20P
Locking Flanged Outlet★	2376			

20 AMP 3Ø 480V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2380†			
Locking Plug, Black Nylon Body★	2381	.385–.780	10–18	L12-20R
Locking Connector, Black Nylon Body★	2383	.385–.780	10–18	
Locking Flanged Inlet★	2385			L12-20P
Locking Flanged Outlet★	2386			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★

2371

2376

SPECIFICATIONS & FEATURES

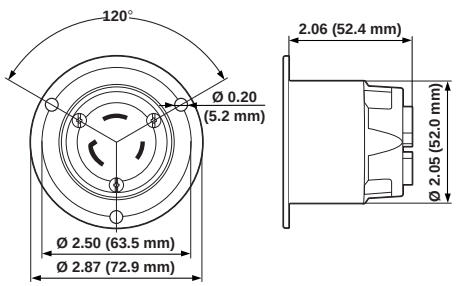
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

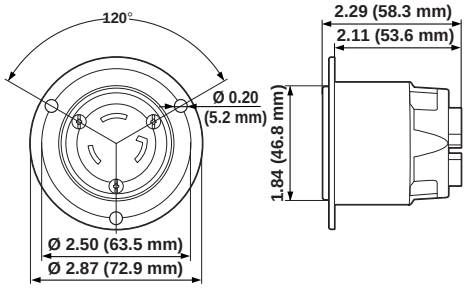
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2350, 2356, 2360, 2366, 2370, 2376, 2380, 2386; File #E-13393 — Cat. Nos. 2351, 2353, 2355, 2361, 2363, 2365, 2371, 2373, 2375, 2381, 2383, 2385)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

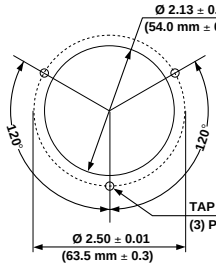
Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



LOCKING FLANGED INLET
Cat. No. 2375



LOCKING FLANGED OUTLET
Cat. No. 2376



PANEL OPENING FOR ALL 20A / 30A 3 WIRE INLETS & OUTLETS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

SPECIFICATIONS & FEATURES

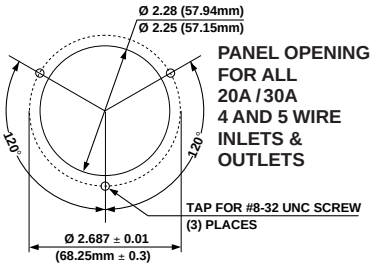
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2410, 2416, 2420, 2426, 2430, 2436, 2440, 2446; File #E-13393 — Cat. Nos. 2411, 2413, 2415, 2421, 2423, 2425, 2431, 2433, 2435, 2441, 2443, 2445)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



20 AMP Locking Devices

20 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2410†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2410-IG†			L14-20R
Locking Plug, Black Nylon Body	2411	.595–.895	10–18	
Locking Connector, Black Nylon Body	2413	.595–.895	10–18	L14-20P
Locking Flanged Inlet	2415			
Locking Flanged Outlet	2416			

20 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2420†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2420-IG†			L15-20R
Locking Plug, Black Nylon Body	2421	.595–.895	10–18	
Locking Connector, Black Nylon Body	2423	.595–.895	10–18	L15-20P
Locking Flanged Inlet	2425			
Locking Flanged Outlet	2426			

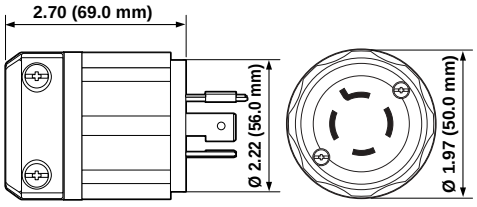
20 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2430†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2430-IG†			L16-20R
Locking Plug, Black Nylon Body	2431	.595–.895	10–18	
Locking Connector, Black Nylon Body	2433	.595–.895	10–18	L16-20P
Locking Flanged Inlet	2435			
Locking Flanged Outlet	2436			

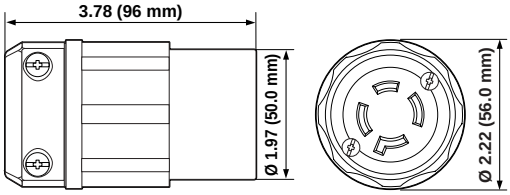
20 AMP 3ØY 120/208V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2440†			
Locking Plug, Black Nylon Body★	2441	.595–.895	10–18	L18-20R
Locking Connector, Black Nylon Body★	2443	.595–.895	10–18	
Locking Flanged Inlet★	2445			L18-20P
Locking Flanged Outlet★	2446			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★



LOCKING PLUG
Cat. No. 2411



LOCKING CONNECTOR
Cat. No. 2413

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

20 AMP Locking Devices

20 AMP 3ØY 277/480V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2450†			
Locking Plug, Black Nylon Body★	2451	.595–.895	10–18	L19-20R
Locking Connector, Black Nylon Body★	2453	.595–.895	10–18	
Locking Flanged Inlet★	2455			L19-20P
Locking Flanged Outlet★	2456			

20 AMP 3ØY 347/600V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2460†			
Locking Plug, Black Nylon Body★	2461	.595–.895	10–18	L20-20R
Locking Connector, Black Nylon Body★	2463	.595–.895	10–18	
Locking Flanged Inlet★	2465			L20-20P
Locking Flanged Outlet★	2466			

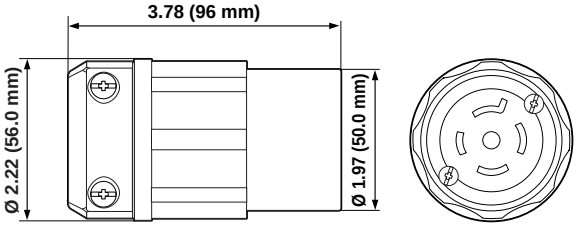
20 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2510†			
Single Flush Receptacle, Isolated Ground	2510-IG†			L21-20R
Locking Plug, Black Nylon Body	2511	.595–.895	10–18	
Locking Connector, Black Nylon Body	2513	.595–.895	10–18	L21-20P
Locking Flanged Inlet	2515			
Locking Flanged Outlet	2516			

20 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2520†			
Single Flush Receptacle, Isolated Ground	2520-IG†			L22-20R
Locking Plug, Black Nylon Body	2521	.595–.895	10–18	
Locking Connector, Black Nylon Body	2523	.595–.895	10–18	L22-20P
Locking Flanged Inlet	2525			
Locking Flanged Outlet	2526			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 20A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★



LOCKING CONNECTOR
Cat. No. 2523

2523

2525

SPECIFICATIONS & FEATURES

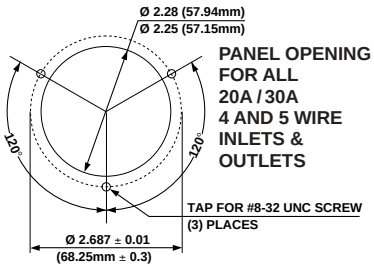
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13399 – Cat. Nos. 2450, 2456, 2460, 2466, 2510, 2516, 2520, 2526; File #13393 – Cat. Nos. 2451, 2453, 2455, 2461, 2463, 2465, 2511, 2513, 2515, 2521, 2523, 2525)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

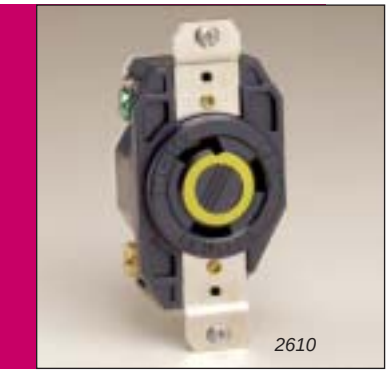
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Locking Devices



SPECIFICATIONS & FEATURES

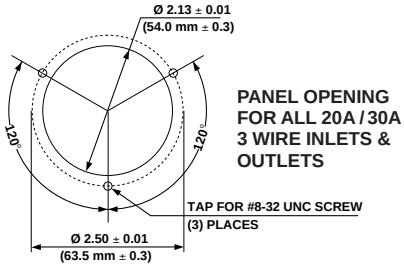
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2530, 2546, 2610, 2616, 2620, 2626F; File #E-13393 — Cat. Nos. 2531, 2533, 2545, 2611, 2613, 2615, 2621, 2623, 2625F)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 3 WIRE INLETS & OUTLETS

20 AMP Locking Devices

20 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2530†			
Single Flush Receptacle, Isolated Ground	2530-IG†			L23-20R
Locking Plug, Black Nylon Body	2531	.595–.895	10–18	
Locking Connector, Black Nylon Body	2533	.595–.895	10–18	L23-20P
Locking Flanged Inlet	2545			
Locking Flanged Outlet	2546			

30 AMP Locking Devices

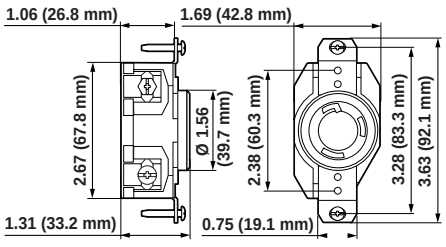
30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2610†			
V-0-MAX™ Single Flush Receptaclee, Isolated Ground	2610-IG†			
Locking Plug, Black Nylon Body	2611	.385–.860	10–18	
Lighted Locking Plug, Black Nylon Body	2611-PLC	.385–.860	10–18	
Locking Plug, All Black for Stage and Studio	2611-B	.385–.860	10–18	
Lighted Locking Plug, All-Black Nylon Body	2611-PLB	.385–.860	10–18	L5-30R
Locking Plug, Yellow Nylon Body	2611-CY	.385–.860	10–18	
Locking Connector, Black Nylon Body	2613	.385–.860	10–18	L5-30P
Lighted Locking Connector, Black Nylon Body	2613-PLC	.385–.860	10–18	
Locking Connector, All Black for Stage and Studio	2613-B	.385–.860	10–18	
Lighted Locking Connector, All-Black Nylon Body	2613-PLB	.385–.860	10–18	
Locking Connector, Yellow Nylon Body	2613-CY	.385–.860	10–18	
Locking Flanged Inlet	2615			
Locking Flanged Outlet	2616			

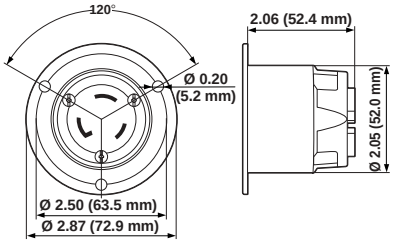
30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2620†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2620-IG†			
Locking Plug, Black Nylon Body	2621	.385–.860	10–18	
Locking Plug, All Black for Stage and Studio	2621-B	.385–.860	10–18	L6-30R
Locking Plug, Yellow Nylon Body	2621-CY	.385–.860	10–18	
Locking Connector, Black Nylon Body	C2623	.385–.860	10–18	L6-30P
Locking Connector, All Black for Stage and Studio	C2623-B	.385–.860	10–18	
Locking Connector, Yellow Nylon Body	C2623-CY	.385–.860	10–18	
Locking Flanged Inlet	2625F			
Locking Flanged Outlet	2626F			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed and CSA certified.



SINGLE LOCKING RECEPTACLE—Cat. No. 2610



LOCKING FLANGED INLET—Cat. No. 2615

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

30 AMP Locking Devices

30 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2630†			
Single Flush Receptacle, Isolated Ground	2630-IG†			
Locking Plug, Black Nylon Body	2631	.385–.860	10–18	L7-30R
Lighted Locking Plug, Black Nylon Body (check for availability)	2631-PLC	.385–.780	10–18	
Locking Connector, Black Nylon Body	2633	.385–.860	10–18	L7-30P
Lighted Locking Connector, Black Nylon Body (check for availability)	2633-PLC	.385–.780	10–18	
Locking Flanged Inlet	2635			
Locking Flanged Outlet	2636			

30 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2640†			
Single Flush Receptacle, Isolated Ground	2640-IG†			L8-30R
Locking Plug, Black Nylon Body	2641	.385–.860	10–18	
Locking Connector, Black Nylon Body	2643	.385–.860	10–18	L8-30P
Locking Flanged Inlet	2645			
Locking Flanged Outlet	2646			

30 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2650†			
Single Flush Receptacle, Isolated Ground	2650-IG†			L9-30R
Locking Plug, Black Nylon Body	C2651	.385–.860	10–18	
Locking Connector, Black Nylon Body	C2653	.385–.860	10–18	L9-30P
Locking Flanged Inlet	2655			
Locking Flanged Outlet	2656			

30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2660-A†			
Locking Plug, Black Nylon Body★	2661	.385–.860	10–18	L10-30R
Locking Connector, Black Nylon Body★	2663	.385–.860	10–18	
Locking Flanged Inlet★	2665			L10-30P
Locking Flanged Outlet★	2666			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★

2661

2663

SPECIFICATIONS & FEATURES

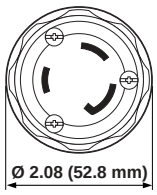
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

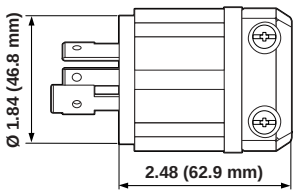
TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13399 – Cat. Nos., 2630, 2636, 2640, 2646, 2650, 2656, 2660, 2666; File #E-13393 – Cat. Nos. 2631, 2633, 2635, 2641, 2643, 2645 C2651, C2653, 2655, 2661, 2663, 2665)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

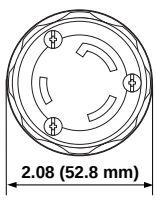
MATERIAL CHARACTERISTICS

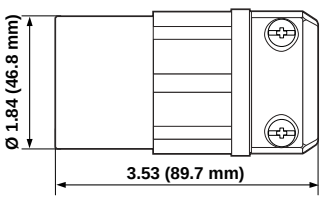
Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



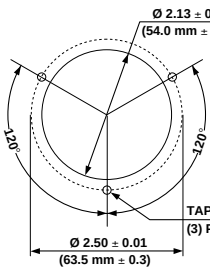


LOCKING PLUG
Cat. No. 2661





LOCKING CONNECTOR
Cat. No. 2663



PANEL OPENING FOR ALL 20A / 30A 3 WIRE INLETS & OUTLETS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

2710

2716

30 AMP Locking Devices

30 AMP 3Ø 250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2670†			L11-30R
Locking Plug, Black Nylon Body★	2671	.385–.860	10–18	
Locking Connector, Black Nylon Body★	2673	.385–.860	10–18	
Locking Flanged Inlet★	2675			L11-30P
Locking Flanged Outlet★	2676			

30 AMP 3Ø 480V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2680†			L12-30R
Locking Plug, Black Nylon Body★	2681	.385–.860	10–18	
Locking Connector, Black Nylon Body★	2683	.385–.860	10–18	
Locking Flanged Inlet★	2685			L12-30P
Locking Flanged Outlet★	2686			

30 AMP 3Ø 600V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2690†			L13-30R
Locking Plug, Black Nylon Body★	2691	.385–.860	10–18	
Locking Connector, Black Nylon Body★	2693	.385–.860	10–18	
Locking Flanged Inlet★	2695			L13-30P
Locking Flanged Outlet★	2696			

30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2710†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2710-IG†			L14-30R
Locking Plug, Black Nylon Body	2711	.595–1.150	10–18	
Locking Plug, Yellow Nylon Body	2711-CY	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2713	.595–1.150	10–18	L14-30P
Locking Connector, Yellow Nylon Body	2713-CY	.595–1.150	10–18	
Locking Flanged Inlet	2715			
Locking Flanged Outlet	2716			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

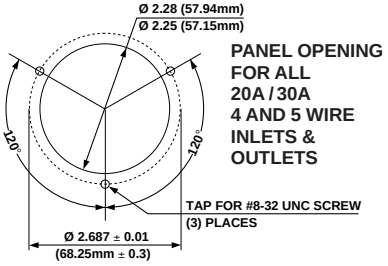
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

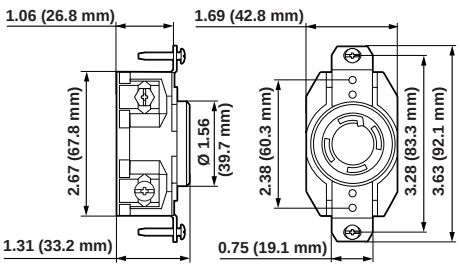
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13399 – Cat. Nos. 2670, 2676, 2680, 2686, 2690, 2696 2710, 2716; File #E-13393 – Cat. Nos., 2671, 2673, 2675, 2681, 2683, 2685, 2691, 2693, 2695, 2711, 2713, 2715)
- CSA Certified (File #LR-406)
- NOM Certified (File #057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

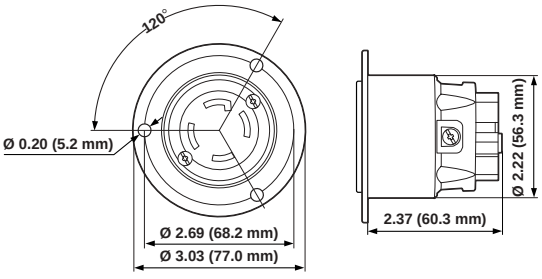
Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 4 AND 5 WIRE INLETS & OUTLETS



SINGLE RECEPTACLE
Cat. No. 2710



LOCKING FLANGED OUTLET
Cat. No. 2716

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

30 AMP Locking Devices

30 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2720†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2720-IG†			L15-30R
Locking Plug, Black Nylon Body	2721	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2723	.595–1.150	10–18	L15-30P
Locking Flanged Inlet	2725			
Locking Flanged Outlet	2726			

30 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2730†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2730-IG†			L16-30R
Locking Plug, Black Nylon Body	2731	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2733	.595–1.150	10–18	L16-30P
Locking Flanged Inlet	2735			
Locking Flanged Outlet★	2736			

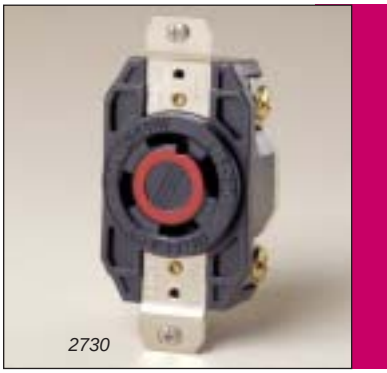
30 AMP 3Ø 600V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2740†			
Single Flush Receptacle, Isolated Ground★	2740-IG†			L17-30R
Locking Plug, Black Nylon Body	2741	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2743	.595–1.150	10–18	L17-30P
Locking Flanged Inlet	2745			
Locking Flanged Outlet	2746			

30 AMP 3ØY 120/208V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2750†			
Locking Plug, Black Nylon Body★	2751	.595–1.150	10–18	L18-30R
Locking Connector, Black Nylon Body★	2753	.595–1.150	10–18	
Locking Flanged Inlet★	2755			L18-30P
Locking Flanged Outlet★	2756			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★


2730

2731

SPECIFICATIONS & FEATURES

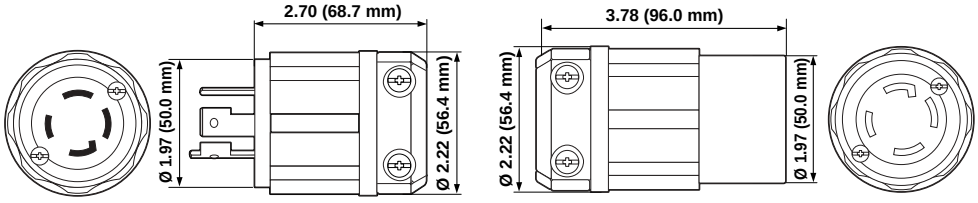
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13399 – Cat. Nos., 2720, 2726, 2730, 2736, 2740, 2746, 2750, 2756; File # E-13393 – Cat. Nos., 2721, 2723, 2725, 2731, 2733, 2735, 2741, 2743, 2745, 2751, 2753, 2755)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

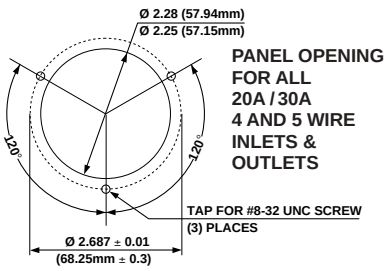
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



LOCKING PLUG
Cat. No. 2731

LOCKING CONNECTOR
Cat. No. 2733



PANEL OPENING FOR ALL 20A / 30A 4 AND 5 WIRE INLETS & OUTLETS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

SPECIFICATIONS & FEATURES

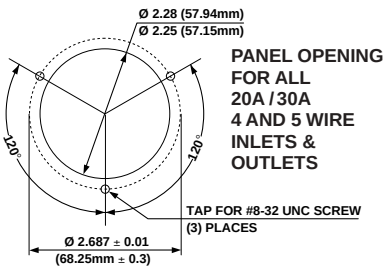
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2760, 2766, 2770, 2776, 2810, 2816, 2820, 2826, 2830, 2836; File #E-13393 — Cat. Nos. 2761, 2763, 2765, 2771, 2773, 2775, 2811, 2813, 2815, 2821, 2823, 2825, 2831, 2833, 2835)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 4 AND 5 WIRE INLETS & OUTLETS

30 AMP Locking Devices

30 AMP 3ØY 277/480V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2760†			L19-30R
Locking Plug, Black Nylon Body★	2761	.595–1.150	10–18	
Locking Connector, Black Nylon Body★	2763	.595–1.150	10–18	
Locking Flanged Inlet★	2765			L19-30P
Locking Flanged Outlet★	2766			

30 AMP 3ØY 347/600V 4-Pole 4-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2770†			L20-30R
Locking Plug, Black Nylon Body★	2771	.595–1.150	10–18	
Locking Connector, Black Nylon Body★	2773	.595–1.150	10–18	
Locking Flanged Inlet★	2775			L20-30P
Locking Flanged Outlet★	2776			

30 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2810†			L21-30R
Single Flush Receptacle, Isolated Ground	2810-IG†			
Locking Plug, Black Nylon Body	2811	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2813	.595–1.150	10–18	
Locking Flanged Inlet	2815			L21-30P
Locking Flanged Outlet	2816			

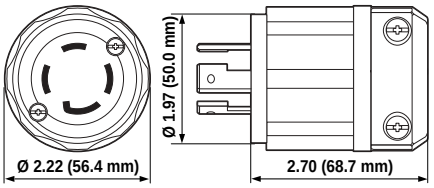
30 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2820†			L22-30R
Single Flush Receptacle, Isolated Ground	2820-IG†			
Locking Plug, Black Nylon Body	2821	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2823	.595–1.150	10–18	
Locking Flanged Inlet	2825			L22-30P
Locking Flanged Outlet	2826			

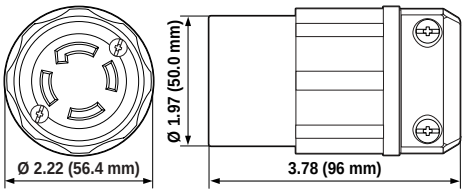
30 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2830†			L23-30R
Single Flush Receptacle, Isolated Ground	2830-IG			
Locking Plug, Black Nylon Body	2831	.595–1.150	10–18	
Locking Connector, Black Nylon Body	2833	.595–1.150	10–18	
Locking Flanged Inlet	2835			L23-30P
Locking Flanged Outlet	2836			

†Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
For Corrosion Resistant Locking Devices, please check pages K2–K5
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★



LOCKING PLUG
Cat. No. 2761



LOCKING CONNECTOR
Cat. No. 2763

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wetguard™ Locking Devices

Wetguard™ Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard™ Locking Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 15A-125V 2-Pole, 3-Wire	24W47 L5-15P	25W47 L5-15R
High-Visibility Yellow, 15A-250V 2-Pole, 3-Wire	24W49 L6-15P	25W49 L6-15R
High-Visibility Yellow, 15A-277V 2-Pole, 3-Wire	24W34 L7-15P	25W34 L7-15R
High-Visibility Yellow, 20A-125V 2-Pole, 3-Wire	26W47 L5-20P	27W47 L5-20R
Black, 20A-125V 2-Pole, 3-Wire	26W47-B L5-20P	27W47-B L5-20R
High-Visibility Yellow, 20A-250V 2-Pole, 3-Wire	26W48 L6-20P	27W48 L6-20R
High-Visibility Yellow, 20A-277V 2-Pole, 3-Wire	26W49 L7-20P	27W49 L7-20R

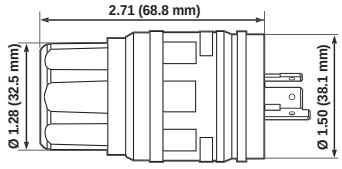
Locking Cord Sets 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	LENGTH	CAT. NO. 14/3 SOOW	CAT. NO. 12/3 SOOW	NEMA CONFIG.
Yellow Cord, Yellow Devices★	25'	WL515-43A	WL515-23A	L5-15R
Yellow Cord, Yellow Devices★	50'	WL515-43B	WL515-23B	
Yellow Cord, Yellow Devices★	100'	WL515-43C	WL515-23C	L5-15P

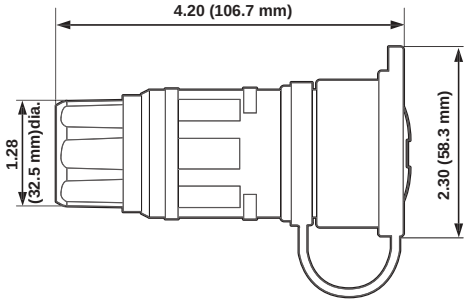
Repacement Closure Cap

DESCRIPTION	CAT. NO.
Replacement Connector Closure Cap for 15A devices	50W50
Replacement Connector Closure Cap for 20A devices	50W52

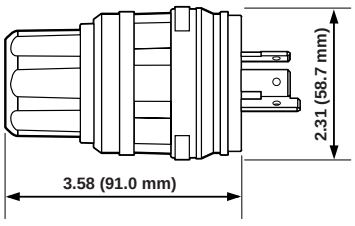
All devices are UL Listed. Also CSA certified except where indicated by★



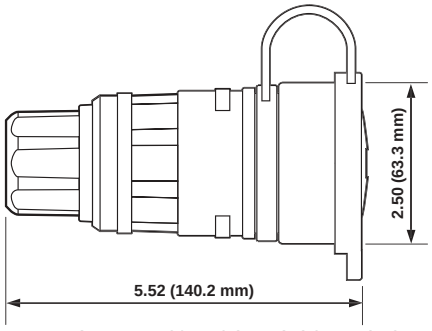
WETGUARD™ 15A LOCKING PLUG



WETGUARD™ 15A LOCKING CONNECTOR



WETGUARD™ 20A LOCKING PLUG



WETGUARD™ 20A LOCKING CONNECTOR

SPECIFICATIONS & FEATURES

Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- Outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Effective "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors
- Innovative strain-relief grips cables securely, keeps out water and moisture
- Cord clamp range for 15A devices: 18/3–10/3 SO (.375"–.655"). For 20A devices: 18/3–10/5 SO, ST, SJ (.375"–.870")
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wetguard™ Locking Devices

Wetguard™ Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard™ Locking Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 20A-125/250V 3-Pole, 4-Wire	26W74 L14-20P	27W74 L14-20R
High-Visibility Yellow, 20A-3Ø 250V 3-Pole, 4-Wire	26W75 L15-20P	27W75 L15-20R
High-Visibility Yellow, 20A-3Ø 480V 3-Pole, 4-Wire	26W76 L16-20P	27W76 L16-20R
High-Visibility Yellow, 20A-3ØY 120/208V 4-Pole, 5-Wire	26W81 L21-20P	27W81 L21-20R
Black, 20A-3ØY 120/208V 4-Pole, 5-Wire	26W81-B L21-20P	27W81-B L21-20R
High-Visibility Yellow, 20A-3ØY 277/480V 4-Pole, 5-Wire	26W82 L22-20P	27W82 L22-20R
High-Visibility Yellow, 20A-3ØY 347/600V 4-Pole, 5-Wire	26W83 L23-20P	27W83 L23-20R

Wetguard™ Non-NEMA, Non-Grounding Devices ***(For Replacement Use Only)***

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 20A-125/250V 3-Pole, 3-Wire★	26W08 NON-NEMA	27W08 NON-NEMA
High-Visibility Yellow, 20A-3ØY 120/208V 4-Pole, 4-Wire★	26W09 NON-NEMA	27W09 NON-NEMA

Repacement Closure Cap

DESCRIPTION	CAT. NO.
Replacement Connector Closure Cap for 20A devices	50W52

All locking devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

Wetguard

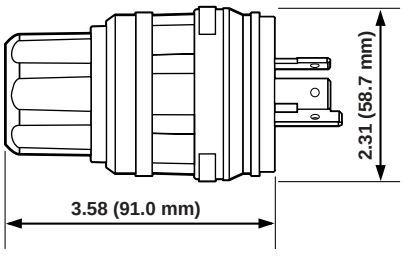
- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- Outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Effective “tongue and groove” construction seals out water, moisture, dirt when plugs are mated with connectors
- Innovative strain-relief grips cables securely, keeps out water and moisture
- Cord clamp range for 20A devices: 18/3–10/5 SO, ST, SJ (.375"–.870")
- Non-magnetic stainless steel fast-threading assembly screws won’t interfere with sensitive equipment
- Connector “hood” closure cap seals device when not in use

TESTING & CODE COMPLIANCE

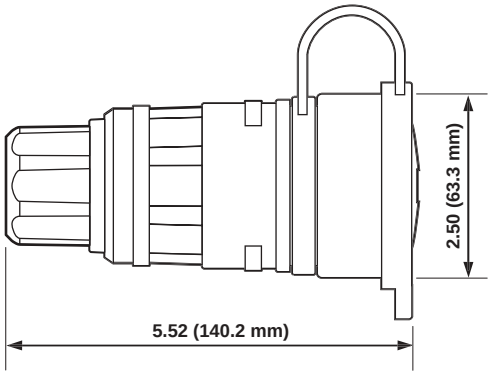
- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 60°C



WETGUARD™ 20A LOCKING PLUG



WETGUARD™ 20A LOCKING CONNECTOR

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wetguard™ Locking Devices

Wetguard™ Devices Engineered to IP66 & IP67 Watertight Standards

Wetguard™ Locking Plugs and Connectors

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 30A-125V 2-Pole, 3-Wire	28W47 L5-30P	29W47 L5-30R
Black, 30A-125V 2-Pole, 3-Wire	28W47-B L5-30P	29W47-B L5-30R
High-Visibility Yellow, 30A-250V 2-Pole, 3-Wire	28W48 L6-30P	29W48 L6-30R
High-Visibility Yellow, 30A-277V 2-Pole, 3-Wire	28W49 L7-30P	29W49 L7-30R
High-Visibility Yellow, 30A-125/250V 3-Pole, 4-Wire	28W74 L14-30P	29W74 L14-30R
High-Visibility Yellow, 30A-3Ø 250V 3-Pole, 4-Wire	28W75 L15-30P	29W75 L15-30R
High-Visibility Yellow, 30A-3Ø 480V 3-Pole, 4-Wire	28W76 L16-30P	29W76 L16-30R
High-Visibility Yellow, 30A-3Ø 600V 3-Pole, 4-Wire	28W77 L17-30P	29W77 L17-30R
High-Visibility Yellow, 30A-3ØY 120/208V 4-Pole, 5-Wire	28W81 L21-30P	29W81 L21-30R
High-Visibility Yellow, 30A-3ØY 277/480V 4-Pole, 5-Wire	28W82 L22-30P	29W82 L22-30R
High-Visibility Yellow, 30A-3ØY 347/600V 4-Pole, 5-Wire	28W83 L23-30P	29W83 L23-30R

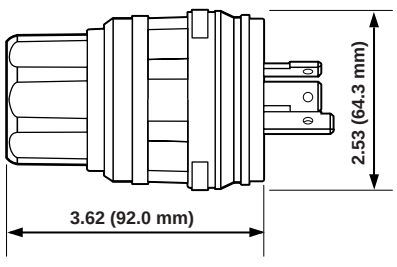
Wetguard™ Non-NEMA, Non-Grounding Devices
(For Replacement Use Only)

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
High-Visibility Yellow, 30A-125/250V 3-Pole, 3-Wire★	28W08 NON-NEMA	29W08 NON-NEMA
High-Visibility Yellow, 30A-3ØY 120/208V 4-Pole, 4-Wire★	28W09 NON-NEMA	29W09 NON-NEMA

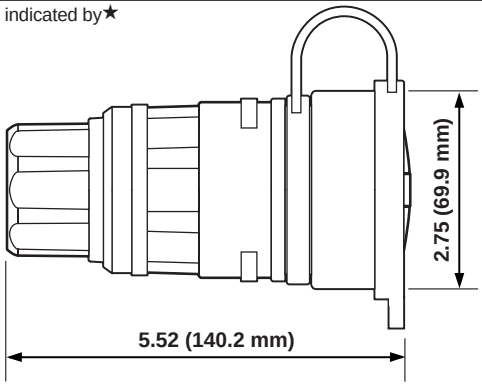
Replacement Closure Cap

DESCRIPTION	CAT. NO.
Replacement Connector Closure Cap for 30A devices	50W54

All locking devices are UL Listed. Also CSA certified except where indicated by★



WETGUARD™ 30A LOCKING PLUG



WETGUARD™ 30A LOCKING CONNECTOR

28W74

29W74

SPECIFICATIONS & FEATURES

Wetguard

- IEC IP66 and IP 67 Rated, in accordance with IEC 529 as evaluated by UL and CSA
- NEMA Type 4, 4X, 6 and 6P Ratings in accordance with UL 50 and CSA 94
- Outstanding resistance to wet and damp environments, extreme temperature variations, acids, alkalis, grease, oils and solvents
- Effective "tongue and groove" construction seals out water, moisture, dirt when plugs are mated with connectors
- Innovative strain-relief grips cables securely, keeps out water and moisture
- Cord clamp range for 30A devices: 12/3–8/5 SO, ST, SJ (.625"–1.125")
- Non-magnetic stainless steel fast-threading assembly screws won't interfere with sensitive equipment
- Connector "hood" closure cap seals device when not in use

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: (File #13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Non-NEMA Locking Devices

15 AMP Non-NEMA Locking Devices

15 AMP 125V/10A-250 3-Pole 3-Wire Non-Grounding Non-NEMA†

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	7582**			
Locking Plug★	7567-C*	.245–.700	10–18	NON-NEMA
Locking Connector†★	7565-C*	.245–.700	10–18	
Locking Flanged Inlet★	7556			NON-NEMA
Locking Flanged Outlet★	7557			

†These devices are no longer UL Listed and are for replacement use only. Add (-G) for grounding version.
*Grounding (-G) version not available. For grounding connector, use Cat. No. 7555-G
**Uses stainless steel wallplate, Cat. No. 84004-40.

20 AMP Non-NEMA Locking Devices

20 AMP 250V AC/DC / 10 AMP 600V AC
4-Pole 5-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	3520Δ			
Locking Plug, Black Nylon Body★	3521-C	.595–.895	10–18	NON-NEMA
Locking Connector, Black Nylon Body★	3523-C	.595–.895	10–18	
Locking Flanged Inlet★	3524-C			NON-NEMA
Locking Flanged Outlet★	3525-C			

20 AMP, 125V/250V 3-Pole 3-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	7310-BΔ			
Locking Plug★	9965-C	.385–.780	10–18	NON-NEMA
Locking Connector★	7314-C	.385–.780	10–18	
Locking Flanged Inlet★	3325-C			NON-NEMA
Locking Flanged Outlet★	3326-C			

20 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	7410-BΔ			
Locking Plug★	7411-C	.595–.895	10–18	NON-NEMA
Locking Connector★	7413-C	.595–.895	10–18	
Locking Flanged Inlet★	7408-C			NON-NEMA
Locking Flanged Outlet★	7409-C			

††Effective July 1, 1981, rating for non-grounding versions was changed from 20A-250V AC/DC, 10A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 20A-250V AC/DC, 10A-600V AC and are no longer UL Listed — for replacement use only.
For Corrosion Resistant Locking Devices, please check pages K2–K5
ΔUses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
Weather-Resistant Boots for 15A & 20A Locking Plugs and Connectors are listed on page J20
All devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

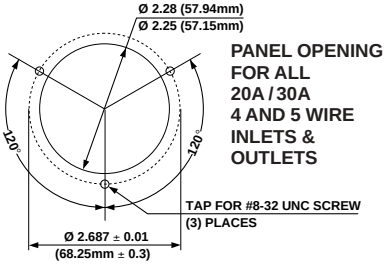
- Locking Receptacles feature a complete range of ratings and Non-NEMA configurations, non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

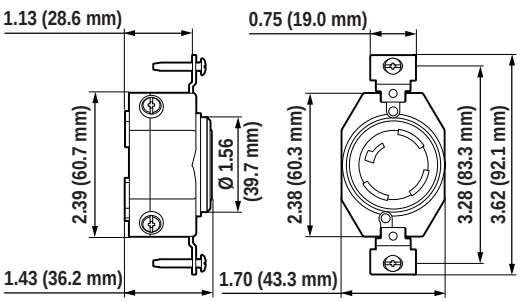
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 7582, 7557, 3520, 2525-C, 7310-B, 3326-C, 7410-B, 7409-C; File #E-13393 — Cat. Nos. 7567-C, 7565-C, 7556, 3521-C, 3523-C, 3524-C, 9965-C, 7314-C, 3325-C, 7411-C, 7413-C, 7408-C)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

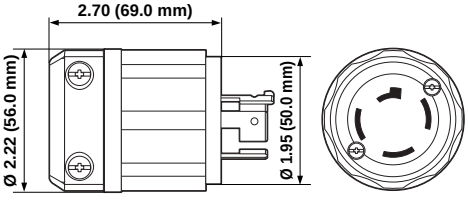
Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 4 AND 5 WIRE INLETS & OUTLETS



SINGLE RECEPTACLE
Cat. No. 7410-B



LOCKING PLUG
Cat. No. 7411-C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

30 AMP Non-NEMA Locking Devices

30 AMP 125V/250 3-Pole 3-Wire Non-Grounding Non-NEMA†

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	3330**			
Locking Plug★	3331-C	.385–.860	10–18	
Locking Connector★	3333-C	.385–.860	10–18	
Locking Flanged Inlet★	3334-C			
Locking Flanged Outlet★	3335-C			

NON-NEMA

†Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V and are no longer UL Listed — for replacement use only.

30 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA††

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	3430**			
Locking Plug★	3431-C	.595–.1.150	10–18	
Locking Connector★	3433-C	.595–.1.150	10–18	
Locking Flanged Inlet★	3434-C			
Locking Flanged Outlet★	3435-C			

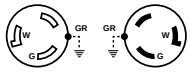
NON-NEMA

††Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V AC/DC, 30A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V AC/DC, 30A-600V AC and are no longer UL Listed — for replacement use only.

50 AMP Non-NEMA Locking Devices

50 AMP 250V DC/600V AC 2-Pole 3-Wire Grounding Non-NEMA

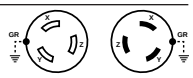
DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	3771*			
Locking Plug★	3763-C	.680–.1.125	10–4	
Locking Connector★	3762-C	.680–.1.125	10–4	
Locking Flanged Inlet★	3777			



NON-NEMA

50 AMP 250V DC/600V AC 3-Pole 4-Wire Grounding Non-NEMA

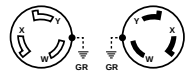
DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	7379*			
Locking Plug★	7765-C	.680–.1.125	10–4	
Locking Connector★	7764-C	.680–.1.125	10–4	



NON-NEMA

50 AMP 250V DC/600V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	3769*			
Locking Plug★	3765-C	.680–.1.125	10–4	
Locking Connector★	3764-C	.680–.1.125	10–4	
Locking Flanged Inlet★	3775			

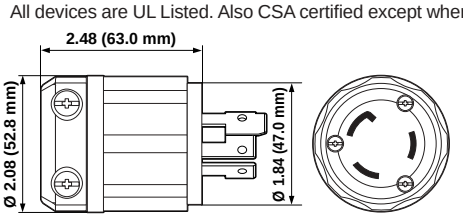


NON-NEMA

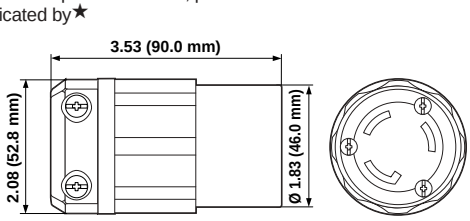
Receptacle Cover

DESCRIPTION	CAT. NO.
Weather-protective die-cast aluminum receptacle cover with lift lid for Cat. Nos. 3769, 3771 and 7379★	7770

*Uses Weatherproof Cover, Cat. No. 7788-CR or 7770.
For Corrosion Resistant Locking Devices, please check pages K2–K5.
Weather-Resistant Boots for 30A Locking Plugs and Connectors are listed on page J20.
**Uses stainless steel wallplate, Cat. No. 84020-40. For additional wallplate selections, please see Section G.
All devices are UL Listed. Also CSA certified except where indicated by★



LOCKING PLUG
Cat. No. 3331-C



LOCKING CONNECTOR
Cat. No. 3333-C

3331-C

3333-C

SPECIFICATIONS & FEATURES

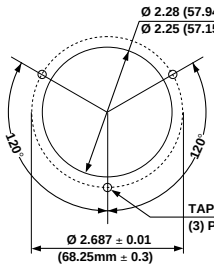
- Locking Receptacles feature a complete range of ratings and Non-NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 3330, 3335-C, 3530, 3535-C, 3771, 7379, 3769; File #E-13393 — Cat. Nos. 3331-C, 3333-C, 3334-C, 3431-C, 3433-C, 3434-C, 3763-C, 3762-C, 3777, 7765-C, 7764-C, 3765-C, 3764-C, 3775)
- CSA Certified (LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C



PANEL OPENING FOR ALL 20A / 30A 4 AND 5 WIRE INLETS & OUTLETS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Non-NEMA Locking Devices

CS63-70

CS63-60C

SPECIFICATIONS & FEATURES

- All-nylon construction that takes punishment and continues to perform
- Patented strain relief that provides maximum holding power
- Tight-fitting gaskets to seal out dust
- Easy identification of ratings
- Color-Coded large wire pockets and terminal screws
- Corrosion-resistant devices feature added plating

TESTING & CODE COMPLIANCE

- Non-NEMA devices meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. CS63-70, CS82-69, CS63-69, CS83-69, CS84-69, CS81-69; File #E-13393 — Cat. Nos. CS63-61C, CS63-60C, CS63-77, CS82-65C, CS82-64C, CS82-75, CS63-65C, CS63-64C, CS63-75, CS83-65C, CS83-64C, CS83-75, CS84-65C, CS84-64C, CS84-75, CS81-65C, CS81-64C, CS81-75)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

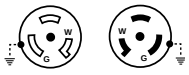
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 60°C

50 AMP "California Style" CS Non-NEMA Locking Devices

50 AMP 125V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS63-70*			
Locking Plug★	CS63-61C	.680–1.125	10–4	
Locking Connector★	CS63-60C	.680–1.125	10–4	
Locking Flanged Inlet★	CS63-77			


NON-NEMA

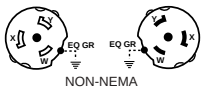
50 AMP 250V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS82-69*			
Locking Plug★	CS82-65C	.680–1.125	10–4	
Locking Connector★	CS82-64C	.680–1.125	10–4	
Locking Flanged Inlet★	CS82-75			

NON-NEMA

50 AMP 125/250V 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS63-69*			
Locking Plug★	CS63-65C	.680–1.125	10–4	
Locking Connector★	CS63-64C	.680–1.125	10–4	
Locking Flanged Inlet★	CS63-75			


NON-NEMA

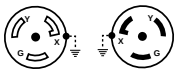
50 AMP 3Ø 250V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS83-69*			
Locking Plug★	CS83-65C	.680–1.125	10–4	
Locking Connector★	CS83-64C	.680–1.125	10–4	
Locking Flanged Inlet★	CS83-75			

NON-NEMA

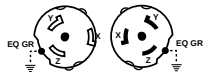
50 AMP 480V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS84-69*			
Locking Plug★	CS84-65C	.680–1.125	10–4	
Locking Connector★	CS84-64C	.680–1.125	10–4	
Locking Flanged Inlet★	CS84-75			


NON-NEMA

50 AMP 3Ø 480V AC 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Locking Receptacle★	CS81-69*			
Locking Plug★	CS81-65C	.680–1.125	10–4	
Locking Connector★	CS81-64C	.680–1.125	10–4	
Locking Flanged Inlet★	CS81-75			


NON-NEMA

*Uses Weatherproof Cover, Cat. No. 7788-CR or 7770.
For Corrosion Resistant Locking Devices, please check pages K2–K5
All devices are UL Listed. Also CSA certified except where indicated by★

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Weather-Resistant Boots

Boots for 15 AMP Industrial Locking Plugs and Connectors

DESCRIPTION	CAT. NO.
Locking Plug Boot, Black Thermoplastic Elastomer	6017-L
Locking Plug Boot, High-Visibility Yellow Thermoplastic Elastomer	6017-LY
Locking Connector Boot, Black Thermoplastic Elastomer	6018-L
Locking Connector Boot, High Visibility Yellow Thermoplastic Elastomer	6018-LY

Boots for 3-Wire 20 AMP & 30 AMP Industrial Locking Plugs and Connectors

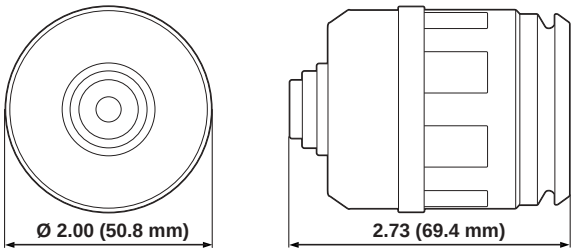
DESCRIPTION	CAT. NO.
3-wire Locking Thermoplastic Elastomer Plug Boot, Black	6031
3-wire Locking Thermoplastic Elastomer Plug Boot, High Visibility Yellow	6031-Y
3-wire Locking Thermoplastic Elastomer Connector Boot, Black	6032
3-wire Locking Thermoplastic Elastomer Connector Boot, High Visibility Yellow	6032-Y

Boots for 4 and 5-Wire 20 AMP & 30 AMP Industrial Locking Plugs and Connectors

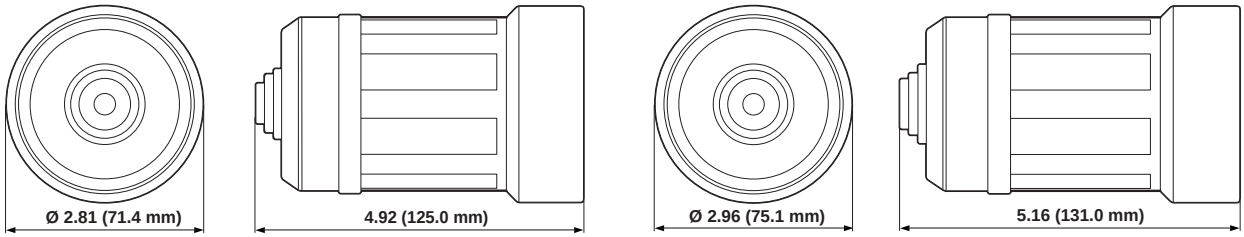
DESCRIPTION	CAT. NO.
4 & 5-wire Locking Thermoplastic Elastomer Plug Boot, black	6033
4 & 5-wire Locking Thermoplastic Elastomer Plug Boot, High Visibility Yellow	6033-Y
4 & 5-wire Locking Thermoplastic Elastomer Connector Boot, black	6034
4 & 5-wire Locking Thermoplastic Elastomer Connector Boot, High Visibility Yellow	6034-Y

6017-LY

6032



LOCKING PLUG BOOT
Cat. No. 6017-L



3-WIRE LOCKING CONNECTOR BOOT
Cat. No. 6032

4 & 5-WIRE LOCKING CONNECTOR BOOT
Cat. No. 6034

SPECIFICATIONS & FEATURES

- Feature a triple seal action to protect straight blade and locking plugs and connectors against dirt and moisture in harsh applications
- Plug and connector boots available in black and high-visibility yellow
- Fluted surface and grip-ring design provide a non-slip grip even in wet conditions

WARRANTY

- Backed by a Lifetime Warranty

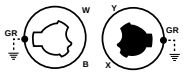
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated HB
Operating Temperature: -40°C to 90°C

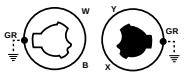
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Locking Power Interrupting Devices

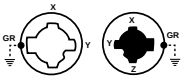
20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle with a Thermoset body	*23000-HG			 RECEPTACLE
Locking Connector	*23001-HG	.250–.656		
Locking Plug	*23004-HG			

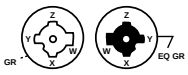
20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle	23030			 RECEPTACLE
Locking Connector	23031-A	.256–.656		
Locking Plug	23034-A			

30A-600VAC / 20AMP – 250V DC 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle	20403			 RECEPTACLE
Locking Connector	21414-B	.360–.484		
Locking Plug	21415-B			

30A-600VAC / 20AMP – 250V DC 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Receptacle with Fiberglass Reinforced Nylon Interior with Cast Iron and Steel Shell. Fits FS or FD boxes	25403			 RECEPTACLE
Locking Connector	25414-B	.625–1.0		
Locking Plug	25415-B			

*UL listed for “HOSPITAL USE ONLY” applications in non-hazardous locations
For appropriate wallplates for listed receptacles, please see Section G.
All devices are UL Listed and CSA certified.

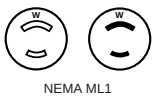
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Midget Locking Devices

LEVITON Building a Connected World

15 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Midget Locking Plug	ML1-P	.218–.43	18–14	
Angle Plug	ML1-AP	.218–.43	18–14	
Midget Locking Connector	ML1-C	.218–.43	18–14	
Angle Connector	ML1-AC	.218–.43	18–14	
Plastic Midget Locking Flanged Inlet	ML1-PB			
Plastic Midget Locking Flanged Outlet	ML1-PER			
Metal Inlet	ML1-MB			
Metal Outlet	ML1-MER			

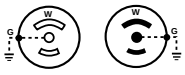


NEMA ML1

ML1-P

15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Midget Locking Plug	ML2-P	.218–.43	18–14	
Angle Plug	ML2-AP	.218–.43	18–14	
Midget Locking Connector	ML2-C	.218–.43	18–14	
Angle Connector	ML2-AC	.218–.43	18–14	
Plastic Midget Locking Flanged Inlet	ML2-PB			
Plastic Midget Locking Flanged Outlet	ML2-PER			
Metal Inlet	ML2-MB			
Metal Outlet	ML2-MER			



NEMA ML2

ML1-C

15 AMP 125/250V 3-Pole 3-Wire Non-Grounding★

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Midget Locking Plug	ML3-P	.218–.43	18–14	
Angle Plug	ML3-AP	.218–.43	18–14	
Midget Locking Connector	ML3-C	.218–.43	18–14	
Angle Connector	ML3-AC	.218–.43	18–14	
Plastic Midget Locking Flanged Inlet	ML3-PB			
Plastic Midget Locking Flanged Outlet	ML3-PER			
Metal Inlet	ML3-MB			
Metal Outlet	ML3-MER			

NEMA ML3

15 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO. PLUG	CAT. NO. ANGLE PLUG	NEMA CONFIG.
Midget Straight Blade Plug Black & White Nylon	MS2-P	MS2-AP	

NEMA MS2-P

All devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

- Offer a smaller form factor for limited-space applications
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

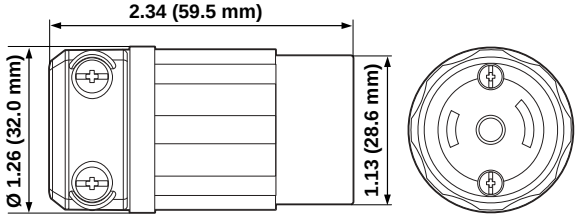
TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File No. E-13393)
- CSA Certified (File No. LR-406)
- NOM Certified (#057)
- Backed by a Lifetime Warranty

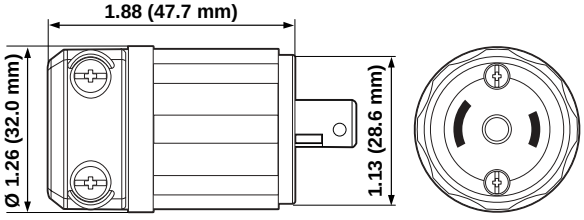
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements

Operating Temperature: -40°C to 60°C



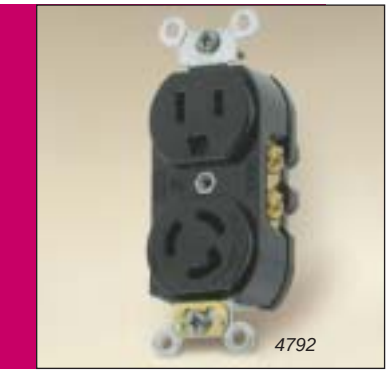
MIDGET LOCKING CONNECTOR
Cat. No. ML2-C



MIDGET LOCKING PLUG
Cat. No. ML2-P

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Combination Locking & Straight Blade/Integrated Inlets & Outlets


4792

4716-CWP

Combination Locking and Straight Blade Duplex Receptacle

15 AMP 125V 2-Pole 3-Wire Grounding Back and Side Wired

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Duplex Combination Locking & Straight Blade Receptacle with Common Feed	4792	L5-15R
Duplex Combination Locking & Straight Blade Receptacle with 2 Hot Feeds, 1 Neutral Return	4794-1R	
Duplex Combination Locking & Straight Blade Receptacle with Split Feed — 2 Hot Feeds, 2 Neutral Returns	4795-2R	5-15R

Integrated Power Inlets and Outlets with Weather-Resistant Covers

- Engineered to IP 64 and NEMA 3R Protection Ratings
- Suitable for Industrial Indoor and Outdoor Use

Integrated Power Inlets and Outlets with Weather-Resistant Covers
Gray, Glass-Filled Thermoplastic Cover and White, Nylon Device

DESCRIPTION	CAT. NO. FLANGED INLET	CAT. NO. FLANGED OUTLET
Standard Wire Wells, 15A-125V 2-Pole, 3-Wire	4716-CWP NEMA L5-15P	4715-CWP NEMA L5-15R
Slots for Fork Terminals, 15A-125V 2-Pole, 3-Wire	4716-FWP NEMA L5-15P	4715-FWP NEMA L5-15R
Standard Wire Wells, 15A-250V 2-Pole, 3-Wire	4586-CWP NEMA L6-15P	4585-CWP NEMA L6-15R

All devices are UL Listed and CSA Certified.
Note: For straight blade configurations, please see Section H.

SPECIFICATIONS & FEATURES

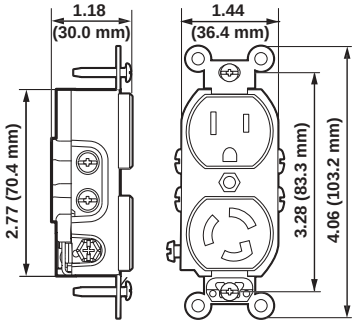
Combination Devices
- Impact-resistant black thermoplastic nylon face and body
- Smooth face does not collect dirt
- Large, triple-wipe brass "T" contacts for superior contact and conductivity
- Triple-combination terminal screws
- Back and side wire options accept #10–#14 AWG stranded or solid wire

Integrated Devices
- Glass-filled thermoplastic cover and plate provide outstanding impact resistance and durability
- Dual gaskets, one under plate and one under lid, for weather-resistant fit
- Stainless steel external hardware resists corrosive effects of moisture
- Large thumb-tab makes it easy to open cover with gloved hand
- Mounts to panels or FS/FD boxes
- UL Listed and CSA Certified for wet locations with cover closed

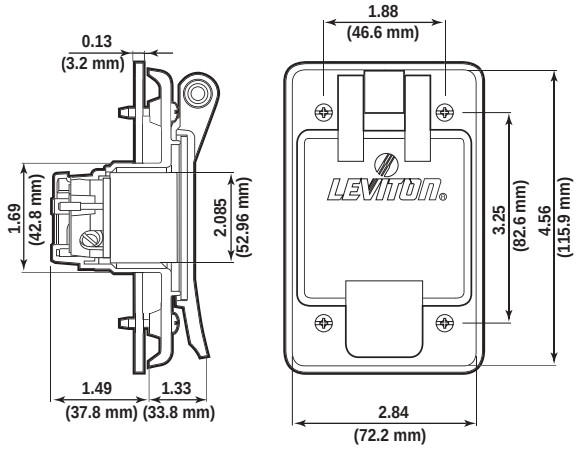
TESTING & CODE COMPLIANCE

Combination Devices
- UL Listed (File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

Integrated Devices
- UL Listed (File #E-13397)
- CSA Certified (File #LR-16347)
- NOM Certified (#057)
- IP 64 Suitability Rating (protected against dust and splashing water)
- NEMA Type 3R Enclosure Rating when properly installed (protected against rain, sleet and damage from external ice formations)
- Backed by a Limited 2-Year Warranty



COMBINATION LOCKING AND STRAIGHT BLADE DUPLEX RECEPTACLE



INTEGRATED LOCKING POWER INLETS AND OUTLETS WITH WEATHER-RESISTANT COVERS

MATERIAL CHARACTERISTICS

Combination Devices
Environmental: Flammability, Rated V2
Operating Temperature: -40°C (without impact) to 60°C maximum continuous

Integrated Devices
Environmental: VO Flammability Rating per UL 94
Operating Temperature: -40°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

CAM CONNECTORS FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS

Overview, Features and Benefits ____JJ1
Ampacity Chart _____JJ2
Up to 125 AMP
- **15 Series–Taper Nose**_____JJ3, JJ4

Up to 235 AMP
- **16 Series–Taper Nose**_____JJ5–JJ11
- **18 Series–Ball Nose** _____JJ14–JJ19

Up to 400 AMP
- **16 Series–Taper Nose** ___JJ5, JJ6, JJ8, JJ9, JJ11–JJ13
- **18 Series–Ball Nose**_____JJ14, JJ15, JJ17, 0JJ19–JJ22

Up to 690 AMP
- **17 Series–Taper Nose** _____JJ23–JJ27
- **19 Series–Ball Nose** _____JJ28–JJ31
- **22/23 Series–Latching Ball Nose/ Latching Taper Nose** _____JJ32–JJ36

ECT Product Accessories _____JJ37

SECTION **JJ**

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

Single Pole Cam-Type Connectors

Cam Connectors for Commercial and Industrial Use

Leviton offers a wide variety of single pin cam-type cable connectors and panel mount receptacles that supply temporary electrical power distribution for multiple indoor and outdoor applications. The heavy-duty connectors are the standard for the following markets:

- ***Entertainment and Movie Industry***
- ***Concerts and Theme Parks***
- ***Carnival Equipment***
- ***Conventions.***

Other applications include:

- ***Motor and Generator Splices***
- ***Mining and Construction Sites***
- ***Commercial and Navy Shipbuilding & Repair***
- ***Other temporary power applications.***

Leviton manufactures the highest quality single pin connectors available. Our connectors are completely compatible with competitive cam-type products and can be retrofitted to existing locations and power distribution systems. We offer a variety of quick connect/disconnect connectors for various amperage ratings in a multitude of cable sizes. Connectors are available in two styles:

- *Field detachable*
- *Vulcanized*

We also offer ball nose and taper nose configurations.

Quality Product and Diversification

In addition to high product quality comes diversity when doing business with Leviton. Leviton offers many varieties of entertainment cable and the ability to produce specialty cord sets for the entertainment/power distributon marketplace.

Leviton Cam-Type Connectors

Features and Benefits

- Intermateable and compatible with competitive cam-type products—can be retrofitted to existing locations and power distribution systems
- Locking and reinforcing ring won't melt, break or crack
- Shatter and crack proof—high durometer thermoplastic elastomer (TPE) or neoprene rubber
- Color-coded insulating sleeves—fast and easy phase identification
- Prevents arcing or burning—no movement of contact surfaces
- Self compensating for wear—slit and cam in male contact provides spring action for longer usage
- Quick connect/disconnect—twist and pull provided by double cam male and cam button in female
- High conductivity—positive, vibration-proof connection provided by double cam design
- Wide range of applications—usable with a wide range of cable and amperage ratings
- Meets NEC Code, UL Listed and CSA Certified. NEMA 3R-Rated for use in outside locations

Experience the Difference

Our cam-type connectors are designed for easy assembly and disassembly without special tools. An insulated screw is used to tightly secure the contact inside the insulating sleeve, making assembly, disassembly and field repairs effortless. The connectors use plastic locking and reinforcement rings molded into insulating sleeves and receptacles. Under severe stress and load conditions, plastic locking and reinforcement rings will not melt, break or crack. Other quality differences include:

- Reusable sleeves and contacts
- Preservation of cable length
- Snug fit due to Helox shape of connection as well as cable cutoffs that accommodate a wide range of cable sizes
- Hard thermoplastic elastomer screw head provides strength and durability
- Collar around port provides protection for insulated screw
- Quick check for cable-to-contact connection

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

Single Pole Cam-Type Connectors

LEVITON
Building a Connected World

Ampacity Chart

CABLE SIZE	MAXIMUM ALLOWABLE AMPACITIES		
	60°C (140°F) Cable	75°C (167°F) Cable	90°C (194°F) Cable
#8	60	70	80
#6	80	95	105
#4	105	125	125
#3	120	145	165
#2	140	170	190
#1	165	195	220
1/0	195	230	260
2/0	225	265	300
3/0	260	310	350
4/0	300	360	400
250MCM	340	405	455
300MCM	375	445	505
350MCM	420	505	570
400MCM	455	545	615
500MCM	515	620	690

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

15D21-E

15D22-E

15D23-B

15D24-G

SPECIFICATIONS & FEATURES

- The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- NEMA 3R-Rated for use in outside locations

15 Series — Taper Nose — Up to 125 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Set Screw (Cable Size: #8–#4)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D21-E	15D21-C	15SDM-48E
White	15D21-W	15D21-C	15SDM-48W
Red	15D21-R	15D21-C	15SDM-48R
Blue	15D21-B	15D21-C	15SDM-48B
Green	15D21-G	15D21-C	15SDM-48G
Yellow	15D21-Y	15D21-C	15SDM-48Y
Orange	15D21-O	15D21-C	15SDM-48O
Brown	15D21-H	15D21-C	15SDM-48H

Female Detachable Plug—Set Screw (Cable Size: #8–#4)

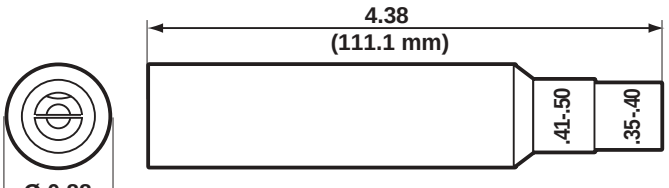
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D22-E	15D22-C	15SDF-48E
White	15D22-W	15D22-C	15SDF-48W
Red	15D22-R	15D22-C	15SDF-48R
Blue	15D22-B	15D22-C	15SDF-48B
Green	15D22-G	15D22-C	15SDF-48G
Yellow	15D22-Y	15D22-C	15SDF-48Y
Orange	15D22-O	15D22-C	15SDF-48O
Brown	15D22-H	15D22-C	15SDF-48H

Male Detachable Plug—Crimped (Cable Size: #8–#4)

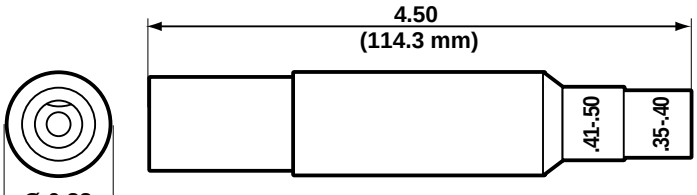
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D23-E	15D23-C	15SDM-48E
White	15D32-W	15D23-C	15SDM-48W
Red	15D23-R	15D23-C	15SDM-48R
Blue	15D23-B	15D23-C	15SDM-48B
Green	15D23-G	15D23-C	15SDM-48G
Yellow	15D23-Y	15D23-C	15SDM-48Y
Orange	15D23-O	15D23-C	15SDM-48O
Brown	15D23-H	15D23-C	15SDM-48H

Female Detachable Plug—Crimped (Cable Size: #8–#4)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D24-E	15D24-C	15SDF-48E
White	15D24-W	15D24-C	15SDF-48W
Red	15D24-R	15D24-C	15SDF-48R
Blue	15D24-B	15D24-C	15SDF-48B
Green	15D24-G	15D24-C	15SDF-48G
Yellow	15D24-Y	15D24-C	15SDF-48Y
Orange	15D24-O	15D24-C	15SDF-48O
Brown	15D24-H	15D24-C	15SDF-48H



MALE DETACHABLE PLUG
SET SCREW Cat. No. 15D21 — CRIMPED Cat. No. 15D23



FEMALE DETACHABLE PLUG—
SET SCREW Cat. No. 15D22 — CRIMPED Cat. No. 15D24

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ....Building a Connected World

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

15 Series — Taper Nose — Up to 125 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Panel Receptacle—Threaded Stud **(Cable Size: #8–#4)**

	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	15R21-E	15R22-E
White	15R21-W	15R22-W
Red	15R21-R	15R22-R
Blue	15R21-B	15R22-B
Green	15R21-G	15R22-G
Yellow	15R21-Y	15R22-Y
Orange	15R21-O	15R22-O
Brown	15R21-H	15R22-H

Standard stud length .50". Other lengths available

15R21-R

15P21-E

Protective Caps

	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	15P21-E	15P22-E

15A21-G

Three-way "T" Connector

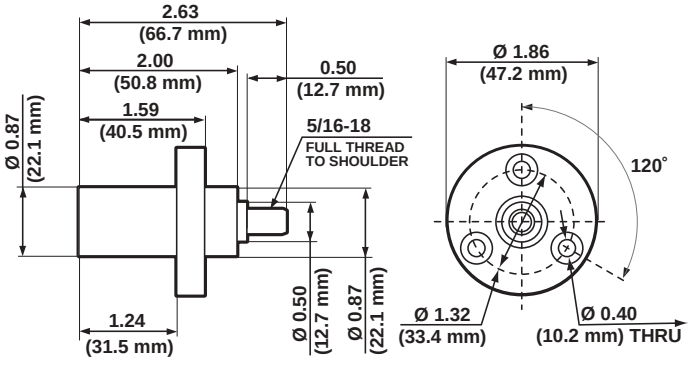
	PARALLELING T FEMALE-MALE-MALE	TAPPING T FEMALE-FEMALE-MALE	DOUBLE FEMALE FEMALE-FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.
Black	15A21-E	15A22-E	15A23-E
White	15A21-W	15A22-W	15A23-W
Red	15A21-R	15A22-R	15A23-R
Blue	15A21-B	15A22-B	15A23-B
Green	15A21-G	15A22-G	15A23-G

SPECIFICATIONS & FEATURES

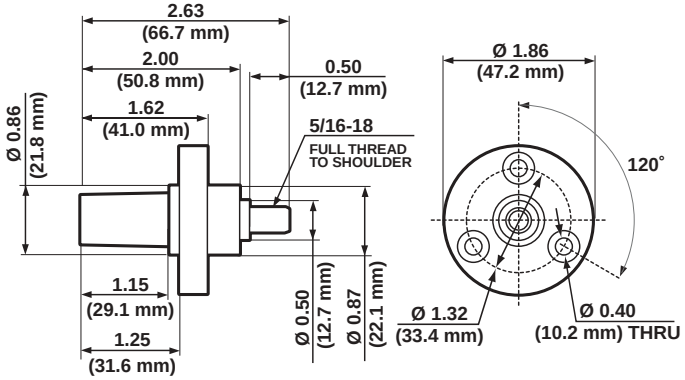
- The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406
- NEMA 3R-Rated for use in outside locations



MALE PANEL RECEPTACLE TREADED STUD
Cat. No. 15R21



FEMALE PANEL RECEPTACLE TREADED STUD
Cat. No. 15R22

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16D21-O

16D29-G

16D23-B

16D32-W

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Single Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D21-E	16D21-C	16SDM-22E
White	16D21-W	16D21-C	16SDM-22W
Red	16D21-R	16D21-C	16SDM-22R
Blue	16D21-B	16D21-C	16SDM-22B
Green	16D21-G	16D21-C	16SDM-22G
Yellow	16D21-Y	16D21-C	16SDM-22Y
Orange	16D21-O	16D21-C	16SDM-22O
Brown	16D21-H	16D21-C	16SDM-22H

Female Detachable Plug—Single Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D29-E	16D29-C	16SDF-22E
White	16D29-W	16D29-C	16SDF-22W
Red	16D29-R	16D29-C	16SDF-22R
Blue	16D29-B	16D29-C	16SDF-22B
Green	16D29-G	16D29-C	16SDF-22G
Yellow	16D29-Y	16D29-C	16SDF-22Y
Orange	16D29-O	16D29-C	16SDF-22O
Brown	16D29-H	16D29-C	16SDF-22H

16 Series — Taper Nose — Up to 400 AMP,* 600V

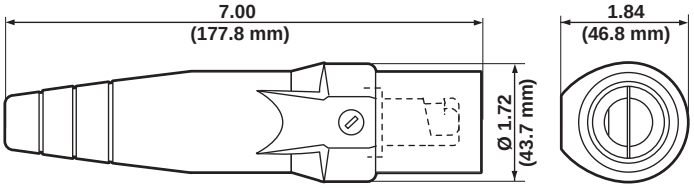
*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Single Set Screw ***(Cable Size: 1/0–4/0)***

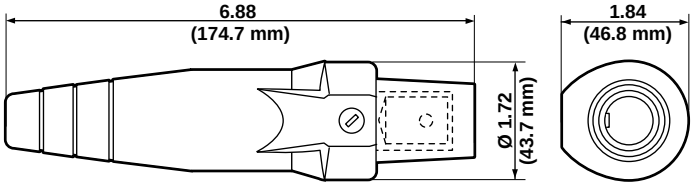
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D23-E	16D23-C	16SDM-14E
White	16D23-W	16D23-C	16SDM-14W
Red	16D23-R	16D23-C	16SDM-14R
Blue	16D23-B	16D23-C	16SDM-14B
Green	16D23-G	16D23-C	16SDM-14G
Yellow	16D23-Y	16D23-C	16SDM-14Y
Orange	16D23-O	16D23-C	16SDM-14O
Brown	16D23-H	16D23-C	16SDM-14H

Female Detachable Plug—Single Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D32-E	16D32-C	16SDF-14E
White	16D32-W	16D32-C	16SDF-14W
Red	16D32-R	16D32-C	16SDF-14R
Blue	16D32-B	16D32-C	16SDF-14B
Green	16D32-G	16D32-C	16SDF-14G
Yellow	16D32-Y	16D32-C	16SDF-14Y
Orange	16D32-O	16D32-C	16SDF-14O
Brown	16D32-H	16D32-C	16SDF-14H



MALE DETACHABLE PLUG—SINGLE SET SCREW
Cat. No. 16D21 and 16D23



FEMALE DETACHABLE PLUG—SINGLE SET SCREW
Cat. No. 16D29 AND 16D32

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

LEVITON Building a Connected World

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D22-E	16D22-C	16SDM-22E
White	16D22-W	16D22-C	16SDM-22W
Red	16D22-R	16D22-C	16SDM-22R
Blue	16D22-B	16D22-C	16SDM-22B
Green	16D22-G	16D22-C	16SDM-22G
Yellow	16D22-Y	16D22-C	16SDM-22Y
Orange	16D22-O	16D22-C	16SDM-22O
Brown	16D22-H	16D22-C	16SDM-22H

Female Detachable Plug—Double Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D31-E	16D31-C	16SDF-22E
White	16D31-W	16D31-C	16SDF-22W
Red	16D31-R	16D31-C	16SDF-22R
Blue	16D31-B	16D31-C	16SDF-22B
Green	16D31-G	16D31-C	16SDF-22G
Yellow	16D31-Y	16D31-C	16SDF-22Y
Orange	16D31-O	16D31-C	16SDF-22O
Brown	16D31-H	16D31-C	16SDF-22H

16 Series — Taper Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D24-E	16D24-C	16SDM-14E
White	16D24-W	16D24-C	16SDM-14W
Red	16D24-R	16D24-C	16SDM-14R
Blue	16D24-B	16D24-C	16SDM-14B
Green	16D24-G	16D24-C	16SDM-14G
Yellow	16D24-Y	16D24-C	16SDM-14Y
Orange	16D24-O	16D24-C	16SDM-14O
Brown	16D24-H	16D24-C	16SDM-14H

Female Detachable Plug—Double Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D33-E	16D33-C	16SDF-14E
White	16D33-W	16D33-C	16SDF-14W
Red	16D33-R	16D33-C	16SDF-14R
Blue	16D33-B	16D33-C	16SDF-14B
Green	16D33-G	16D33-C	16SDF-14G
Yellow	16D33-Y	16D33-C	16SDF-14Y
Orange	16D33-O	16D33-C	16SDF-14O
Brown	16D33-H	16D33-C	16SDF-14H

16D22-E

16D31-O

16D24-Y

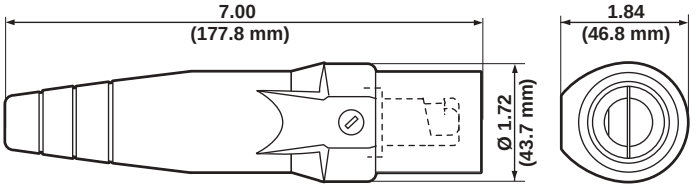
16D33-O

SPECIFICATIONS & FEATURES

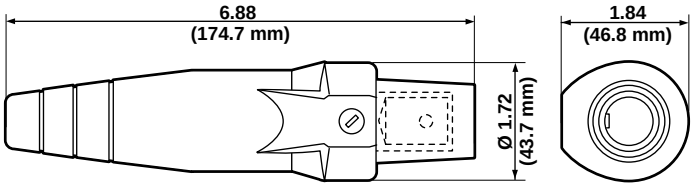
- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406
- NEMA 3R-Rated for use in outside locations



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D22 and 16D24



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D31 AND 16D33

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16D25-R

16D34-B

16D26-G

16D35-Y

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D25-E	16D25-C	16SDM-22E
White	16D25-W	16D25-C	16SDM-22W
Red	16D25-R	16D25-C	16SDM-22R
Blue	16D25-B	16D25-C	16SDM-22B
Green	16D25-G	16D25-C	16SDM-22G
Yellow	16D25-Y	16D25-C	16SDM-22Y
Orange	16D25-O	16D25-C	16SDM-22O
Brown	16D25-H	16D25-C	16SDM-22H

Female Detachable Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D34-E	16D34-C	16SDF-22E
White	16D34-W	16D34-C	16SDF-22W
Red	16D34-R	16D34-C	16SDF-22R
Blue	16D34-B	16D34-C	16SDF-22B
Green	16D34-G	16D34-C	16SDF-22G
Yellow	16D34-Y	16D34-C	16SDF-22Y
Orange	16D34-O	16D34-C	16SDF-22O
Brown	16D34-H	16D34-C	16SDF-22H

16 Series — Taper Nose — Up to 235 AMP,*

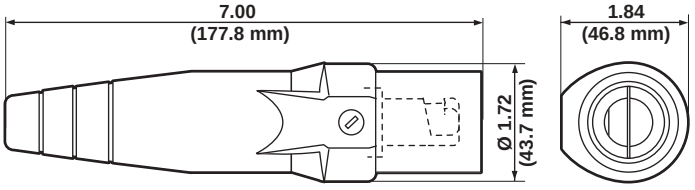
*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

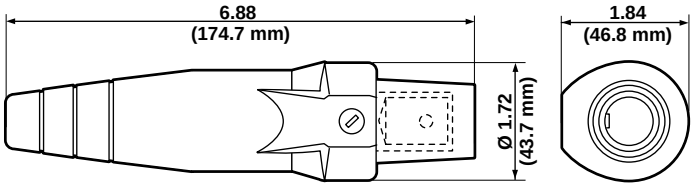
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D26-E	16D26-C	16SDM-22E
White	16D26-W	16D26-C	16SDM-22W
Red	16D26-R	16D26-C	16SDM-22R
Blue	16D26-B	16D26-C	16SDM-22B
Green	16D26-G	16D26-C	16SDM-22G
Yellow	16D26-Y	16D26-C	16SDM-22Y
Orange	16D26-O	16D26-C	16SDM-22O
Brown	16D26-H	16D26-C	16SDM-22H

Female Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D35-E	16D35-C	16SDF-22E
White	16D35-W	16D35-C	16SDF-22W
Red	16D35-R	16D35C	16SDF-22R
Blue	16D35-B	16D35-C	16SDF-22B
Green	16D35-G	16D35-C	16SDF-22G
Yellow	16D35-Y	16D35-C	16SDF-22Y
Orange	16D35-O	16D35-C	16SDF-22O
Brown	16D35-H	16D35-C	16SDF-22H



MALE DETACHABLE PLUG—CRIMPED
Cat. No. 16D25 and 16D26



FEMALE DETACHABLE PLUG—CRIMPED
Cat. No. 16D34 AND 16D35

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16 Series — Taper Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D28-E	16D28-C	16SDM-14E
White	16D28-W	16D28-C	16SDM-14W
Red	16D28-R	16D28-C	16SDM-14R
Blue	16D28-B	16D28-C	16SDM-14B
Green	16D28-G	16D28-C	16SDM-14G
Yellow	16D28-Y	16D28-C	16SDM-14Y
Orange	16D28-O	16D28-C	16SDM-14O
Brown	16D28-H	16D28-C	16SDM-14H

Female Detachable Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D37-E	16D37-C	16SDF-14E
White	16D37-W	16D37-C	16SDF-14W
Red	16D37-R	16D37-C	16SDF-14R
Blue	16D37-B	16D37-C	16SDF-14B
Green	16D37-G	16D37-C	16SDF-14G
Yellow	16D37-Y	16D37-C	16SDF-14Y
Orange	16D37-O	16D37-C	16SDF-14O
Brown	16D37-H	16D37-C	16SDF-14H

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Heavy Duty Male Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

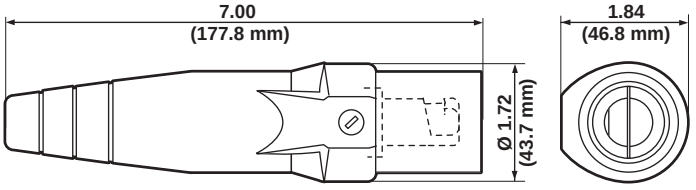
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D27-E	16D27-C	16SDM-HDE
White	16D27-W	16D27-C	16SDM-HDW
Red	16D27-R	16D27-C	16SDM-HDR
Blue	16D27-B	16D27-C	16SDM-HDB
Green	16D27-G	16D27-C	16SDM-HDG
Yellow	16D27-Y	16D27-C	16SDM-HDY
Orange	16D27-O	16D27-C	16SDM-HDO
Brown	16D27-H	16D27-C	16SDM-HDH

Heavy Duty Female Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

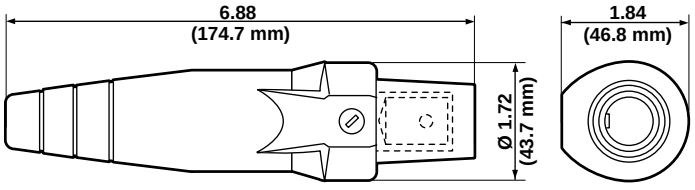
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D36-E	16D36-C	16SDF-HDE
White	16D36-W	16D36-C	16SDF-HDW
Red	16D36-R	16D36-C	16SDF-HDR
Blue	16D36-B	16D36-C	16SDF-HDB
Green	16D36-G	16D36-C	16SDF-HDG
Yellow	16D36-Y	16D36-C	16SDF-HDY
Orange	16D36-O	16D36-C	16SDF-HDO
Brown	16D36-H	16D36-C	16SDF-HDH

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.



MALE DETACHABLE PLUG—CRIMPED Cat. No. 16D28
HEAVY DUTY MALE DETACHABLE PLUG—CRIMPED Cat. No. 16D27



FEMALE DETACHABLE PLUG—CRIMPED Cat. No. 16D37
HEAVY DUTY FEMALE DETACHABLE PLUG—CRIMPED Cat. No. 16D36

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16 Series — Caps and Covers

16P22-E

Protective Caps

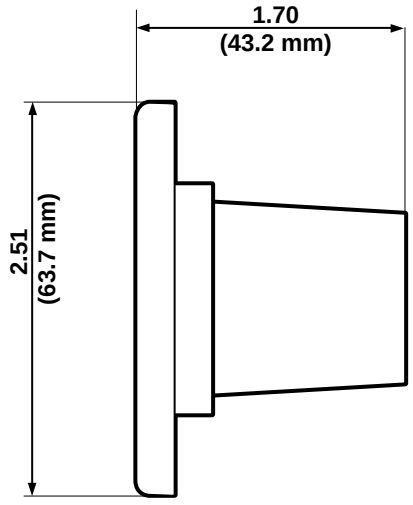
	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	16P21-E	16P22-E
White	16P21-W	16P22-W
Red	16P21-R	16P22-R
Blue	16P21-B	16P22-B
Green	16P21-G	16P22-G
Yellow	16P21-Y	16P22-Y
Orange	16P21-O	16P22-O
Brown	16P21-H	16P22-H

16S21-O

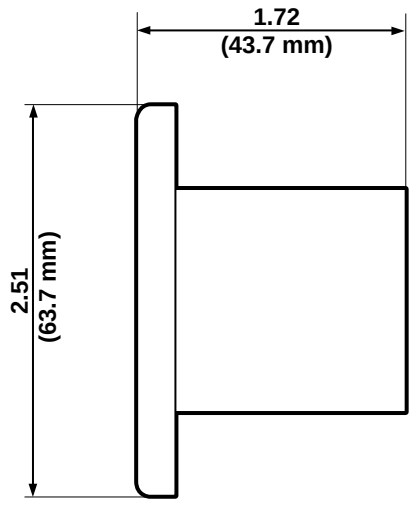
Snap Back Cover—for Male and Female Panel Receptacle

COLOR	CAT. NO.
Black	16S21-E
White	16S21-W
Red	16S21-R
Blue	16S21-B
Green	16S21-G
Yellow	16S21-Y
Orange	16S21-O
Brown	16S21-H

16S21-E mounted on 16R24-14R



MALE PROTECTIVE CAP
Cat. No. 16P21



FEMALE PROTECTIVE CAP
Cat. No. 16P22

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V21-E	16V21-C	16SVM-21E
White	16V21-W	16V21-C	16SVM-21W
Red	16V21-R	16V21-C	16SVM-21R
Blue	16V21-B	16V21-C	16SVM-21B
Green	16V21-G	16V21-C	16SVM-21G
Yellow	16V21-Y	16V21-C	16SVM-21Y
Orange	16V21-O	16V21-C	16SVM-21O
Brown	16V21-H	16V21-C	16SVM-21H

Female Vulcanized Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V25-E	16V25-C	16SVF-21E
White	16V25-W	16V25-C	16SVF-21W
Red	16V25-R	16V25-C	16SVF-21R
Blue	16V25-B	16V25-C	16SVF-21B
Green	16V25-G	16V25-C	16SVF-21G
Yellow	16V25-Y	16V25-C	16SVF-21Y
Orange	16V25-O	16V25-C	16SVF-21O
Brown	16V25-H	16V25-C	16SVF-21H

Male Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V22-E	16V22-C	16SVM-12E
White	16V22-W	16V22-C	16SVM-12W
Red	16V22-R	16V22-C	16SVM-12R
Blue	16V22-B	16V22-C	16SVM-12B
Green	16V22-G	16V22-C	16SVM-12G
Yellow	16V22-Y	16V22-C	16SVM-12Y
Orange	16V22-O	16V22-C	16SVM-12O
Brown	16V22-H	16V22-C	16SVM-12H

Female Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V26-E	16V26C	16SVF-12E
White	16V26-W	16V26-C	16SVF-12W
Red	16V26-R	16V26-C	16SVF-12R
Blue	16V26-B	16V26-C	16SVF-12B
Green	16V26-G	16V26-C	16SVF-12G
Yellow	16V26-Y	16V26-C	16SVF-12Y
Orange	16V26-O	16V26-C	16SVF-12O
Brown	16V26-H	16V26-C	16SVF-12H

16V21-G

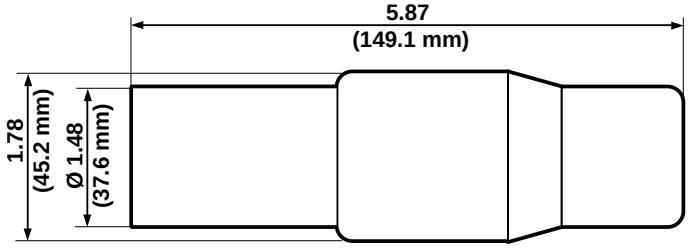
16V25-Y

16V22-B

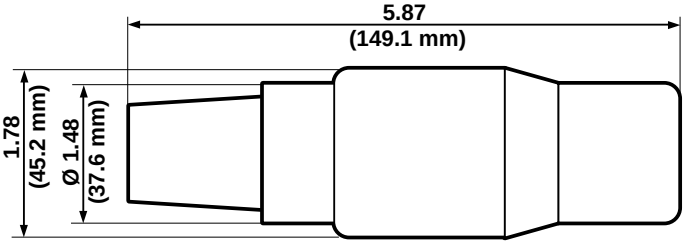
16V26-R

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 16V21 and Cat. No. 16V22



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 16V25 and Cat. No. 16V26

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16V23-O

16V27-G

16V24-Y

16V28-E

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

16 Series — Taper Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Heavy Duty Male Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V23-E	16V23-C	16SVM-HDE
White	16V23-W	16V23-C	16SVM-HDW
Red	16V23-R	16V23-C	16SVM-HDR
Blue	16V23-B	16V23-C	16SVM-HDB
Green	16V23-G	16V23-C	16SVM-HDG
Yellow	16V23-Y	16V23-C	16SVM-HDY
Orange	16V23-O	16V23-C	16SVM-HDO
Brown	16V23-H	16V23-C	16SVM-HDH

Heavy Duty Female Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V27-E	16V27-C	16SVF-HDE
White	16V27-W	16V27-C	16SVF-HDW
Red	16V27-R	16V27-C	16SVF-HDR
Blue	16V27-B	16V27-C	16SVF-HDB
Green	16V27-G	16V27-C	16SVF-HDG
Yellow	16V27-Y	16V27-C	16SVF-HDY
Orange	16V27-O	16V27-C	16SVF-HDO
Brown	16V27-H	16V27-C	16SVF-HDH

16 Series — Taper Nose — Up to 400 AMP,* 600V

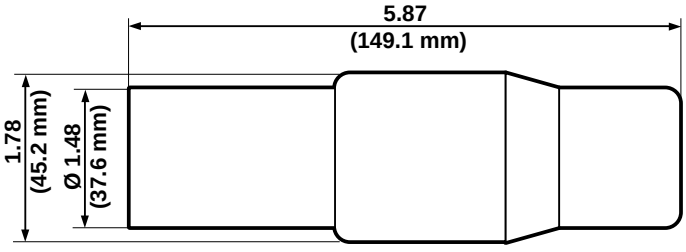
*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 3/0–4/0)***

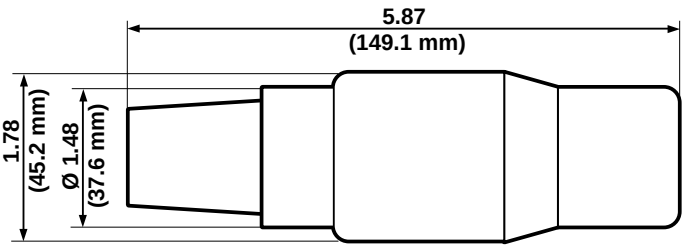
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V24-E	16V24-C	16SVM-34E
White	16V24-W	16V24-C	16SVM-34W
Red	16V24-R	16V24-C	16SVM-34R
Blue	16V24-B	16V24-C	16SVM-34B
Green	16V24-G	16V24-C	16SVM-34G
Yellow	16V24-Y	16V24-C	16SVM-34Y
Orange	16V24-O	16V24-C	16SVM-34O
Brown	16V24-H	16V24-C	16SVM-34H

Female Vulcanized Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16V28-E	16V28-C	16SVF-34E
White	16V28-W	16V28-C	16SVF-34W
Red	16V28-R	16V28-C	16SVF-34R
Blue	16V28-B	16V28-C	16SVF-34B
Green	16V28-G	16V28-C	16SVF-34G
Yellow	16V28-Y	16V28-C	16SVF-34Y
Orange	16V28-O	16V28-C	16SVF-34O
Brown	16V28-H	16V28-C	16SVF-34H



HEAVY DUTY MALE VULCANIZED PLUG—CRIMPED Cat. No. 16V23
MALE VULCANIZED PLUG—CRIMPED Cat. No. 16V24



HEAVY DUTY FEMALE VULCANIZED PLUG—CRIMPED Cat. No. 16V27
FEMALE VULCANIZED PLUG—CRIMPED Cat. No. 16V28

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

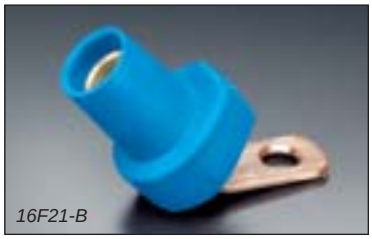
LEVITON Building a Connected World

16 Series — Taper Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Female Terminal Connector ***(Cable Size: #2–4/0)***

	ANGLE STYLE	OFFSET STYLE
COLOR	CAT. NO.	CAT. NO.
Black	16F21-E	16F22-E
White	16F21-W	16F22-W
Red	16F21-R	16F22-R
Blue	16F21-B	16F22-B
Green	16F21-G	16F22-G
Yellow	16F21-Y	16F22-Y
Orange	16F21-O	16F22-O
Brown	16F21-H	16F22-H


16F21-B

16R21-R

Panel Receptacle

	DOUBLE SET SCREW STYLE (CABLE SIZE: 1/0–4/0)		THREADED STUD STYLE (CABLE SIZE: #2–4/0)	
	MALE	FEMALE	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	16R21-E	16R22-E	16R23-E	16R24-E
White	16R21-W	16R22-W	16R23-W	16R24-W
Red	16R21-R	16R22-R	16R23-R	16R24-R
Blue	16R21-B	16R22-B	16R23-B	16R24-B
Green	16R21-G	16R22-G	16R23-G	16R24-G
Yellow	16R21-Y	16R22-Y	16R23-Y	16R24-Y
Orange	16R21-O	16R22-O	16R23-O	16R24-O
Brown	16R21-H	16R22-H	16R23-H	16R24-H

Threaded stud panel receptacles available in various lengths: Standard stud length is 3/4"—1" stud length specify–10 suffix; 1.125" stud length specify–11 suffix; 1.25" stud length specify–12 suffix; 1.50" stud length specify–14 suffix; 2.00" stud length specify–20 suffix (16R24 only). Other stud lengths available.

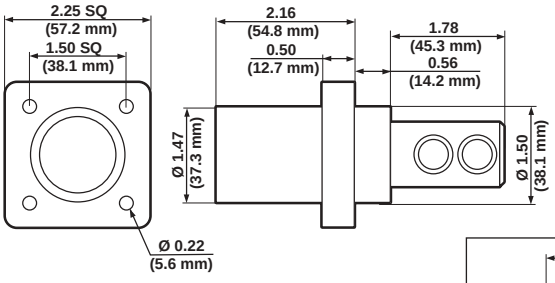
SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

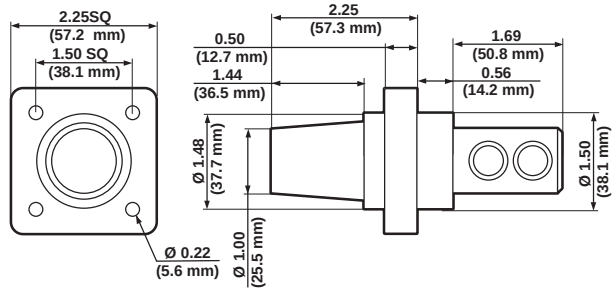
TESTING & CODE COMPLIANCE

(PANEL RECEPTACLES ONLY)

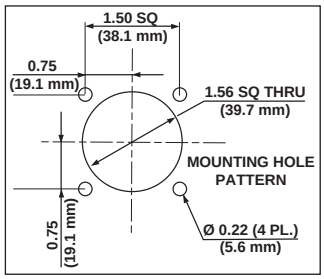
- UL Listed E-13399
- CSA Certified LR-406
- NEMA 3R-Rated for use in outside locations



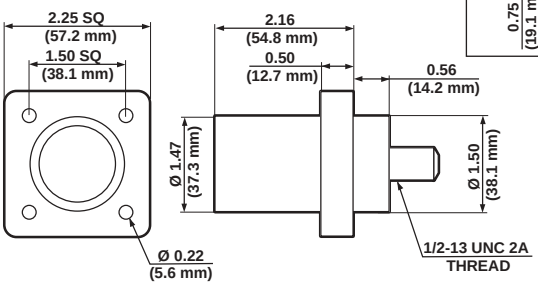
MALE DOUBLE SET SCREW PANEL RECEPTACLE—Cat. No. 16R21



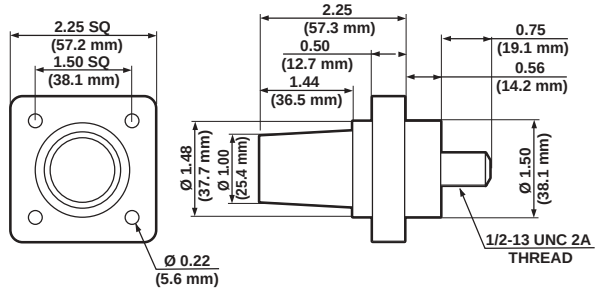
FEMALE DOUBLE SET SCREW PANEL RECEPTACLE—Cat. No. 16R22



PANEL CUTOUT DIMENSIONS



MALE THREADED STUD PANEL RECEPTACLE—Cat. No. 16R23



FEMALE THREADED STUD PANEL RECEPTACLE—Cat. No. 16R24

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

16A21-G

16A23-E

16A24-W

16RSW-R

SPECIFICATIONS & FEATURES

- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406
- NEMA 3R-Rated for use in outside locations

16 Series — Taper Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Multi-Way Connectors

	PARALLELING TEE FEMALE–MALE–MALE	TAPPING TEE FEMALE–FEMALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	16A21-E	16A22-E
White	16A21-W	16A22-W
Red	16A21-R	16A22-R
Blue	16A21-B	16A22-B
Green	16A21-G	16A22-G
Yellow	16A21-Y	16A22-Y
Orange	16A21-O	16A22-O
Brown	16A21-H	16A22-H

Multi-Way Connectors

	3-FER MALE–FEMALE–FEMALE–FEMALE	3-FER FEMALE–MALE–MALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	16A23-E	16A26-E
White	16A23-W	16A26-W
Red	16A23-R	16A26-R
Blue	16A23-B	16A26-B
Green	16A23-G	16A26-G
Yellow	16A23-Y	16A26-Y
Orange	16A23-O	16A26-O
Brown	16A23-H	16A26-H

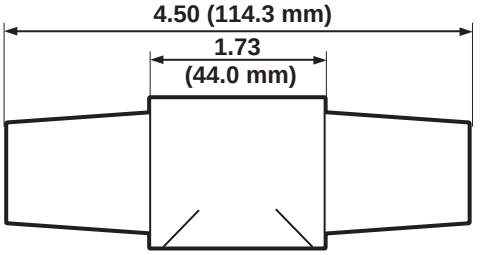
Multi-Way Connectors

	DOUBLE FEMALE FEMALE–FEMALE	DOUBLE MALE MALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	16A24-E	16A25-E
White	16A24-W	16A25W
Red	16A24-R	16A25-R
Blue	16A24-B	16A25-B
Green	16A24-G	16A25-G
Yellow	16A24-Y	16A25-Y
Orange	16A24-O	16A25-O
Brown	16A24-H	16A25-H

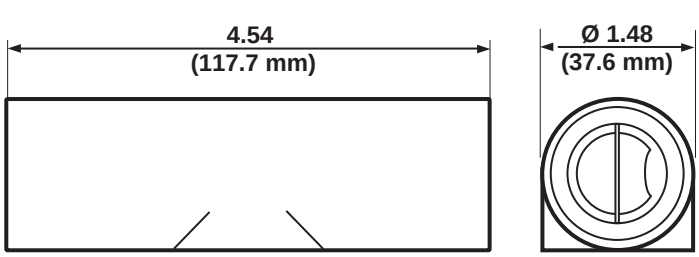
Panel Receptacle—with Micro Switch

	THREADED STUD STYLE (CABLE SIZE: #2–4/0) FEMALE
COLOR	CAT. NO.
Red	16RSW-R
Black	16RSW-E

*Available in various threaded stud lengths
**The 400-ampere connectors are UL Listed when used with 4/0, 90˚ C or 105˚ C cable



MULTI-WAY CONNECTOR—FEMALE TO FEMALE—Cat. No. 16A24



MULTI-WAY CONNECTOR—MALE TO MALE—Cat. No. 16A25

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18 Series — Ball Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Single Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D21-E	18D21-C	18SDM-22E
White	18D21-W	18D21-C	18SDM-22W
Red	18D21-R	18D21-C	18SDM-22R
Blue	18D21-B	18D21-C	18SDM-22B
Green	18D21-G	18D21-C	18SDM-22G
Yellow	18D21-Y	18D21-C	18SDM-22Y
Orange	18D21-O	18D21-C	18SDM-22O
Brown	18D21-H	18D21-C	18SDM-22H

Female Detachable Plug—Single Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D29-E	18D29-C	18SDF-22E
White	18D29-W	18D29-C	18SDF-22W
Red	18D29-R	18D29-C	18SDF-22R
Blue	18D29-B	18D29-C	18SDF-22B
Green	18D29-G	18D29-C	18SDF-22G
Yellow	18D29-Y	18D29-C	18SDF-22Y
Orange	18D29-O	18D29-C	18SDF-22O
Brown	18D29-H	18D29-C	18SDF-22H

18 Series — Ball Nose — Up to 400 AMP,*

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Single Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D23-E	18D23-C	18SDM-14E
White	18D23-W	18D23-C	18SDM-14W
Red	18D23-R	18D23-C	18SDM-14R
Blue	18D23-B	18D23-C	18SDM-14B
Green	18D23-G	18D23-C	18SDM-14G
Yellow	18D23-Y	18D23-C	18SDM-14Y
Orange	18D23-O	18D23-C	18SDM-14O
Brown	18D23-H	18D23-C	18SDM-14H

Female Detachable Plug—Single Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D32-E	18D32-C	18SDF-14E
White	18D32-W	18D32-C	18SDF-14W
Red	18D32-R	18D32-C	18SDF-14R
Blue	18D32-B	18D32-C	18SDF-14B
Green	18D32-G	18D32-C	18SDF-14G
Yellow	18D32-Y	18D32-C	18SDF-14Y
Orange	18D32-O	18D32-C	18SDF-14O
Brown	18D32-H	18D32-C	18SDF-14H

18D21-B

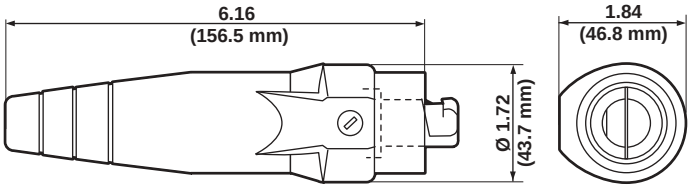
18D29-O

18D23-Y

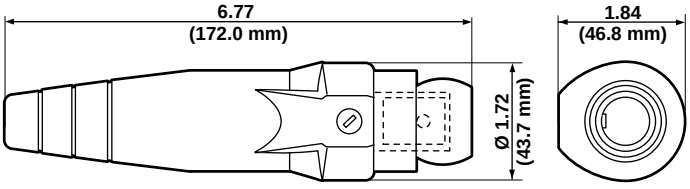
18D32-H

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States



MALE DETACHABLE PLUG—SINGLE SET SCREW
Cat. No. 18D21 and Cat. No. 18D23



FEMALE DETACHABLE PLUG—SINGLE SET SCREW
Cat. No. 18D29 and Cat. No. 18D32

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18D22-G

18D31-W

18D24-E

18D33-E

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406

18 Series — Ball Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D22-E	18D22-C	18SDM-22E
White	18D22-W	18D22-C	18SDM-22W
Red	18D22-R	18D22-C	18SDM-22R
Blue	18D22-B	18D22-C	18SDM-22B
Green	18D22-G	18D22-C	18SDM-22G
Yellow	18D22-Y	18D22-C	18SDM-22Y
Orange	18D22-O	18D22-C	18SDM-22O
Brown	18D22-H	18D22-C	18SDM-22H

Female Detachable Plug—Double Set Screw ***(Cable Size: #2–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D31-E	18D31-C	18SDF-22E
White	18D31-W	18D31-C	18SDF-22W
Red	18D31-R	18D31-C	18SDF-22R
Blue	18D31-B	18D31-C	18SDF-22B
Green	18D31-G	18D31-C	18SDF-22G
Yellow	18D31-Y	18D31-C	18SDF-22Y
Orange	18D31-O	18D31-C	18SDF-22O
Brown	18D31-H	18D31-C	18SDF-22H

18 Series — Ball Nose — Up to 400 AMP,* 600V

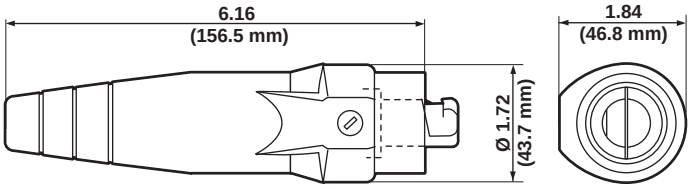
*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: 1/0–4/0)***

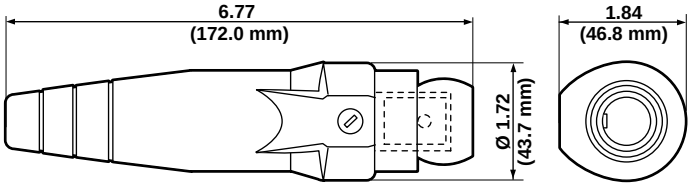
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D24-E	18D24-C	18SDM-14E
White	18D24-W	18D24-C	18SDM-14W
Red	18D24-R	18D24-C	18SDM-14R
Blue	18D24-B	18D24-C	18SDM-14B
Green	18D24-G	18D24-C	18SDM-14G
Yellow	18D24-Y	18D24-C	18SDM-14Y
Orange	18D24-O	18D24-C	18SDM-14O
Brown	18D24-H	18D24-C	18SDM-14H

Female Detachable Plug—Double Set Screw ***(Cable Size: 1/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D33-E	18D33-C	18SDF-14E
White	18D33-W	18D33-C	18SDF-14W
Red	18D33-R	18D33-C	18SDF-14R
Blue	18D33-B	18D33-C	18SDF-14B
Green	18D33-G	18D33-C	18SDF-14G
Yellow	18D33-Y	18D33-C	18SDF-14Y
Orange	18D33-O	18D33-C	18SDF-14O
Brown	18D33-H	18D33-C	18SDF-14H



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 18D22 and Cat. No. 18D24



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 18D31 and Cat. No. 18D33

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

LEVITON Building a Connected World

18 Series — Ball Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Crimped (Cable Size: #2–#1)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D25-E	18D25-C	18SDM-22E
White	18D25-W	18D25-C	18SDM-22W
Red	18D25-R	18D25-C	18SDM-22R
Blue	18D25-B	18D25-C	18SDM-22B
Green	18D25-G	18D25-C	18SDM-22G
Yellow	18D25-Y	18D25-C	18SDM-22Y
Orange	18D25-O	18D25-C	18SDM-22O
Brown	18D25-H	18D25-C	18SDM-22H

Female Detachable Plug—Crimped (Cable Size: #2–#1)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D34-E	18D34-C	18SDF-22E
White	18D34-W	18D34-C	18SDF-22W
Red	18D34-R	18D34-C	18SDF-22R
Blue	18D34-B	18D34-C	18SDF-22B
Green	18D34-G	18D34-C	18SDF-22G
Yellow	18D34-Y	18D34-C	18SDF-22Y
Orange	18D34-O	18D34-C	18SDF-22O
Brown	18D34-H	18D34-C	18SDF-22H

Male Detachable Plug—Crimped (Cable Size: 1/0–2/0)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D26-E	18D26-C	18SDM-22E
White	18D26-W	18D26-C	18SDM-22W
Red	18D26-R	18D26-C	18SDM-22R
Blue	18D26-B	18D26-C	18SDM-22B
Green	18D26-G	18D26-C	18SDM-22G
Yellow	18D26-Y	18D26-C	18SDM-22Y
Orange	18D26-O	18D26-C	18SDM-22O
Brown	18D26-H	18D26-C	18SDM-22H

Female Detachable Plug—Crimped (Cable Size: 1/0–2/0)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D35-E	18D35-C	18SDF-22E
White	18D35-W	18D35-C	18SDF-22W
Red	18D35-R	18D35-C	18SDF-22R
Blue	18D35-B	18D35C	18SDF-22B
Green	18D35-G	18D35-C	18SDF-22G
Yellow	18D35-Y	18D35-C	18SDF-22Y
Orange	18D35-O	18D35-C	18SDF-22O
Brown	18D35-H	18D35-C	18SDF-22H

18D25-Y

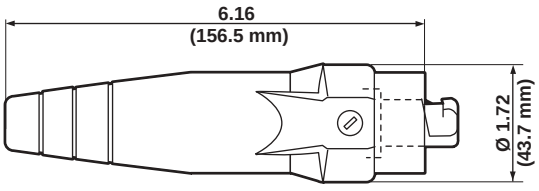
18D34-R

18D26-W

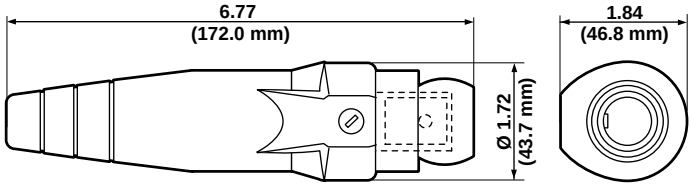
18D35-R

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States



MALE DETACHABLE PLUG—CRIMPED
Cat. No. 18D25 and Cat. No. 18D26



FEMALE DETACHABLE PLUG—CRIMPED
Cat. No. 18D34 and Cat. No. 18D35

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18D28-B

18D37-R

18D27-H

18D36-R

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

18 Series — Ball Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D28-E	18D28-C	18SDM-14E
White	18D28-W	18D28-C	18SDM-14W
Red	18D28-R	18D28-C	18SDM-14R
Blue	18D28-B	18D28-C	18SDM-14B
Green	18D28-G	18D28-C	18SDM-14G
Yellow	18D28-Y	18D28-C	18SDM-14Y
Orange	18D28-O	18D28-C	18SDM-14O
Brown	18D28-H	18D28-C	18SDM-14H

Female Detachable Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D37-E	18D37-C	18SDF-14E
White	18D37-W	18D37-C	18SDF-14W
Red	18D37-R	18D37-C	18SDF-14R
Blue	18D37-B	18D37-C	18SDF-14B
Green	18D37-G	18D37-C	18SDF-14G
Yellow	18D37-Y	18D37-C	18SDF-14Y
Orange	18D37-O	18D37-C	18SDF-14O
Brown	18D37-H	18D37-C	18SDF-14H

18 Series — Ball Nose — Up to 235 AMP,* 600V

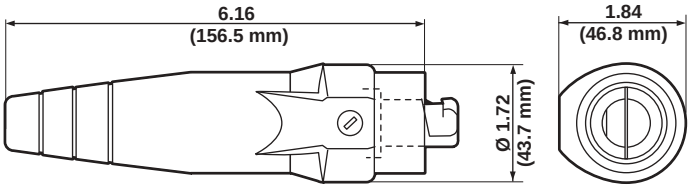
*Refer to Ampacity Chart for all cable sizes on page JJ2

Heavy Duty Male Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

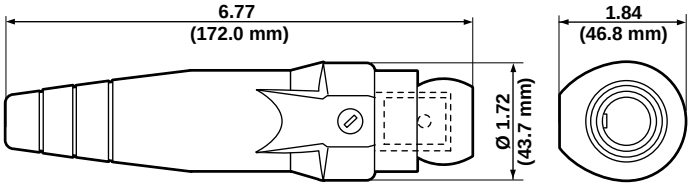
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D27-E	18D27-C	18SDM-HDE
White	18D27-W	18D27-C	18SDM-HDW
Red	18D27-R	18D27-C	18SDM-HDR
Blue	18D27-B	18D27-C	18SDM-HDB
Green	18D27-G	18D27-C	18SDM-HDG
Yellow	18D27-Y	18D27-C	18SDM-HDY
Orange	18D27-O	18D27-C	18SDM-HDO
Brown	18D27-H	18D27-C	18SDM-HDH

Heavy Duty Female Detachable Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18D36-E	18D36-C	18SDF-HDE
White	18D36-W	18D36-C	18SDF-HDW
Red	18D36-R	18D36-C	18SDF-HDR
Blue	18D36-B	18D36C	18SDF-HDB
Green	18D36-G	18D36-C	18SDF-HDG
Yellow	18D36-Y	18D36-C	18SDF-HDY
Orange	18D36-O	18D36-C	18SDF-HDO
Brown	18D36-H	18D36-C	18SDF-HDH



MALE DETACHABLE PLUG—CRIMPED Cat. No. 18D28
HEAVY DUTY MALE DETACHABLE PLUG—CRIMPED Cat. No. 18D27



FEMALE DETACHABLE PLUG—CRIMPED Cat. No. 18D37
HEAVY DUTY FEMALE DETACHABLE PLUG—CRIMPED Cat. No. 18D36

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18 Series — Ball Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V21-E	18V21-C	18SVM-21E
White	18V21-W	18V21-C	18SVM-21W
Red	18V21-R	18V21-C	18SVM-21R
Blue	18V21-B	18V21-C	18SVM-21B
Green	18V21-G	18V21-C	18SVM-21G
Yellow	18V21-Y	18V21-C	18SVM-21Y
Orange	18V21-O	18V21-C	18SVM-21O
Brown	18V21-H	18V21-C	18SVM-21H

Female Vulcanized Plug—Crimped ***(Cable Size: #2–#1)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V25-E	18V25-C	18SVF-21E
White	18V25-W	18V25-C	18SVF-21W
Red	18V25-R	18V25-C	18SVF-21R
Blue	18V25-B	18V25-C	18SVF-21B
Green	18V25-G	18V25-C	18SVF-21G
Yellow	18V25-Y	18V25-C	18SVF-21Y
Orange	18V25-O	18V25-C	18SVF-21O
Brown	18V25-H	18V25-C	18SVF-21H

Male Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V22-E	18V22-C	18SVM-12E
White	18V22-W	18V22-C	18SVM-12W
Red	18V22-R	18V22-C	18SVM-12R
Blue	18V22-B	18V22-C	18SVM-12B
Green	18V22-G	18V22-C	18SVM-12G
Yellow	18V22-Y	18V22-C	18SVM-12Y
Orange	18V22-O	18V22-C	18SVM-12O
Brown	18V22-H	18V22-C	18SVM-12H

Female Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V26-E	18V26-C	18SVF-12E
White	18V26-W	18V26-C	18SVF-12W
Red	18V26-R	18V26-C	18SVF-12R
Blue	18V26-B	18V26C	18SVF-12B
Green	18V26-G	18V26-C	18SVF-12G
Yellow	18V26-Y	18V26-C	18SVF-12Y
Orange	18V26-O	18V26-C	18SVF-12O
Brown	18V26-H	18V26-C	18SVF-12H

18V21-G

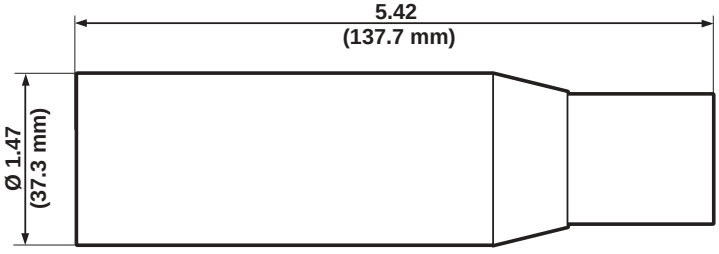
18V25-E

18V22-B

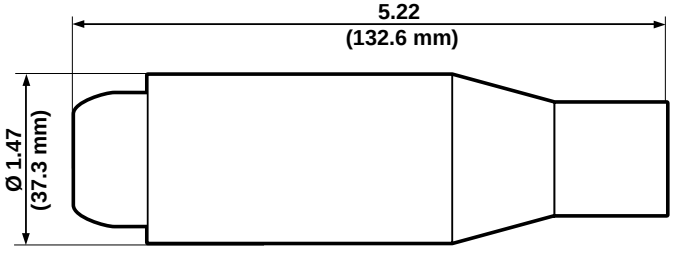
18V26-E

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 18V21 and Cat. No. 18V22



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 18V25 and Cat. No. 18V26

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18V23-O

18V27-E

18V24-Y

18V28-E

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

18 Series — Ball Nose — Up to 235 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Heavy Duty Male Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V23-E	18V23-C	18SVM-HDE
White	18V23-W	18V23-C	18SVM-HDW
Red	18V23-R	18V23-C	18SVM-HDR
Blue	18V23-B	18V23-C	18SVM-HDB
Green	18V23-G	18V23-C	18SVM-HDG
Yellow	18V23-Y	18V23-C	18SVM-HDY
Orange	18V23-O	18V23-C	18SVM-HDO
Brown	18V23-H	18V23-C	18SVM-HDH

Heavy Duty Female Vulcanized Plug—Crimped ***(Cable Size: 1/0–2/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V27-E	18V27-C	18SVF-HDE
White	18V27-W	18V27-C	18SVF-HDW
Red	18V27-R	18V27-C	18SVF-HDR
Blue	18V27-B	18V27-C	18SVF-HDB
Green	18V27-G	18V27-C	18SVF-HDG
Yellow	18V27-Y	18V27-C	18SVF-HDY
Orange	18V27-O	18V27-C	18SVF-HDO
Brown	18V27-H	18V27-C	18SVF-HDH

18 Series — Ball Nose — Up to 400 AMP,* 600V

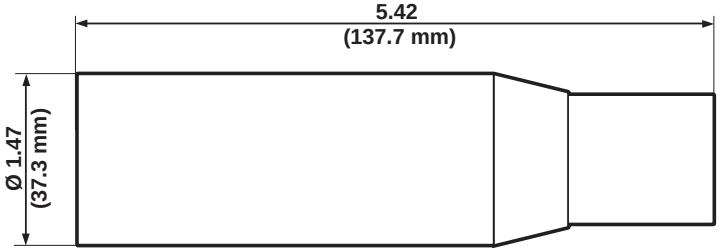
*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 3/0–4/0)***

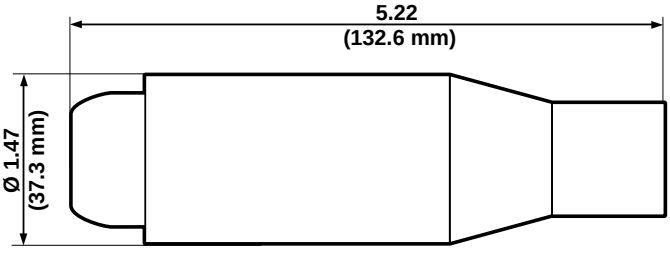
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V24-E	18V24-C	18SVM-34E
White	18V24-W	18V24-C	18SVM-34W
Red	18V24-R	18V24-C	18SVM-34R
Blue	18V24-B	18V24-C	18SVM-34B
Green	18V24-G	18V24-C	18SVM-34G
Yellow	18V24-Y	18V24-C	18SVM-34Y
Orange	18V24-O	18V24-C	18SVM-34O
Brown	18V24-H	18V24-C	18SVM-34H

Female Vulcanized Plug—Crimped ***(Cable Size: 3/0–4/0)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	18V28-E	18V28-C	18SVF-34E
White	18V28-W	18V28-C	18SVF-34W
Red	18V28-R	18V28-C	18SVF-34R
Blue	18V28-B	18V28C	18SVF-34B
Green	18V28-G	18V28-C	18SVF-34G
Yellow	18V28-Y	18V28-C	18SVF-34Y
Orange	18V28-O	18V28-C	18SVF-34O
Brown	18V28-H	18V28-C	18SVF-34H



HEAVY DUTY MALE VULCANIZED PLUG—CRIMPED Cat. No. 18V23
MALE VULCANIZED PLUG—CRIMPED Cat. No. 18V24



HEAVY DUTY FEMALE VULCANIZED PLUG—CRIMPED Cat. No. 18V27
FEMALE VULCANIZED PLUG—CRIMPED Cat. No. 18V28

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18 Series — Ball Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Female Terminal Connector ***(Cable Size: #2–4/0)***

	ANGLE STYLE	OFFSET STYLE
COLOR	CAT. NO.	CAT. NO.
Black	18F21-E	18F22-E
White	18F21-W	18F22-W
Red	18F21-R	18F22-R
Blue	18F21-B	18F22-B
Green	18F21-G	18F22-G
Yellow	18F21-Y	18F22-Y
Orange	18F21-O	18F22-O
Brown	18F21-H	18F22-H

18F22-E

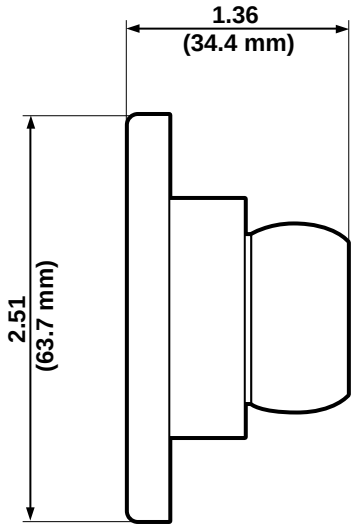
Protective Caps

	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	18P21-E	18P22-E
White	18P21-W	18P22-W
Red	18P21-R	18P22-R
Blue	18P21-B	18P22-B
Green	18P21-G	18P22-G
Yellow	18P21-Y	18P22-Y
Orange	18P21-O	18P22-O
Brown	18P21-H	18P22-H

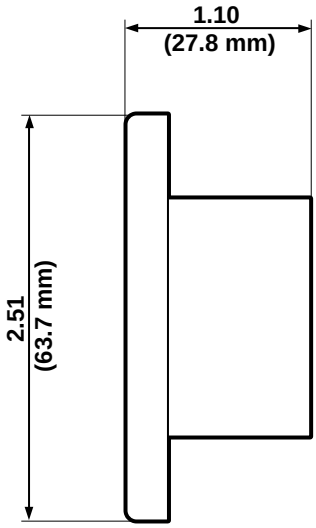
18P22-E

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States



MALE PROTECTIVE CAP
Cat. No. 18P21



FEMALE PROTECTIVE CAP
Cat. No. 18P22

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406

18 Series — Ball Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

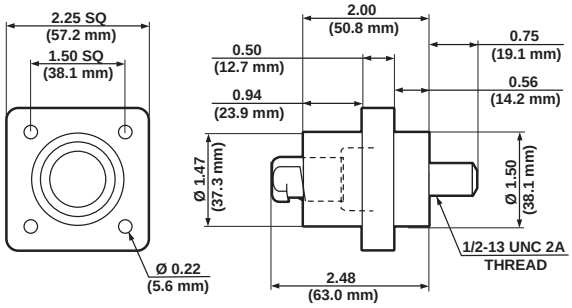
Panel Receptacle

	THREADED STUD STYLE (CABLE SIZE: #2–4/0)		DOUBLE SET SCREW STYLE (CABLE SIZE: 1/0–4/0)	
	MALE	FEMALE	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	18R21-E	18R22-E	18R23-E	18R24-E
White	18R21-W	18R22-W	18R23-W	18R24-W
Red	18R21-R	18R22-R	18R23-R	18R24-R
Blue	18R21-B	18R22-B	18R23-B	18R24-B
Green	18R21-G	18R22-G	18R23-G	18R24-G
Yellow	18R21-Y	18R22-Y	18R23-Y	18R24-Y
Orange	18R21-O	18R22-O	18R23-O	18R24-O
Brown	18R21-H	18R22-H	18R23-H	18R24-H

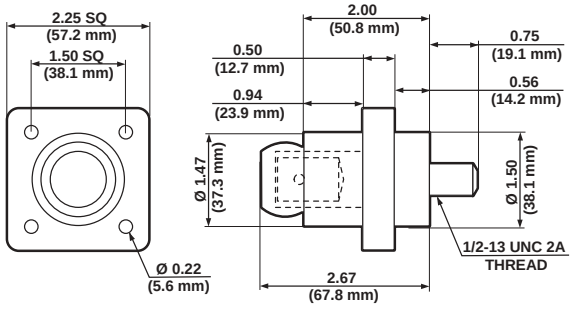
Three-Way Lay Down "T" Connectors

	PARALLELING TEE FEMALE–MALE–MALE	TAPPING TEE FEMALE–FEMALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	18A21-E	18A22-E
White	18A21-W	18A22-W
Red	18A21-R	18A22-R
Blue	18A21-B	18A22-B
Green	18A21-G	18A22-G
Yellow	18A21-Y	18A22-Y
Orange	18A21-O	18A22-O
Brown	18A21-H	18A22-H

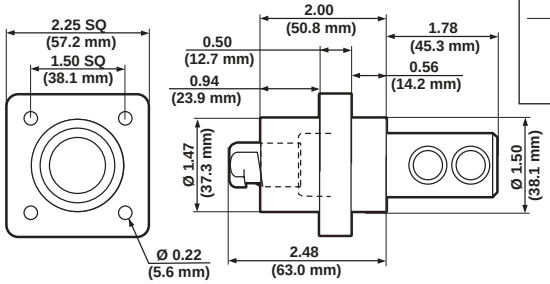
Threaded stud panel receptacles available in various lengths: Standard stud length is 3/4"—1.25" stud length specify–12 suffix. Other stud lengths available.



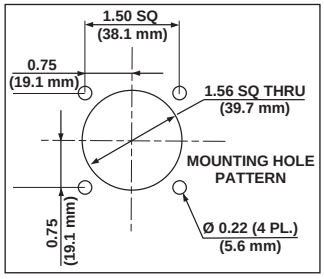
MALE THREADED STUD PANEL RECEPTACLE—Cat. No. 18R21



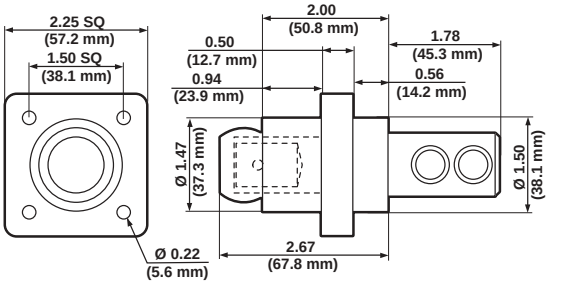
FEMALE THREADED STUD PANEL RECEPTACLE—Cat. No. 18R22



MALE DOUBLE SET SCREW PANEL RECEPTACLE—Cat. No. 18R23



PANEL CUTOUT DIMENSIONS



FEMALE DOUBLE SET SCREW PANEL RECEPTACLE—Cat. No. 18R24

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

18 Series — Ball Nose — Up to 400 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Multi-Way Connectors

	3-FER MALE–FEMALE–FEMALE–FEMALE	3-FER FEMALE–MALE–MALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	18A23-E	18A26-E
White	18A23-W	18A26-W
Red	18A23-R	18A26-R
Blue	18A23-B	18A26-B
Green	18A23-G	18A26-G
Yellow	18A23-Y	18A26-Y
Orange	18A23-O	18A26-O
Brown	18A23-H	18A26-H

18A23-E

Multi-Way Connectors

	DOUBLE FEMALE FEMALE–FEMALE	DOUBLE MALE MALE–MALE
COLOR	CAT. NO.	CAT. NO.
Black	18A24-E	18A25-E
White	18A24-W	18A25W
Red	18A24-R	18A25-R
Blue	18A24-B	18A25-B
Green	18A24-G	18A25-G
Yellow	18A24-Y	18A25-Y
Orange	18A24-O	18A25-O
Brown	18A24-H	18A25-H

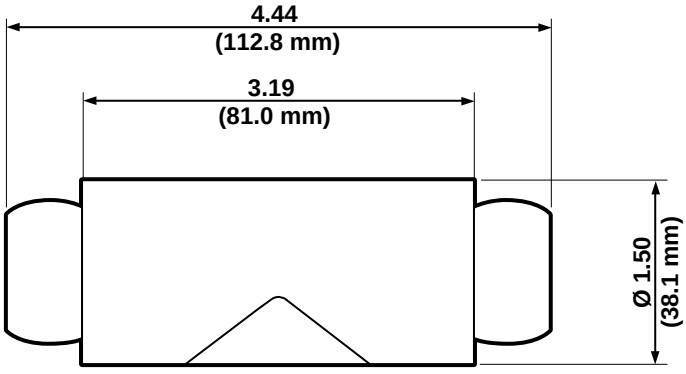
18A25-E

SPECIFICATIONS & FEATURES

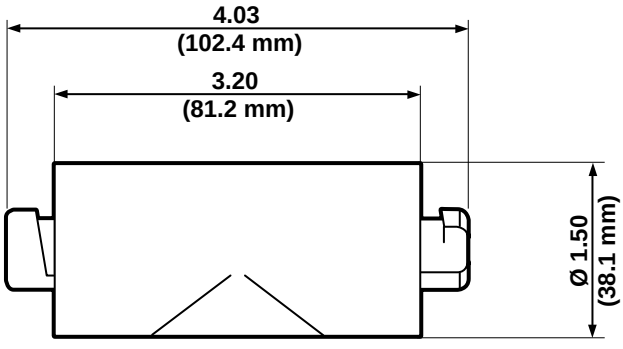
- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

TESTING & CODE COMPLIANCE

- UL Listed E-13399
- CSA Certified LR-406



MULTI-WAY CONNECTOR—FEMALE TO FEMALE
Cat. No. 18A24



MULTI-WAY CONNECTOR—MALE TO MALE
Cat. No. 18A25

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

17 Series — Taper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

17D21-W

Male Detachable Plug—Double Set Screw ***(Cable Size: 250–350MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D21-E	17D21-C	17SDM-E
White	17D21-W	17D21-C	17SDM-W
Red	17D21-R	17D21-C	17SDM-R
Blue	17D21-B	17D21-C	17SDM-B
Green	17D21-G	17D21-C	17SDM-G
Yellow	17D21-Y	17D21-C	17SDM-Y
Orange	17D21-O	17D21-C	17SDM-O
Brown	17D21-H	17D21-C	17SDM-H

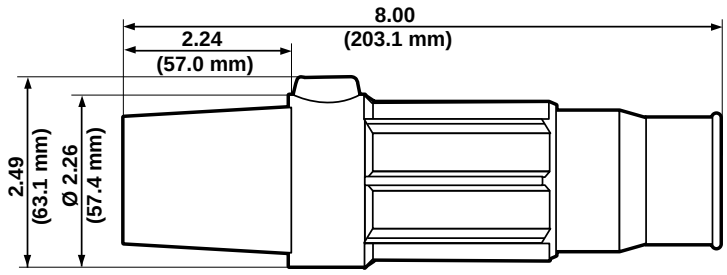
17D23-E

Female Detachable Plug—Double Set Screw ***(Cable Size: 250–350MCM)***

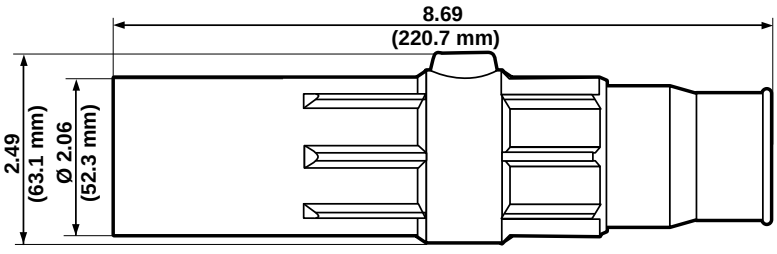
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D23-E	17D23-C	17SDF-E
White	17D23-W	17D23-C	17SDF-W
Red	17D23-R	17D23-C	17SDF-R
Blue	17D23-B	17D23-C	17SDF-B
Green	17D23-G	17D23-C	17SDF-G
Yellow	17D23-Y	17D23-C	17SDF-Y
Orange	17D23-O	17D23-C	17SDF-O
Brown	17D23-H	17D23-C	17SDF-H

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D21



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D23

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

17 Series — Taper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 250–350MCM)***

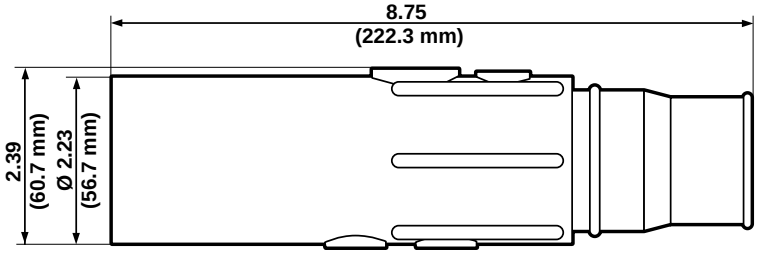
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V21-E	17V21-C	17SVM-E
White	17V21-W	17V21-C	17SVM-W
Red	17V21-R	17V21-C	17SVM-R
Blue	17V21-B	17V21-C	17SVM-B
Green	17V21-G	17V21-C	17SVM-G
Yellow	17V21-Y	17V21-C	17SVM-Y
Orange	17V21-O	17V21-C	17SVM-O
Brown	17V21-H	17V21-C	17SVM-H

Female Vulcanized Plug—Crimped ***(Cable Size: 250–350MCM)***

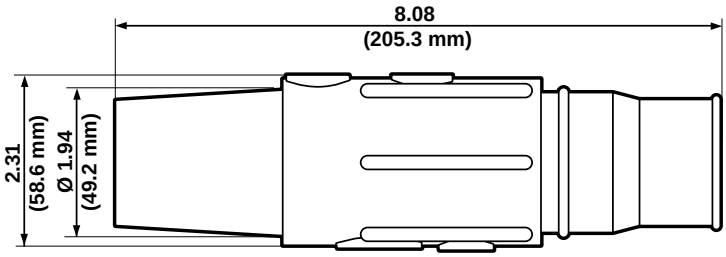
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V24-E	17V24-C	17SVF-E
White	17V24-W	17V24-C	17SVF-W
Red	17V24-R	17V24-C	17SVF-R
Blue	17V24-B	17V24-C	17SVF-B
Green	17V24-G	17V24-C	17SVF-G
Yellow	17V24-Y	17V24-C	17SVF-Y
Orange	17V24-O	17V24-C	17SVF-O
Brown	17V24-H	17V24-C	17SVF-H

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 17V21



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 17V24

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

17 Series — Taper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: 350–500MCM)***

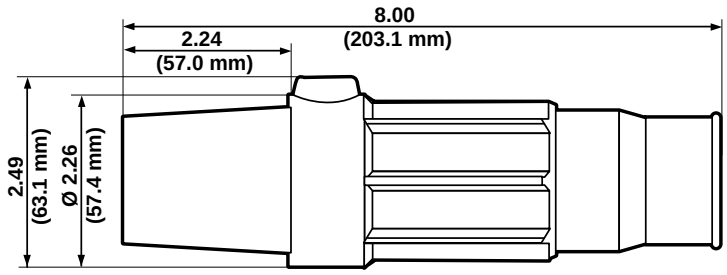
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D22-E	17D22-C	17SDM-E
White	17D22-W	17D22-C	17SDM-W
Red	17D22-R	17D22-C	17SDM-R
Blue	17D22-B	17D22-C	17SDM-B
Green	17D22-G	17D22-C	17SDM-G
Yellow	17D22-Y	17D22-C	17SDM-Y
Orange	17D22-O	17D22-C	17SDM-O
Brown	17D22-H	17D22-C	17SDM-H

Female Detachable Plug—Double Set Screw ***(Cable Size: 350–500MCM)***

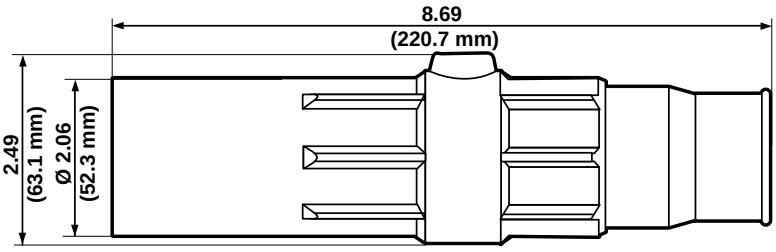
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D24-E	17D24-C	17SDF-E
White	17D24-W	17D24-C	17SDF-W
Red	17D24-R	17D24-C	17SDF-R
Blue	17D24-B	17D24-C	17SDF-B
Green	17D24-G	17D24-C	17SDF-G
Yellow	17D24-Y	17D24-C	17SDF-Y
Orange	17D24-O	17D24-C	17SDF-O
Brown	17D24-H	17D24-C	17SDF-H

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D22



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D24

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

LEVITON Building a Connected World

17 Series — Taper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 350–500MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V22-E	17V22-C	17SVM-E
White	17V22-W	17V22-C	17SVM-W
Red	17V22-R	17V22-C	17SVM-R
Blue	17V22-B	17V22-C	17SVM-B
Green	17V22-G	17V22-C	17SVM-G
Yellow	17V22-Y	17V22-C	17SVM-Y
Orange	17V22-O	17V22-C	17SVM-O
Brown	17V22-H	17V22-C	17SVM-H

Female Vulcanized Plug—Crimped ***(Cable Size: 350–500MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V25-E	17V25-C	17SVF-E
White	17V25-W	17V25-C	17SVF-W
Red	17V25-R	17V25-C	17SVF-R
Blue	17V25-B	17V25-C	17SVF-B
Green	17V25-G	17V25-C	17SVF-G
Yellow	17V25-Y	17V25-C	17SVF-Y
Orange	17V25-O	17V25-C	17SVF-O
Brown	17V25-H	17V25-C	17SVF-H

Male Vulcanized Plug—Crimped ***(Cable Size: 500–750MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V23-E	17V23-C	17SVM-E
White	17V23-W	17V23-C	17SVM-W
Red	17V23-R	17V23-C	17SVM-R
Blue	17V23-B	17V23-C	17SVM-B
Green	17V23-G	17V23-C	17SVM-G
Yellow	17V23-Y	17V23-C	17SVM-Y
Orange	17V23-O	17V23-C	17SVM-O
Brown	17V23-H	17V23-C	17SVM-H

Female Vulcanized Plug—Crimped ***(Cable Size: 500–750MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17V26-E	17V26-C	17SVF-E
White	17V26-W	17V26-C	17SVF-W
Red	17V26-R	17V26-C	17SVF-R
Blue	17V26-B	17V26-C	17SVF-B
Green	17V26-G	17V26-C	17SVF-G
Yellow	17V26-Y	17V26-C	17SVF-Y
Orange	17V26-O	17V26-C	17SVF-O
Brown	17V26-H	17V26-C	17SVF-H

17V22-B

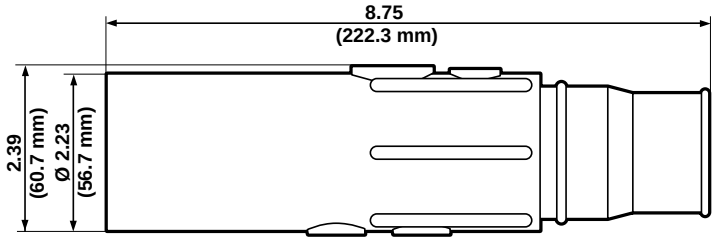
17V25-H

17V23-W

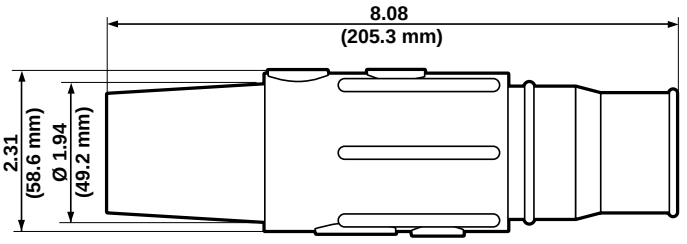
17V26-G

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 17V22 and Cat. No. 17V23



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 17V25 and Cat. No. 17V26

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

17 Series — Taper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

17R21-W

Panel Receptacle—Threaded Stud ***(Cable Size: 250–750MCM)***

	90° STYLE		30° STYLE	
	MALE	FEMALE	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	17R21-E	17R22-E	17R23-E	17R24-E
White	17R21-W	17R22-W	17R23-W	17R24-W
Red	17R21-R	17R22-R	17R23-R	17R24-R
Blue	17R21-B	17R22-B	17R23-B	17R24-B
Green	17R21-G	17R22-G	17R23-G	17R24-G
Yellow	17R21-Y	17R22-Y	17R23-Y	17R24-Y
Orange	17R21-O	17R22-O	17R23-O	17R24-O
Brown	17R21-H	17R22-H	17R23-H	17R24-H

17P21-E

Female Terminal Connector ***(Cable Size: 250–750MCM)***

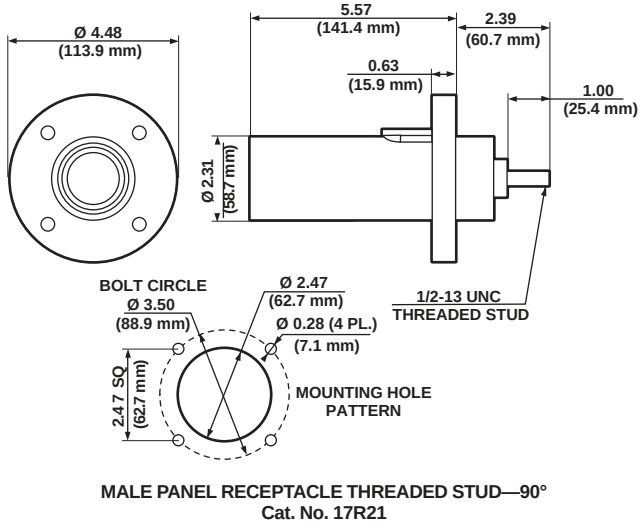
	ANGLE STYLE	OFFSET STYLE
COLOR	CAT. NO.	CAT. NO.
Black	17F21-E	17F22-E
White	17F21-W	17F22-W
Red	17F21-R	17F22-R
Blue	17F21-B	17F22-B
Green	17F21-G	17F22-G
Yellow	17F21-Y	17F22-Y
Orange	17F21-O	17F22-O
Brown	17F21-H	17F22-H

Protective Caps

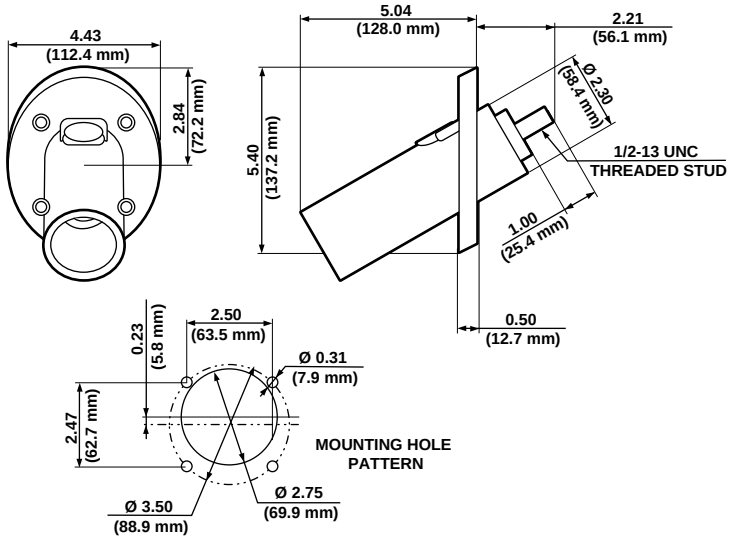
	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	17P21-E	17P22-E
White	17P21-W	17P22-W
Red	17P21-R	17P22-R
Blue	17P21-B	17P22-B
Green	17P21-G	17P22-G
Yellow	17P21-Y	17P22-Y
Orange	17P21-O	17P22-O
Brown	17P21-H	17P22-H

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.



MALE PANEL RECEPTACLE THREADED STUD—90°
Cat. No. 17R21



MALE PANEL RECEPTACLE THREADED STUD—30°
Cat. No. 17R23

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

19 Series — Ball Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Detachable Plug—Double Set Screw ***(Cable Size: 250–350MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19D21-E	19D21-C	19SDM-E
White	19D21-W	19D21-C	19SDM-W
Red	19D21-R	19D21-C	19SDM-R
Blue	19D21-B	19D21-C	19SDM-B
Green	19D21-G	19D21-C	19SDM-G
Yellow	19D21-Y	19D21-C	19SDM-Y
Orange	19D21-O	19D21-C	19SDM-O
Brown	19D21-H	19D21-C	19SDM-H

Female Detachable Plug—Double Set Screw ***(Cable Size: 250–350MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19D23-E	19D23-C	19SDF-E
White	19D23-W	19D23-C	19SDF-W
Red	19D23-R	19D23-C	19SDF-R
Blue	19D23-B	19D23-C	19SDF-B
Green	19D23-G	19D23-C	19SDF-G
Yellow	19D23-Y	19D23-C	19SDF-Y
Orange	19D23-O	19D23-C	19SDF-O
Brown	19D23-H	19D23-C	19SDF-H

Male Detachable Plug—Double Set Screw ***(Cable Size: 350–500MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19D22-E	19D22-C	19SDM-E
White	19D22-W	19D22-C	19SDM-W
Red	19D22-R	19D22-C	19SDM-R
Blue	19D22-B	19D22-C	19SDM-B
Green	19D22-G	19D22-C	19SDM-G
Yellow	19D22-Y	19D22-C	19SDM-Y
Orange	19D22-O	19D22-C	19SDM-O
Brown	19D22-H	19D22-C	19SDM-H

Female Detachable Plug—Double Set Screw ***(Cable Size: 350–500MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19D24-E	19D24-C	19SDF-E
White	19D24-W	19D24-C	19SDF-W
Red	19D24-R	19D24-C	19SDF-R
Blue	19D24-B	19D24-C	19SDF-B
Green	19D24-G	19D24-C	19SDF-G
Yellow	19D24-Y	19D24-C	19SDF-Y
Orange	19D24-O	19D24-C	19SDF-O
Brown	19D24-H	19D24-C	19SDF-H

19D21-E

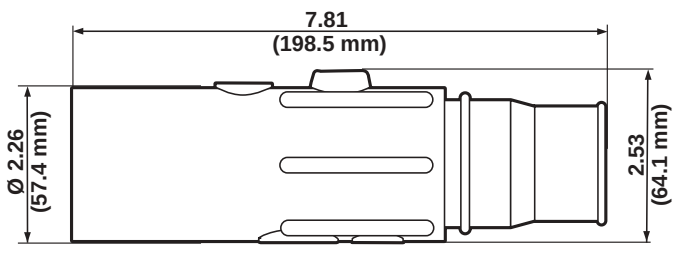
19D23-E

19D22-E

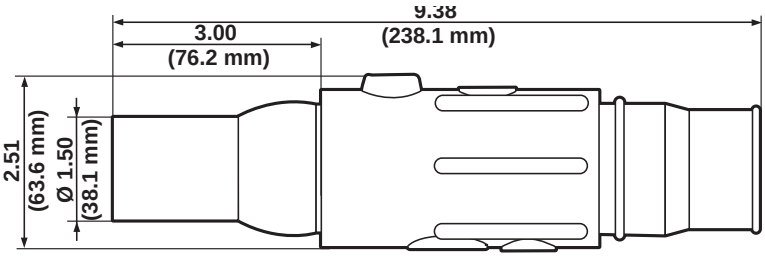
19D24-E

SPECIFICATIONS & FEATURES

- The 19 Series Ball Nose connectors are designed for general industrial applications



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 19D21 and Cat. No. 19D22



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 19D23 and Cat. No. 19D24

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

19V21-E

19V24-E

19V22-E

19V25-E

SPECIFICATIONS & FEATURES

- The 19 Series Ball Nose connectors are designed for general industrial applications

19 Series — Ball Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 250–350MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V21-E	19V21-C	19SVM-E
White	19V21-W	19V21-C	19SVM-W
Red	19V21-R	19V21-C	19SVM-R
Blue	19V21-B	19V21-C	19SVM-B
Green	19V21-G	19V21-C	19SVM-G
Yellow	19V21-Y	19V21-C	19SVM-Y
Orange	19V21-O	19V21-C	19SVM-O
Brown	19V21-H	19V21-C	19SVM-H

Female Vulcanized Plug—Crimped ***(Cable Size: 250–350MCM)***

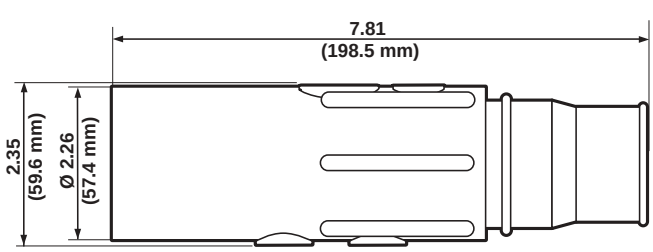
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V24-E	19V24-C	19SVF-E
White	19V24-W	19V24-C	19SVF-W
Red	19V24-R	19V24-C	19SVF-R
Blue	19V24-B	19V24-C	19SVF-B
Green	19V24-G	19V24-C	19SVF-G
Yellow	19V24-Y	19V24-C	19SVF-Y
Orange	19V24-O	19V24-C	19SVF-O
Brown	19V24-H	19V24-C	19SVF-H

Male Vulcanized Plug—Crimped ***(Cable Size: 350–500MCM)***

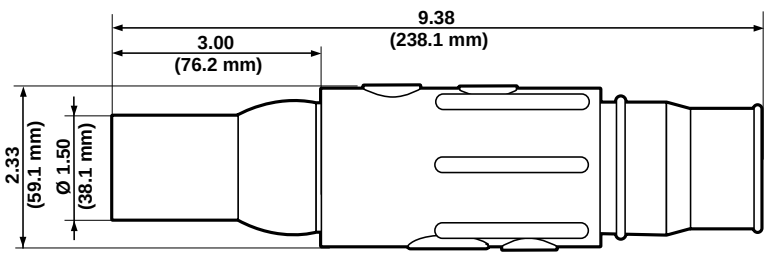
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V22-E	19V22-C	19SVM-E
White	19V22-W	19V22-C	19SVM-W
Red	19V22-R	19V22-C	19SVM-R
Blue	19V22-B	19V22-C	19SVM-B
Green	19V22-G	19V22-C	19SVM-G
Yellow	19V22-Y	19V22-C	19SVM-Y
Orange	19V22-O	19V22-C	19SVM-O
Brown	19V22-H	19V22-C	19SVM-H

Female Vulcanized Plug—Crimped ***(Cable Size: 350–500MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V25-E	19V25-C	19SVF-E
White	19V25-W	19V25-C	19SVF-W
Red	19V25-R	19V25-C	19SVF-R
Blue	19V25-B	19V25-C	19SVF-B
Green	19V25-G	19V25-C	19SVF-G
Yellow	19V25-Y	19V25-C	19SVF-Y
Orange	19V25-O	19V25-C	19SVF-O
Brown	19V25-H	19V25-C	19SVF-H



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 19V21 and Cat. No. 19V22



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 19V24 and Cat. No. 19V25

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

19 Series — Ball Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Male Vulcanized Plug—Crimped ***(Cable Size: 500–750MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V23-E	19V23-C	19SVM-E
White	19V23-W	19V23-C	19SVM-W
Red	19V23-R	19V23-C	19SVM-R
Blue	19V23-B	19V23-C	19SVM-B
Green	19V23-G	19V23-C	19SVM-G
Yellow	19V23-Y	19V23-C	19SVM-Y
Orange	19V23-O	19V23-C	19SVM-O
Brown	19V23-H	19V23-C	19SVM-H

19V23-E

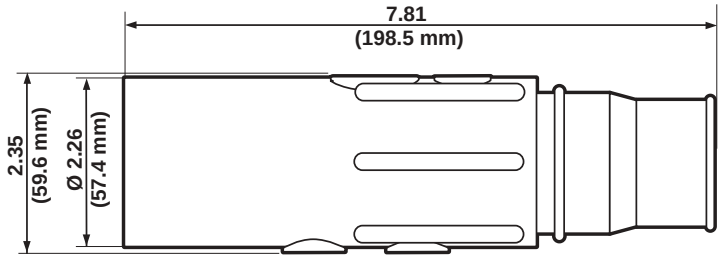
Female Vulcanized Plug—Crimped ***(Cable Size: 500–750MCM)***

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	19V26-E	19V26-C	19SVF-E
White	19V26-W	19V26-C	19SVF-W
Red	19V26-R	19V26-C	19SVF-R
Blue	19V26-B	19V26-C	19SVF-B
Green	19V26-G	19V26-C	19SVF-G
Yellow	19V26-Y	19V26-C	19SVF-Y
Orange	19V26-O	19V26-C	19SVF-O
Brown	19V26-H	19V26-C	19SVF-H

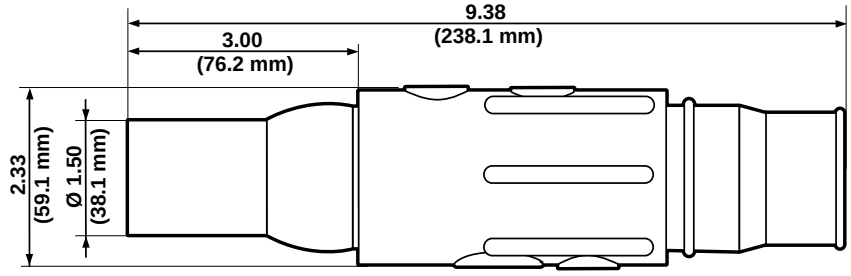
19V26-E

SPECIFICATIONS & FEATURES

- The 19 Series Ball Nose connectors are designed for general industrial applications



MALE VULCANIZED PLUG—CRIMPED
Cat. No. 19V23



FEMALE VULCANIZED PLUG—CRIMPED
Cat. No. 19V28

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

LEVITON Building a Connected World

19 Series — Ball Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

19R21-E

Panel Receptacle—Threaded Stud ***(Cable Size: 250–750MCM)***

	90° STYLE MALE	FEMALE	30° STYLE MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	19R21-E	19R22-E	19R23-E	19R24-E
White	19R21-W	19R22-W	19R23-W	19R24-W
Red	19R21-R	19R22-R	19R23-R	19R24-R
Blue	19R21-B	19R22-B	19R23-B	19R24-B
Green	19R21-G	19R22-G	19R23-G	19R24-G
Yellow	19R21-Y	19R22-Y	19R23-Y	19R24-Y
Orange	19R21-O	19R22-O	19R23-O	19R24-O
Brown	19R21-H	19R22-H	19R23-H	19R24-H

19P21-E

Female Terminal Connector ***(Cable Size: 250–750MCM)***

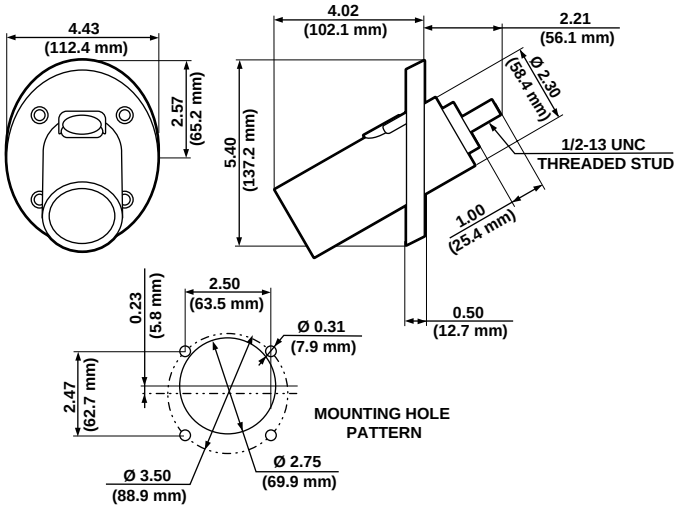
	ANGLE STYLE	OFFSET STYLE
COLOR	CAT. NO.	CAT. NO.
Black	19F21-E	19F22-E
White	19F21-W	19F22-W
Red	19F21-R	19F22-R
Blue	19F21-B	19F22-B
Green	19F21-G	19F22-G
Yellow	19F21-Y	19F22-Y
Orange	19F21-O	19F22-O
Brown	19F21-H	19F22-H

Protective Caps

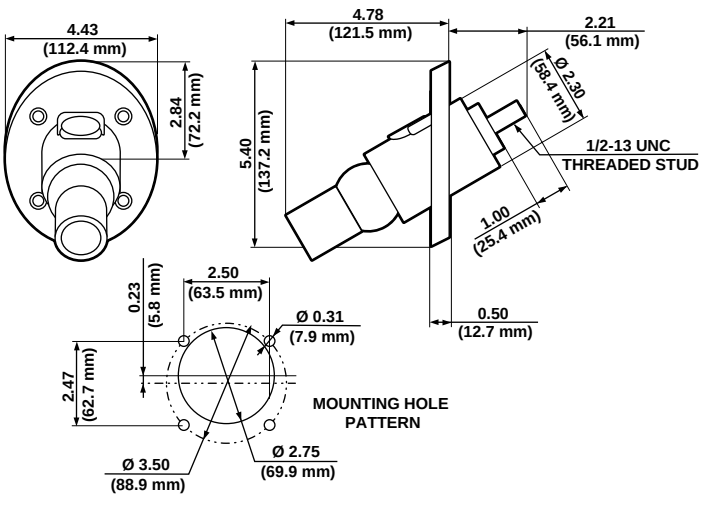
	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	19P21-E	19P22-E
White	19P21-W	19P22-W
Red	19P21-R	19P22-R
Blue	19P21-B	19P22-B
Green	19P21-G	19P22-G
Yellow	19P21-Y	19P22-Y
Orange	19P21-O	19P22-O
Brown	19P21-H	19P22-H

SPECIFICATIONS & FEATURES

- The 19 Series Ball Nose connectors are designed for general industrial applications



MALE PANEL RECEPTACLE THREADED STUD—30°
Cat. No. 19R23



FEMALE PANEL RECEPTACLE THREADED STUD—30°
Cat. No. 19R24

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

22/23 Series — Latching Ball Nose/LatchingTaper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Ball Nose—In-Line Latching Male Connectors—Crimped
(Cable Size: 250–350MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L21-E	22L21-C	22SVM-E
White	22L21-W	22L21-C	22SVM-W
Red	22L21-R	22L21-C	22SVM-R

22L21-R

Ball Nose—In-Line Latching Female Connectors—Crimped
(Cable Size: 250–350MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L24-E	22L24-C	22SVF-E
White	22L24-W	22L24-C	22SVF-W
Red	22L24-R	22L24-C	22SVF-R

Ball Nose—In-Line Latching Male Connectors—Crimped
(Cable Size: 350–500MCM)

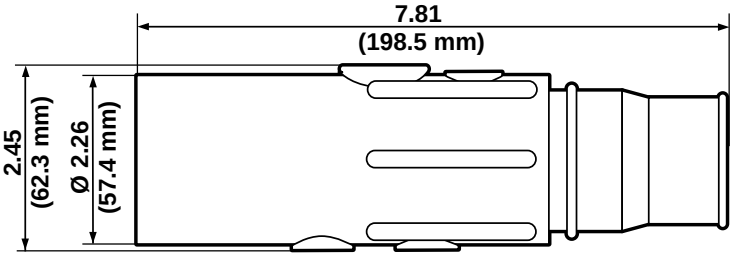
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L22-E	22L22-C	22SVM-E
White	22L22-W	22L22-C	22SVM-W
Red	22L22-R	22L22-C	22SVM-R

22L22-E

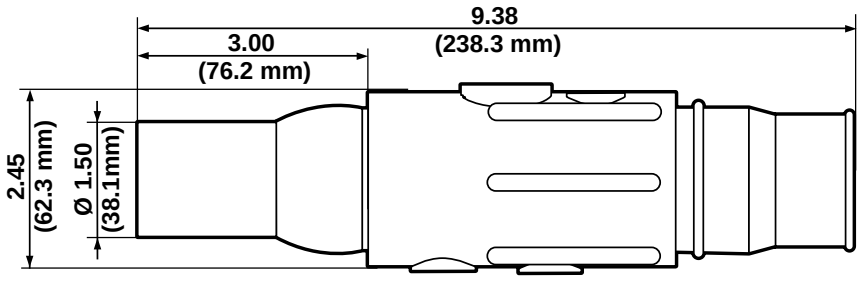
Ball Nose—In-Line Latching Female Connectors—Crimped
(Cable Size: 350–500MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L25-E	22L25-C	22SVF-E
White	22L25-W	22L25-C	22SVF-W
Red	22L25-R	22L25-C	22SVF-R

22L25-E



BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED
Cat. No. 22L21



BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED
Cat. No. 22L24

SPECIFICATIONS & FEATURES

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.
- The connectors and all components are completely interchangeable with competitive cam-type products.

TESTING & CODE COMPLIANCE

- ETL Tested, Report #521300
- Waterproof (when vulcanized) and fire-resistant for outside usage

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

22L23-E

23L24-R

SPECIFICATIONS & FEATURES

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.
- The connectors and all components are completely interchangeable with competitive cam-type products.

TESTING & CODE COMPLIANCE

- ETL Tested, Report #521300
- Waterproof (when vulcanized) and fire-resistant for outside usage

22/23 Series — Latching Ball Nose/LatchingTaper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Ball Nose—In-Line Latching Male Connectors—Crimped

(Cable Size: 500–750MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L23-E	22L23-C	22SVM-E
White	22L23-W	22L23-C	22SVM-W
Red	22L23-R	22L23-C	22SVM-R

Ball Nose—In-Line Latching Female Connectors—Crimped

(Cable Size: 500–750MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	22L26-E	22L26-C	22SVF-E
White	22L26-W	22L26-C	22SVF-W
Red	22L26-R	22L26-C	22SVF-R

Taper Nose—In-Line Latching Male Connectors—Crimped

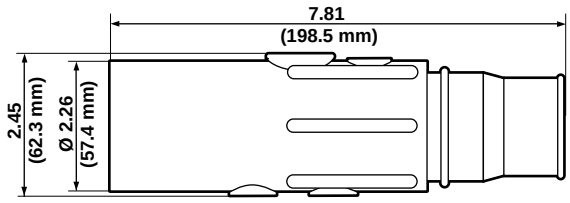
(Cable Size: 250–350MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L21-E	23L21-C	23SVM-E
White	23L21-W	23L21-C	23SVM-W
Red	23L21-R	23L21-C	23SVM-R

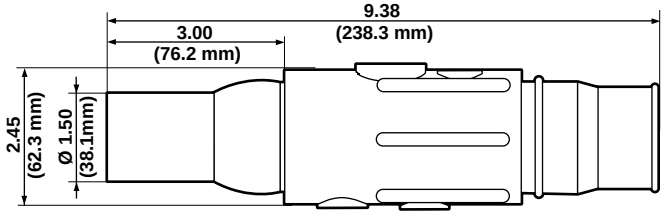
Taper Nose—In-Line Latching Female Connectors—Crimped

(Cable Size: 250–350MCM)

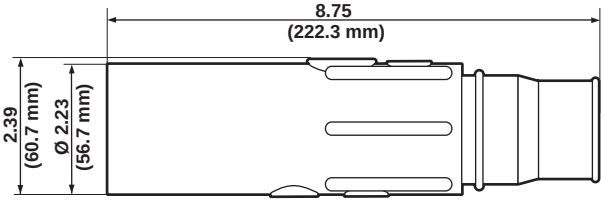
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L24-E	23L24-C	23SVF-E
White	23L24-W	23L24-C	23SVF-W
Red	23L24-R	23L24-C	23SVF-R



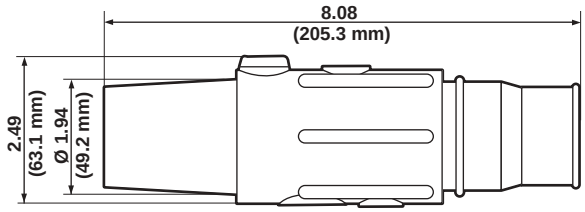
BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED
Cat. No. 22L23



BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED
Cat. No. 22L26



TAPER NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED
Cat. No. 23L21



TAPER NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED
Cat. No. 23L24

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

22/23 Series — LatchingTaper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Taper Nose—In-Line Latching Male Connectors—Crimped
(Cable Size: 350–500MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L22-E	23L22-C	23SVM-E
White	23L22-W	23L22-C	23SVM-W
Red	23L22-R	23L22-C	23SVM-R

Taper Nose—In-Line Latching Female Connectors—Crimped
(Cable Size: 350–500MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L25-E	23L25-C	23SVF-E
White	23L25-W	23L25-C	23SVF-W
Red	23L25-R	23L25-C	23SVF-R
Blue	23L25-B	23L25-C	23SVF-B
Green	23L25-G	23L25-C	23SVF-G

Taper Nose—In-Line Latching Male Connectors—Crimped
(Cable Size: 500–750MCM)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L23-E	23L23-C	23SVM-E
White	23L23-W	23L23-C	23SVM-W
Red	23L23-R	23L23-C	23SVM-R
Blue	23L23-B	23L23-C	23SVM-B
Green	23L23-G	23L23-C	23SVM-G

Taper Nose—In-Line Latching Female Connectors—Crimped
(Cable Size: 500–750MCM)

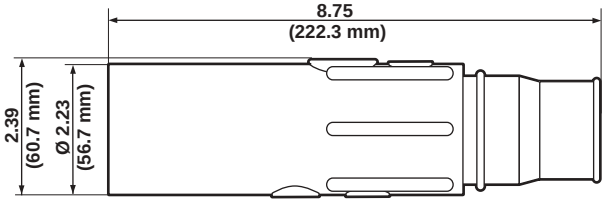
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	23L26-E	23L26-C	23SVF-E
White	23L26-W	23L26-C	23SVF-W
Red	23L26-R	23L26-C	23SVF-R

SPECIFICATIONS & FEATURES

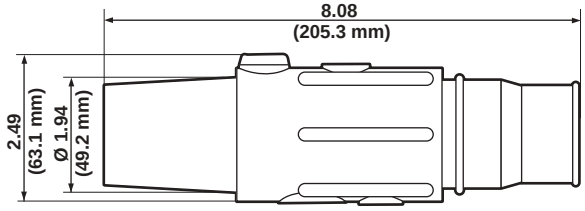
- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.
- The connectors and all components are completely interchangeable with competitive cam-type products.

TESTING & CODE COMPLIANCE

- ETL Tested, Report #521300
- Waterproof (when vulcanized) and fire-resistant for outside usage



TAPER NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED
Cat. No. 23L23



TAPER NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED
Cat. No. 23L26

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

22R23-E

22R24-E

23R21-E

SPECIFICATIONS & FEATURES

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.
- The connectors and all components are completely interchangeable with competitive cam-type products.

22/23 Series — Latching Ball Nose/LatchingTaper Nose — Up to 690 AMP,* 600V

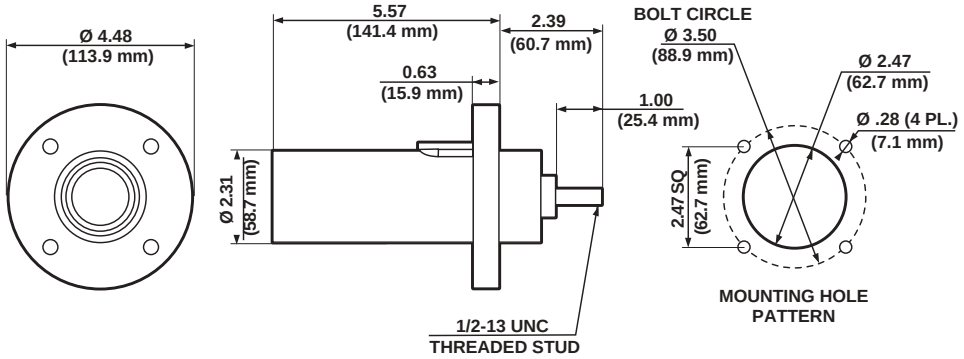
*Refer to Ampacity Chart for all cable sizes on page JJ2

Ball Nose—Panel Receptacle—Threaded Stud ***(Cable Size: 250–750MCM)***

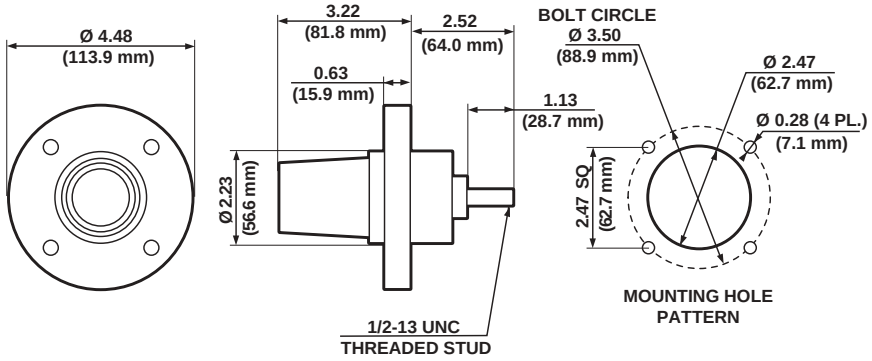
	90° STYLE MALE	FEMALE	30° STYLE MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	22R21-E	22R22-E	22R23-E	22R24-E
White	22R21-W	22R22-W	22R23-W	22R24-W
Red	22R21-R	22R22-R	22R23-R	22R24-R

Taper Nose—Panel Receptacle—Threaded Stud ***(Cable Size: 250–750MCM)***

	90° STYLE MALE	FEMALE	30° STYLE MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	23R21-E	23R22-E	23R23-E	23R24-E
White	23R21-W	23R22-W	23R23-W	23R24-W
Red	23R21-R	23R22-R	23R23-R	23R24-R
Blue	23R21-B	———	23R23-B	———
Green	23R21-G	———	23R23-G	———



90° MALE PANEL RECEPTACLE THREADED STUD—Cat. No. 23R21



90° FEMALE PANEL RECEPTACLE THREADED STUD—Cat. No. 23R22

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Single Pole Cam-Type Connectors

22/23 Series — Latching Ball Nose/LatchingTaper Nose — Up to 690 AMP,* 600V

*Refer to Ampacity Chart for all cable sizes on page JJ2

Protective Caps

	BALL NOSE		TAPER NOSE	
	MALE	FEMALE	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
Black	22P21-E	22P22-E	23P21-E	23P22-E
White	22P21-W	22P22-W	23P21-W	23P22-W
Red	22P21-R	22P22-R	23P21-R	23P22-R

Ball Nose—Thermoplastic Housing Panel Receptacle—Threaded Stud

(Cable Size: 250–350MCM)

	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	22H21-E	22H22-E
White	22H21-W	22H22-W
Red	22H21-R	22H22-R

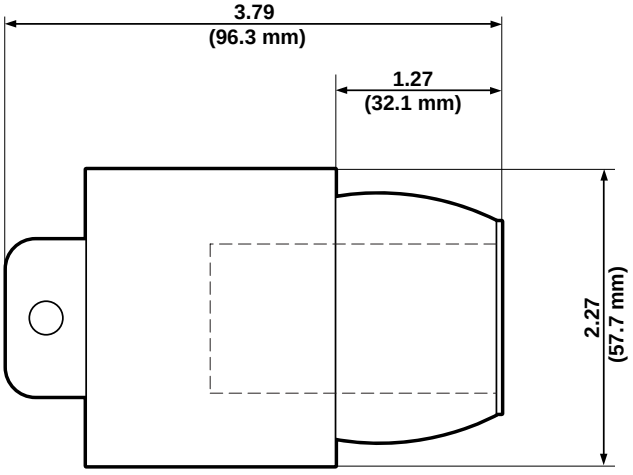
Taper Nose—Thermoplastic Housing Panel Receptacle—Threaded Stud

(Cable Size: 350–500MCM)

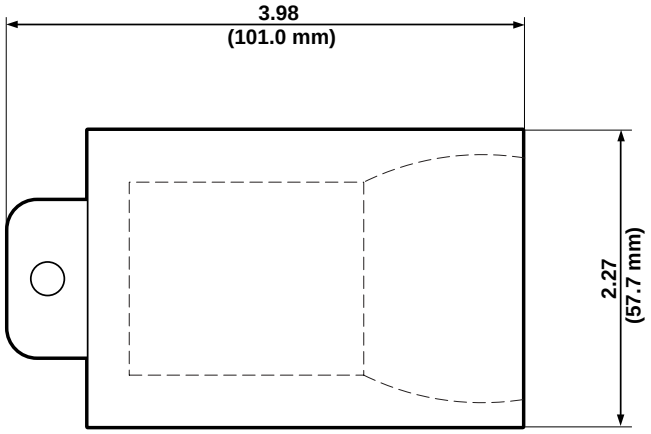
	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	23H21-E	23H22-E
White	23H21-W	23H22-W
Red	23H21-R	23H22-R

SPECIFICATIONS & FEATURES

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been thoroughly and successfully tested by ETL Laboratories to meet Navy specifications, including intermateability with competition. Our latching connector series provides heavy duty, completely insulated connectors that are vibration-resistant and positively lock into place. Leviton latching connectors will not vibrate, twist or turn loose, ensuring high conductivity and maximum efficiency. Leviton contacts can be retrofitted to existing locations and power distribution systems. Our male contacts are designed to provide 40% more surface contact with the female vs. competitive products. The additional efficiency will help ensure greater conductivity while preventing burnout.
- The connectors and all components are completely interchangeable with competitive cam-type products.



MALE PROTECTIVE CAP
Cat. No. 22P21



FEMALE PROTECTIVE CAP
Cat. No. 22P22

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

"COM-A-LONG" Assembly Tool

15 Series

DESCRIPTION	CAT. NO.	
For Female Plug	15CLM	
For Male Plug	15CLF	

16 Series & 18 Series

DESCRIPTION	CAT. NO.	
For Female Plug	16CLM	
For Male Plug	16CLF	

17 Series, 19 Series & 22/23 Series

DESCRIPTION	CAT. NO.	
For Female Plug	17CLM	
For Male Plug	17CLF	

Set Screws (10 per package)

DESCRIPTION	CAT. NO.	
15 Series	A0001	
16 Series & 18 Series	A0002	

Copper Shims (10 per package)

DESCRIPTION	CAT. NO.	
15 Series	A0006	
16 Series & 18 Series	A0004	

Strain Relief Wire (10 per package)

DESCRIPTION	CAT. NO.	
15 Series	A0007	
16 Series & 18 Series	A0003	

Insulated Screw (10 per package)

DESCRIPTION	CAT. NO.	
16 Series & 18 Series	A0005	

Lubricating Spray

DESCRIPTION	CAT. NO.	
16 Fluid Ounce Can	C0001	

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Corrosion Resistant Devices

Leviton Corrosion Resistant devices are used in extremely damp and corrosive environments such as chemical production plants, food processing facilities and marine applications, where high resistance to moisture and chemicals is necessary for extended electrical and mechanical life. Corrosion resistant devices feature non-magnetic metal parts that will not interfere with navigational equipment in marine applications and heavy-duty, impact-resistant, all-nylon body construction.

The following pages provide a comprehensive overview of the complete Leviton Corrosion Resistant Devices product line. Ordering information, such as specifications, features, benefits, colors, photos and line drawings, will help you select the corrosion resistant devices best suited to meet your application requirements.

CORROSION RESISTANT DEVICES

Overview ____ K1
15 Amp Devices ____ K2
Boots & Covers for 15A Devices ____ K2
20 Amp Devices ____ K3
Boots & Covers for 20A Devices ____ K3
30 Amp Devices ____ K4
Boots & Covers for 30A Devices ____ K4
50 Amp Devices ____ K5
Boots & Covers for 50A Devices ____ K5

SECTION K

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

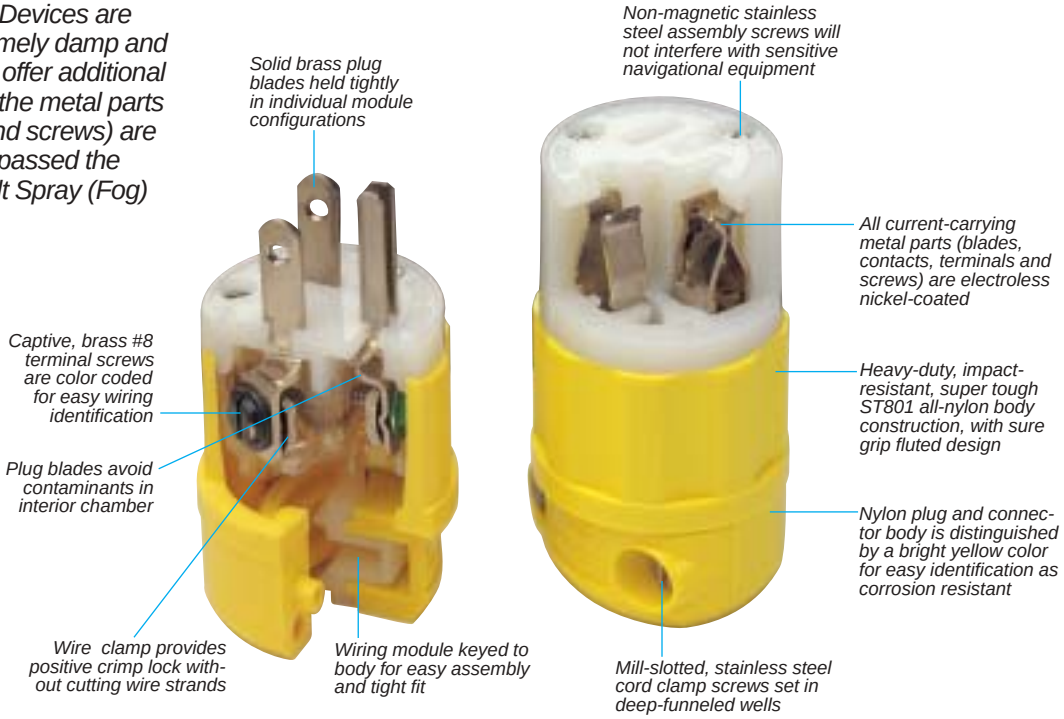
Industrial Grade

Corrosion Resistant Devices

Leviton's Corrosion Resistant Devices are specifically designed for extremely damp and corrosive environments. They offer additional corrosive resistance because the metal parts (blades, contacts, terminals and screws) are nickel-plated. They have also passed the ASTM (B117.13) 500 hour Salt Spray (Fog)

Features and Benefits

- All current carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Cord clamp seats flush with body for all cable sizes from 10-3 ST to 18-3 SVT (.245"-.700"), providing positive strain relief while preventing damage to cable jacket
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)



Cat. No. 52CM-66C *Cat. No. 52CM-69C*

Weather Resistant Boots and Covers for Corrosion Resistant Devices

Weather-resistant boots and covers for plugs and connectors are available for 15A, 20A, 30A and 50A straight and locking plugs and connectors. The tough, rubber triple-seal design protects devices against the harmful effects of dirt and moisture. Lexan covers for 15A, 20A and 30A flush receptacles have close-fitting, spring-loaded lids to protect outlets against the elements in harsh environments. Boots and covers are listed after their appropriate device.

A complete line of Industrial Grade Corrosion Resistant Devices

Straight Blade Plugs & Connectors

These long-lasting top performers resist moisture, chemicals and impact.

Cat. No. 52CM-66C

Straight Blade Receptacles

Cover and body constructed of impact-resistant nylon for long life and service.

Cat. No. 52CM-62

Locking Plugs & Connectors

Provide the same impact, moisture and chemical resistance as the straight blade line.

Cat. No.26CM-11

Locking Receptacles

Built to the most demanding standards for performance and reliability.

Cat. No. 23CM-10

50 AMP Non-NEMA Devices

Designed for high-power marine applications.

Cat. No.6361-CR

Power Inlets

Fit flush on equipment mounting panels.

Cat. No.6374-CR

Phone Devices

For marina and outdoor applications.

Cat. No. PH65-95

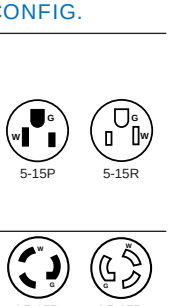
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Corrosion Resistant Devices

15 AMP Devices

15 AMP 125V 2-Pole 3-Wire Grounding

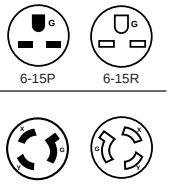
DESCRIPTION	CAT. NO.	NEMA CONFIG.
Straight Blade Plug, Yellow Nylon Body and Cord Clamp	52CM-66C	5-15P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	52CM-69C	5-15R
Duplex Receptacle, Smooth Face. One-Piece Electroless Nickel-Plated Brass Strap*	52CM-62	5-15R
Single Receptacle, Smooth Face, Yellow Nylon Body†	5261-CR	5-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	47CM-20C	L5-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	47CM-29C	L5-15R
Single Locking Flush Receptacle†	47CM-10	L5-15R



52CM-66C

15 AMP 250V 2-Pole 3-Wire Grounding

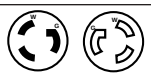
DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body†	5661-CR	6-15R
Locking Plug, Yellow Nylon Body and Cord Clamp	45CM-70C	L6-15P
Locking Connector, Yellow Nylon Body and Cord Clamp	45CM-79C	L6-15R
Single Locking Flush Receptacle†	45CM-60	L6-15R



47CM-29C

15 AMP 277V AC 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	47CM-60	L7-15R



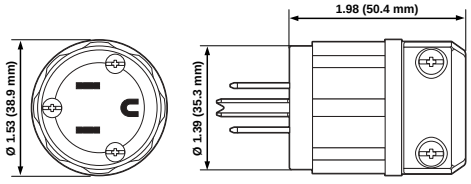
Boots and Covers for 15 AMP Corrosion Resistant Devices

DESCRIPTION	CAT. NO.
15A Straight Blade Plug Boot, black	6017
15A Straight Blade Plug Boot, High Visibility Yellow	6017-Y
15A Straight Blade Connector Boot, Black	6018
15A Straight Blade Connector Boot, High Visibility Yellow	6018-Y
15A Locking Plug Boot, Black	6017-L
15A Locking Plug Boot, High Visibility Yellow	6017-LY
15A Locking Connector Boot, Black	6018-L
15A Locking Connector Boot, High Visibility Yellow	6018-LY
Water-Resistant Flip Lid Cover, Gray Lexan. For use with 15A and 20A straight blade and 15A locking 3-wire FI and FO	WP1

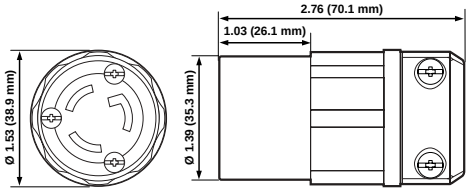
*UL Corrosion Resistant. Meets standards for UL Hospital Grade Listing and Federal Specification WC-596 requirements. Uses stainless steel wallplate Cat. No. 84003-40.

†Uses stainless steel wallplate Cat. No. 84004-40. For additional wallplate selections, please see Section G.

All devices are UL Listed and CSA Certified.



STRAIGHT BLADE PLUG
Cat No. 52CM-66C



LOCKING CONNECTOR
Cat. No. 47CM-29C

SPECIFICATIONS & FEATURES

- All metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Cord clamp seats flush with body for all cable sizes from 10-3 ST to 18-3 SVT (.245"-.700"), providing positive strain relief while preventing damage to cable jacket
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Super tough nylon plug and connector body is bright yellow for easy corrosion resistant identification
- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use
- Heavy-duty, impact-resistant, super tough ST801 all-nylon body construction; fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

TESTING & CODE COMPLIANCE

- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File # E-13399 for receptacles; File # E-13393 for plugs and connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

Operating Temperature: -40°C (without impact) to 60°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Corrosion Resistant Devices

SPECIFICATIONS & FEATURES

- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Cord clamp seats flush with body for all cable sizes from 10-3 ST to 18-3 SVT (.245"-.700"), providing positive strain relief while preventing damage to cable jacket
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Super tough nylon plug and connector body is bright yellow for easy corrosion resistant identification
- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use
- Heavy-duty, impact-resistant, all-nylon body construction; fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

TESTING & CODE COMPLIANCE

- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File # E-13399 for receptacles; File # E-13393 for plugs and connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2

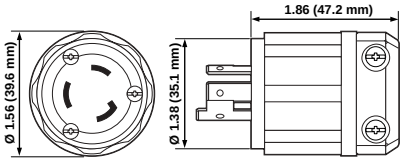
Operating Temperature: -40°C (without impact) to 60°C maximum continuous

*UL Corrosion Resistant. Meets standards for UL Hospital Grade Listing and Federal Specification WC-596 requirements.
Uses stainless steel wallplate Cat. No. 84003-40.

**Uses stainless steel wallplate Cat. No. 84004-40.

†Uses stainless steel wallplate Cat. No. 84020-40. For additional wallplate selections, please see Section G.

All devices are UL Listed and CSA Certified.

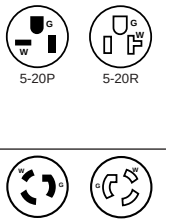


LOCKING PLUG
Cat No. 23CM-11C

20 AMP Devices

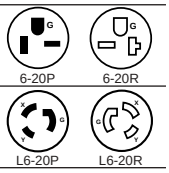
20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Straight Blade Plug, Yellow Nylon Body and Cord Clamp	53CM-66C	5-20P
Straight Blade Connector, Yellow Nylon Body and Cord Clamp	53CM-69C	5-20R
Duplex Receptacle, smooth face. One Piece Electroless Nickel-Plated Brass Strap*	53CM-62	5-20R
Single Receptacle, Smooth Face, Yellow Nylon Body**	5361-CR	5-20R
Locking Plug, Yellow Nylon Body and Cord Clamp	23CM-11	L5-20P
Locking Connector, Yellow Nylon Body and Cord Clamp	23CM-13	L5-20R
Single Locking Flush Receptacle†	23CM-10	L5-20R



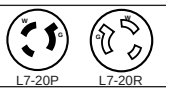
20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Receptacle, Smooth Face, Yellow Nylon Body**	5461-CR	6-20R
Single Locking Flush Receptacle†	23CM-20	L6-20R



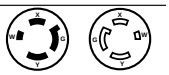
20 AMP 277V AC 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	23CM-30	L7-20R



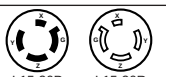
20 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	24CM-10	L14-20R



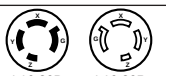
20 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	24CM-20	L15-20R



20 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	24CM-30	L16-20R



Boots and Covers for 20 AMP Corrosion Resistant Devices

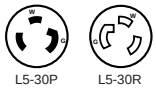
DESCRIPTION	CAT. NO.
20A Straight Blade Plug Boot, Black	6017
20A Straight Blade Plug Boot, High Visibility Yellow	6017-Y
20A Straight Blade Connector, Black	6018
20A Straight Blade Connector, High Visibility Yellow	6018-Y
3-Wire 20A Locking Plug Boot, Black	6031
3-Wire 20A Locking Plug Boot, High Visibility Yellow	6031-Y
3-Wire 20A Locking Connector Boot, Black	6032
3-Wire 20A Locking Connector Boot, High Visibility Yellow	6032-Y
Weather-Resistant Flip Lid Cover, high visibility yellow. For 20A and 30A single locking receptacles and FS/FD boxes	7420-CR
Weather-Resistant Flip Lid Cover gray. For 20A and 30A 3-, 4-, and 5-wire locking FI and FO; also 30A and 50A 3-wire power receptacles	WP2

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

30 AMP Devices

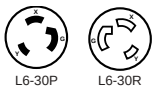
30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	26CM-11	L5-30P
Locking Connector, Yellow Nylon Body and Cord Clamp	26CM-13	L5-30R
Single Locking Flush Receptacle†	26CM-10	L5-30R
Power Inlet, 316 Stainless Steel with Threaded Cap	SS303	L5-30R



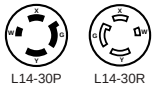
30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	26CM-21	L6-30P
Locking Connector, Yellow Nylon Body and Cord Clamp	26CM-23	L6-30R
Single Locking Flush Receptacle†	26CM-20	L6-30R



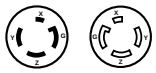
30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	27CM-10	L14-30R



30 AMP 3Ø 250V 3-Pole 4-Wire Grounding

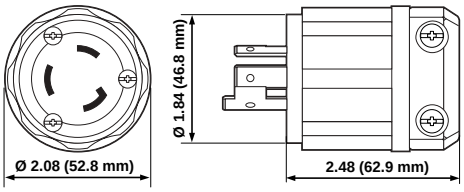
DESCRIPTION	CAT. NO.	NEMA CONFIG.
Single Locking Flush Receptacle†	27CM-20	L15-30R



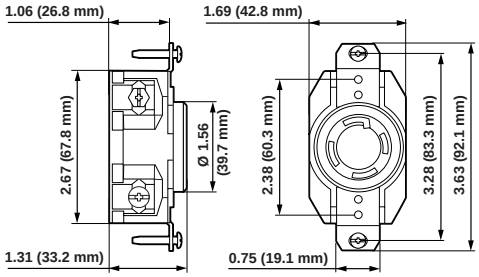
Boots and Covers for 30 AMP Corrosion-Resistant Devices

DESCRIPTION	CAT. NO.
3-Wire, 30A Locking Plug Boot, Black	6031
3-Wire, 30A Locking Plug Boot, High Visibility Yellow	6031-Y
3-Wire, 30A Locking Connector Boot, Black	6032
3-Wire, 30A Locking Connector Boot, High Visibility Yellow	6032-Y
Weather-Resistant Flip Lid Cover, high visibility yellow. For 20A and 30A single locking receptacles and FS/FD boxes.	7420-CR
Weather-Resistant Flip Lid Cover gray. For 20A and 30A 3-, 4-, and 5-wire locking FI and FO; also 30A and 50A 3-wire power receptacles	WP2

†Uses stainless steel wallplate Cat. No. 84020-40. For additional wallplate selections, please see Section G.
All devices are UL Listed and CSA Certified.



LOCKING PLUG
Cat No. 26CM-11



SINGLE LOCKING FLUSH RECEPTACLE
Cat No. 27CM-20

SS303

26CM-11

SPECIFICATIONS & FEATURES

- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Cord clamp ranges: Locking Plug: 20A, 3-wire & 30A, 3-wire (.385 to .780"); 20A, 4/5-wire (.595 to .895") ; 30A, 4/5-wire (.595 to 1.150"), providing positive strain relief while preventing damage to cable jacket
- Captive, brass #8 terminal screws are color coded for easy wiring identification: green (ground), brass (hot) and silver (neutral)
- Nylon plug and connector body is bright yellow for easy corrosion resistant identification
- Connector power contacts are heavy-duty, solid, one-piece brass, triple-wipe, set in deep pockets to resist rough use
- Heavy-duty, impact-resistant, all-nylon body construction; fluted body design provides sure grip
- Wire clamp moves in individual chamber to provide positive crimp lock without cutting wire strands

TESTING & CODE COMPLIANCE

- Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion
- Designed to meet or exceed UL Fed Spec. Listing WC-596. UL Listed (File # E-13399 for receptacles; File # E-13393 for plugs and connectors)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD1 & WD6 requirements
- NEMA configuration and rating molded on front
- Backed by a Limited 10-Year Warranty

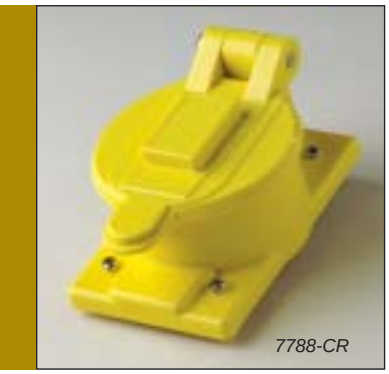
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C (without impact) to 60°C maximum continuous

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Corrosion Resistant Devices

6364-CR


7788-CR

50 AMP Devices

50 AMP 125V 2-Pole 3-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	6361-CR	RECEPTACLE
Locking Connector, Yellow Nylon Body and Cord Clamp	6360-CR	
Single Locking Flush Receptacle	6370-CR	
Power Inlet, 316 Stainless Steel w/Threaded Cap	6372-CR	

50 AMP 125/250V 3-Pole 4-Wire Grounding Non-NEMA

DESCRIPTION	CAT. NO.	NON-NEMA CONFIG.
Locking Plug, Yellow Nylon Body and Cord Clamp	6365-CR	RECEPTACLE
Locking Connector, Yellow Nylon Body and Cord Clamp	6364-CR	
Single Locking Flush Receptacle	6369-CR	
Power Inlet, 316 Stainless Steel w/Threaded Cap	6374-CR	

Boots and Covers for 50 AMP Corrosion Resistant Devices

DESCRIPTION	CAT. NO.
50A Locking Plug Boot, High Visibility Yellow	7717-CR
50A Locking Connector Boot, High Visibility Yellow	7715-CR
Sealing Collar for 7715-CR & 7717-CR	510-R
Weatherproof Receptacle Cover with Lift Lid, Yellow Lexan	7788-CR

All devices are UL Listed only, not CSA Certified.

SPECIFICATIONS & FEATURES

- All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated
- Color coded wire entrance holes for simple and easy wiring
- Beveled rear housing prevents cord from getting caught on stairs, equipment, etc.
- Nylon plug and connector body are bright yellow for easy corrosion resistant identification
- Ribbed nylon housing for excellent impact resistance and secure gripping
- Neoprene gasket helps keep dirt and dust from entering termination area
- Stainless steel cord clamp opens wide for direct terminal access; added strip length for easy wire insertion into terminals
- Interior cord clamp opens wide to allow easy insertion of wires into terminals
- Longer contacts inside connector assure stronger, tighter fitting contact points

TESTING & CODE COMPLIANCE

Receptacles

- UL Listed (File #E-111198)

Plugs & Connectors

- UL Listed (File #E-57672)
- Telephone connecting devices are in accordance with Federal Communications Standards

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated UL94 V0

Operating Temperature: 125°C continuous (plugs & connectors)

130°C continuous (receptacles)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Lampholders

Leviton offers a complete selection of outlet box, incandescent, fluorescent and specialty lampholders, in various ratings and materials. The following pages offer a variety of types and styles.

Overview _____ L1

INCANDESCENT LAMPHOLDERS

Outlet Box, Keyless & Pull Chain __ L2, L3
Metal Shell & Interiors _____ L4
Phenolic Cap & Shell _____ L4
Multi-Lampholder Clusters _____ L5
Porcelain Par Connectors _____ L5
Bayonet Socket-Single Contact _____ L5
Porcelain Mogul Base _____ L6
Socket Extensions _____ L7
Appliance Heating Receptacle _____ L7
Porcelain & Phenolic _____ L7
Porcelain Snap-In _____ L8
Porcelain Keyless—
Commercial Units _____ L8
Porcelain Keyless Fixture
Single Circuit-Medium Base _____ L8
Porcelain Keyless Medium Base-Side
Angle Mounted _____ L9
Phenolic Keyless Fixture—
Medium Base _____ L9
Lampholders for Recessed Single
Contact Lamps _____ L9
Candle Sockets _____ L9–L11

FLUORESCENT LAMPHOLDERS

Medium Bi-Pin _____ L12–L14
High Output _____ L12, L13
Slimline _____ L12, L13
Miniature _____ L13
4-Pin Long Twin Tube
with 2G11 Base _____ L15
Compact Fluorescent Lampholders
(CFL's) _____ L16–L19

SECTION L

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade

Lampholders

A Variety of Incandescent and Fluorescent Styles in a Variety of Ratings and Materials

Outlet Box Lampholder

This one-piece pull chain incandescent lampholder, top wired, utilizes twist-lock mounting for convenient incandescent installation.

Cat. No. 8827-CW4

Metal Shell

Medium based, this incandescent electrolier lampholder is available in a variety of attractive finishes.

Cat. No. 9346-PG

Multi-Lampholder Cluster

Available in two- or three-lights, it has a treated aluminum screw shell.

Cat. No. 4034-F5A

Porcelain Mogul Base Lampholder

These lampholders come with leads, are keyless and single circuit.

Cat. No. 8806

Candle Sockets

Stylishly designed, they are available in phenolic, fiber disc and porcelain bodies.

Cat. No. 4155

Lampholder for High Output Lamps

Possessing silver plated contacts, these fluorescent lampholders are of the recessed, double contact, double pedestal type.

Cat. No. 464

Medium & Miniature Bi-Pin

These fluorescent lampholders, surface mounted, are offered with leads.

Cat. No. 395-W

Compact Fluorescent Lampholder

Developed for G23 and G23-2 lamp bases, they snap-in horizontally or screw-down vertically.

Cat. No. 26719-100

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Outlet Box Lampholders

One-Piece Keyless Top Wired 660 WATT 600V

DESCRIPTION/ TERMINALS	WHITE UREA	O.D.	FITS BOX SIZE
2 Terminal Screws	8829-CW1	4½"	3¼" or 4"
6" Pigtail Leads	8829-CW2	4½"	3¼" or 4"
4 Terminal Screws	8829-CW4	4½"	3¼" or 4"

One-Piece Pull Chain Top Wired 660 WATT 250V

DESCRIPTION/ TERMINALS	WHITE UREA	O.D.	FITS BOX SIZE
2 Terminal Screws	8827-CW1	4½"	3¼" or 4"
6" Pigtail Leads	8827-CW2	4½"	3¼" or 4"
2 Terminal Screws with Captive Clamps	8827-CW4	4½"	3¼" or 4"

One-Piece Keyless Top Wired 660 WATT 250V

DESCRIPTION/ TERMINALS	PORCELAIN	O.D.	FITS BOX SIZE
2 Screws★	9874	3¾"	3¼"
2 Screws, no cage lip	9875	4½"	3¼" or 4"
6" Pigtail Leads	9875-2	4½"	3¼" or 4"
4 Screws	49875	4½"	3¼" or 4"
4 Quickwire Push-In★	9883	4½"	3¼" or 4"

One-Piece Pull Chain Top Wired 660 WATT 250V

DESCRIPTION/ TERMINALS	PORCELAIN	O.D.	FITS BOX SIZE
2 Screws	29816-C	4½"	3¼" or 4"
6" Pigtail Leads	29816-C2	4½"	3¼" or 4"
2 Screws w/Captive Clamps for 4-Wire Terminals	49816-C	4½"	3¼" or 4"
Interior Mechanism for 2-Piece Outlet Box Lampholders★	29816-CM*		

*When existing stock is depleted, this item will be DISCONTINUED.
All devices are UL Listed. Also CSA Certified except where indicated by★

8829-CW4

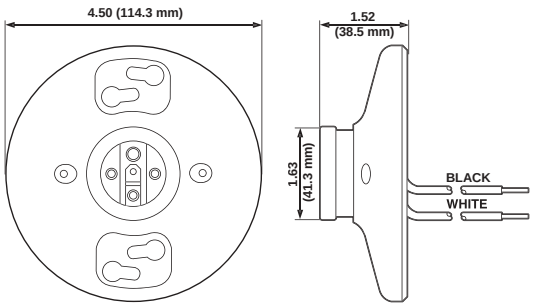
29816-C

SPECIFICATIONS & FEATURES

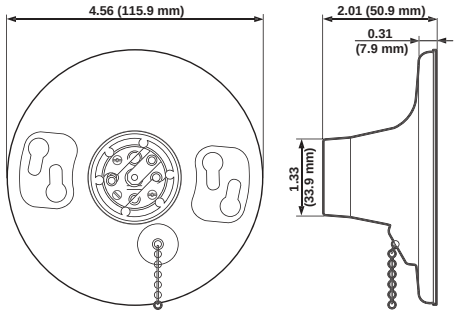
- Twist-lock mounting
- Pull chain models have bell at end of chain on 3 foot cord
- Medium base

TESTING & CODE COMPLIANCE

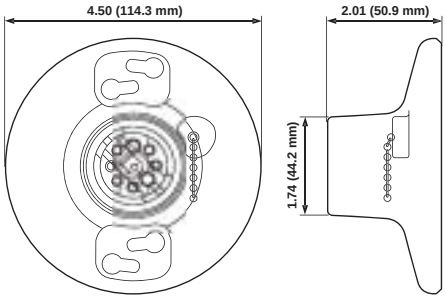
- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)



Cat No. 9875-2



Cat. No. 8827-CW4



Cat. No. 29816-C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

9716-C

9726-C

Outlet Box Lampholders

660 WATT 125V Lampholder Outlet 15 AMP-125V
One-Piece Pull Chain Side Wired

DESCRIPTION/ TERMINALS	PORCELAIN	O.D.	FITS BOX SIZE	NEMA CONFIG.
2 Screws★	9716-C	4½"	3¼" or 4"	1-15R

660 WATT 125V Lampholder Outlet 15 AMP-125V
One-Piece Pull Chain Top Wired

DESCRIPTION/ TERMINALS	PORCELAIN	O.D.	FITS BOX SIZE	NEMA CONFIG.
2 Screws	9726-C	4½"	3¼" or 4"	5-15R

Ball and Chain Accessories

DESCRIPTION	BRASS FINISH	NICKEL FINISH	
No. 6 Chain; ⅛" Dia. Balls	18302-1	18302-1N	
Connector for No. 6 Chain	9820	9820-N	
Chain, 3 feet long, End Bell and Connector; use as extension or replacement; ⅛" Dia. Balls	6	6-N	

DESCRIPTION	BROWN	WHITE	
Insulating Link; Thermoplastic 1¾" Total Length	9839	9839-I	

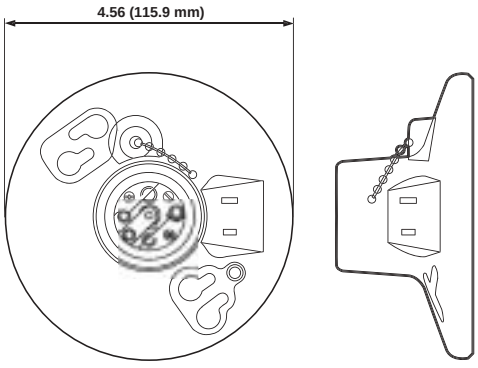
All devices are UL Listed. Also CSA Certified except where indicated by★

SPECIFICATIONS & FEATURES

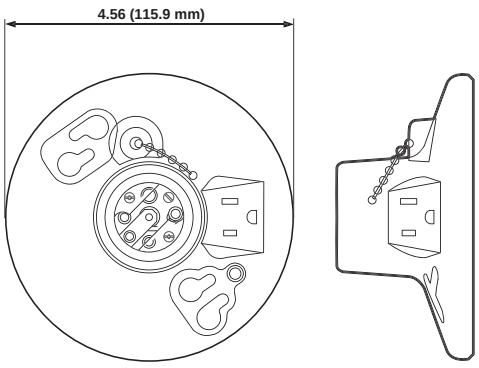
- 2-Pole, 2-Wire Outlet; 2-Pole, 3-Wire Outlet
- Twist-lock mounting
- Pull chain models have bell at end of chain on 3 foot cord

TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810; E-7516)
- CSA Certified (File #LR-1863)



Cat. No. 9716-C



Cat. No. 9726-C

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Metal Shell Lampholders

*Medium Base**

DESCRIPTION	CAT. NO.	RATING
Key—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	9346	250W 250V
Removable Turn Knob—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	10083-16	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; 3 Terminal; ⅛ IPS Tapped Bushing less Set Screw	7070	250W 250V
Removable Turn Knob—Electrolier; 2-Circuit; ⅛ IPS Tapped Bushing	7090	250W 250V
Pull Chain—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screws	19980	660W 250V
Push Through—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	7080	660W 250V
Keyless—Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	8004	660W 250V
Keyless—Short Electrolier; Single Circuit; ⅛ IPS Tapped Bushing w/Set Screw	9347	660W 250V

9346

10083-16

Metal Shell Lampholders

Interiors — Medium Base, Phenolic Body, Aluminum Screw Shell

LAMPHOLDER	CAT. NO. INTERIOR
19980	19980-M
10083-16	10083-M†
7070	7070-M†
7090	7090-M†
9346	9346-M†
6098	7080-M†
8004	8004-M†

Brown Phenolic Cap and Shell Lampholders

Two-Piece, Medium Base Electrolier Interiors

DESCRIPTION	CAT. NO.	RATING	INTERIORS
Pull Cord (nylon); 2-Circuit, ⅛ IPS Threaded Cap w/Set Screw	97092	250W 250V	7092-2M†
Push-Through; ⅛ IPS Threaded Cap w/Set Screw	95110	660W 250V	7080-M†
Keyless; ⅛ IPS Threaded Cap w/Set Screw	95080	660W 250V	8004-M†

†UL Recognized component.
All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

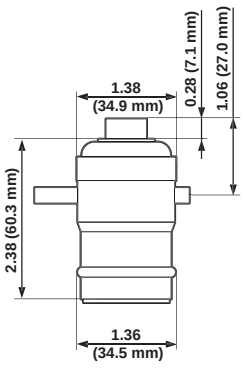
- Phenolic interior with aluminum screwshell
- 2-Circuit lampholders operate dual-filament lamps in sequence of Low-Medium-High-Off
- Cat. No. 7070 (2-Circuit, 3-Terminal) is wired in series with keyless lampholder

TESTING & CODE COMPLIANCE

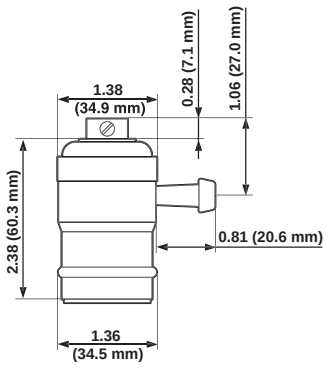
- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)

*COLOR

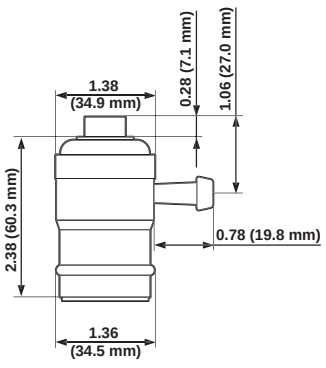
A suffix must be added to each basic catalog number to indicate the finish desired. For Polished Gilt/Brass finish, add -PG; for Unfinished Aluminum, add -AL; for Polished Aluminum, add -NI (finishes on aluminum). For bright dip/Brass, add -BR (finish on brass). CONSULT LEVITON REPRESENTATIVE FOR AVAILABILITY OF FINISHES.



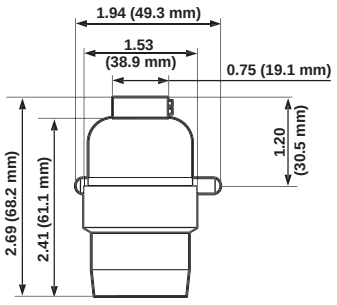
Cat No. 7080



Cat. No. 7090



Cat. No. 10083-16



Cat. No. 95110

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

4034-F5A

341-D4U

SPECIFICATIONS & FEATURES

- Pull chain models have bell at end of chain on 3 foot cord
- Medium and Candelabra bases
- Par connectors have white, unglazed porcelain body

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13405)
- CSA Certified (File #LR-5863)

Medium Base Multi-Lampholder Clusters

Treated Aluminum Screw Shell

DESCRIPTION	CAT. NO.	RATING	T	TA	B	BA	OAH T+B
2-Light Twin ⅛ IPS Male Top Bracket Only	4020-A3A	660W 250V	1 5/16	5/16	———	———	———
2-Light Twin ⅛ IPS Male (top & bottom)	4015-D4F	660W 250V	1 11/16	5/16	1 11/16	7/16	3 3/8
2-Light Offset ⅛ IPS Male (top & bottom)	4032-E5F	660W 250V	1 3/4	5/16	1 3/4	7/16	3 11/16
3-Light ⅛ IPS Male (top & bottom)	341-D4U	660W 250V	1 3/4	1/2	1 3/4	7/16	3 1/2
2-Light Offset ⅛ IPS Male (top); Pullchain Switch (bottom) with ½" usable shank★	4034-F5A	660W 250V 1A 125V T	1 3/4	5/16	1 15/16	1/2	3 3/4+
2-Light Twin ⅛ IPS Male (top); Pullchain Switch (bottom) ⅜" usable shank★	4017-D2F	660W 250V 1A 125V T	1 1/16	5/16	1 11/16	3/8	2 13/16+

+Includes nut.

Leads are No. 18 AWG 105°C plastic; 9" long, stripped ¾"; untinned and pulled through top bracket.

Porcelain Par Connectors

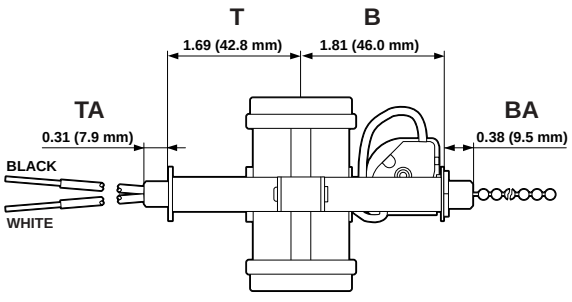
DESCRIPTION	CAT. NO.	RATING
Medium Base for PAR #46 and #38 lamps. Leads are No. 14 AWG 200°C SEW-2 Silicone Rubber Insulated; 18" Long, Stripped ¾". Others available on inquiry	368-1	660W 125V
Mogul Base for PAR #56 and #64 lamps. Leads are No. 14 150°C SEWF-2; 18" Long, Stripped ¾". Others available upon request	357-8	1000W 125V

Bayonet Socket — Single Contact

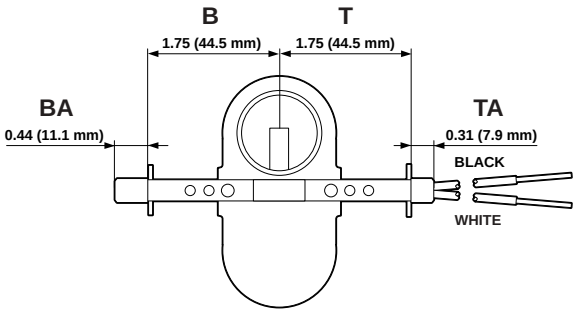
Candelabra Base

DESCRIPTION	CAT. NO.	RATING
Flat Bracket. Leads are No. 18 AWG, 105°C Plastic; 6" Long, Stripped ¾" (one black, one white)★	905	Low Voltage

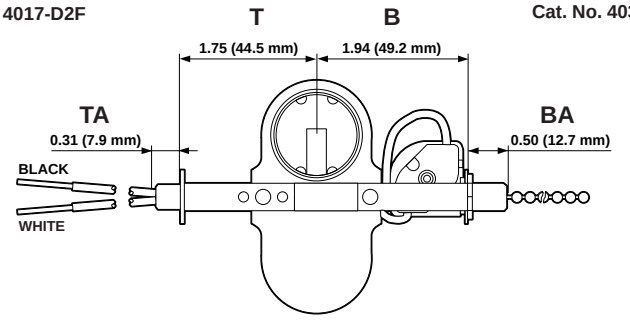
All devices are UL Listed except Cat. No. 905. Also CSA Certified except where indicated by★



Cat No. 4017-D2F



Cat. No. 4032-E5F



Cat. No. 4034-F5A

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Porcelain Mogul Base Lampholders

*With Leads**

DESCRIPTION	CAT. NO.	RATING	OUTSIDE DIAMETER	OVERALL HEIGHT
Keyless, Single Circuit. For high pressure sodium lamps up to 1000 watts. 8-32 Mounting Screws on 1⅜" Centers	8746	1500W 600V 5KV Pulse-rated	2⅛	3 1/64
Keyless, Single Circuit. Positon-oriented. For Super Metalarc HID lamps. 8-32 Mounting Screws on 1⅜" Centers	8750	1500W 600V	2 5/32	2 39/64
Keyless, Single Circuit. For high-pressure sodium lamps up to 400 watts. 8-32 Mounting Screws on 1⅜" Centers	8756	1500W 600V 4KV Pulse-rated	2 5/32	2 39/64
Low Pressure Sodium. For use with all single-end bayonet base low pressure sodium lamps★	8806	660W 1000V	1⅜	1⅝

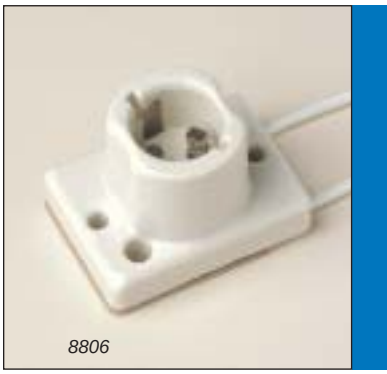
***Leads types, lengths and ratings vary with the end use applications. Standard leads as well as variations available on inquiry.

Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OUTSIDE DIAMETER	OVERALL HEIGHT
Keyless; 2-Piece; Single-Pole★	8765	1500W 600V	2¼	2 23/64
Keyless;. Single Circuit with 8-32 Lock Nuts on 1⅜" Centers. Die-cast caps available upon request	8694	1500W 600V	2 5/32	2 11/16

All devices are UL Listed. Also CSA Certified except where indicated by★

8756

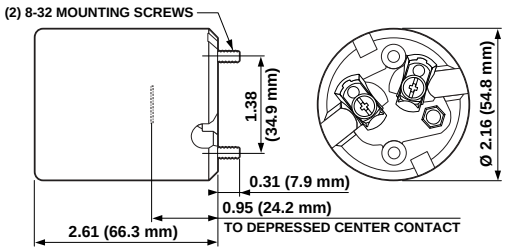

8806

SPECIFICATIONS & FEATURES

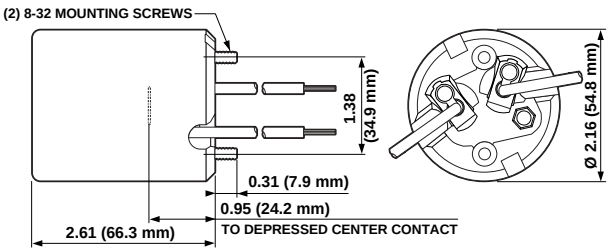
- Cat. No. 8746 – Porcelain body gray glazed with ceramic arc shield; Cat. No. 8750 – Porcelain body yellow glazed
- All other moguls listed have white glazed porcelain body
- Copper-alloy nickel-plated screw shell

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13402)
- CSA Certified (File #LR-1863)



Cat No. 8694



Cat. No. 8756

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Incandescent Lampholders

2004

9063

SPECIFICATIONS & FEATURES

- Medium-to-Medium Extenders available in phenolic and porcelain
- Pony Cleat Receptacles have open wiring terminals
- Two-piece surface-type lampholders have concealed wiring terminals with wireways for top and continuous wiring

TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810; E-13396)
- CSA Certified (File #LR-1863)

Socket Extensions — Single Circuit

Medium–Medium

DESCRIPTION	CAT. NO.	RATING
2-Piece Porcelain; Mounting Hole 1⅜" Dia. Extension 1¼"*	2004	660W 250V
1-Piece Porcelain; Slotted Mounting Hole 1⅜" Dia. Extension 1¼"*	2005	660W 250V
1-Piece Phenolic. Extension 1 3/16"**	2006	660W 250V

*To be used with porcelain sockets only
**To be used with phenolic sockets only

Mogul-Mogul

DESCRIPTION	CAT. NO.	RATING
1-Piece Porcelain. Extension 2⅜"	8647	1500W 600V

Socket Adapter

Mogul-To-Porcelain Medium

DESCRIPTION	CAT. NO.	RATING
1-piece. Meets Fed. Spec. W-L-142a	8681	660W 250V
Same as above, except 4 KV Pulse-Rated	8681-400	660W 250V 4 KV Pulse-Rated

Appliance Heating Receptacle

Porcelain Two-Piece

DESCRIPTION	CAT. NO.	RATING
2-piece Heating Receptacle. Gasket Furnished	8110	660W 250V

Porcelain and Phenolic Lampholders

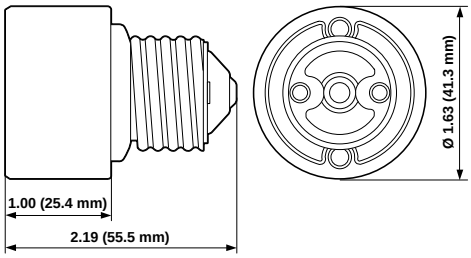
Pony Cleat Type

DESCRIPTION	CAT. NO.	RATING	OD	OH	C
Candelabra Base; Plastic. Not UL Listed★	10028	75W 125V	1 7/16	7/8	1 1/8
Miniature Base, Plastic. Not UL Listed★	10020	75W 125V	1 5/16	7/8	31/32
Medium Base, Phenolic	9063	660W 250V	1 7/8	1½	1 5/16
Medium Base, Porcelain	19062	660W 250V	1 7/8	1½	1 5/16

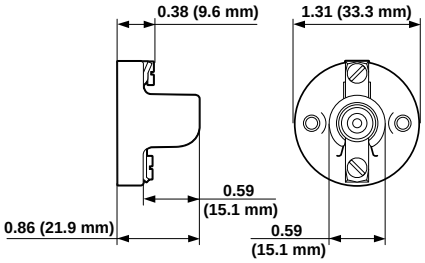
Surface Type

DESCRIPTION	CAT. NO.	RATING	OD	OH	C
Medium Base; Porcelain; Low 2-Piece	9880	660W 250V	2 5/16	1½	1⅜
Medium Base; Porcelain; High 2-Piece★	9882	660W 250V	2 5/16	1 7/8	1⅜

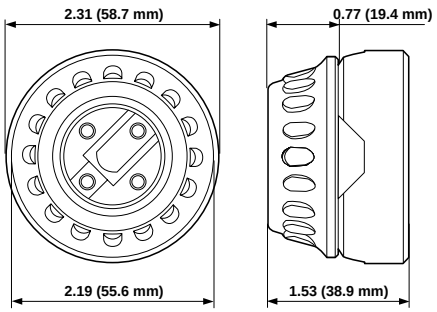
All devices are UL Listed. Also CSA Certified except where indicated by★



Cat No. 2005



Cat. No. 10020



Cat. No. 9880

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Porcelain Snap-In Lampholders — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
1-Piece, Front Mounted. ¼" Shoulder. Panel Thickness: .025 –.062"	8880	660W 250V	1 11/16	1 1/2
1-Piece, Front Mounted. Shallow Back. Panel Thickness: .030 –.062"	8875	660W 250V	1 11/16	1 11/16

Porcelain Keyless Lampholders Commercial Units — Medium Base

Single Circuit Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
Straight Body with Cap. Screw Terminals.	10045	660W 250V	1 1/2	2 1/8
Beaded Body for 1½" Clamp Style Shadeholder with Cap. Screw Terminals.	10065	660W 250V	Body 1 1/2 Bead 1 5/8	2 1/8
Adjustable Glass Retaining Ring with Cap and Ring Nut. Screw Terminals.	20070	660W 250V	2¼ ringnut	——
Straight Body with Leads. No. 18 AWG 105°C Plastic; 9" Long, Stripped ¾" with Two 6/32 Mounting Screws	10085	660W 250V	1 1/2	1 11/16

Porcelain Keyless Fixture Single Circuit — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING	OD	OH
1-Piece, Front Mounted for Fixture or Sign Use. Tapped 8-32 Bushings, Mounting Centers 1 13/16".	9885	660W 600V	1 5/8	1 7/16
2-Piece, Ring Type	9350	660W 250V	1 3/4	1 3/8
1-Piece with Removable Strap★	8871	660W 250V	1 11/16	1 9/16
Fixture Pan Lampholder with ⅛" IPS Hickey	3152-8	660W 250V	1 3/8	1 7/16

Leads

DESCRIPTION	CAT. NO.	RATING	OD	OH
2-Piece Ring Type with Leads: No. 18 AWG, 105°C Plastic; 9" Long, Stripped ¾"	8101	660W 250V	1 3/4	1 3/8
Angle Pan with Leads: No. 18 AWG Type AF 150°C Plastic; 9" Long, Stripped ¾"	18315	660W 250V	——	——
Removable Bracket with Leads	8052-1	660W 250V	1 3/8	1 7/16

Two-Piece Pull Chain

DESCRIPTION	CAT. NO.	RATING	OD	OH
Ring Type; Screw Terminals; Gasket Furnished★	9814	250W 250V	1 13/16	1 13/16

All devices are UL Listed. Also CSA Certified except where indicated by★

8880

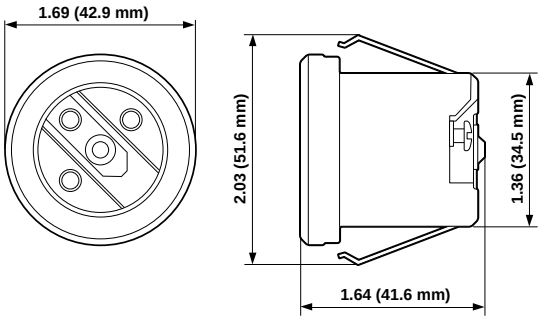
8101

SPECIFICATIONS & FEATURES

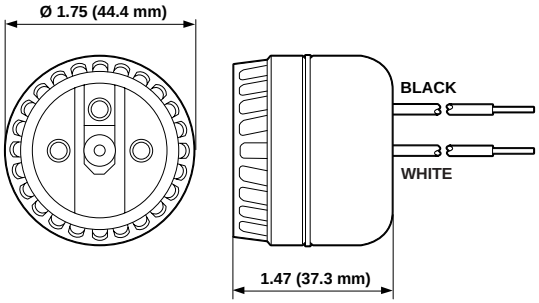
- Suitable for a wide variety of fixtures, signs and displays
- Unglazed base and ring on two-piece lampholders
- Gasket supplied with two-piece ring type rated at 90°C dry maximum

TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)



Cat No. 8880



Cat. No. 8101

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

3352-1

554

Phenolic Keyless Fixture — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Permanent Bracket. Terminal Screws Backed Out and Staked	3352-1	660W 250V
Same as 3352-1, with Shorter Bracket	3352-F	660W 250V
Removable Hickey. Terminal Screws Backed Out and Staked	3352-8	660W 250V

Hickeys and brackets are available in various types and sizes. Consult a Leviton representative for more information.

Porcelain Keyless, Side-Mounted — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Single Lampholder w/Side Outlet Bushing—⅛ IPS	10091	660W 250V
Twin Lampholder w/Bushed Flange—⅛ IPS	4010	660W 250V
Twin Lampholder w/Single Outlet Bushing—⅛ IPS	4005	660W 250V
Same as 4005 with ⅜ IPS Bushing	4006	660W 250V

All bushings are tapped and have set screw

Lampholders for Recessed Single Contact Lamps

DESCRIPTION	CAT. NO.	RATING
Front Flange Mount. Standard Leads are No. 18 AWG, Type SEW-2, 200°C, 18" Long, Stripped ¾"	554	3000W 600V
Rear Flange Mount. Same Leads and Specs as No. 554	555	3000W 600V

Candle Sockets, Bottom Turn Knob — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Three-light, two-piece phenolic husk. Lighting sequence: LO-MED-HI-OFF★	4063	250W 250V

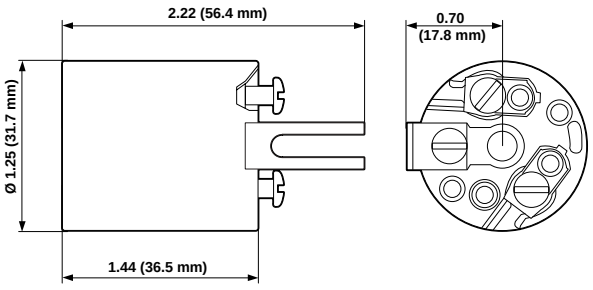
All devices are UL Listed. Also CSA Certified except where indicated by★

SPECIFICATIONS & FEATURES

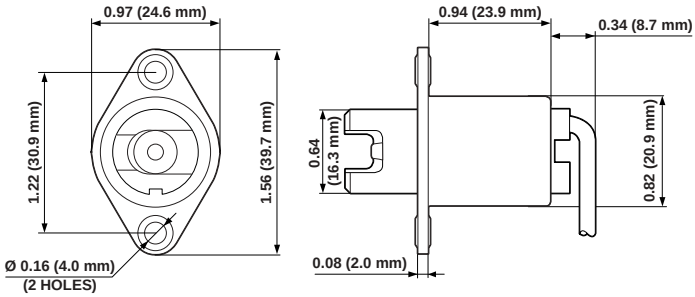
- Cat. No. 3352 lampholder bodies have wire-ways
- Side-Mounted lampholders are white glazed porcelain with copper-alloy screwshell
- Recessed Single-Contact lampholders have porcelain body with nickel-plated steel housing

TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810)
- CSA Certified (File #LR-1863)



Cat No. 3352-1



Cat. No. 554

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Candle Sockets, Bottom Turn Knob — Medium Base

Screw Terminals

DESCRIPTION	CAT. NO.	RATING
1-Piece Phenolic Body; 2 Leg Bracket; Single Light; Removable Interior; Knurl Nut and Lock Nut	4155	660W 250V
2-Piece Phenolic Husk & Removable Interior Husk; Single Light; Knurl Nut	4158	660W 250V

4155

Candle Sockets, Keyless*— Medium Base

Fiber-Disc Body, Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Solid Hickey, 2" Overall Height	8684	660W 250V
Adjustable Hickey. Overall Height: 4 – 5¾"	9800	660W 250

***Insulating paper liner pushes down against hickey projections.

NOTE: These items are designed for use with standard socket candle tubes (1 15/16" dia.) and require a minimum of 13/16" dia. flat bottom of candle cup for clearance.

Candle Sockets, Phenolic — Medium Base

With Removable Turn Knob, Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Removable Knob (Short Type), Adjustable Hickey. Overall Height: 4 – 5½"	9805*	250W 250V
Removable Knob, Removable 1-Leg Hickey. Overall Height: 2 7/16"	9805-A*	250W 250V

NOTE: These items are designed for use with standard socket candle tubes (1 15/16" dia.) and require a minimum of 13/16" dia. flat at bottom of candle for clearance.

9805-A

Candelabra Base, Keyless*

DESCRIPTION	CAT. NO.	RATING
Screw Terminals; Solid Hickey. Overall Height: 2"	10025	75W 125V
Screw Terminals; Solid Hickey. Overall Height: 1½"	10027	75W 125V
Screw Terminals; Adjustable Hickey: 3¼ – 4¾"	10026	75W 125V
Double Snap-In Spring Clips. Height of socket from panel is 1". Leads are No. 18 AWG 105°C plastic, 24" long, stripped ½"	10014-800	75W 125V

*7/8" candle tube. All hickeys tapped 1/8 IPS.

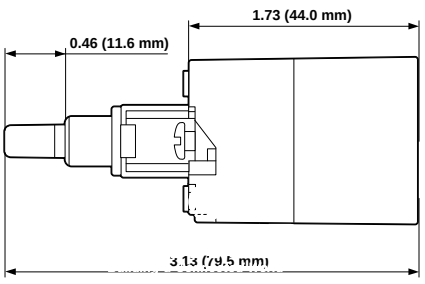
All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

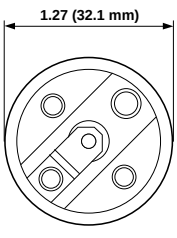
- Candle sockets for single-light applications
- Fiber Disc Body for use with standard candle tubes
- Spring-tempered steel clip holds Cat. No. 10014-800 socket rigidly in place

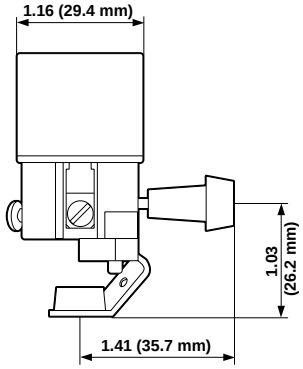
TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810; E-13400)
- CSA Certified (File #LR-1863)



Cat No. 4155





Cat. No. 9805-A

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

SPECIFICATIONS & FEATURES

- Candle socket has white unglazed porcelain body with aluminum screw shell
- Choice of Pin-Type or Pigtail Type for temporary lighting applications
- Two-Piece Pin Type automatically pierces wire leads

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13400) 267**
- UL Listed (File #E-3810) 55**, 157**, 157-X** and 167**
- CSA Certified (File #LR-1863)

Candle Sockets — Porcelain

Candelabra Base Screw Terminals

DESCRIPTION	CAT. NO.	RATING
Solid Hickey.* Overall Height: 2 3/32"★	20025	75W 125V

*Other hickey sizes available

Keyless Heavy Duty Phenolic Single Circuit Lampholders

Two-Piece Pin Type

DESCRIPTION	CAT. NO.	RATING
Candelabra Base, Detachable Zinc-Plated Wire Hook. Accepts No. 20 – No. 18 Stranded Insulated Wire	267**	75W 125V
Medium Base, Detachable Zinc-Plated Wire Hook. Accepts No. 14 – No. 12 Stranded Insulated Wire	167**	660W 250V

Note: Linings assembled.

**For temporary lighting — not waterproof.

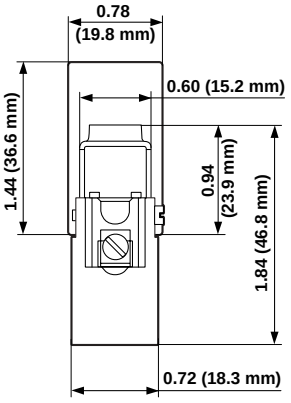
Pigtail Type Medium Base with Leads

DESCRIPTION	CAT. NO.	RATING
Vinyl, Phenolic Interior & Screw Shell, Brass Shell Contact. Leads are No. 14 AWG, 6" Long, Stripped ¾", Molded into Boots	55**	660W 250V
Phenolic with Brass Screw Shell. Leads Soldered and Hot Waxed in Deep Well are No. 14 AWG 6" Long	157**	660W 250V
Same as 157 above, with Left-Hand Screw Shell	157-X**	660W 250V
Rubber, Aluminum Screwshell. Leads are No. 16 AWG, 6" Long, Soldered to Terminals and Sealed in Rubber Boot★	124-D	660W 250V

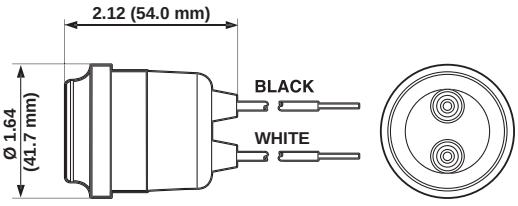
**For temporary lighting—not waterproof.

All devices are UL Listed except Cat.No. 124-D. Also CSA Certified except where indicated by★

Note: The listed products may be used at construction sites provided that bulb cages are used and suitable splices are made. The listing for the products meets the OSHA requirement and is made for open wiring without a separate outlet box.



Cat No. 20025



Cat. No. 55

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

For High Output Lamps — Recessed Double Contact, Pedestal Type

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Screw Mount, Straight-in wiring Through Wireways or Screw Terminals*	464	465	660W 600V
Slide-on, Shallow Base, Quickwire Terminals*	13550	13551	660W 600V
Slide-on, Shallow Base for Power Groove and Jacketed Lamps, Quickwire Terminals*	13556	13557	660W 600V

For Slimline, Single Pin Lamps

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Butt-On Surface Mounting, 12" Leads	452 ——	—— 453	660W 1000V 660W 600V
Pedestal Base, Slide-On	466 ——	—— 467	660W 1000V 660W 600V
Shallow Base, Slide-On or Lock-On Mounting, Quickwire Terminals*	2536 ——	—— 2537	660W 1000V 660W 600V

For Medium Bi-Pin Lamps

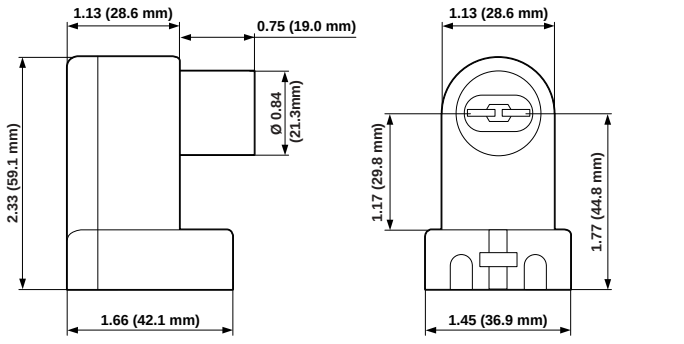
DESCRIPTION	CAT. NO. WHITE	RATING
Thin Body, Quickwire Terminals Accommodate Rapid-Start Circuits	431-W	660W 600V
Pedestal type, Straight-in Wiring Through Wireways or Screw Terminals	390-1W	660W 600V
Same as above, with Starter Base	391-1W	660W 600V

Starter Bases

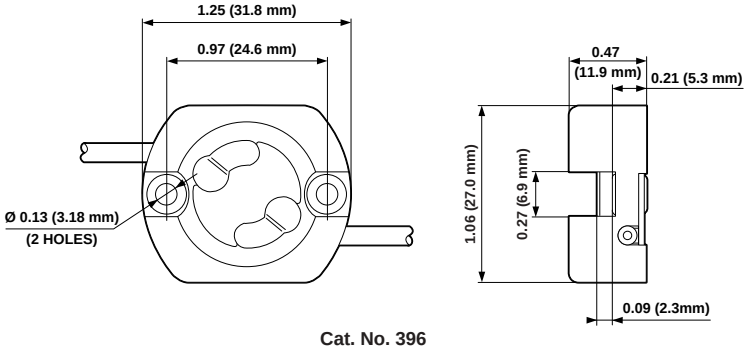
For Medium Bi-Pin Lamps

DESCRIPTION	CAT. NO.	RATING
Starter Base; Screw Terminals, Black	380	660W 250V
Starter Base; with Leads, Black	396	660W 250V

All devices are UL Listed andCSA Certified.
*Suitable for outdoor applications when properly enclosed



Cat No. 464



Cat. No. 396

SPECIFICATIONS & FEATURES

- Silver-plated copper alloy contacts
- Quickwire terminals accept No. 18 AWG twisted and tinned, solder-dipped or solid leads
- Lampholders are white, starter bases are black

TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

*For Medium & Miniature Bi-Pin Lamps — Surface Mount with Leads**

DESCRIPTION	CAT. NO. WHITE	RATING
Rapid-Start Medium Bi-Pin, 9" leads	395-W	660W 600V
Rapid-Start Medium Bi-Pin, Disconnect (paired with Cat. No. 395-W), 9" leads	389-W	660W 600V
Miniature Bi-Pin for T5 Lamp, 6" leads	420-W	75W 250V

*Leads are No. 18 AWG, 105°C plastic insulated wire

For Slimline, Medium Bi-Pin, High Output Lamps — Snap-In with Quickwire

DESCRIPTION	CAT. NO. PLUNGER	CAT. NO. FIXED	RATING
Slimline	516	517	660W 1000V 660W 600V
Medium Bi-Pin	518†	519†	660W 600V 660W 600V
Medium Bi-Pin, Stainless Steel Coverplate & Clip	13518	13519	660W 600V 660W 600V
Medium Bi-Pin, Same as above, with Internal Shunt for Use with Electronic Ballasts	23518	23519	660W 600V 660W 600V
High Output 800mA and 1500mA	523	524	660W 600V 660W 600V

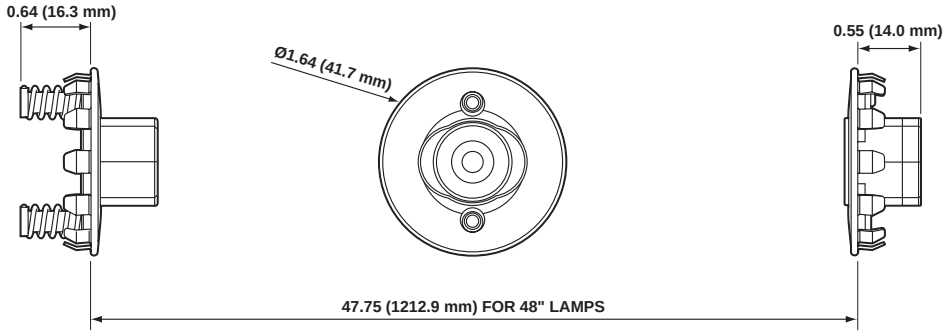
†When existing stock is depleted this item will be DISCONTINUED.
All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Versatile snap-in mounting reduces fixture assembly time
- Quickwire terminals accept either No. 18 AWG (stranded, twisted or tinned), No. 18 AWG solid or No. 16 AWG solid.
- Internal Shunt versions stamped “S” on back for easy identification

TESTING & CODE COMPLIANCE

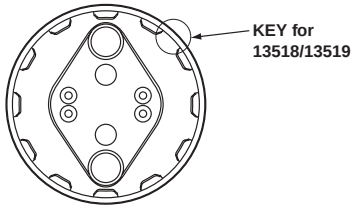
- UL Listed (File #E-5833)
- CSA Certified (File #LR-5863; LR-1863)
- NOM Certified (#057)

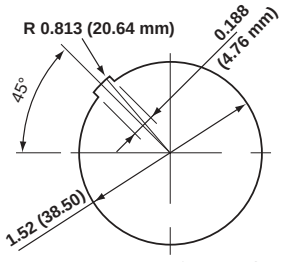


Cat. No. 13518
Plunger style

Cat. No. 13519
Stationary style

Cat No. 13500 Spacing





PANEL OPENING for 13518/13519
Panel Thickness 0.035-0.050 (0.89-1.27 mm)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

For Medium Bi-Pin Lamps — Turn-Type

DESCRIPTION	CAT. NO.	RATING
Low Profile, Slide-On, with Captive Nut	13353-N	660W 600V
Tall Profile, Slide-On, with Captive Nut	13357-N	660W 600V
Tall Profile without Side Grooves, Slide-On, with Captive Nut	13359-N	660W 600V
Low Profile Disconnect, Slide-On	13351-D	660W 600V
Tall Profile Disconnect, Slide-On	13354-D	660W 600V
Low-Profile; Shunted, Slide-On	23351	660W 600V

For Medium Bi-Pin Lamps — Straight-In

DESCRIPTION	CAT. NO.	RATING
Low Profile, Slide-On	13150-UR5	660W 600V
Self-Locking; Slide-In, with Captive Nut. For use with T-8 Lamps	13451-N	660W 600V

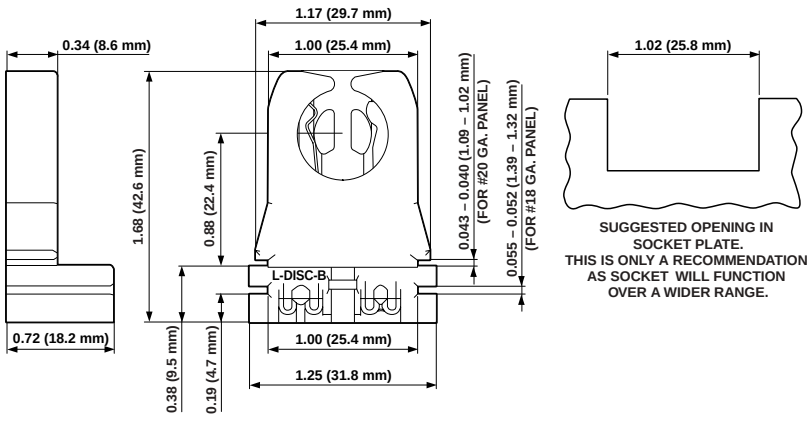
For Medium Bi-Pin Lamps — Snap-In/Slide-On Design and Lamp-Lock

DESCRIPTION	CAT. NO.	RATING
Snap-In or Slide-On Mounting Featuring Lamp-Lock, with Panel Locator Post. For T-8 and T-12 Lamps	13653-WP	660W 600V
Same as Above, Less Locator Post	13653-NP	660W 600V
Same as 13653-WP, Except with Internal Shunt Connection for Electronic Ballasts	23653-WP	660W 600V
Same as Above, Less Locator Post	23653-NP	660W 600V
Snap-In or Slide-On Mounting Featuring Lamp-Lock, Optional Panel Locator Post. Dedicated for Energy-Efficient T-8 Lamps Only	13652-WP	660W 600V
Same as 13652, Except with Internal Shunt Connection for Electronic Ballasts	23652-WP	660W 600V

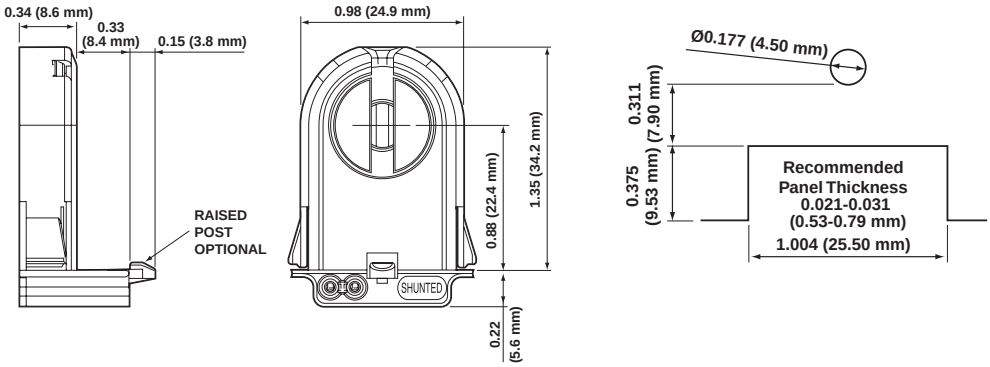
All devices are UL Listed and CSA Certified.

13653-WP

13357-N



Cat No. 13351-D



Cat No. 23653-WP

SPECIFICATIONS & FEATURES

Lamp-Lock

- Four-position lamp-lock socket rotates 90°, forward and back, for quick relamping
- Lamp-Lock models have slim, low profile silhouette that fits 22 to 25 gauge panels
- Chemical-resistant white thermoplastic body

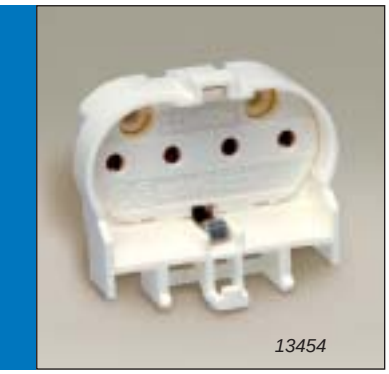
TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863; LR-5863; LR-2200)
- NOM Certified (#057)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Long Twin Tube with 2G11 Base

13453


13454

4-Pin Long Twin-Tube with 2G11 Base — Slide-In Mounting

DESCRIPTION	CAT. NO.	RATING
Slide-In for 18-20 Ga. Panels, Quickwire Terminals	13452	660W 600V
Plastic Lamp Support clip, Slide-On	23452-A	——
Plastic Lamp Support clip, Screw Mount	23452-B	——

4-Pin Long Twin-Tube with 2G11 Base — Bottom or Back Mounting

DESCRIPTION	CAT. NO.	RATING
Vertical Snap-In Mounting, Side Push-In Wiring	13453	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23453	660W 600V
Horizontal Snap-In Mounting, Bottom Push-In Wiring	13454	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23454	660W 600V
Horizontal Screw-Mount. Bottom Push-In Wiring	13455	660W 600V
Same as above, with Internal Shunt Connection for Electronic Ballasts	23455	660W 600V
Horizontal Snap-In Lamp Support Clip. UV-Stable, Clear Polycarbonate	23452-H	——
Vertical Snap-In Lamp Support Clip. UV-Stable, Clear Polycarbonate	23452-V	——

All devices are UL Listed and CSA Certified.

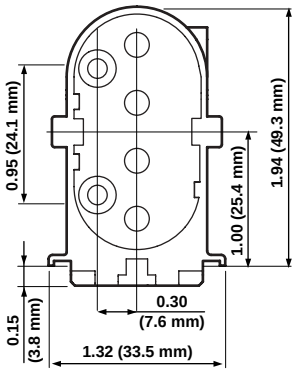
SPECIFICATIONS & FEATURES

- Vertical Snap-In model allows wires to be routed on either top or bottom of panel
- Two wiring ports per contact speed harness wiring
- Internal Shunt models eliminate need for extra jumper wire in fixtures designed for electronic ballasts
- Low-profile design for smaller, more compact fixtures
- Superior metal-spring lamp retainer clips

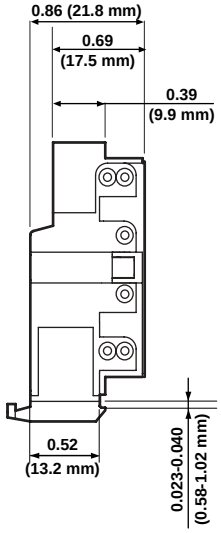
TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- CSA Certified (File #LR-1863)
- NOM Certified (File #057)

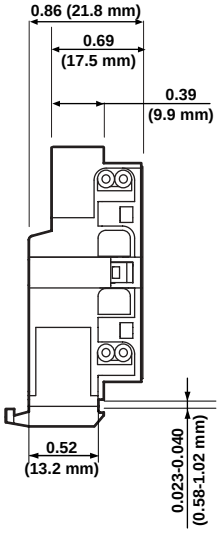
13453 and 23454

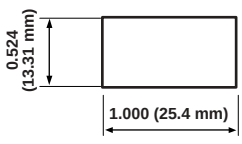


13453



23453





SUGGESTED PANEL CUTOUT
PANEL-THICKNESS
.023-.039 (0.58–0.99 mm) MAX.
INCLUDING PAINT

Cat Nos. 13453 and 23454

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

10mm Compact Fluorescent Lampholders

For G23 and G23-2 Lamp Bases
Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Horizontal Snap-In	26719-100	White	G23, G23-2	PL-S, 5W, 7W, 9W	DULUX S 5W, 7W, 9W DULUX D 9W	BIAX, 5W, 7W, 9W DOUBLE BIAX 9W
Horizontal Screw-Down	26719-200	White	G23, G23-2			
Vertical Top Snap-In	26719-300*	White	G23			
4-Hole Vertical Screw-Down	26719-400	White	G23, G23-2			
Vertical Bottom Snap-In	26719-500	White	G23, G23-2			

*Not compatible with 9-watt DTT lamps

For GX23 and GX23-2 Lamp Bases
Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Horizontal Snap-In	26720-100	White w/Black	GX23, GX23-2	PL-S 13W PL-C 13W	DULUX S 13W DULUX D 13W	BIAX 13W DOUBLE BIAX 13W
Horizontal Screw-Down	26720-200	White w/Black	GX23, GX23-2			
Vertical Top Snap-In	26720-300*	White w/Black	GX23			
4-Hole Vertical Screw-Down	26720-400	White w/Black	GX23, GX23-2			
Vertical Bottom Snap-In For 18-20 Ga. Panels	26720-500 26720-520	White w/Black	GX23, GX23-2			

*Not compatible with 13-watt DTT lamps
All devices are UL Listed and CSA Certified.

26719-400

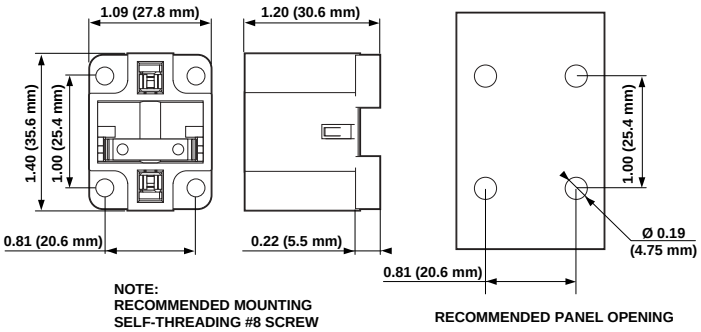
26720-400

SPECIFICATIONS & FEATURES

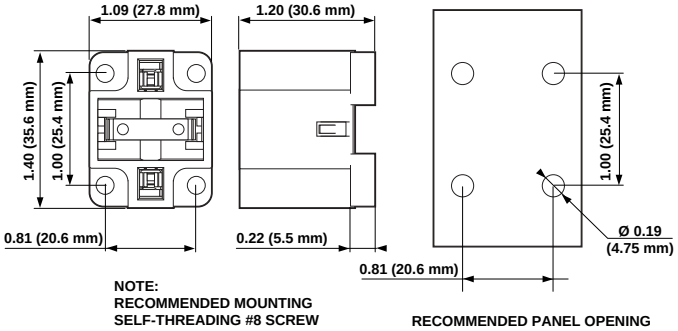
- "Smart" CFL Lampholders are color-coded for easy wattage identification
- Bottom snap-in versions for easier panel assembly
- Snap-In versions designed for 16 Ga. panels, except where noted
- Metal-spring lamp-retainer clip provides positive lamp retention and is more durable than plastic clips
- Two wiring ports per contact speed harness wiring
- Four screw holes for greater mounting flexibility
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- White thermoplastic body

TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)

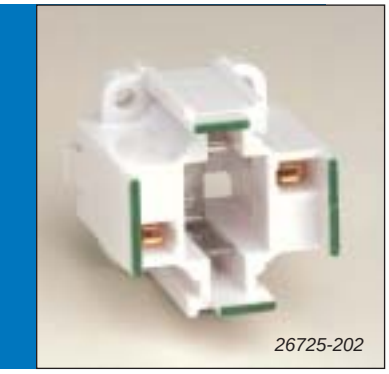


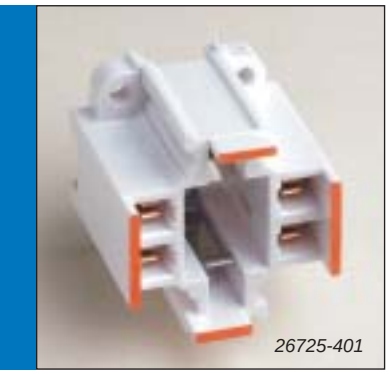
Cat No. 26720-400



Cat. No. 26719-400

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com





SPECIFICATIONS & FEATURES

- "Smart" CFL Lampholder are color-coded for easy wattage identification
- Bottom snap-in versions for easier panel assembly
- Snap-In versions designed for 16 Ga. panels, except where noted
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring lamp-retainer clip provides positive lamp retention and is more durable than plastic clips
- Two wiring ports per contact speed harness wiring
- Four screw holes for greater mounting flexibility
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- White thermoplastic body

TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)

10mm Compact Fluorescent Lampholders

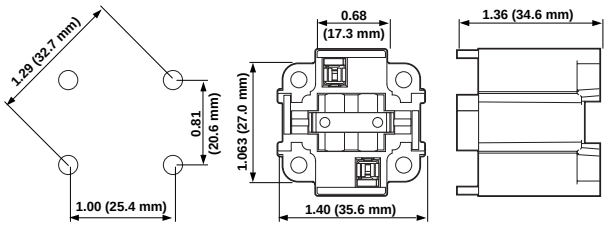
For G24d Lamp Bases 2-Pin — Rating: 75 WATT 600V

MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Bottom Snap-In For 18-20 Ga. Panels	26725-201 26725-221	White w/Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX 10W, 13W
Bottom Snap-In For 18-20 Ga. Panels	26725-202 26725-222	Green	G24d-2	PL-C 18-W	DULUX D 18W	DOUBLE BIAX 18W
Bottom Snap-In For 18-20 Ga. Panels	26725-203 26725-223	Orange	G24d-3	PL-C 26W	DULUX D 26W	DOUBLE BIAX 26W
4-Hole Bottom Screw-Down	26725-211	White w/Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX
4-Hole Bottom Screw-Down	26725-212	Green	G24d-2	PL-C 18W	DULUX D 18W	DOUBLE BIAX 18W
4-Hole Bottom Screw-Down	26725-213	Orange	G24d-3	PL-C 26W	DULUX D 26W DULUX T 26W	DOUBLE BIAX 26W

For G24q and GX24q Lamp Bases 4-Pin — Rating: 75 WATT 600V
Suitable for Dimming or Electronic Ballasts

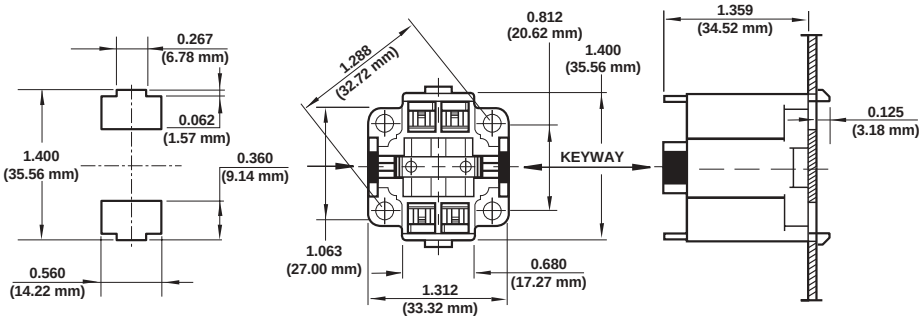
MOUNTING	CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
Bottom Snap-In For 18-20 Ga. Panels	26725-401 26725-421	White w/Black	G24q-1	PL-C 10W, 13W	DULUX D/E 10W, 13W	DOUBLE BIAX 10W, 13W
Bottom Snap-In For 18-20 Ga. Panels	26725-402 26725-422	Green	G24q-2	PL-C 18W	DULUX D/E 18W	DOUBLE BIAX 18W
Bottom Snap-In For 18-20 Ga. Panels	26725-403 26725-423	Orange	G24q-3, GX24q-3 26W, 32W	PL-C 26W PL-T 26W, 32W	DULUX D/E DULUX T/E 26W	DOUBLE BIAX
Bottom Snap-In For 18-20 Ga. Panels	26725-404 26725-424	Yellow	GX24q-4	PL-T 42W	DULUX T/E 42W	PERFORMANCE BIAX 42W
Bottom Snap-In for Universal ballast only, 18-20 Ga. Panels	26725-429	White	G24q-3 GX24q-4	PL-T 26W, 32W, 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W
4-Hole Bottom Screw-Down	26725-411	White w/Black	G24q-1	PL-C 10W, 13W	DULUX D/E 10W, 13W	DOUBLE BIAX 10W, 13W
4-Hole Bottom Screw-Down	26725-412	Green	G24q-2	PL-C 18W	DULUX D/E 18W	DOUBLE BIAX 18W
4-Hole Bottom Screw-Down	26725-413	Orange	G24q-3, GX24q-3	PL-C 26W PL-T 26W, 32W	DULUX D/E DULUX T/E 26W, 32W	DOUBLE BIAX 26W
4-Hole Bottom Screw-Down	26725-414	Yellow	GX24q-4	PL-T 42W	DULUX T/E 42W	PERFORMANCE BIAX 42W
4-Hole bottom Screw-Down for Universal ballast only	26725-419	White	G24q-3 GX24q-4	PL-T 26W, 32W, 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W

Note: Lamp names are trademarked by manufacturers



RECOMMENDED MOUNTING HOLE PATTERN

Cat No. 26725-213



RECOMMENDED PANEL OPENING

FOR SCREW-MOUNT OPTION, RECOMMENDED MOUNTING SCREW #8 SELF-CUTTING

RECOMMENDED PANEL THICKNESS - 16 GA.

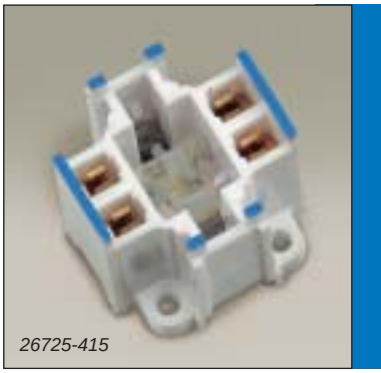
Cat. No. 26725-401

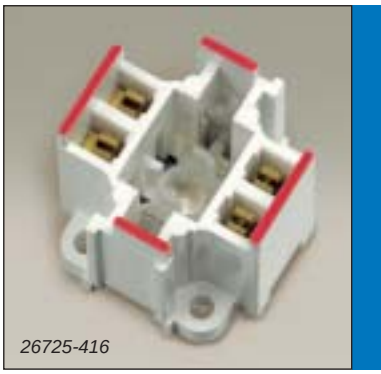
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

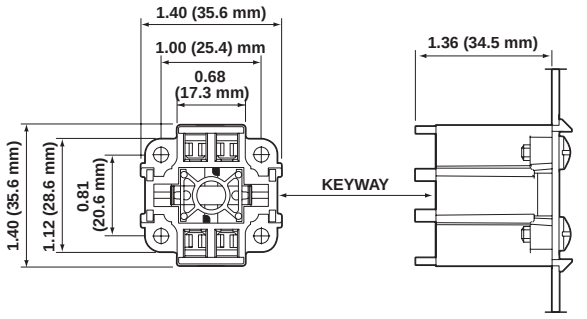
10mm Compact Fluorescent Lampholders for High-Wattage Lamps

For GX24q Lamp Bases, 4-Pin — Rating: 75 WATT 600V
Suitable for Dimming or Electronic Ballasts

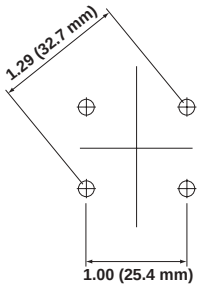
MOUNTING	CAT. NO.	COLOR	LAMP BASE	OSRAM SYLVANIA	GE LIGHTING
Bottom Snap-In for 16 Ga. Panels	26725-405	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
4-Hole Bottom Screw-Down	26725-415	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
2-Hole Bottom Screw-Down, Round Body	26725-4A5	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
Bottom Snap-In for 18–20 Ga. Panels	26725-425	Blue	GX24q-5	DULUX T/E 57W	BIAX Q/E 57W
Bottom Snap-In for 16 Ga. Panels	26725-406	Red	GX24q-6	——	BIAX Q/E 70W
4-Hole Bottom Screw-Down	26725-416	Red	GX24q-6	——	BIAX Q/E 70W
2-Hole Bottom Screw-Down, Round Body	26725-4A6	Red	GX24q-6	——	BIAX Q/E 70W
Bottom Snap-In for 18–20 Ga. Panels	26725-426	Red	GX24q-6	——	BIAX Q/E 70W


26725-415


26725-416

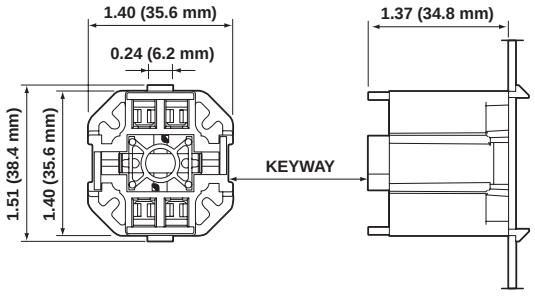


RECOMMENDED MOUNTING SCREW #8 SELF-CUTTING

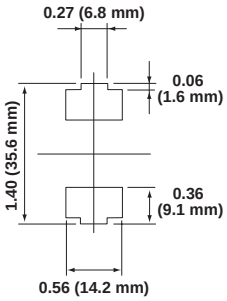


RECOMMENDED HOLE PATTERN

Cat. No. 26725-415
57W Screw Mount



RECOMMENDED PANEL THICKNESS — 18–20 GA. 0.036-0.047



RECOMMENDED PANEL OPENING

Cat. No. 26725-426
70W Snap-In

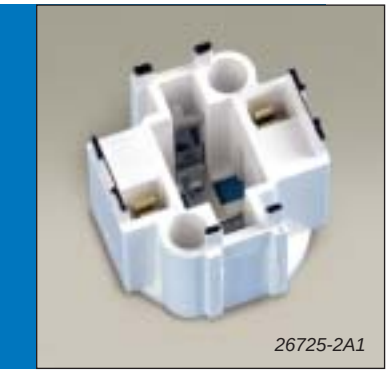
SPECIFICATIONS & FEATURES

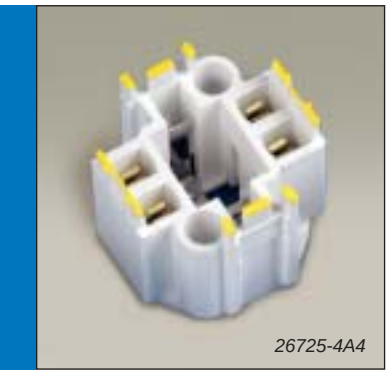
- "Smart" CFL Lampholders are color-coded for easy wattage identification
- Bottom Snap-In versions for easier panel assembly available for 16 Ga. and 18–20 Ga. panels
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring lamp-retainer clip provides positive lamp retention
- Two wiring ports per contact speed harness wiring
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- Bodies are white thermoplastic (with color-coding as indicated)
- Quick-connect push-in wiring terminals accept No. 18 AWG solid or twisted-and –overtinned leads, stripped 3/8 inch

TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)
- NOM Certified (#057)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com


26725-2A1


26725-4A4

SPECIFICATIONS & FEATURES

- "Smart" CFL Lampholders are color-coded for easy wattage identification
- All 4-pin lampholders have internal rejection feature that prevents insertion of 2-pin lamps
- Metal-spring lamp-retainer clip provides positive lamp retention and is more durable than plastic clips
- Two wiring ports per contact speed harness wiring
- Wire-routing options for top or bottom side of mounting panel for easier assembly
- Bodies are white thermoplastic (with color-coding as indicated)
- Quick-connect push-in wiring terminals accept No. 18 AWG solid or twisted-and–overtinned leads, stripped 3/8 inch

TESTING & CODE COMPLIANCE

- UL Listed (File #E-5833)
- UL Listed for indoor and outdoor applications when properly enclosed
- CSA Certified (File #LR-1863)
- NOM Certified (#057)

10mm Compact Fluorescent Lampholders with Round Bodies

For G24d Lamp Bases, 2-Pin — Rating: 75 WATT 600V
Bottom Screw-Down Mounting

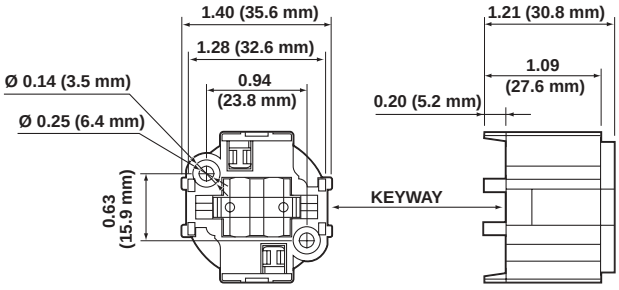
CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
26725-2A1	Black	G24d-1	PL-C 10W, 13W	DULUX D 10W, 13W	DOUBLE BIAX 10W, 13W
26725-2A2	Green	G24d-2	PL-C, 18W	DULUX D, 18W DULUX T, 18W	DOUBLE BIAX 18W
26725-2A3	Orange	G24d-3	PL-C, 26W	DULUX D, 26W DULUX T, 26W	DOUBLE BIAX 26W

For G24q and GX24q Lamp Bases, 4-Pin — Rating: 75 WATT 600V
Bottom Screw-Down Mounting — Suitable for Dimming or Electronic Ballasts

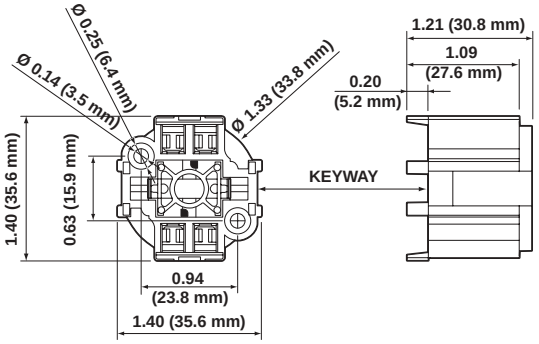
CAT. NO.	COLOR	LAMP BASE	PHILIPS	OSRAM SYLVANIA	GE LIGHTING
26725-4A1	Black	G24q-1	PL-C 10W, 13W	DULUX-D 10W, 13W	DOUBLE BIAX 10W, 13W TRIPLE BIAX 13W
26725-4A2	Green Green	G24q-2 GX24q-2	PL-C, 18W PL-C, 18W	DULUX D, 18W DULUX T/E, 18W	DOUBLE BIAX, 18W TRIPLE BIAX, 18W
26725-4A3	Orange Orange	G24q-3 GX24q-3	PL-C, 26W PL-T 26W, 32W	DULUX D, 26W DULUX T/E 26W, 32W	DOUBLE BIAX, 26W TRIPLE BIAX 26W, 32W
26725-4A4	Yellow	GX24q-4	PL-T, 42W	DULUX T/E, 42W	PERFORMANCE BIAX 42W
26725-4A5	Blue	GX24q-5	——	DULUX T/E, 57W	BIAX Q/E, 57W
26725-4A6	Red	GX24q-6	——	——	BIAX Q/E, 70W
26725-4A9 Universal*	No color code White body only	G24q-3 GX24q-4	PL-T 26W, 32W 42W	DULUX T/E 26W, 32W, 42W	TRIPLE BIAX 26W, 32W, 42W

*For use with universal ballast only

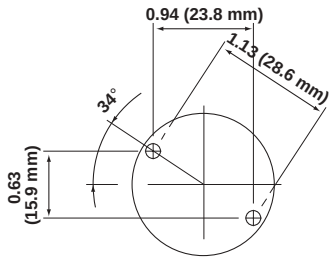
Note: Lamp names are trademarked by manufacturers



Cat No. 26725-2A1



Cat No. 26725-4A5



Recommended Panel Opening for Cat No. 26725-2A1 and Cat No. 26725-4A5

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Appliance Switches

The Leviton wiring devices included in this section constitute only a partial listing of Leviton's complete appliance device line. To learn more about the availability of appliance devices to meet your specialized needs, please contact your Leviton representative.

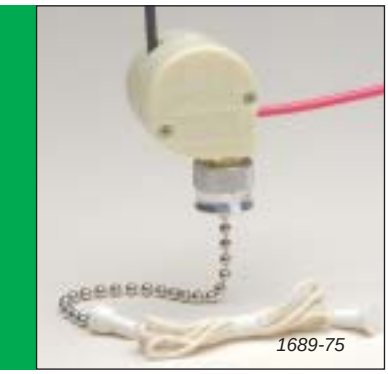
APPLIANCE SWITCHES

Single Pole Pull Chain ____ M1
Single Pole Rotary ____ M1
Two Circuit Rotary ____ M2
Single Pole Pushbutton ____ M2
Door Jamb Switch ____ M2
Fluorescent Starter Pushbutton ____ M3
Single Pole Toggle ____ M3
Feed-Through Cord Switch ____ M4
Miniature Feed-Through Cord Switch ____ M4

SECTION **M**

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Appliance Switches



Single Pole Pull Chain Switches

3 AMP 125V AC-L 6 AMP 125V AC 3 AMP 250V AC ¼ HP 125/250V

DESCRIPTION	CAT. NO.	SEQUENCE
Heavy Duty, Single Circuit, Black and Red Leads	1689-75	ON-OFF (L1, OFF)
Heavy Duty, Two Circuit, Four Positions, Black, Blue, Red Leads	1689-50	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)
Heavy Duty, Two Speed, Four Positions, Black, Blue, Red Leads	1691-50	ONE-OFF-TWO-OFF (L1, L2, L3, OFF)

3 AMP 125V 1 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Compact, Single Circuit, Black Leads	10097-8	ON-OFF

3 AMP 125V AC-L 6 AMP 125V AC 3 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Compact, Single Circuit, Black Leads	10041-500	ON-OFF

Single Pole Rotary Switches

6 AMP 125V AC 3 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Non-Removable Black Plastic Knob, Black Leads	90572	ON-OFF
Non-Removable Metal Knob, Brass or Nickel Finish, Black Leads	90577-010	ON-OFF

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

Single Pole Pull Chain Switches

- Standard finish of metal chain is nickel
- Standard leads are No.18 AWG 105°C plastic 6" long, stripped 1/2"
- 3 3/4" chain connector, 3' braided cord, end bell
- Bushing 3/8-27 x 3/8" long
- Piercing 13/32" dia.

Single Pole Rotary Switches

- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"

Cat. No. 90572

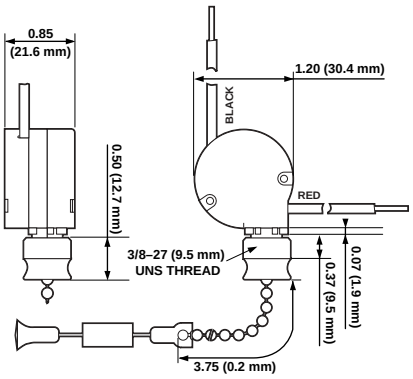
- Bushing 3/8-27 x 11/32" long; panel opening 13/32" dia.

TESTING & CODE COMPLIANCE

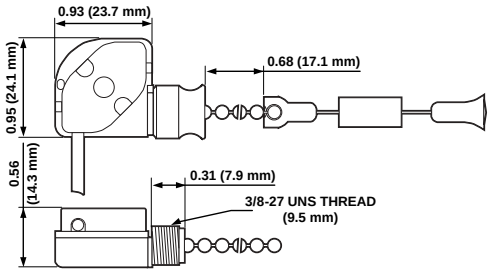
- UL Recognized Component (File #E-7458)—Cat. Nos. 1689-75, 1689-50, 1691-50, 10041-500, 90572, 90577-010
- UL Listed (File #E-7443)—Cat. No. 10097-8
- CSA Certified (File #LR-3413)
- NOM Certified (#057)

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C



HEAVY DUTY PULL CHAIN SWITCH
Cat. No. 1689-75



COMPACT PULL CHAIN SWITCH
Cat. No. 10097-8

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Two Circuit Rotary Switches

6 AMP 125VT 3 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Circuit, Four Position, Heavy Duty, Black, Blue, Red Leads	663	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)

3 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Circuit, Four Position, Black, Blue, Red Leads	573	LOW-MED-HIGH-OFF (L1, L2, L1 & 2, OFF)

Single Pole Pushbutton Switches

3 AMP 125V AC-L 1.5 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Black Leads, Molded Brown Pushbutton	9575-250	ON-OFF

3 AMP 125V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Momentary, for double-insulated applications. Black leads	2591	NORMALLY OFF
Single Circuit, Momentary for double-insulated applications. Also rated 1.5 AMP 277V AC. Black leads	2592	NORMALLY ON

3 AMP 125V — Door Jamb Switch

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Momentary, Metal Pushbutton, No. 18AWG Leads, with Jamb Box, Mounting Screws and Cover Plate	1865	NORMALLY ON

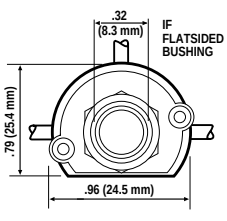
3 AMP 125V AC-L 1.5 AMP 250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single Circuit, Compact Body, Black Leads, Metal Pushbutton	90679-001	ON-OFF

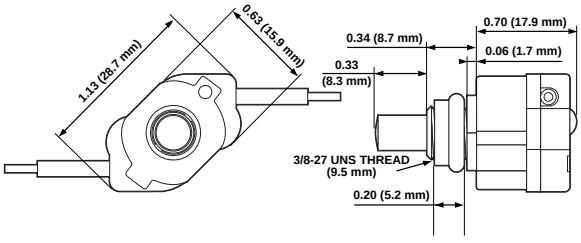
3 AMP 125VT 1 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Two Speed, Three-Position, Black, Blue, Red Leads	585	L1, L2, OFF

All devices are UL Listed and CSA Certified.



TWO CIRCUIT ROTARY SWITCH
Cat. No. 573



SINGLE CIRCUIT PUSHBUTTON SWITCH
Cat. No. 9575-250

SPECIFICATIONS & FEATURES

Rotary Switches
- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"

Cat. Nos. 663, 573
- Bushing 3/8-27 x 3/8" long; panel opening 13/32" dia.; knob spindle 4-36 x 5/32"

Single Pole Pushbutton Switches
- Standard leads are No. 18 AWG 105°C plastic 6" long, stripped 1/2"
- Plastic actuators are brown molded plastic unless otherwise indicated

Cat. No. 9575-250
- Plastic button; bushing 3/8-27 x 11/32" long; panel opening 11/32" dia. Leads stripped 3/4"

Cat. Nos. 2591, 2592
- Plastic button; bushing 3/8-27 x 27/64" long
- 2591: One 12" lead and one 6" lead

Cat. No. 1865 – Door Jamb Switch
- Bushing 15/32-32 x 18/32" long

Cat. No. 90679-001
- Metal button; bushing 3/8-27 x 27/64" long, leads stripped 3/4"

Cat. No. 585
- Metal button; bushing 3/8-27 x 27/64" long Leads stripped 3/4"

TESTING & CODE COMPLIANCE

- UL Recognized Component (File #E-7458)—Cat. Nos. 9575-250, 2591, 2592, 90679-001, 585
- UL Listed (File #E-7443)—Cat. Nos. 663, 573, 1865
- CSA Certified (File #LR-3413)—All, except Cat. Nos. 2591 and 2592
- NOM Certified (#057)

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

388

735

SPECIFICATIONS & FEATURES

Cat. Nos. 388, 9382
- Bushing 3/8-27 x 11/32" long; panel opening 13/32" dia.

Cat. No. 735
- Bushing 15/32-32 x 1/4" long

Cat. No. 720-L5
- Bushing 15/32-32 x 1/4" long

Cat. No. 1720-T
- Bushing 15/32-32 x 11/32" long

Cat. Nos. 1738, 738
- Bushing 15/32-32 x 11/32" long; panel opening 1/2" dia.

Cat. Nos. 5731, 5721
- Bushing 15/32-32 x 31/64" long. Bat-type toggle extends 11/16" from top of bushing

TESTING & CODE COMPLIANCE

- UL Listed (File #E-18134)—Cat. Nos. 388, 9382
- UL Listed (File #E-7458)—Cat. Nos. 735, 720-L5, 1720-T, 738, 1738, 5731, 5721
- CSA Certified (File #LR-8255)—Cat. No. 388
- CSA Certified (File #LR-3413)—Cat. Nos. 9382, 735, 720-L5, 1720-T, 738, 1738, 5731, 5721
- NOM Certified (#057)

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

Pushbutton Switches Fluorescent Starter

40 WATT 125V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Metal Button, 2 Black, 2 Blue Leads	388	ON-OFF
Plastic Button, 2 Black, 2 Blue Leads	9382	ON-OFF

Single Pole Toggle Switches

6 AMP 125V 3 AMP 250V

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Ball Toggle. Nickel Finish ON-OFF Indicator Plate keyed to bushing. #6-32 Brass Terminal Screws	735	ON-OFF

6 AMP 125V 3 AMP 125VT 3 AMP 250V

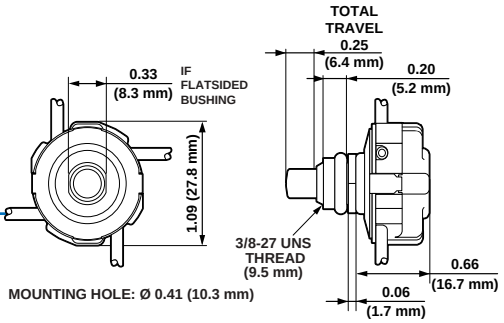
DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Metal Bat Toggle. ON-OFF Indicator Plate keyed to bushing. No. 18 AWG leads.	720-L5	ON-OFF
Same as above, with Molded Nylon Bat Toggle. Meets UL requirements for double insulated applications	1720-T	ON-OFF

8 AMP 125V

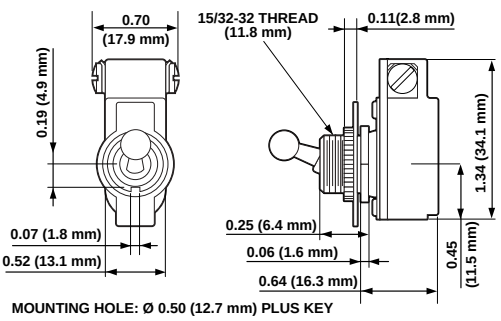
DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Metal Bat Toggle. Nickel Finish ON-OFF Indicator Plate keyed to bushing with No. 16 AWG leads.	738	ON-OFF
Similar to Cat. No 738, with Black Molded Nylon Bat Toggle. No. 16 AWG leads. For double insulated applications	1738	ON-OFF

15 AMP 125V AC 10 AMP 250V AC 3/4 HP 125/250V AC

DESCRIPTION	CAT. NO.	SEQUENCE
Single-Throw Heavy-Duty Aluminum Bat Toggle. Stamped with ON-OFF marking. Screw terminals	5731	ON-OFF
Single-Throw Heavy-Duty Aluminum Bat Toggle. Stamped with ON-OFF marking. Quick connect tabs	5721	ON-OFF



FLUORESCENT STARTER SWITCH
Cat. No. 388



SINGLE POLE TOGGLE SWITCH
Cat. No. 735

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Feed-Through Cord Switches

3 AMP 125V ½ H.P. 125V

DESCRIPTION	CAT. NO.	SEQUENCE	COLOR* Basic Cat. No. denotes Brown
Heavy Duty, Single Pole, 18/2 – 16/2 Type SPT-1, SPT-2 or Round Cord 18/2, Type SVT and other cords up to 9⁄32" outer jacket.	5410	ON-OFF	I, W

Miniature Feed-Through Cord Switch

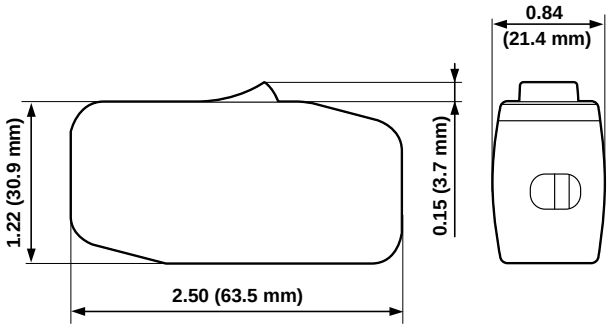
6 AMP 125V 3 AMP 125VT 3 AMP 250V

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. denotes Brown
Miniature Single Pole, ON-OFF Sequence, Captive Screw. For use with #18 ga. SPT-1 conductors	423-3	I, W

All devices are UL Listed.and CSA Certified.

5410

423



FEED-THROUGH SWITCH
Cat. No. 5410

TESTING & CODE COMPLIANCE

- UL Listed (File #E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)

*COLOR

Basic Cat. No. denotes Brown. Add the suffix to catalog number as follows for additional color selections: Ivory (-I), White (-W).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: -40°C to 120°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

“Every home I’ve ever worked in needed a lot of electrical accessories. Somebody in the house was always plugged into something. So I always come prepared with Leviton taps, surface outlets, adapters, night lights, circuit testers, and child protection items. Whatever residential accessory you need, Leviton’s got it.”

Residential Contractor

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Electrical Accessories

Leviton offers a variety of electrical accessories for residential use, including taps, surface outlets, adapters, night lights, circuit testers and safety items used for child protection

RESIDENTIAL ELECTRICAL ACCESSORIES

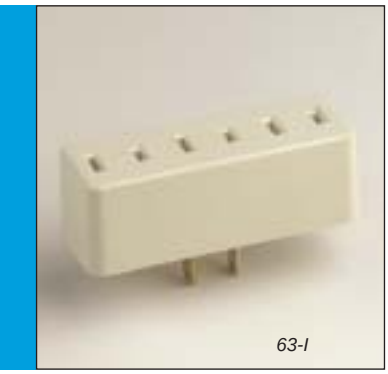
Taps and Surface Outlets ____ **N1**
Plug-in Outlet Adapters ____ **N1—N2**
Medium Base Lampholder Adapters ____ **N2**
Circuit Tester, Circuit Analyzer ____ **N2**
Night Lights ____ **N3**
Guide Lights ____ **N3**
Child Protection Devices ____ **N3**

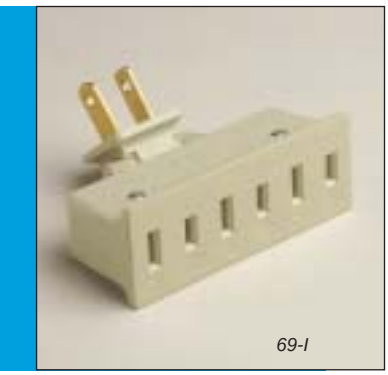
SECTION N

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Grade
Electrical Accessories

LEVITON
Building a Connected World


63-I


69-I

SPECIFICATIONS & FEATURES

- Surface-mounting devices furnished with wood screws
- Terminal screws under removable cover permit easy wiring to parallel lamp cord
- Brown phenolic or Ivory urea plastic

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13399 – Cat. No. 91; File #E-13394 – Cat. Nos. 63, 65, 69, 531 and 49687)
- CSA Certified (File #LR-406 – Cat. No. 91; File #LR-1523 – Cat. No. 63; File #LR-61476 – Cat. Nos. 65, 69 and 531)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

***COLOR**
Basic Cat. No. denotes Brown device. For other color selections, add suffix to catalog number as follows: Ivory (-I) and White (-W).

Table Taps and Surface Outlets

15 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Surface-Mount Triple Outlet, wired to No. 18-2 AWG parallel lamp cord, 3 flat or 2 round plugs accepted†★	303	I	1-15R

15 AMP 125V 2-Pole 3-Wire Grounding

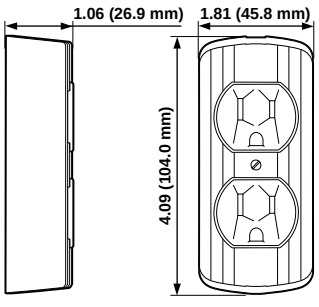
DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Double Surface-Mount, accepts up to No. 12 non-metallic sheathed cable, 2 round or flat plugs accepted	91	I	5-15R

Plug-In Outlet Adapters

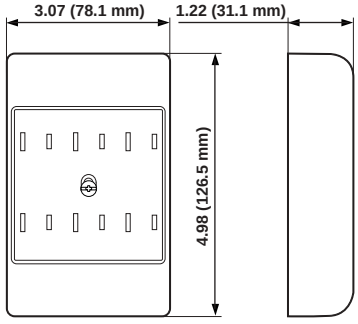
15 AMP 125V 2-Pole 2-Wire Non-Grounding

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*	NEMA CONFIG.
Single-to-Triple, Small, 2 round or 3 flat plugs accepted†★	62-P	I	
Single-to-Triple 3 round or flat plugs accepted	63	I, W	
Single-to-Triple Right Angle, 3 round or flat plugs accepted★	65	I, W	1-15R
Single-to-Triple, Swivel, 3 flat plugs accepted	69	I, W only (No Brown)	
Cube Tap, Vinyl, 3 round or flat plugs accepted	531	I, W	
2-Wire Parallel Duplex-to-Six, 6 flat or round plugs accepted★	49687	I, W only (No Brown)	

All devices are UL Listed except where indicated by†. Also CSA Certified except where indicated by★



DOUBLE SURFACE MOUNT OUTLET
Cat. No. 91



DUPLEX-TO-SIX OUTLET ADAPTER
Cat. No. 49687

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Plug-In Outlet Adapters

15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
3-Wire, U-Ground Duplex-to-Six, 6 small or 4 large plugs accepted	49686	I, W only	
3-Wire, U-Ground Single-to-Triple, 3 straight or angle plugs accepted★	697	I, W, A	5-15R
3-Wire, U-Ground Single-to-Triple, Vinyl, 3 straight or angle plugs accepted	699	Orange only	
3-Wire, U-Ground Single-to-Triple, 3 straight plugs accepted	694	Orange, Green	

15 AMP 125V 2-Pole 2-Wire to 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Adapter, 2-Wire to U-Ground, 1 straight or 1 angle plug accepted★	274	Gray only	5-15R
2-Wire to U-Ground, 3 straight plugs accepted★	698	I, W only	

NOTE: All Leviton #274 and #698 adapters ground to the outlet wallplate screws.

Medium Base Lampholder Outlet Adapters

15 AMP 660 WATT 125V 2-pole 2-wire

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Outlet-to-Lampholder★	61	I	
Lampholder-to-Outlet	125	White only	
Keyless Lampholder and 2 Outlets	1403	I, W	1-15R
Single Lampholder-to-Twin Lampholder (660W-250V)	128	I	

660 WATT 125V AC 2-Pole 2-Wire Max. Total

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown	NEMA CONFIG.
Pull Chain Lampholder and 2 Outlets. Pull chain controls lamp socket ONLY. Outlet continuously live.	1406	I, W	1-15R

Plug-In Receptacle Tester—*110-125V AC 2-Pole 3-Wire Grounding*

DESCRIPTION	CAT. NO.	
Detects faulty wiring in 3-wire receptacles, Individually Carded★	12507	5-15P

3-Wire Circuit Analyzer—*1/3 WATT 125V 2-Pole 3-Wire Grounding*

DESCRIPTION	CAT. NO.	NEMA CONFIG.
3-Wire Circuit Analyzer (Bulb not covered by warranty)	7002	5-15P

Circuit Tester—*90–300V 1/3 WATT*

DESCRIPTION	CAT. NO.
Neon Circuit Tester, Individually Carded	49666

Circuit Alert Voltage Detector—*70-440V AC*

DESCRIPTION	CAT. NO.	COLOR
Detects AC voltage without direct electrical contact, Individually Carded★	12501	Black

Digital Multimeter

DESCRIPTION	CAT. NO.	COLOR
18-Range, 7-Function, Individually Carded★	12504	Black

All devices are UL Listed. Also CSA Certified except where indicated by★

694

698-W

SPECIFICATIONS & FEATURES

Circuit Tester

- Checks wiring continuity, outlets, switches, AC or DC current, fuses
- Neon light clearly visible through plastic case
- Bulb not covered by warranty

3-Wire Circuit Analyzer

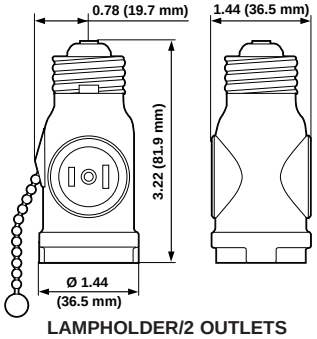
- Indicates five wiring faults common in 3-wire receptacles, plus correct wiring
- Easy-to-read red and green indicator lights
- Simple instructions included

TESTING & CODE COMPLIANCE

- UL Listed (File #E-13394 – Cat. Nos. 49686, 694, 697, 698, 274, 128, 1403 and 1406; File #E-13393 – Cat. No. 125; File #E-90289 – Cat. No. 49666; File #E-57174 – Cat. No. 7002)
- CSA Certified (File #LR-406 – Cat. No. 125; File #LR-1523 – Cat. Nos. 49686 and 1403; File #LR-2780 – Cat. No. 128; File #LR-91345 – Cat. No. 49666)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

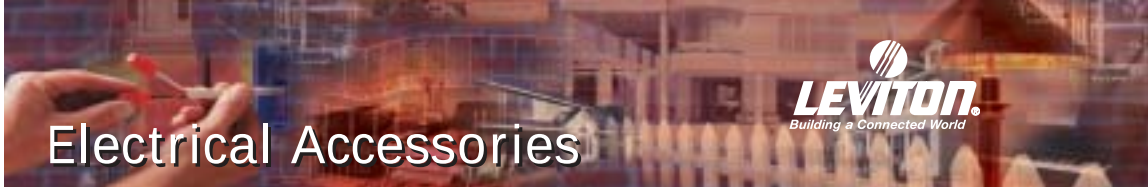
*COLOR

Basic Cat. No. denotes Brown device. For other color selections, add suffix to catalog number as follows: Ivory (-I), White (-W) and Almond (-A).



LAMPHOLDER/2 OUTLETS
Cat. No. 1406

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



SPECIFICATIONS & FEATURES

Guide Lights
- Energy-efficient with soft, comforting light
- Compact Neon model keeps second outlet free
- No bulb to replace in LED model

Automatic Night Light
- Turns ON automatically at dusk; OFF automatically at dawn
- Rotating shade removes easily for bulb replacement
- Long-life 4 watt bulb included

Outlet Cover Night Light
- Provides a soft glow when plugged in
- Covers both openings of a duplex outlet

Outlet Caps
- Insert into unused outlets to serve as a barrier
- Can be easily removed by adults when needed for lights and appliances

Child-Resistant Wallplates
- Sliding shutters block outlet openings
- Shutters slide to one side when inserting plug
- Easily replace existing wallplates

Tamper Resistant Receptacle
- Exclusive design helps prevent insertion of anything but a properly rated plug
- Floating shutters behind outlet faces block clear access to energized contacts

TESTING & CODE COMPLIANCE

- UL Listed (File #E-121173 – Cat. No. 48568; File #E-84313 – Cat. No. 48500; File #E-7416 – Cat. No. 12777; File #E-13399 – Cat. No. 5321; File #E-39445 – Cat. No. 48566)
- CSA Certified (File #LR-1863 – Cat. Nos. 48566 and 48568; File #LR-64317 – Cat. No. 48500; File #LR-406 – Cat. No. 5321)
- NOM Certified (#057)

*COLOR

Add suffix to catalog number as follows for color selections: Ivory (-I), White (-W), Black (-E).

Night Lights

ON/OFF Night Light 4 WATT 125V

DESCRIPTION	CAT. NO.	COLOR*
Night Light, Open Carded	48566	I, W

Automatic Night Light 4 WATT 125V

DESCRIPTION	CAT. NO.	COLOR* (Night Light Base)
Automatic Night Light	48568	I, W, E

Guide Lights

DESCRIPTION	CAT. NO.	COLOR
Button-Style Neon Guide Light 1/4 Watt 120V AC	49567	White
LED Guide Light with clear shade 1/2 Watt 120V AC	49568	-W (Amber LED), -BLU (Blue LED)

Child Protection Devices

Outlet Cover Night Light 1/4 WATT 125V

DESCRIPTION	CAT. NO.	COLOR
Outlet Cover Night Light	48500	White

Outlet Caps

DESCRIPTION	CAT. NO.	COLOR
Outlet Caps	12777	Clear

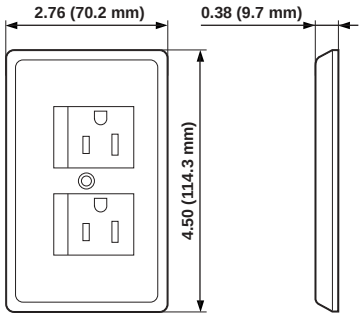
Child-Resistant Wallplates

DESCRIPTION	CAT. NO.	COLOR
Single Gang Child-Resistant Wallplates	86002	Wheat
Single Gang Child-Resistant Wallplates	88002	White

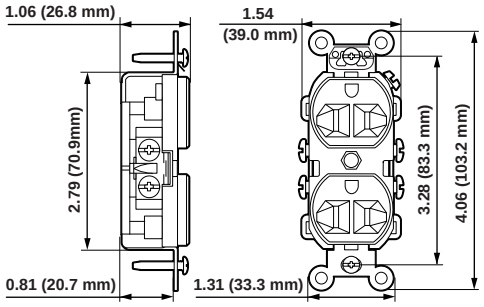
Tamper Resistant Receptacle 15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	COLOR	NEMA CONFIG.
Tamper Resistant Receptacle	5321	I, W	5-15R

All devices are UL Listed and CSA Certified



CHILD-RESISTANT WALLPLATE
Cat. No. 86002



TAMPER-RESISTANT RECEPTACLE
Cat. No. 5321

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Lighting and Fan Speed Controls

Architectural, Commercial and Residential Grade

Whether it's advanced architectural lighting control systems that can be custom-manufactured for any site-specific requirement, or innovative box-mounted controls for incandescent, low-voltage and fluorescent lighting, Leviton has the products you can depend on. Our designer preset systems and distributed programmable computer-controlled systems are ideal for large-scale, multi-use environments. Leviton's innovative line of box-mounted controls includes all-new digital multi-location devices that provide maximum performance in architectural, commercial and residential settings.

Fan Speed Controls are conveniently grouped in this section with the lighting controls that share the same product name and design features. For example, IllumaTech Fan Speed Controls are located on the same page as IllumaTech Lighting controls.

Leviton Fan Speed Controls provide convenient control of ceiling fans and their incandescent light fixtures for maximum comfort and efficiency. Follow fan manufacturer's specifications when selecting and installing any Leviton Fan Speed Control, as not all fans can be operated by solid-state controls.

ARCHITECTURAL LIGHTING CONTROL SYSTEMS
Overview ____ O1
Dimensions™ D3200 ____ O2, O3
Dimensions™ D4200 ____ O4, O5
Power Extenders ____ O6
a-2000-24 Modular Dimming Cabinets ____ O7
DALI Controls ____ O8
ARCHITECTURAL SPECIFICATION
Monet™ Scene-Capable Controls ____ O9, O10
Monet™/Mural™ Scene Controller ____ O11
Monet™ Non-Scene Controls ____ O12
Monet™ Multi-Gang Wallplates ____ O13
Renoir™ Preset Slide Dimmers ____ O14, O15
Van Gogh™ Rotary Dimmers ____ O16, O17
Ganging and Derating Lighting Controls ____ O18
MURAL LIGHTING CONTROLS
Mural Scene-Capable Controls ____ O19
Mural L/S Preset Controls ____ O20
Mural Dimmers ____ O21
TOUCH LIGHTING CONTROLS
TouchPoint™ Preset Touch-Pad Dimmer ____ O22
True Touch™ Dimmer ____ O23
ToggleTouch™ Toggle Preset Touch-Pad Dimmer ____ O24
TRADITIONAL LIGHTING CONTROLS
IllumaTech™ Preset Slide Controls ____ O25
IllumaTech™ Rotary Controls ____ O26
IllumaTech™ Non-Preset Slide Controls ____ O27
SureSlide ™ Controls ____ O28
Trimatron™ Deluxe Rotary Controls ____ O29
INCANDESCENT LIGHTING CONTROLS
Toggle Dimmers ____ O30
Decora 911 Flasher Switch ____ O30
Feed-Through Lamp Cord Dimmers ____ O31
Full-Range Dimmer Socket ____ O31
ELECTRONIC TIMER CONTROLS
Decora Plus Electronic Timer and Time Delay Switches ____ O32
Decora Plus Programmable Electronic Timer Switches ____ O33
LiteKeeper® and TimeKeeper® Stand-Alone Control Panels ____ O34

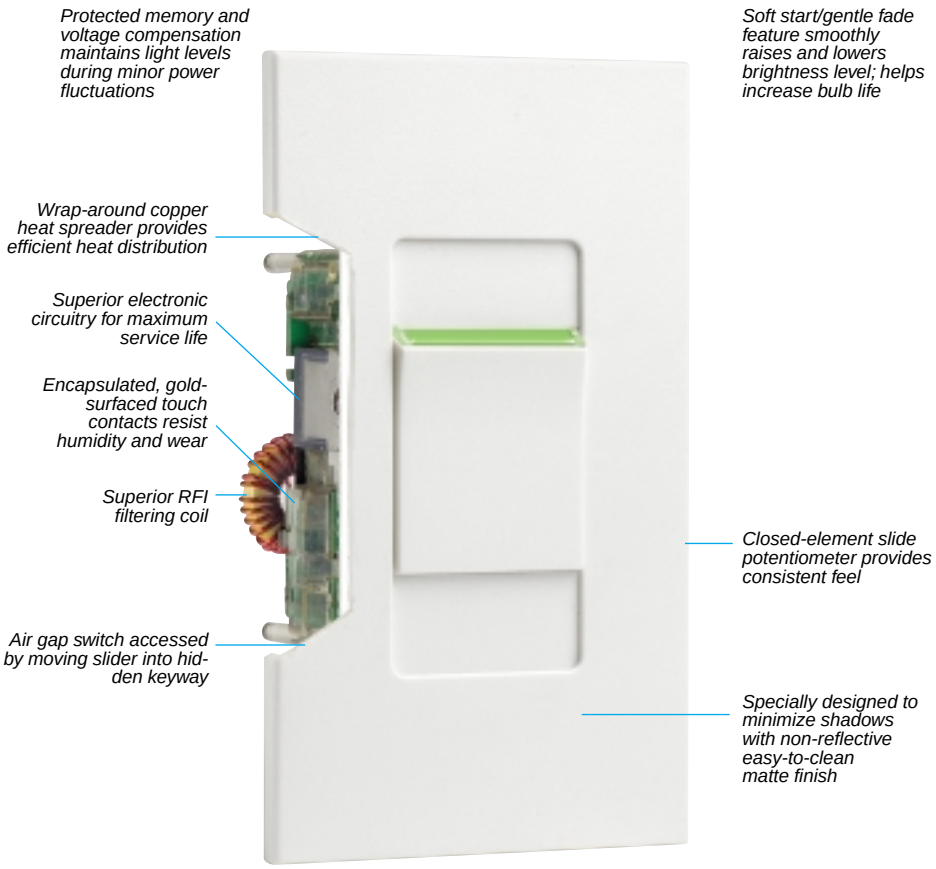
Commercial Grade
Lighting Controls

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World

Leviton's Lighting Controls offering includes Architectural Lighting Control Systems and a comprehensive line of box-mounted lighting controls for incandescent, low-voltage and fluorescent lighting, as well as fan speed controls. Box-mounted controls are offered in four functional groupings: Architectural Specification, Mural™, Touch, and Traditional.

Features and Benefits

- Provide full-range dimming in single pole, three-way, four-way and multi-location switching schemes
- Digital microprocessor state-of-the-art circuitry
- Styled for use with Decora wallplates and can be ganged with other Decora devices (Wallplates not included; must be ordered separately)
- All devices are UL Listed and CSA Certified
- Backed by a Limited Two-Year Warranty



Cat. No. MNI06-1LW

A Complete Selection of Quality Lighting Controls

Dimensions™ D3200

Multizone Controller/ Dimmers provide advanced multipoint scene control for commercial and high-end residential applications. Self-contained units control up to six zones

Cat. No. D3206-1LW

Monet™

Premier Architectural Specification Grade Slide Dimmer with Scene Lighting capability. Features all digital circuitry and low-profile, esthetic design.

Cat. No. MNI06-1LW

Monet™/Mural™ Scene Controller

Decora-style controller sends commands for up to seven distinct scenes to individual Monet and Mural Scene Capable Controls.

Cat. No. MN00C-1LW

Mural™

Decora rocker-style digital dimmer with LED brightness level indicators. Provides single-pole and multi-location dimming. Convenient color-change kits available.

Cat. No. MDI06-1LW

True Touch™

Decora-style digital touch dimmer. Provides fingertip full-range single-pole and multi-location dimming. Convenient color-change kits available.

Cat. No. TTI10-10W

TouchPoint™

Decora full-range multi-location touch dimmer responds to where finger is placed on pad. With Preset switch, LED locator, and LED brightness indicators.

Cat. No. TPI06-1LW

ToggleTouch™

Unique design features toggle-style ON/OFF switch with bright and dim digital touch pads alongside toggle. Available with LED locator light.

Cat. No. TGI10-1LW

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Dimensions™ D3200 Architectural Lighting Control System

The Dimensions D3200 is a component-based lighting system flexible enough for a wide range of commercial and high-end residential lighting applications. The essential component is the Multizone Controller/Dimmer, a self-contained programmable dimmer and scene controller that will control up to six zones of lighting. The unit will also function as a control unit for other devices attached to the Leviton Control Network (LCnet). By adding wall mounted scene controllers, a hand-held remote and a SmartJack for PC-based programming, the D3200 offers a comprehensive lighting control solution that can be expanded at any time.

Dimensions™ D3200 System Components

DESCRIPTION	CAT. NO.	LOAD RATING	COLOR*
Dimensions D3206 Multizone Controller/Dimmer— Self-contained dimmer with learning IR receiver. Controls up to 6 local zones and a maximum of 186 remote zones. Features 8 scene buttons and 32-scene capability. LCD with wizard menus. Supplies 24VDC @ 150mA power to hardwired control devices.	D3206-1L	120V AC 60Hz: 1920W/VA total output, 1000W/VA max. per zone, 1200W/VA max. per side. For use with Incandescent, Tungsten, Magnetic Low Voltage Transformer, Advance Mark X™ Fluorescent Dimming Ballast, Neon and Cold Cathode.	W, S
Dimensions D3208 Multizone Controller/Dimmer— All features of the D3206 plus: Combine/separate functionality for 8 partitioned spaces in up to 256 configurations. Up to 64 scheduled scene changes. Easy access to 2 auxiliary loads from front panel. Controls 62 additional remote zones (248 max).	D3208-1L	Same as D3206	W, S
Dimensions D3206/D3208 Color Change Kits	D32CK-0	_____	II, WW, AA, GG, EE, SW
Dimensions D3200 Scene Controller—Decora-style 5-button wall controller with 4 scene recall buttons plus OFF. Features learning IR receiver.	NE505-00C	No load rating— for use with D3200 Controller /Dimmers only .	White with matching wallplate. Includes snap-on Ivory Color Change Kit (Ivory wallplate sold separately)
D3200 Infrared Remote Control—Handheld remote for use with any IR-receiving D3200 Controller. Provides 8 scene selections, group DIM/BRIGHT, Max and OFF buttons.	NE210-00E	No load rating— for use with any IR-receiving D3200 Controller	Black
D3200 Terminator Block—Terminates LCnet run if total wire length of the bus plus the drops is greater than 10 ft.	NE600-00W	No load rating	White
SmartJack—Decora-style jack enables D3200 Setup Software to be run from PC or laptop. Includes PC cable and Software CD. Essential for any LCnet system where PC interface is desired.†	NE100-00C	No load rating	White with matching wallplate. Includes snap-on Ivory Color Change Kit (Ivory wallplate sold separately)
Power Extenders—Extends the power handling capacity of any D3206/D3208 dimming zone.	See page O6 for complete listing	Models available for incandescent, magnetic-low voltage, electronic low-voltage, Advance Mark X™ or equivalent and 0–10VDC dimmable fluorescent ballasts. See page O6 for ratings.	See page O6

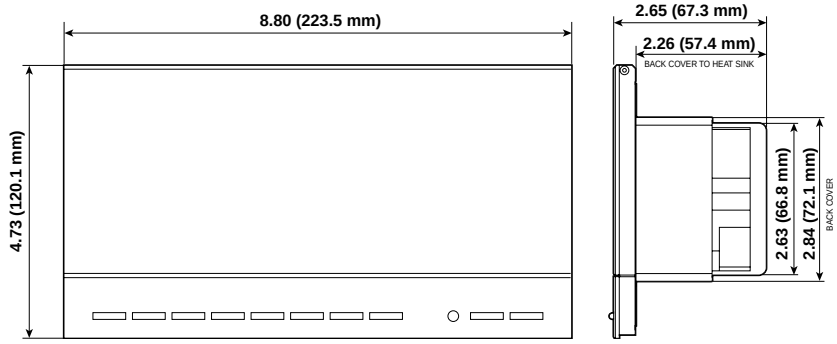
†Software can be downloaded from www.leviton.com/D3200

D3206

D3208

***COLOR**

Cat. No. D3206/D3208 available with White Frame/White Cover (-1LW) or White Frame/Smoke Cover (-1LS). For other colors, order Cat. No. D32CK Color Change Kit and add suffix as follows:
Ivory Frame/Ivory Cover (-II),
White Frame/White Cover (-WW),
Almond Frame/Almond Cover (-AA),
Gray Frame/Gray Cover (-GG),
Black Frame/Black Cover (-EE),
White Frame/Smoke Cover (-SW).



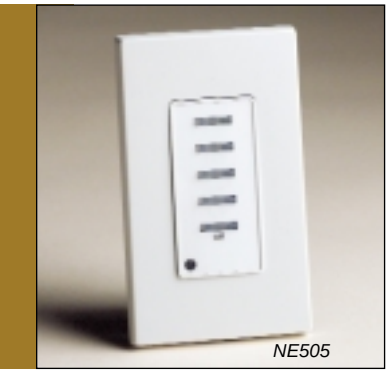
DIMENSIONS MULTIZONE CONTROLLER/DIMMER
Cat. Nos. D3206/D3208

See page O3 for Dimensions D3200 Specifications and Features.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Architectural Lighting Control Systems

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World


NE505

NE202

Dimensions™ D3200 Architectural Lighting Control System

SPECIFICATIONS & FEATURES

D3206

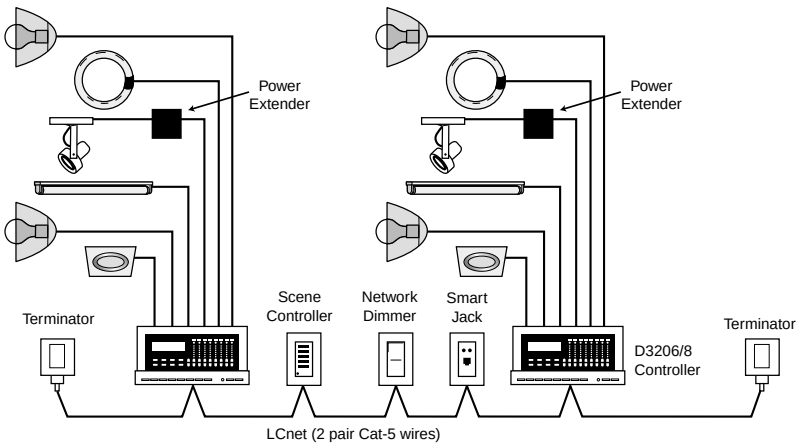
- 6 Internally-driven dimming loads
- Controls up to 186 remote zones via Leviton Control Network (LCnet) bus
- 8 Scene buttons and 32-scene capability
- 2-line, 32-character LCD with Wizards for easy setup
- LED Light-level indicators
- Group raise/lower buttons for changing all zone light levels at same time
- Learning IR Receiver
- Powers LCnet controllers and Leviton SmartJack
- Mounts in 4-gang box with 4-gang device cover
- CUL/US Listed, NOM Certified
- Backed by a Limited Two-Year Warranty

D3208 Additional Features

- Up to 64 scheduled scene changes based on time of day or astronomical clock
- Combine/Separate functionality for 8 partitions in up to 256 different configurations
- Controls up to 62 more remote zones (248 max)
- Easy front panel access to 2 auxiliary LCnet dimming zones or switching loads

APPLICATIONS

- Home Theaters
- Great Rooms
- Ballrooms
- Conference Rooms
- Restaurants
- Executive Offices
- Surgical Suites
- Houses of Worship
- Light Commercial Applications



Typical DIMENSIONS™ D3200 SYSTEM using a single LCnet bus

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Dimensions™ D4200 Architectural Lighting Controller

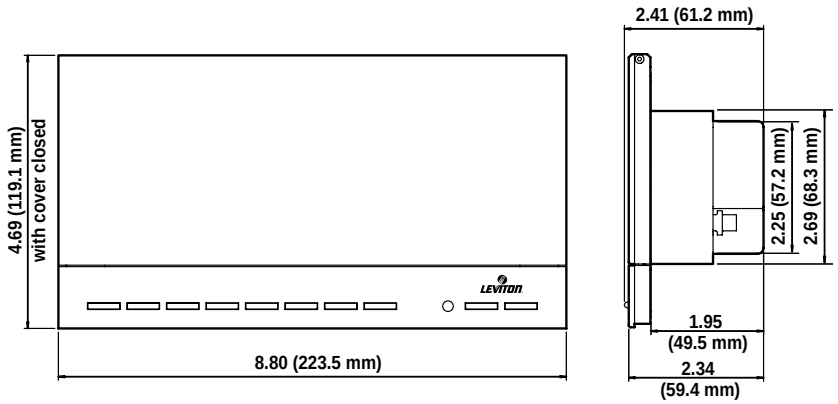
The Dimensions D4200 puts total lighting control at your fingertips. This single panel can create and save lighting scenes, switch lights and scenes instantly or with gradual fades, and provide complete control of up to 32 lighting zones per unit (320 per system). The D4200 works with a-2000 Modular Dimming Cabinets, i Series e Dimming Racks, and any DMX Dimming Rack in conjunction with an NPC XP or DLR. Up to 127 D4200 stations can be added in a low-voltage Class 2 wiring system using Luma-Net® III communication, including Luma-Net Hubs and a Combine/Closure Interface.

D4200

DESCRIPTION	CAT. NO.
Dimensions D4200 Lighting Controller—Eight preset buttons, each with indicator pilot light. Controls up to 32 zones of virtually any type of lighting (maximum of 320 zones per system). Raise/lower buD4200 Wall-Mounted Remote Control Stationsch zone plus master raise /low. Works with up to 127 devices. Pushbutton recall of 8 scenes with 8 additional scenes accessible from remote entry stations. Fade time can be set for each scene. Astronomical time clock allows sequenced events based on time of day. LCD readout shows zone and scene labels plus intensity settings. Built-in IR receiver for use with optional handheld remotes. Electronic lock prevents unauthorized operation. Available with white frame/white cover or white frame/black translucent cover.	D4200

DESCRIPTION	CAT. NO.
D4200 Wall-Mounted Remote Control Stations	
One-button Start/Stop Sequencer	D42SQ-00W
One-button Start/Stop Event Timer	D42ET-00W
One-button Join/Separate Link	D42LI-NKW
One-button Lock/Unlock	D42LO-CKW
Two-button: Preset Scene 1 and OFF, built-in IR receiver	D42P1-00W
Two-button: Master Raise and Lower, built-in IR receiver	D42RL-00W
Two-button: Preset Scene Max and OFF, built-in IR receiver	D42MO-00W
Three-button: Preset Scene 1, Max and OFF, built-in IR receiver	D42P1-M0W
Four-button: Max, OFF, Master Raise and Lower, built-in IR receiver	D42MO-RLW
Five-button: Preset Scenes 1–4 and OFF, built-in IR receiver	D42P4-00W
Five-button: Preset Scene 1, Max, OFF, Master Raise and Lower, built-in IR receiver	D42P1-RLW
Eight-button: Preset Scenes 1–4, Max, OFF, Raise and Lower, built-in IR receiver	D42P4-RLW
Eight-button: Preset Scenes 9–16	D42P9-16W
Ten-button: Preset Scenes 1–8, Max and OFF, built-in IR receiver	D42P8-00W
Ten-button: Preset Scenes 9–16, Raise and Lower	D42P9-RLW
D4200 IR Handheld Remote Controls†	
Four Preset Scenes	D42IR-04L
Eight Preset Scenes	D42IR-08L
Sixteen Preset Scenes	D42IR-16L

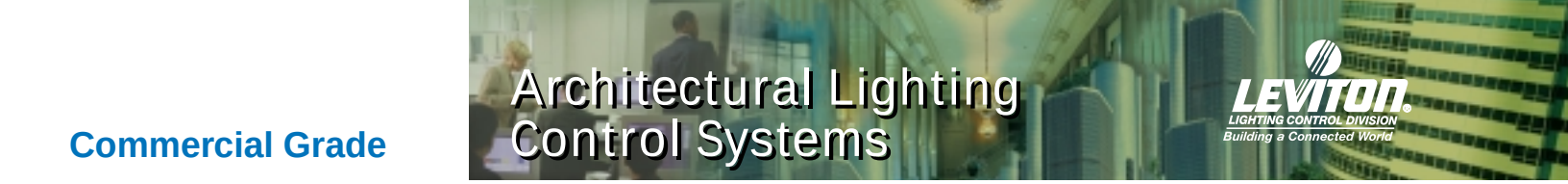
†Remote IR Ceiling-Mount Receivers available in single-gang and 2-gang models



Cat. No. D4200

See page O5 for Dimensions D4200 Specifications and Features.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



D42P8-00W

Dimensions™ D4200 Architectural Lighting Controller

SPECIFICATIONS & FEATURES

D4200 Controller

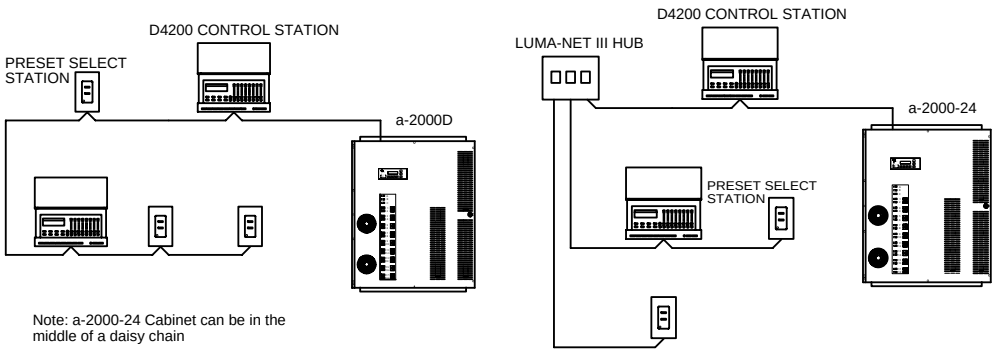
- Controls virtually any light source when used with Leviton a-2000 Dimming Panels, i Series e Dimming Racks, and any DMX Dimming Rack (in conjunction with an NPC XP or DLR)
- Controls up to 32 zones and maximum of 320 zones via Luma-Net III system
- 8 Scene buttons and 16-scene capability
- LED light-level indicators
- 2-line, LCD for time, setup screens, scene labels, zone labels, and zone intensity settings from 0 to 100%
- Individual raise/lower buttons for each zone
- Master raise/lower buttons for changing all zone light levels at same time
- Works with up to 127 devices (Controllers and Remote Stations, Luma-Net Hubs and Combine/Closure Interface)
- Built-in IR Receiver
- Built-in schedule and sequence functions
- Astronomical time clock allows preset or sequence events to be called up according to time of day
- Mounts in 4-gang box with 4-gang device cover
- UL Listed
- Backed by a Limited Two-Year Warranty

D4200 Remote Stations

- Mount in single-gang deep switchbox
- Attractive styling accepts Decora wallplates or Decora Plus screwless wallplates
- Devices listed here are White–see your Leviton representative for other available colors

APPLICATIONS

- Ballrooms
- Cafeterias
- Auditoriums
- Lecture Halls
- Conference Rooms
- Restaurants
- Meeting Rooms
- Houses of Worship



D4200 CONTROLLERS, REMOTE STATIONS and a-2000 DIMMER CABINET in Typical Luma-Net® System (Must be daisy chained, station to station)

For more information about the devices on this page and Leviton's complete line of Architectural Lighting Control Systems, call 1-503-404-5500.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Power Extenders

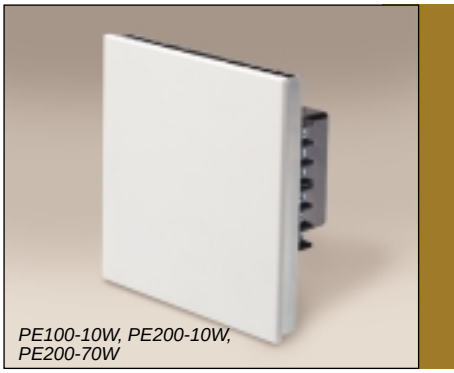
DESCRIPTION	CAT. NO.	RATING
Extends dimming zone capacity to full 1920W/VA @ 120V for incandescent, and magnetic low-voltage, halogen or neon/cold cathode lighting. Aluminum heat sink with snap-on white cover	PE100-10W	Input Voltage: 120V 50/60Hz Load Rating: 1920W/VA Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full 1920VA @ 120V for Mark X™, Hi-Lume® or equivalent dimmable fluorescent ballast only. Aluminum heat sink with snap-on white cover	PE200-10W	Input Voltage: 120V 50/60Hz Load Rating: 1920VA Mark X, Hi-Lume or equivalent fluorescent dimmable ballasts only. Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full 3000VA @ 277V for Mark X, Hi-Lume or equivalent dimmable fluorescent ballast only. Aluminum heat sink with snap-on white cover	PE200-70W	Input Voltage: 277V 50/60Hz Load Rating: 3000VA Mark X, Hi-Lume or equivalent fluorescent dimmable ballasts only. Load Output Power: phase independent of control device Dimmer Input: 120V 50/60Hz
Extends dimming zone capacity to full control of a 20A circuit with 0–10 VDC Mark VII®, OSRAM Sylvania Quicktronic® Helios™ or equivalent ballast. Metallic silver color.	PE300-D0W	Input Voltage: 108VAC to 305VAC, 60Hz Load Rating: 20A–2400VA@120VAC, 5500VA@277VAC Power Consumption: 6W@120VAC, 18W@277VAC Output Ballast Control: 0–10 VDC Dimmer Input: 120V 60Hz

Mark X™ and Mark VII™ are trademarks of the Advance Transformer Company.
Hi-Lume® is a registered trademark of the Lutron Electronic Co., Inc.
Consult your Leviton representative for availability of Power Extenders for electronic low-voltage lighting.

Power Extender Compatibility

Power Extenders work with any Dimensions Multizone Controller/Dimmer and all Architectural Systems. Refer to the chart below for compatibility with Leviton Box-Mounted Dimmers.

POWER EXTENDER	BOX-MOUNTED DIMMER COMPATIBILITY
PE100-10W	Must use 120V 600W Incandescent version of IllumaTech, Mural, True Touch, TouchPoint, ToggleTouch and Home Controls. For Monet, use 120V 600VA Magnetic Low-Voltage version (requires Neutral wire). For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.
PE200-10W PE200-70W	Must use 120V 600VA Mark X version of Monet, IllumaTech, Mural and TouchPoint. For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.
PE300-D0W	Must use 120V 600W Incandescent version of IllumaTech, Mural, True Touch, TouchPoint, ToggleTouch and Home Controls. For Monet, use 120V 600VA Magnetic Low-Voltage version (requires Neutral wire). For dimmers that include a Neutral wire, the dimmer Neutral wire must be connected.



PE100-10W, PE200-10W, PE200-70W

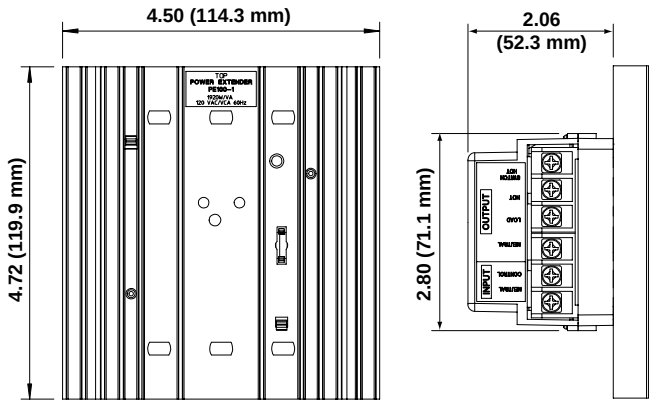
PE300-D0W

SPECIFICATIONS & FEATURES

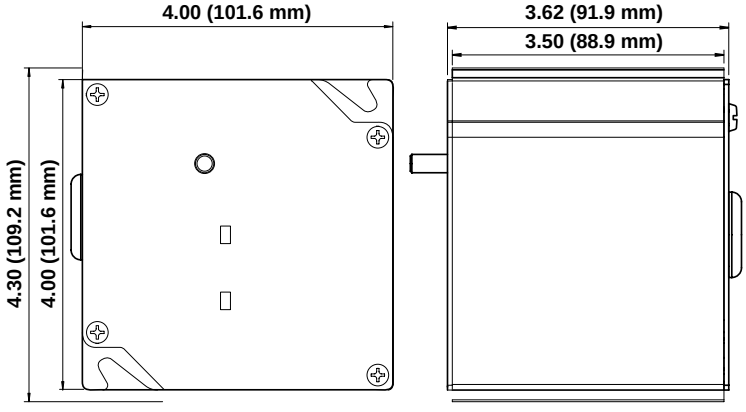
- Emulates characteristics of dimmer it is connected to in terms of dimming range and resolution
- Low-end trim available for setting minimum brightness level
- PE100 and PE200 model can be surface or flush mounted using 1900 Box and 2-gang raised cover
- PE300 mounts in 4" square box
- UL Listed, CSA Certified and NOM Certified
- Backed by a Limited Two-Year Warranty

APPLICATIONS

- Works with any Dimensions Multizone Controller/Dimmer to extend load capacity of any zone
- Extends load capacity of box-mounted dimmers (see compatibility chart)
- Works with all families of Leviton Architectural Systems



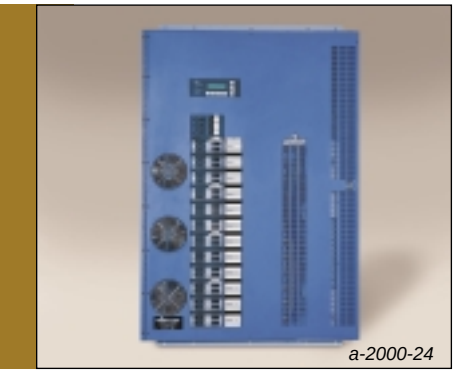
Cat. Nos. PE100-10W, PE200-10W, PE200-70W

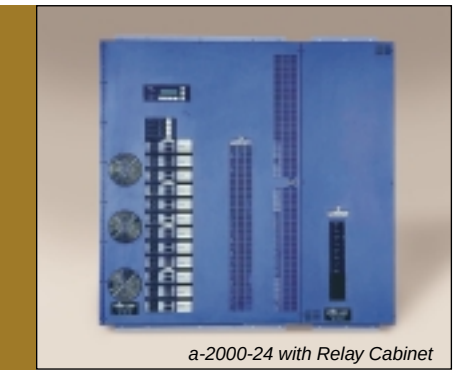


Cat. No. PE300-D0W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Architectural Lighting Control Systems


a-2000-24


a-2000-24 with Relay Cabinet

SPECIFICATIONS & FEATURES

- 4" Depth allows surface or recess mounting
- Compact 30-3/8 inch cabinet width fits between two stud widths
- Relay Cabinet (14.25" width) bolts directly to Dimmer Cabinet to form single compact unit
- Contractor-friendly design with large wiring space
- Stackable to provide 48 dimmer channels
- Top, bottom or side feed
- Plug-in dual dimmer modules for rapid field replacement
- Eight 0 to 10 VDC analog inputs
- Bypass switch for each dimmer allows full-ON operation
- Theatrical-grade dual SCR dimming circuits outperform standard triac-based dimmers
- Operates at 97% efficiency
- Toroidal filter with 350 µsec rise time
- UL and cUL Listed
- Backed by a Limited Two-Year Warranty

APPLICATIONS

- Ballrooms
- Cafeterias
- Auditoriums
- Lecture Halls
- Conference Rooms

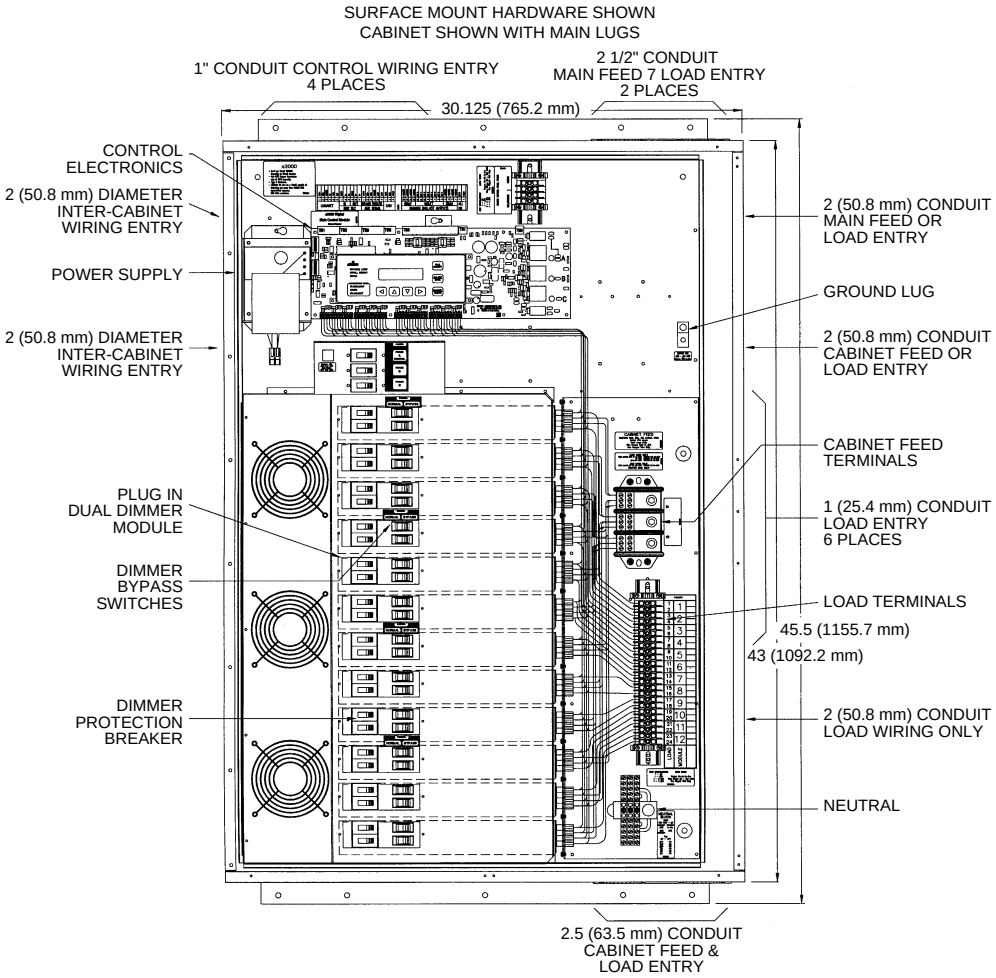
For more information about the devices on this page and Leviton's complete line of Architectural Lighting Control Systems, call 1-503-404-5500.

a-2000-24 Architectural Grade Modular Dimming Cabinet

The new Architectural Grade a-2000-24 Digital 24-channel Modular Dimming Cabinet holds up to 24 dimmer channels in 12 dual dimmer modules and delivers robust precision performance typically found only in high-end theatrical dimming systems. This user-friendly, totally modular cabinet is stackable to provide 48 dimmers with one power feed. It can also be used with a companion Relay Cabinet for straight relay control of up to 2 circuits in 120V, 277V and 247V applications. ***The a-2000-24 will integrate seamlessly with any of Leviton's Architectural Lighting Controls.***

a-2000-24 Modular Dimming and Relay Cabinets

DESCRIPTION	CAT. NO.	RATING
24-Channel Architectural Grade Modular Dimming Cabinet—With digital microprocessor-based dimming/switching panel.	a-2000-24	Up to 24 dimmer channels, 2400W per channel. Individual dimmers rated 15A or 20A. For incandescent, magnetic low-voltage, tungsten halogen and cold cathode lighting. Compatible with many types of electronic fluorescent dimming ballasts: 0 to 10 VDC types including Advance Mark VII™, OSRAM Sylvania Quicktronic® Helios™ and MagneTek Ballastar™; 2-wire types such as Advance Mark X™ and 3-wire Lutron Hi-Lume® units
Relay Cabinet—Holds up to 12 relays to provide straight relay control of fluorescent and non-fluorescent loads. Bolts directly to a-2000-24 Dimmer Cabinet to make a single easy-to-mount cabinet.	a-2000-24 Relay Cabinet	Up to 12 relays. Individual relays rated for 20A in 120V, 277V and 347V applications. Controls up to 8 separate 0 to 10 VDC electronic fluorescent dimming circuits.



Cat. No. a-2000-24

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

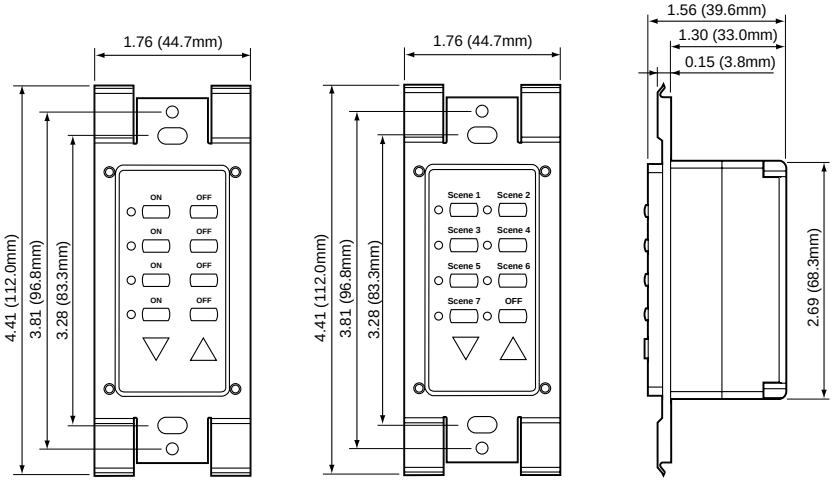
DALI Controller

The DALI Wall Mounted Controller is designed to control fluorescent ballasts supporting the Digital Addressable Lighting Interface (DALI specification). For maximum versatility, two individual snap-on control faces are provided with each DALI Controller to allow either ON/OFF Control or Scene Control, and there is also a choice individual or group operating modes. The DALI Loop Power Pack supplies power to a single DALI loop and complements the Wall Mounted Controller.

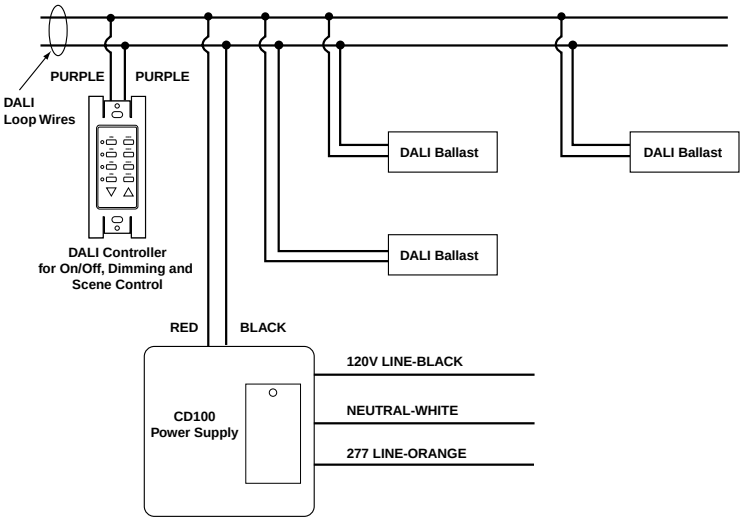
DALI Controller and Loop Power Pack

DESCRIPTION	CAT. NO.	RATING
DALI Decora-Style Wall Mounted Controller—Comes with two snap-on faces: One for ON/OFF Control (with 4 sets of ON/OF buttons plus DIM/BRIGHT) and one for Scene Control (with 8 Scene buttons plus DIM/BRIGHT). Each Control Face provides individual of group modes. Color: White.	CD250	For use with DALI compatible ballasts only in a DALI control loop. Input Voltage: 9.5V–22.5V Input Current: 10mA
DALI Loop Power Pack—Supplies power to a single DALI loop. For use with CD250 DALI Dimming/Scene Controller Color: Metallic Silver.	CD100	Input Voltage: 120/277VAC ±10% DALI Output Voltage: 12VDC nominal DALI Output Current: 100mA

Note: Only one power supply is used per loop.



Cat. No. CD250 Shown with ON/OFF Face and Scene Control Face



*DALI Loop wires are polarity independant
*Controllers and Power supply can be connected at any point on the Dali Loop

Typical DALI Loop

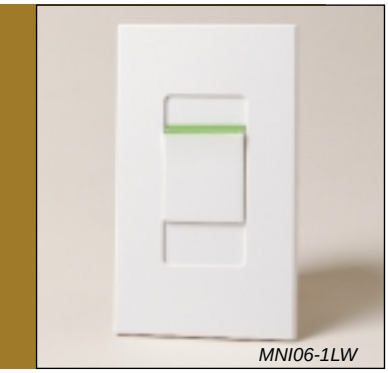
CD250

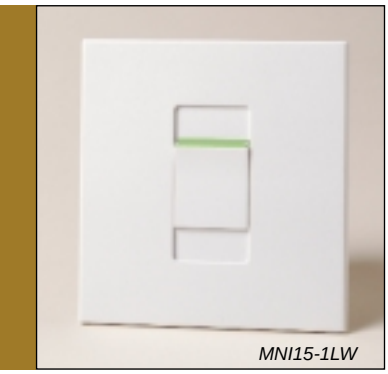
CD100

SPECIFICATIONS & FEATURES

- Multiple controllers can easily be added to the DALI network to support multiple entry ways
- Versatile controller designed for single office applications or large projects
- Snap-on control face design on Controller to offer a choice ON/OFF or SCENE control, with a choice of individual or group mode operation
- Up and down control buttons allow precise tuning of selected levels
- Makes it easy to program and control intelligent lighting fixtures using ballasts that support the DALI protocol
- Can be used to program a small DALI system without additional programming tools
- CD250 Controller Decora styling enhances any décor.
- CD100 mounts in 4" square electrical box
- Suitable for Class 1 or Class 2 control wiring
- UL Listed, CSA Certified and FCC Part 15
- Backed by a Limited Two-Year Warranty

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com


MNI06-1LW


MNI15-1LW

NOTE: Multi-gang wallplates are available for combining narrow and wide dimmers, with or without fins removed. Refer to page O13.

Monet Architectural Fin Width
Narrow: 2.75" (69.9 mm)
Wide: 4.25" (108.0 mm)

Monet™ Architectural Specification Grade Scene-Capable Controls 120V & 277V AC 60Hz

Low-profile Architectural Decora Digital Preset Slide Dimmers with LED locator light. All Monet dimmers provide single-pole (1 location) and 3-way (multi-location) control with Switching Remote, plus Scene Capabilities when used with Monet Scene Controller units.

Incandescent 120V AC

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Monet Dimmer (narrow fin)	MNI06-1LW	600W	I, W, A, G, E, B
Monet Dimmer (narrow fin)	MNI10-1LW	1000W	I, W, A, G, E, B
Monet Dimmer (wide fin)	MNI15-1LW	1500W	I, W, A, G, E, B

Low-Voltage 120V AC

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Monet Dimmer (narrow fin) Electronic	MNE04-1LW	400VA (300W)	I, W, A, G, E, B
Monet Dimmer (narrow fin) Magnetic	MNM06-1LW	600VA (450W)	I, W, A, G, E, B
Monet Dimmer (narrow fin) Magnetic	MNM10-1LW	1000VA (750W)	I, W, A, G, E, B
Monet Dimmer (wide fin) Magnetic	MNM15-1L	1500VA (1125W)	I, W, A, G, E, B

MarkX™ Fluorescent Ballast

For Advance Mark X™ fluorescent dimming ballasts.

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Monet Mark X Fluorescent Dimmer (narrow fin)	MNX10-1LW	1000VA (750W) 120V AC	I, W, A, G, E, B
Monet Mark X Fluorescent Dimmer (wide fin)	MNX15-1LW	1500VA (1125W) 120V AC	I, W, A, G, E, B
Monet Mark X 277V Fluorescent Dimmer (narrow fin)	MNX20-7LW	2000VA (1500W) 277V AC	I, W, A, G, E, B
Monet Mark X 277V Fluorescent Dimmer (wide fin)	MNX30-7LW	3000VA (2250W) 277V AC	I, W, A, G, E, B

Fan Speed Controls 120V AC

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Monet Fan Speed Control (narrow fin)	MNF07-1LW	7.5A 120V AC	I, W, A, G, E, B
Monet Fan Speed Control (wide fin)	MNF10-1LW	10A 120V AC	I, W, A, G, E, B

Monet™ Products

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Monet Scene-Capable Digital Multi-Location Switch— Non-Dimming, Lighted (narrow fin)	MNS10-1LW	1000VA (750W) 120 VAC Magnetic Low-Voltage, Magnetic and Electronic Fluorescent	I, W, G, E, A
Monet Remote Non-Dimming Switching Unit for 3-Way Applications (Unlighted)	MN00R-D0W	No load rating, use with 120V & 277V Monet dimmers only	I, W, G, E, A
Color Change Kits for MN00R-10W Monet 3-Way Switching Unit	MNK0R-00	———	I, W, G, E, A
Color Change Kit for Narrow Fin Monet Scene-Capable Controls	MNKIT-SL	———	I, W, A, G, E, B
Color Change Kit for Wide Fin Monet Scene-Capable Controls	MNKIT-LL	———	I, W, A, G, E, B
Monet Adapter Plate: Allows any Decora strap-mount device to be ganged with either small or large-size Monet controls. In multi-gang installations, must use on ends	MN0LA-000 (large) MN0SA-000 (small)	———	Metal Heat Sink

Note: Mark X™ is a trademark of the Advance Transformer Company.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

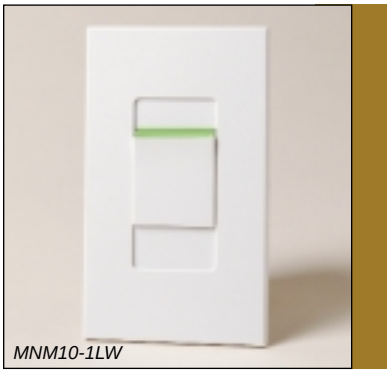
CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.

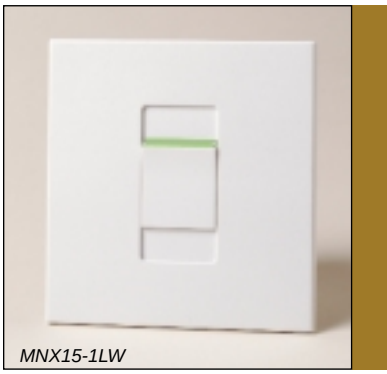
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Monet™ Scene Capable Controls

SPECIFICATIONS & FEATURES

- Premier Architectural Specification Grade dimmer combines high load capability, esthetic appearance, digital circuitry and Scene Lighting capabilities
- Provides single-pole and 3-way switching with Monet Non-Dimming Remote Unit
- Can be used with 7-Scene Controller for scene lighting applications
- Low-profile architectural fins, even on wide-fin models, for a flush fit appearance
- Smooth slide-dimming operation. Push slider for ON/OFF preset
- Digital circuit provides Soft-ON/Fade-OFF for eye-pleasing effect and prolonged bulb life
- Specially designed to minimize shadows with non-reflective, easy-to-clean matte finish. Ideal for museums, art galleries, showrooms
- Soft, green locator LED discretely positioned on slider
- Square Law Dimming ensures linear slide control across entire dim and bright output range
- Hidden air-gap switch; slider moves into hidden keyway to access air-gap switch for servicing needs. When air gap switch is open, red line appears at top
- Small and large size adapter plates fit all Leviton Decora straps to make them compatible with Monet wallplates
- Screwless, designer Monet wallplates with matte finish included. Multi-gang wallplates also available for combining narrow and wide dimmers, with or without fins removed (see page O16)
- Customized wallplate engravings available–See your Leviton representative for more information
- Built-in radio/TV interference filter
- Protected memory during temporary power failures
- Internal MOV for surge protection


MNM10-1LW


MNX15-1LW

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix for available colors: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A) and Brown (-B)

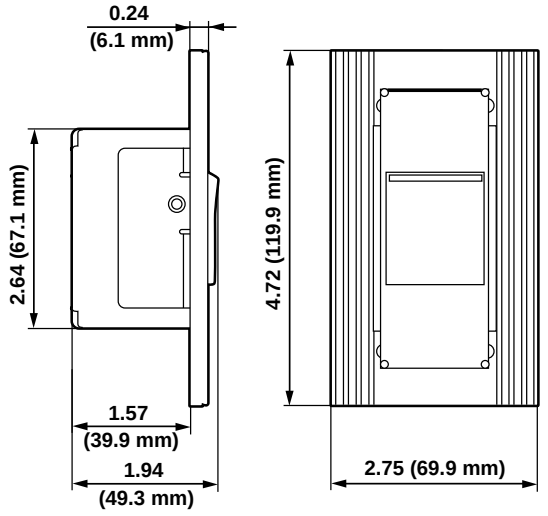
MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

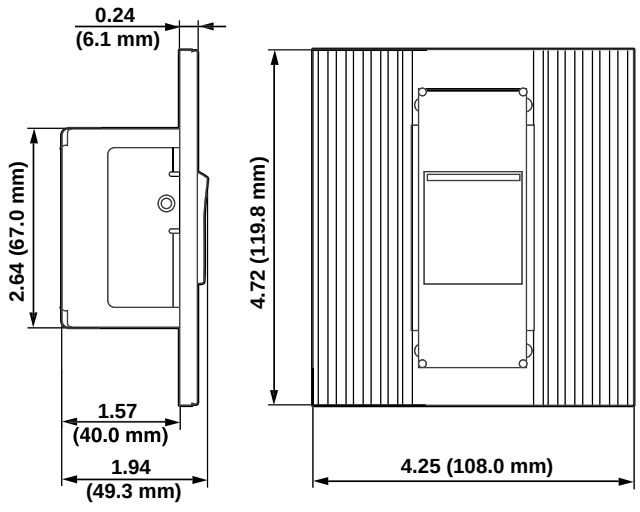
Note: For fin removal and switchbox requirements for ganging Leviton Monet dimmers, refer to page O13 or the instruction sheet provided with the device.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

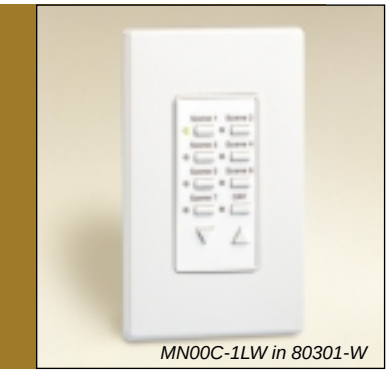


MONET CONTROLS WITH NARROW FINS



MONET CONTROLS WITH WIDE FINS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



MN00C-1LW in 80301-W

SPECIFICATIONS & FEATURES

Scene Controller

- Sends commands for up to seven distinct scenes to individual Mural Scene Capable Dimmers
- Multiple Scene Controllers can be used for multi-point access to scenes.
- Provides OFF button and two arrow-shaped buttons for group Dim and Bright control
- Local Dim/Bright adjustment on individual scene dimmers will not effect programmed scene settings.
- Green LED display for each scene button indicates selected scene
- Fast, easy scene programming: Press scene button on MN00C, adjust individual level on Mural Scene Capable dimmer, press program button on dimmer
- Controls up to 20 scene dimmers per circuit
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Works with Monet, Decora Plus or any standard Decora wallplate
- Color change kits available in ivory, white, almond, gray, and black allow fast color changeover and simplify stocking inventory
- Internal MOV for surge protection
- Customized lettering for each scene button available (maximum of 8 characters and spaces) — see your Leviton representative for ordering information

Scene Enhancement Products

- Two-Way Repeater provides scene control communication link between branch circuits. One-Way Repeater allows the creation of separate scene control zones

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373 – Cat. Nos. MN00C and 177IR; File #E-66800 – Cat. Nos. 17100-1WY and 17100-2WY; File #E-600800 – Cat. Nos. 177BI and 177OC)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

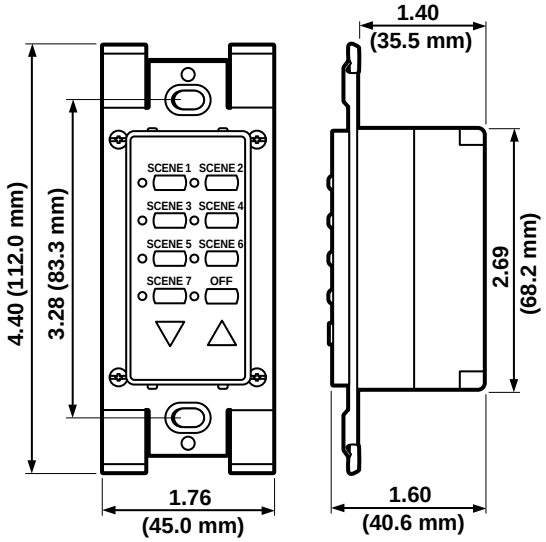
Scene Controller for Monet™ and Mural™ Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
Scene Controller: 7 Lighting-Scene Buttons plus and OFF and Group DIM BRIGHT Buttons	MN00C-1LW	No load rating, use with 120V Monet/ Mural Scene dimmers only	White, for other colors use Color Change Kits
Scene Controller: Same as above except rated for 277V dimmers	MN00C-7LW	No load rating, use with Monet 277V dimmers only	White, for other colors use Color Change Kits
Color Change Kits with Text for MN00C-1LW Scene Controller	DCKS7-00	———	I, W, A, G, E

Scene Enhancement Products — Compatible with Monet™ and Mural™ Scene Capable Lighting Controls

DESCRIPTION	CAT. NO.	RATING	COLOR*
Signal Repeater—Must be used if controlling lighting on more than one circuit. One-Way and Two-Way versions available	17100-1WY, 17100-2WY	No load rating	(Non-color item)
Contact Closure Interface—Allows control of Mural Scene Capable devices from home theater and building control systems via momentary contact inputs	177BI	No load rating	(Non-color item)
Occupancy Sensor Control Bridge—Operates Scene devices in conjunction with any Leviton Occupancy Sensor	177OC	No load rating	(Non-color item)
Infrared Receiver—Available with Wall Mount and Ceiling Mount Bezels	177IR-IWA	No load rating	Supplied with Ivory, White and Almond bezels
Hand-Held Infrared Remote Control—with 4 Scene Buttons plus OFF	177RC	No load rating	Black

Note: A Repeater must be used on any installation that uses more than one circuit.



MONET SCENE CONTROLLER
Cat. No. MN00C-1LW, -7W

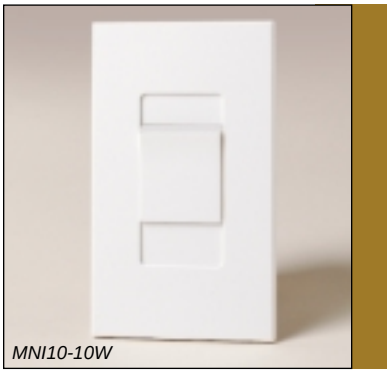
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Monet™ Architectural Specification Grade Controls
Non-Scene Capable 120 & 277V AC 60Hz

For applications where scene capability is not required, Monet single-pole incandescent dimmers and single-pole, 3-way and 4-way switches are available.

Monet Non-Scene Capable Devices

DESCRIPTION	CAT. NO.	RATING	COLOR*
Monet Incandescent Dimmer, Single-Pole, Unlighted (narrow fin)	MNI06-10W	600W 120V AC Incandescent only	I, W, A, G, E
Monet Incandescent Dimmer, Single-Pole, Unlighted (narrow fin)	MNI10-10W	1000W 120V AC Incandescent only	I, W, A, G, E
Color Change Kit for Monet Non-Scene-Capable Incandescent Dimmers	MNKIT-S0	——	I, W, A, G, E
Monet Single-Pole Rocker Switch with Screw Terminals, Lighted (narrow fin)	MNS20-1L	20A 120V AC	I, W, A, G, E
Monet 3-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	MNS20-D3	20A 120/277V AC	I, W, A, G, E
Monet 4-Way Rocker Switch with Screw Terminals, Unlighted (narrow fin)	MNS20-D4	20A 120/277V AC	I, W, A, G, E


MNI10-10W

MNS20-1LW

SPECIFICATIONS & FEATURES

- Low-profile architectural fins for flush fit appearance
- Specially designed to minimize shadows with non-reflective, easy-to-clean matte finish. Ideal for museums, art galleries, showrooms
- Screwless, designer Monet plates with matte finish included. Multi-gang wallplates also available for combining narrow and wide fin Monet devices, with or without fins removed (see page O13)
- Customized wallplate engravings available—See your Leviton representative

Dimmers

- Digital circuit provides soft-ON/fade-OFF for eye-pleasing effect and prolonged bulb life
- Built-in radio/TV interference filter
- Protected memory during temporary power failures
- Internal MOV for surge protection

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

For Monet Incandescent Dimmers listed above, basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E) and Almond (-A). Monet Rocker Switches listed above do not use Color Change Kits–Add suffix to basic Cat. No. for color selection.

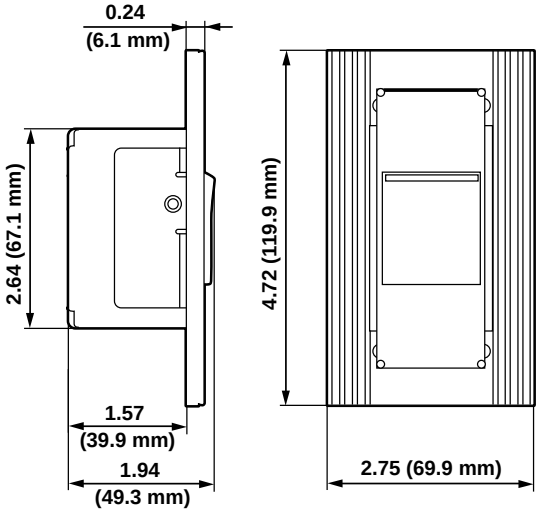
MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

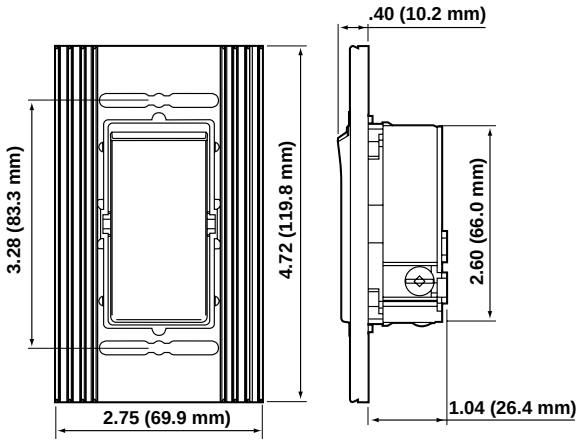
Note: For fin removal and switchbox requirements for ganging Leviton Monet dimmers, refer to page O13 or the instruction sheet provided with the device.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders



Cat. Nos. MNI06-10 and MNI10-10



Cat. No. MNS20-1L

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Monet Multi-Gang Wallplates

Table 1 — For Installations with No Fins Broken Off

Wallplate Cat. No.	Number of Narrow Fin/Wide Fin Controls	Wallbox Requirements
MNW10-00	1 Narrow	1-Gang
MNW20-00	2 Narrow	3-Gang
MNW30-00	3 Narrow	5-Gang
MNW40-00	4 Narrow	6-Gang
MNW50-00	5 Narrow	9-Gang
MNW60-00	6 Narrow	10-Gang
MNW01-00	1 Wide	1-Gang
MNW02-00	2 Wide	4-Gang
MNW03-00	3 Wide	7-Gang
MNW04-00	4 Wide	9-Gang
MNW11-00	1 Narrow/1 Wide	4-Gang
MNW21-00	2 Narrow/1 Wide	5-Gang
MNW31-00	3 Narrow/1 Wide	7-Gang
MNW41-00	4 Narrow/1 Wide	8-Gang
MNW51-00	5 Narrow/1 Wide	10-Gang
MNW12-00	1 Narrow/2 Wide	6-Gang
MNW22-00	2 Narrow/2 Wide	8-Gang
MNW32-00	3 Narrow/2 Wide	9-Gang
MNW13-00	1 Narrow/3 Wide	9-Gang
MNW23-00	2 Narrow/3 Wide	10-Gang

Table 2 — For Installations with Fins Broken Off

Wallplate Cat. No.	Number of Narrow Fin/Wide Fin Controls	Wallbox Requirements
MNW20-FB	2 Narrow	2-Gang
MNW30-FB	3 Narrow	3-Gang
MNW40-FB	4 Narrow	4-Gang
MNW50-FB	5 Narrow	5-Gang
MNW60-FB	6 Narrow	6-Gang
MNW70-FB	7 Narrow	7-Gang
MNW80-FB	8 Narrow	8-Gang
MNW90-FB	9 Narrow	9-Gang
MNW02-FB	2 Wide	3-Gang
MNW03-FB	3 Wide	5-Gang
MNW04-FB	4 Wide	7-Gang
MNW05-FB	5 Wide	9-Gang
MNW11-FB	1 Narrow/1 Wide	3-Gang
MNW21-FB	2 Narrow/1 Wide	4-Gang
MNW31-FB	3 Narrow/1 Wide	5-Gang
MNW41-FB	4 Narrow/1 Wide	6-Gang
MNW51-FB	5 Narrow/1 Wide	7-Gang
MNW61-FB	6 Narrow/1 Wide	8-Gang
MNW71-FB	7 Narrow/1 Wide	9-Gang
MNW81-FB	8 Narrow/1 Wide	10-Gang
MNW12-FB	1 Narrow/2 Wide	5-Gang
MNW22-FB	2 Narrow/2 Wide	6-Gang
MNW32-FB	3 Narrow/2 Wide	7-Gang
MNW42-FB	4 Narrow/2 Wide	8-Gang
MNW52-FB	5 Narrow/2 Wide	9-Gang
MNW62-FB	6 Narrow/2 Wide	10-Gang
MNW13-FB	1 Narrow/3 Wide	7-Gang
MNW23-FB	2 Narrow/3 Wide	8-Gang
MNW33-FB	3 Narrow/3 Wide	9-Gang
MNW43-FB	4 Narrow/3 Wide	10-Gang
MNW14-FB	1 Narrow/4 Wide	9-Gang
MNW24-FB	2 Narrow/4 Wide	10-Gang

Monet multi-gang wallplates are available for every permissible combination of small fin and large fin dimmers. Tables 1 and 2 can be used to determine if a specific combination of devices is possible. When small and large fin devices are combined, all the large fin devices must be placed to one side and all the small fin devices must be placed to the other side. In an installation where all the fins are broken off, do not remove the fins from the dimmers at each of the extreme ends of the installation.

Monet Multi-Gang Wallplate Catalog Number System

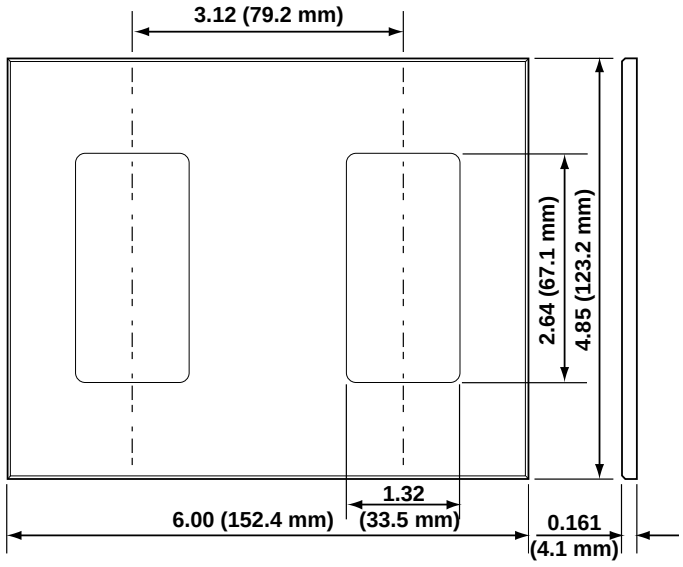
Example: MNW31-00W

- **Add letter to indicate color: -I (Ivory), -W (White), -A (Almond), -G (Gray) and -E (Black)**
- **00 = No fins removed FB = Fins broken off**
- **Number of large-fin devices**
- **Number of small-fin devices**
- **Monet Wallplate**

Maximum Load per Monet Dimmer Multi-Gang with Fins Broken Off

Cat. No.	Single	2-Gang	More than 2-Gang
MNI06	600W	500W	400W
MNI10	1000W	800W	700W
MNI15	1500W	1250W	1000W
MNM06	600VA (450W)	500VA (375W)	400VA (300W)
MNM10	1000VA (750W)	800VA (600W)	700VA (525W)
MNM15	1500VA (1125W)	1250VA (937W)	1000VA (750W)
MNX10	1000VA (750W)	800VA (600W)	700VA (525W)
MNX15	1500VA (1125W)	1250VA (937W)	1000VA (750W)
MNF07	7.5A	6A	5.3A
MNF10	10A	8A	7A
MNX20	2000VA (1500W)	1600VA (1200W)	1400VA (1050W)
MNX30	3000VA (2250W)	2500VA (1875W)	2000VA (1500W)
MNS10	1000VA (750W)	800VA (600W)	700VA (525W)
MNE04	400VA (300W)	300VA (225W)	250VA (188W)

Note: For more information on Fin Removal, refer to the instruction sheet provided with each Monet device.



Cat. No. MNW20-00

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Architectural Specification
Multi-Location

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World

Renoir™ Incandescent Architectural Preset Slide Dimmers 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Single-Pole (narrow fin)	80800	800W	I, W, GY
Renoir 3-Way (narrow fin)	80800-3	800W	I, W, GY
Renoir Single-Pole (narrow fin)	81000	1000W	I, W, GY
Renoir Single-Pole, Illuminated (narrow fin)	81000-L	1000W	I, W
Renoir 3-Way (narrow fin)	81000-3	1000W	I, W, GY
Renoir 3-Way, Illuminated (narrow fin)	81000-L3	1000W	I, W
Renoir Single-Pole (wide fin)	81500	1500W	I, W, GY
Renoir 3-Way (wide fin)	81500-3	1500W	I, W, GY
Renoir Single-Pole (wide fin)	82000	2000W	I, W, GY
Renoir Single-Pole, Illuminated (wide fin)	82000-L	2000W	I, W
Renoir 3-Way (wide fin)	82000-3	2000W	I, W
Renoir 3-Way, Illuminated (wide fin)	82000-L3	2000W	I, W

Renoir™ Magnetic Low-Voltage Architectural Preset Slide Dimmers 120V 60Hz Only

Renoir Single Pole (narrow fin)	71111	1000VA (750W)	I, W, GY
Renoir 3-Way (narrow fin)	71113	1000VA (750W)	I, W, GY
Renoir Single Pole (wide fin)	71511	1500VA (1125W)	I, W, GY
Renoir 3-Way (wide fin)	71513	1500VA (1125W)	I, W, GY

All devices are UL Listed and CSA Certified.

Note: For complete information on installation, ganging and derating of High Wattage Dimmers, consult Technical Section of this catalog or the Dimmer Instruction Sheet provided with the device.

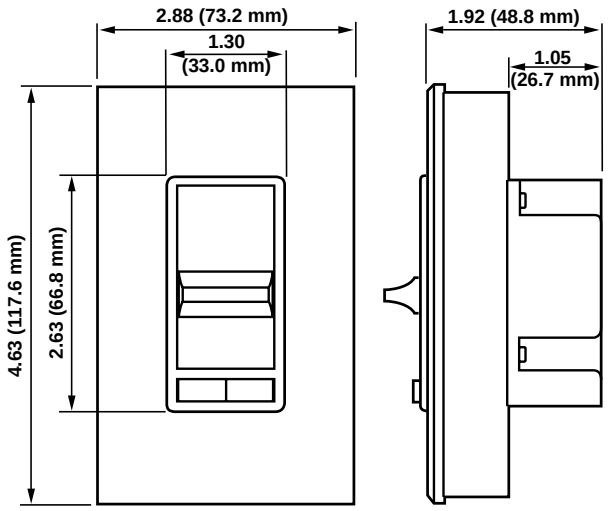
Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

When ganging these units, no derating is necessary except on those units, which have had both sets of snap-off, fins removed. These shall be derated as follows:

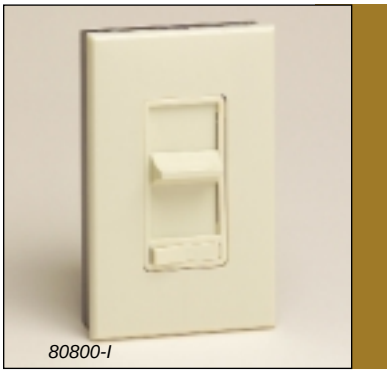
81000 series, 71111 series ____800 Watts/VA max. per unit

81500 series, 71513 series ___1300 Watts/VA max. per unit

82000 series _____1800 Watts max. per unit



RENOIR NARROW-FIN DEVICE
Cat. No. 81000


80800-I

81500-W

SPECIFICATIONS & FEATURES

- ON/OFF rocker switch turns lights ON at last selected brightness level
- Smooth-action, linear slide control for easy, precise operation
- Available in single-pole (one location) and 3-way (multi-location) versions. 3-way dimmer is used with standard 3-way ON/OFF switch
- Decora-styling coordinates with Leviton's extensive line of Decora devices
- Decora-style screwless snap-on wallplate present an attractive appearance in any application
- Slim, compact housing easily fits in standard wall boxes
- Fins are easily removed for multi-gang applications
- Large radio/TV interference filter
- Illuminated versions available

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W), Gray (-GY).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

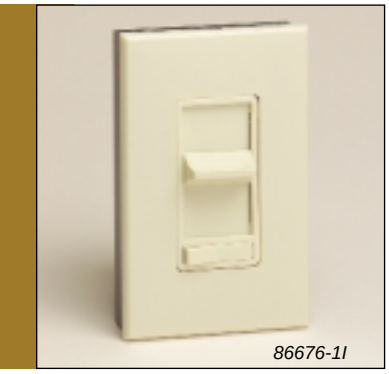
NOTE: For fin removal and switchbox requirements for ganging Leviton Renoir dimmers, refer to page O18.

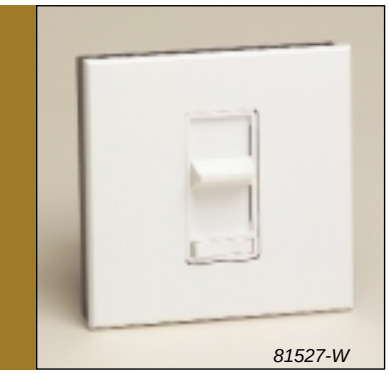
Renoir Architectural Fin Width
Narrow: 2.88" (73.2 mm)
Wide: 4.69" (119.1 mm)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Architectural Specification
Multi-Location

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World


86676-1I


81527-W

SPECIFICATIONS & FEATURES

- Rugged ON/OFF rocker switch turns lights ON at last selected brightness level
- Smooth-action, linear slide control for easy, precise operationr
- Cat. No. 26666-31, -37 provides single-pole (one location) and 3-way (multi-location) dimming. 3-way dimmer is used with standard 3-way ON/OFF switch
- Manual low-end trim adjustment feature on fan speed controls allows precise adjustment of low-end fan settings when installing device
- Decora-styling coordinates with Leviton's extensive line of Decora devices
- Decora-style screwless snap-on wallplate present an attractive appearance in any application
- Slim, compact housing easily fits in standard wall boxes
- Fins are easily removed for multi-gang applications
- Large radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File # E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W), Gray (-GY).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

NOTE: For fin removal and switchbox requirements for ganging Leviton Renoir dimmers, refer to page O18.

Renoir Architectural Fin Width
Narrow: 2.88" (73.2 mm)
Wide: 4.69" (119.1 mm)

Renoir™ Architectural Preset Slide Dimmers Fluorescent Dimming Ballasts 120V and 277V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Renoir Fluorescent Dimmer, Single-Pole and 3-Way (wide-fin)	26666-31	1200VA (900W) 120V AC Advance Mark X fluorescent dimming ballast	White
Renoir Fluorescent Dimmer, Single-Pole and 3-Way (wide-fin)	26666-37	1200VA (900W) 277V AC Advance Mark X fluorescent dimming ballast	White

Renoir™ Fluorescent Architectural Preset Slide Dimmers Magnetic Ballasts 120V and 277V AC 60Hz Only

Renoir Single-Pole (narrow-fin)	86676-1	120V 2-12 40W Rapid Start Lamps	I, W
Renoir Single-Pole (narrow-fin)	86677-1	120V 4-20 40W Rapid Start Lamps	I, W
Renoir Single-Pole (wide-fin)	86678-1	120V 6-30 40W Rapid Start Lamps	I, W
Renoir Single-Pole (wide-fin)	86679-1	120V 8-40 40W Rapid Start Lamps	I, W
Renoir Single-Pole (narrow-fin)	86676-7	277V 2-12 40W Rapid Start Lamps	I, W
Renoir Single-Pole (narrow-fin)	86677-7	277V 4-20 40W Rapid Start Lamps	I, W
Renoir Single-Pole (wide-fin)	86678-7	277V 6-30 40W Rapid Start Lamps	I, W
Renoir Single-Pole (wide-fin)	86679-7	277V 8-40 40W Rapid Start Lamps	I, W

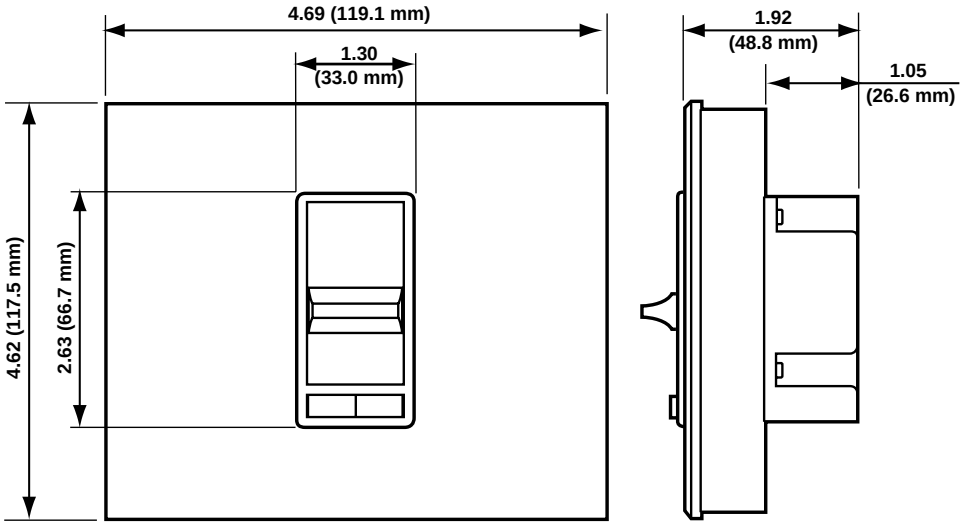
Renoir™ Architectural Preset Slide Fan Speed Controls 120V AC 60Hz Only

Renoir Single-Pole (narrow-fin)	80827	7.5 Amps	I, W
Renoir Single-Pole (wide-fin)	81127	10 Amps	I, W
Renoir Single-Pole (wide-fin)	81527	15 Amps	I, W

All devices are UL Listed and CSA Certified.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



RENOIR WIDE-FIN DEVICE
Cat. No. 26666-3

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Van Gogh™ Incandescent Architectural Rotary Dimmers 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Van Gogh Single-Pole Rotary (narrow fin)	60800	800W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	60800-3	800W	I, W
Van Gogh Single-Pole Rotary (narrow fin)	61000	1000W	I, W
Van Gogh 3-Way Push ON/Push OFF (narrow fin)	61000-3	1000W	I, W
Van Gogh Single-Pole Rotary (wide fin)	61500	1500W	W
Van Gogh Single-Pole Rotary (wide fin)	62000	2000W	I, W

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

When ganging these units, no derating is necessary except on those units, which have had both sets of snap-off, fins removed. These shall be derated as follows:

61000, 61000-3 _____800 Watts max. per unit

61500 _____1300 Watts max. per unit

62000 series_____1800 Watts max. per unit

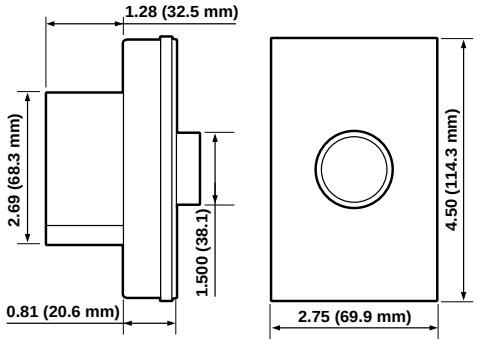
Covers to fit 60800, 61000 Dimmer Units

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert	60001
Ivory Cover and Matching Knob w/Gold Insert	60001-I
White Cover and Matching Knob w/ Silver Insert	60001-W

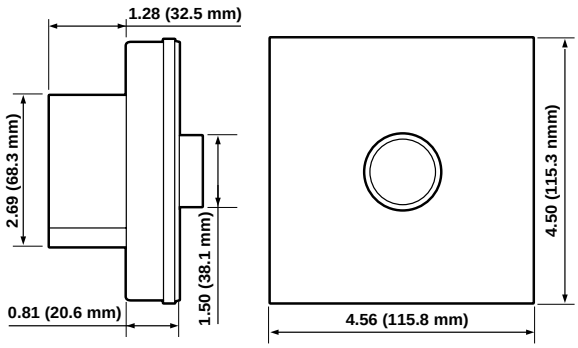
Covers to fit 61500, 62000 Dimmer Units

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert	60002
Ivory Cover and Matching Knob w/Gold Insert	60002-I
White Cover and Matching Knob w/ Silver Insert	60002-W

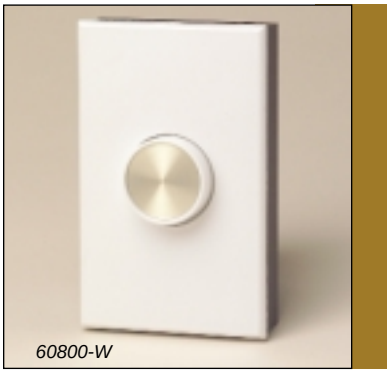
All devices are UL Listed and CSA Certified.

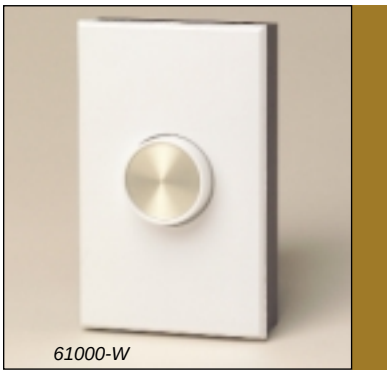


VAN GOGH NARROW-FIN DEVICE
Cat. No. 61000



VAN GOGH WIDE-FIN DEVICE
Cat. No. 62000





SPECIFICATIONS & FEATURES

- Classic rotary architectural-style dimmer is a popular choice in many installations
- Available in Rotary ON/OFF (single pole only) and Push-ON/Push-OFF (single-pole and 3-way).
- 3-way version is used with a standard 3-way ON/OFF switch
- Snap-on cover conceals heat fins
- Color-matched dimmer control knob with gold insert for an attractive appearance in any installation
- Snap-off fins permit easy ganging with other devices
- Slim, compact housing easily fits in standard wall box
- Large radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373, 62000 File #E-66800)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

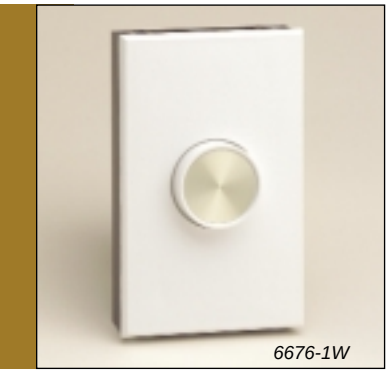
Note: For switchbox requirements for ganging Leviton Van Gogh dimmers, refer to page O18.

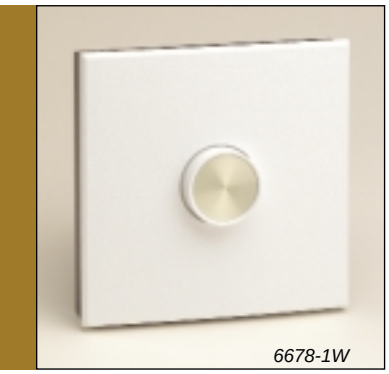
Van Gogh Architectural Fin Width
Narrow: 2.75" (69.9 mm)
Wide: 4.56" (115.8 mm)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Architectural Specification Multi-Location

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World


6676-1W


6678-1W

SPECIFICATIONS & FEATURES

- Classic rotary architectural-style dimmer is a popular choice in many installations
- Available in Rotary ON/OFF (single pole only) for magnetic fluorescent and fan speed control
- Snap-on Decora-style cover hides heat fins
- Color-matched dimmer control knob with gold insert for an attractive appearance in any installation
- Snap-off fins permit easy ganging with other devices
- Slim, compact housing easily fits in standard wall box
- Large radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File # E-31373, replacement knobs UL File # E-3810)
- CSA Certified (File # LR-3413, 6676-1, -7 only)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog numbers as follows for color selection: Ivory (-I) White (-W).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Note: For switchbox requirements for ganging Leviton Van Gogh dimmers, refer to page O18.

Van Gogh Architectural Fin Width
Narrow: 2.75" (69.9 mm)
Wide: 4.56" (115.8 mm)

Van Gogh™ Fluorescent Architectural Rotary Dimmers Magnetic Ballasts 120V and 277V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Van Gogh Single-Pole Rotary (narrow fin)	6676-1W	120V 2-12 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (narrow fin)	6677-1W	120V 4-20 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (wide fin)	6678-1W	120V 6-30 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (wide fin)	6679-1W	120V 4-40 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (narrow fin)	6676-7W	277V 2-12 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (narrow fin)	6677-7W	277V 4-20 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (wide fin)	6678-7W	277V 6-30 40W Rapid Start Lamps	White
Van Gogh Single-Pole Rotary (wide fin)	6679-7W	277V 4-40 40W Rapid Start Lamps	White

Van Gogh™ Architectural Rotary Fan Speed Control 120V AC 60Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Van Gogh Single-Pole	61027	10 Amps	I, W

Note: When more than one ceiling fan is controlled, make sure the blades are rotating on all fans.

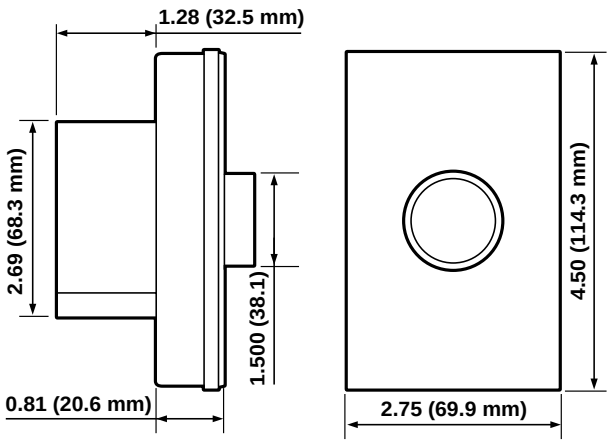
Covers to fit 6676 & 6677 Dimmer Units

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert[H]	60001
Ivory Cover and Matching Knob w/Gold Insert[H]	60001-I
White Cover and Matching Knob w/Silver Insert[H]	60001-W

Covers to fit 6678 & 6679 Dimmer Units

DESCRIPTION	CAT. NO.
Brown Cover and Matching Knob w/Gold Insert[H]	60002
Ivory Cover and Matching Knob w/Gold Insert[H]	60002-I
White Cover and Matching Knob w/Silver Insert[H]	60002-W

UL Listed and CSA Certified except where indicated by [H]



VAN GOGH NARROW-FIN DEVICE
Cat. No. 6676-1W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Ganging and Derating Lighting Controls

Ganging and Derating Box-Mounted Lighting Controls

Ganging is an installation practice where two or more lighting controls are mounted side-by-side using the required number of connected wallboxes. Ganging may require the removal of part of the fins on Architectural Dimmers or part of the mounting strap on strap-mounted devices. In Architectural Dimmers, the metallic fins help dissipate heat from within the device. Strap mounted dimmers use the mounting strap for the same purpose. Therefore, removing a portion of the fins or strap for ganging purposes will require derating the dimmers to prevent them from overheating.

Ganging and Derating Leviton Lighting Controls

When ganging Mural, True Touch, TouchPoint, ToggleTouch and IllumaTech controls, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off. The side sections of the strap dissipate heat, so removing them requires derating the dimmer's capacity. See Chart 1.

Note that Leviton SureSlide and Trimatron lighting controls can be ganged without removing any sections of their mounting straps. However, SureSlide and Trimatron controls must also be derated when they're ganged.

Maximum Load Per Dimmer for Multi-Ganging All Strap-Mounted Dimmers

Chart 1

Dimmer Rating	Single	2-Gang	More than 2-Gang
600W	600W	500W	400W
1000W	1000W	800W	700W
400VA	400VA	300VA	250VA
600VA	600VA	500VA	400VA
1000VA	1000VA	800VA	700VA

Maximum Bulb Wattage for Magnetic Low-Voltage Lighting

Low-voltage lighting controls are rated in Volt-Amps (VA). The maximum bulb wattage is determined by the efficiency of the transformer in the low-voltage lighting system. Transformer efficiencies vary depending on the manufacturer, so consider 75% efficiency as average. Use Chart 2 to determine the maximum bulb wattage for typical transformer efficiency ratings.

Maximum Bulb Wattage at 75% Efficiency

Chart 2

Dimmer Rating	Single	2-Gang	More than 2-Gang
600VA	450W	375W	300W
1000VA	750W	600W	525W

Ganging and Derating Leviton Renoir™ and Van Gogh™ Architectural Lighting Controls

When fins are broken off on wide and narrow controls for ganging purposes, the number of switch boxes required can be quickly determined by referring to the two charts below.

Ganging

Switch boxes required for ganging Leviton architectural controls when no fins are removed:

Number of Wide Controls \ Number of Narrow Controls*	0	1	2	3	4
0	•	•	•	•	•
1	1	3	5	7	8
2	4	6	7	9	11
3	7	9	10	11	13
4	9	11	12	14	16

Switch boxes required for ganging Leviton architectural controls when all inside fins are removed:

Number of Wide Controls \ Number of Narrow Controls	0	1	2	3	4	5	6
0	0	1	2	3	4	5	6
1	1	3	4	5	6	7	8
2	3	5	6	7	8	9	10
3	5	7	8	9	10	11	12
4	7	9	10	11	12	13	14
5	9	11	12	13	14	15	16
6	11	13	14	15	16	17	18

*Narrow controls must have fins broken off to be ganged.

Derating

Any Architectural Dimmer that has had both sets of break-off fins removed to meet space requirements during installation must have its wattage specification derated as shown in the chart below. If no fins are removed, no derating is necessary, even when ganging.

Incandescent

Cat. No.	Watts	Derate To
61000, 81000	1000	800W
61500, 81500	1500	1300W
62000, 82000	2000	1800W

Fluorescent

When ganging these units, no derating is necessary, except as shown below when both sets of fins have been removed.

6677 – 16 lamps	86677 – 16 lamps
6679 – 36 lamps	86679 – 36 lamps

Note: For information on ganging and derating Monet™ Architectural Lighting Controls, see page O13.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

MCM06-1LW in 80301-W

SPECIFICATIONS & FEATURES

- Responds to lighting level commands sent by the Cat. No. MN00C-1LW Scene Controller. Users can program the desired lighting level for individual Mural Scene Dimmers in up to seven distinct lighting scenes, which are easily accessed by one or more Scene Controllers
- Smooth ON/OFF and Dim/Bright Decora rocker action provides ease of operation for people of all ages and abilities
- Scene Controller also provides an OFF button and two arrow-shaped buttons for group Dim and Bright control.
- Local Dim/Bright adjustment on individual scene dimmers will not effect programmed scene lighting settings
- Compatible with Scene Enhancement Products including Contact Closure Interface, Infrared Hand-Held Remote and Infrared Receiver, and one-way and two-way Signal Repeater
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory and voltage compensation maintain light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Mural™ Scene Capable Decora-Style Digital Dimmer
120V AC 60Hz Only *Compatible with Scene Controller and Scene Enhancement Products — See page O11.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM06-1LW	600W/VA	I, W, A, G, E
Mural Scene Capable Incandescent/Magnetic Low-Voltage Dimmer with LED Locator and LED Brightness Display	MCM10-1LW	1000W/VA	I, W, A, G, E
Mural Scene Capable Mark X Preset Dimmer for 120V AC Advance Mark X™ Fluorescent Dimming Ballast	MCX10-1LW	1000VA (750W)	I, W, A, G, E
Scene Controller: 7 Lighting-Scene Buttons plus OFF and Group DIM and BRIGHT Buttons	MN00C-1LW	No load rating, use with Monet or Mural Scene Capable Dimmers Only	I, W, A, G, E
Color Change Kits for Mural MC Scene Capable Dimmer	DRKDD-1L	———	I, W, A, G, E
Color Change Kits with Text for MN00C-1LW Scene Controller	DCKS7-00	———	I, W, A, G, E

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

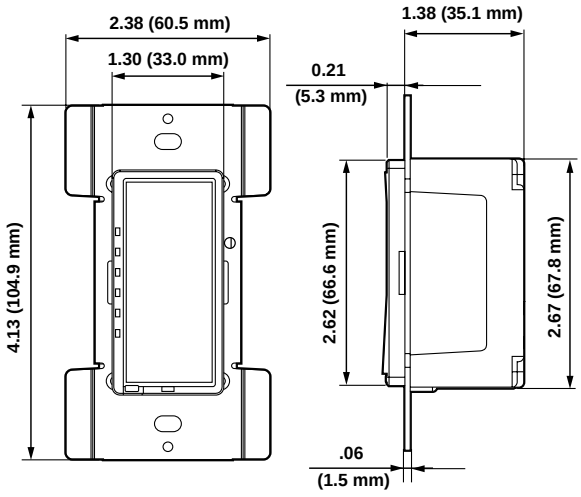
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. Mural Scene Capable Digital Controls are designed for use with Scene Controller and Scene Enhancement products and are not compatible with the Multi-Remote unit.

All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

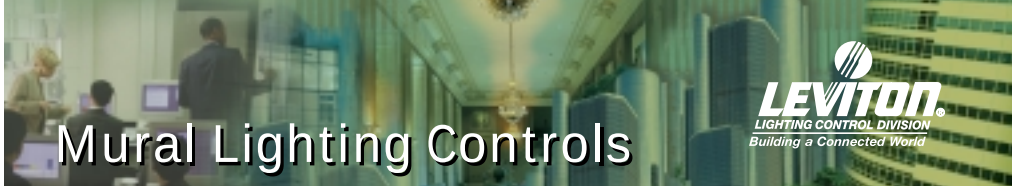
See Page O6 for more information on Leviton Power Extenders

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



MURAL SCENE CAPABLE DIMMER
Cat. No. MCM10-1LW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



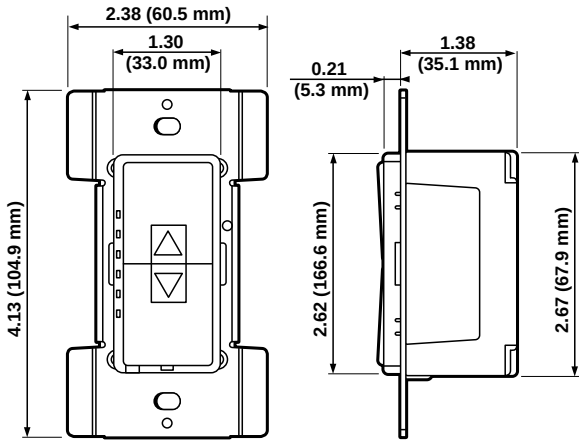
Mural™ L/S (Level Set) Decora-Style Preset Digital Dimmer
120V AC 60Hz Only *All Mural™ L/S dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural L/S Incandescent LED Locator and Brightness Display	MLI06-1LW	600W	I, W, A, G, E, B
Mural L/S Incandescent LED Locator and Brightness Display	MLI10-1LW	1000W	I, W, A, G, E, B
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	MLM06-1LW	600VA (450W)	I, W, A, G, E, B
Mural L/S Magnetic Low-Voltage LED locator and Brightness Display	MLM10-1LW	1000VA (750W)	I, W, A, G, E, B
Mural L/S Electronic Low-Voltage LED Locator and Brightness Display	MLE03-1LW	350VA (260W)	I, W, A, G, E, B
Mural L/S for Advance Mark X™ Fluorescent Dimming Ballast	MLX06-1LW	600VA (450W)	I, W, A, G, E, B
Mural L/S Quiet Fan Speed Control LED Locator and Brightness Display	MLF01-1LW	1.5A	I, W, A, G, E, B
Mural L/S Incandescent LED Locator (no brightness display)	MRI06-1LW	600W	I, W, A, G, E
Mural L/S Incandescent LED Locator (no brightness display)	MRI10-1LW	1000W	I, W, A, G, E
Mural L/S Magnetic Low-Voltage LED Locator (no brightness display)	MRM10-1LW	1000VA (750W)	I, W, A, G, E
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	I, W, A, G, E
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	MSE0R-10W	No load rating	I, W, A, G, E
Color Change Kits for Mural L/S (ML versions)	DLKDD-1L	———	I, W, A, G, E, B
Color Change Kits for Multi-Remote Units (no LED locator or display)	DRK0R-00	———	I, W, A, G, E
Color Change Kit for Mural L/S (MR versions)	MRK0D-0L	No load rating	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



ALL MURAL L/S (LEVEL SET) DIMMERS
ML Model Shown

MLI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Smooth Decora rocker-action for Preset ON/OFF switching with built-in arrow-shaped rocker for DIM/BRIGHT control
- Arrow rocker allows user to set brightness level when lights are off
- Second tap on top half of rocker for full bright. Gently double tap bottom half of rocker for fast OFF
- Easy to operate for people of all ages and abilities
- Provides single-pole (one-location) and multi-location full range dimming when used with Multi-Remote units
- Streamlined, popular Decora styling enhances any interior and adds a "family look" when ganged with any Decora device
- Digital circuitry provides SOFT-ON/FADE-OFF operation for an eye-pleasing effect and prolonged lamp life
- Square green LED display alongside rocker indicates selected brightness level on ML models
- Locator LED illuminates when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Minimum brightness adjustment sets comfortable minimum light level
- Power failure recovery assures retention of lighting levels during long-term power interruptions.
- Built-in radio/TV interference filter
- ON/OFF AC air-gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A) and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

MDI10-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Provides single-pole (one-location) and multi-location full range dimming when used with MS00R remote unit
- Streamlined popular Decora styling enhances any interior and adds a family look when ganged with other Decora devices
- Smooth ON/OFF and DIM/BRIGHT Decora rocker action provides ease of operation for people of all ages and abilities
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED illuminated when lights are OFF
- Color change kits available in a wide range of choices, making it easy and economical to change decorating schemes
- Color change kits simplify inventory for distributors and contractors who can offer a complete range of colors without stocking a different device for each one
- Protected memory and voltage compensation maintain light levels after short-term power outages and during minor power fluctuations
- Square green LED display alongside rocker indicates selected brightness level on MD models
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Mural™ Decora-Style Digital Dimmer 120V AC 60Hz Only *All Mural™ dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Mural Incandescent LED Locator and Brightness Display	MDI06-1LW	600W	I, W, A, G, E
Mural Incandescent LED Locator and Brightness Display	MDI10-1LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM06-1LW	600VA (450W)	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator and Brightness Display	MDM10-1LW	1000VA (750W)	I, W, A, G, E
Mural Electronic Low-Voltage LED Locator and Brightness Display	MDE03-1LW	350VA (260W)	I, W, A, G, E
Mural Quiet Fan Speed Control LED Locator and Brightness Display	MDF01-1LW	1.5A	I, W, A, G, E
Mural Incandescent LED Locator (no Brightness Display)	MSI06-1LW	600W	I, W, A, G, E
Mural Incandescent LED Locator (no Brightness Display)	MSI10-1LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage LED Locator (no Brightness Display)	MSM10-1LW	1000VA (750W)	I, W, A, G, E
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	I, W, A, G, E
Multi-Remote Unit for Electronic Low-Voltage Multi-Location Dimming (no LED locator or display)	MSE0R-10W	No load rating	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Mural™ Decora-Style Digital Dimmer 220V AC 50Hz AC Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Mural Incandescent Dimmer	MDI10-2LW	1000W	I, W, A, G, E
Mural Magnetic Low-Voltage Dimmer	MDM10-2LW	1000VA (750W)	I, W, A, G, E
Multi-Remote unit for Multi-Location Dimming (no LED locator or display)	MS00R-20W	No load rating —for use with Mural 220V dimmers	I, W, A, G, E

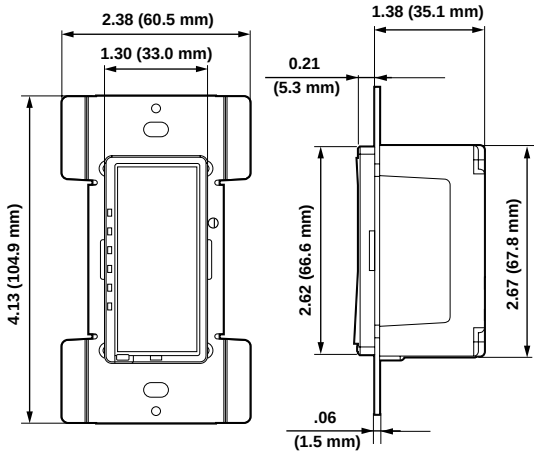
Note: 220V devices are **not** UL Listed or CSA Certified.

Color Change Kits for Mural™ Dimmers (120V and 220V)

DESCRIPTION	CAT. NO.	COLOR CHANGE KIT*
Mural MD with LED Locator and Brightness Display	DRKDD-1L	I, W, A, G, E
Mural MS with LED Locator (no Brightness Display)	DRK0D-1L	I, W, A, G, E
Multi-Remote Units (no LED Locator or Display)	DRK0R-00	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.



MURAL DECORA-STYLE DIMMER
Cat. No. MDI10-1LW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

TouchPoint™ Decora Preset Digital Touch-Pad Dimmer

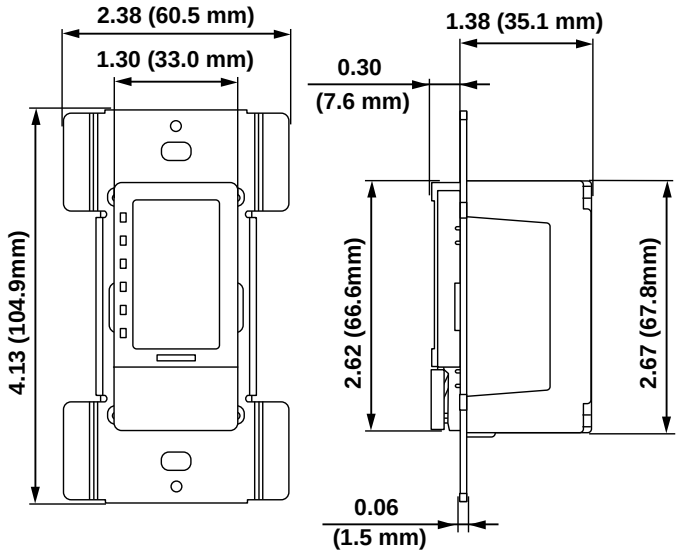
120V AC 60Hz Only *All TouchPoint™ dimmers provide single-pole (1 location) and 3-way (multi-location) control when used with Multi-Remote unit.*

DESCRIPTION	CAT. NO.	RATING	COLOR*
TouchPoint Incandescent	TPI06-1L	600W	I, W, A, G, E
TouchPoint Incandescent	TPI10-1L	1000W	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM06-1L	600VA (450W)	I, W, A, G, E
TouchPoint Magnetic Low-Voltage	TPM10-1L	1000VA (750W)	I, W, A, G, E
TouchPoint Advance Mark X™ Fluorescent Dimming Ballast	TPX06-1L	600VA (450W)	I, W, A
TouchPoint Advance Mark X™ Fluorescent Dimming Ballast	TPX10-1L	1000VA (750W)	I, W, A
Multi-Remote Unit for Multi-Location Dimming (no LED locator or display)	MS00R-10W	No load rating	White, for other colors use Color Change Kits
Color Change Kits for Multi-Remote Units (no LED locator or display)	DRK0R-00	———	I, W, A, G, E

All devices are UL Listed and CSA Certified.

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.
Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



TOUCHPOINT DECORA PRESET DIGITAL TOUCH DIMMER
Cat. No. TPI10-1LW

TPI10-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- New advanced digital touch pad technology provides full range dimming by responding to where your finger is placed on the pad
- Provides single-pole (one-location) and multi-location full range dimming when used with MS00R remote unit
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Easy-to-read LED display alongside touch pad indicates selected brightness level
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after power outages and during minor power fluctuations
- Built-in radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), Gray (-G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

TTI10-10W in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

True Touch™ Decora Digital Touch Dimmer 120V AC 60Hz Only

All True Touch™ dimmers provide single-pole (one location) and 3-way (multi-location) control when used with True Touch Remote, except Cat. No. 6606.

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
Incandescent Touch Dimmer, Single-Pole Only	6606-W	600W	I, W, AA, AI, AW, AGY, AE
True Touch Incandescent	TTI06-10W	600W	I, W, A, WS, GI, GY, E, BG
True Touch Incandescent	TTI10-10W	1000W	I, W, A, WS, GI, GY, E, BG
True Touch Magnetic Low-Voltage	TTM10-10W	1000VA (750W)	I, W, A, WS, GI, GY, E, BG
True Touch Remote Unit (no LED)	TT00R-10W	No load rating	I, W, A, WS, GI, GY, E, BG
True Touch Dimmer Color Change Kit	TTKIT	———	I, W, A, WS, GI, GY, E, BG
True Touch Remote Unit Color Change Kit	TTKTR	———	I, W, A, WS, GI, GY, E, BG

All devices are UL Listed and CSA Certified.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

SPECIFICATIONS & FEATURES

- Provides fingertip ease of use and precise adjustment of lighting levels. Simple one-touch for ON at Preset level, or again for OFF. Touch and hold for BRIGHT/DIM lighting control
- Provides single-pole (one-location) and multi-location full range dimming when used with TT00R remote unit
- Cat. No. 6606 Decora Touch Dimmer is available for single-pole applications only (no soft-ON/Fade-OFF or multi-location features)
- Attractive Decora styling blends with any interior
- Digital circuitry provides Soft-ON/Fade-OFF switching for and eye-pleasing effect and extended lamp life
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF (no LED on Remote Unit)
- Color change kits offered in a wide range of colors, making it easy and economical to change decorating schemes
- Minimum Brightness Adjustment sets comfortable minimum light level
- Protected memory maintains light levels after short-term power outages and during minor power fluctuations
- Built-in radio/TV interference filter
- ON/OFF AC air gap switch completely disconnects power to unit for bulb changing or removal from service

TESTING & CODE COMPLIANCE

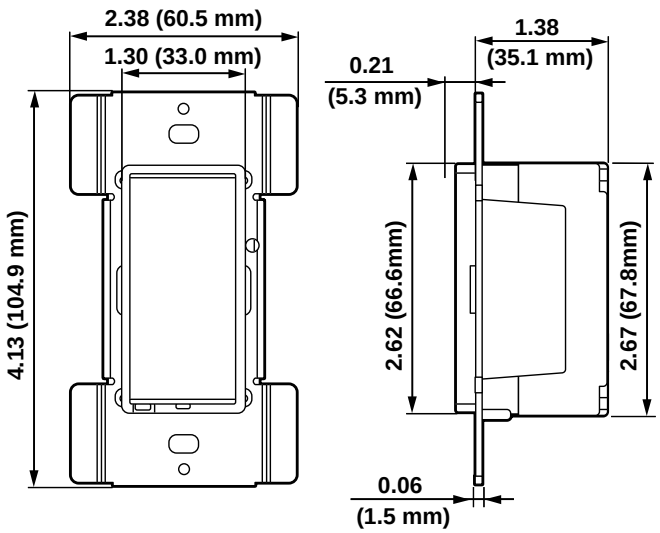
- UL Listed (File #E-31373
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Cat. No. 6606 available in Brown/Gold (no dash), Ivory/Gold (-I), White/Silver (-W), Almond (-AA), Ivory (-AI), White (-AW), Gray (-AGY) and Black (-AE). For all other True Touch dimmers, basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Almond (-A), Gray (-GY), Black (-E), White frame/Silver touch plate (-WS), Ivory frame/Gold touch plate (-GI), and Brown frame/Gold touch plate (-BG).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F



TRUE TOUCH DECORA DIGITAL TOUCH DIMMER
Cat. No. TTI10-10W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ToggleTouch™ Toggle Digital Preset Touch Dimmer 120V 60Hz AC Only

All ToggleTouch™ Preset Dimmers provide single-pole (one-location) and 3-way (multi-location) control when used with a 3-way switch, except where noted.

DESCRIPTION	CAT. NO.	RATING	COLOR*
ToggleTouch Incandescent (No LED locator, single-pole only)	TGI06-10	600W	W, I, A
ToggleTouch Incandescent	TGI06-1L	600W	W, I, A, B
ToggleTouch Incandescent	TGI10-1L	1000W	W, I, A, G
ToggleTouch Magnetic Low-Voltage	TGM10-1L	1000VA	W, I, A, G

All items are UL Listed and CSA Certified

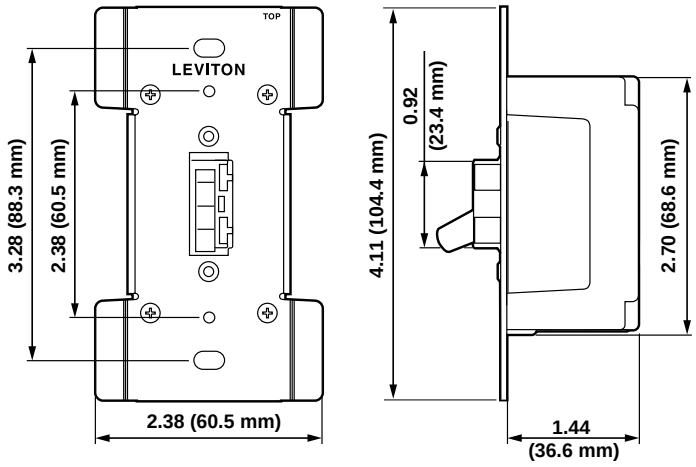
Note: Leviton does not recommend using the ToggleTouch Dimmer with metal wallplates.

Digital Lighting and Fan Speed Controls are polarity sensitive devices. Always follow the wiring instructions included with each device. They can be used in conventional 3-way and 4-way wiring circuits only when the Control is properly connected to the load as indicated by the device's wiring instructions.

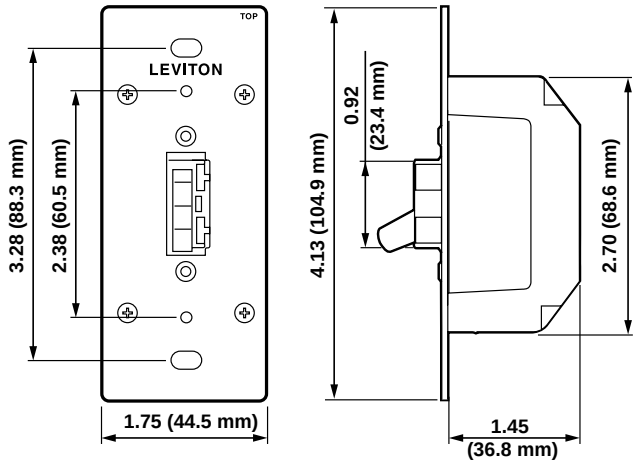
TGI06-1LW

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders



TOGGLETOUCH DIMMER WITH LOCATOR LED
Cat. No. TGI06-1LW



TOGGLETOUCH DIMMER WITHOUT LOCATOR LED
Cat. No. TGI06-10W

SPECIFICATIONS & FEATURES

- Provides a unique combination of toggle-style ON/OFF switching and digital Touch Pad technology
- Designed for smooth ON/OFF toggle action and fingertip-control touch dimming that's easy to operate
- Provides single-pole (one-location) and multi-location 3-way control when used with a 3-way switch
- Fits perfectly with Leviton standard toggle wallplates; gangs perfectly with all Leviton toggle switches
- Provides preset dimming with soft-ON feature (does not provide fade OFF)
- Available with Locator LED that is illuminated when lights are OFF
- Protected memory during temporary power failures ensures that ToggleTouch will retain last setting before power interruption
- Built-in radio/TV interference filter

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog number as follows for other colors: Brown (-B), Ivory (-I), White (-W), Gray (-G), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

IPI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Preset versions provide easy-to-use pushbutton switch with locator LED conveniently positioned on it, making the pushbutton easier to find in the dark
- Preset versions provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF. LED is positioned in the same location on both Preset and Non-Preset Preset versions, giving a true "family look" to IllumaTech
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider
- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A), and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

IllumaTech™ Preset Slide Controls — Single Pole and 3-Way, with LED Locator

All IllumaTech Preset Dimmers provide single-pole (one location) and 3-way (multi-location) control when used with a 3-way switch.

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	IPI06-1LW	600W 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Incandescent (no LED locator)	IPI06-10W	600W 120VAC 60 Hz	I, W, A, G, E, B
IllumaTech Incandescent	IPI10-1LW	1000W 120VAC 60 Hz	I, W, A, G, E, B
IllumaTech Electronic Low-Voltage	IPE04-1LW	400VA (300W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM06-1LW	600VA (450W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM10-1LW	1000VA (750W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark VII™ Fluorescent Dimming Ballast	IP710-DLW	1200VA (900W) @ 120V AC 60Hz, 1500VA (1125W) @ 277V AC 60Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX06-1LW	600VA (450W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX10-1LW	1000VA (750W) 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX06-7LW	600VA (450W) 277V AC 60Hz	I, W, A, G, E, B
IllumaTech Advance Mark X™ Fluorescent Dimming Ballast	IPX12-7LW	1200VA (900W) 277V AC	I, W, A, G, E, B
IllumaTech Quiet Fan Speed Control	IPF01-1LW	1.5 Amps 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Fan Speed Control	IPF05-1LW	5 Amps 120V AC 60 Hz	I, W, A, G, E, B
IllumaTech Color Change Kit	IPKIT-00W	——	I, W, A, G, E, B
IllumaTech Color Change Kit for Quiet Fan Speed Control	IPQFK-00W	——	I, W, A, G, E, B

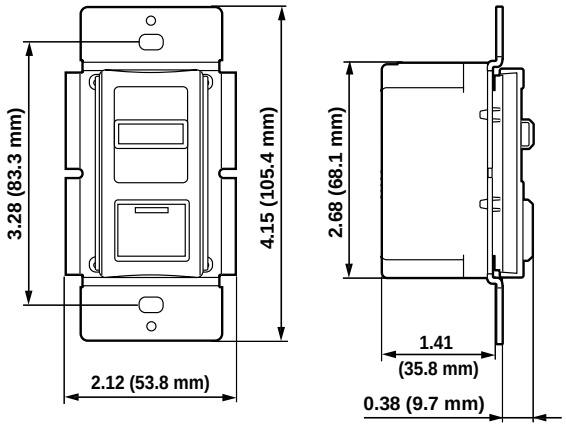
IllumaTech™ Preset Slide Controls— Single Pole and 3-Way, with LED Locator 220V AC 50Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	IPI06-2LW	600W	W, I, A, G, E, B
IllumaTech Incandescent	IPI10-2LW	1000W	W, I, A, G, E, B
IllumaTech Magnetic Low-Voltage	IPM06-2LW	600VA (450W)	W, I, A, G, E, B
IllumaTech Quiet Fan Speed Control	IPF01-2LW	1.5 Amps	W, I, A, G, E, B

Note: 220V devices are not UL Listed or CSA Certified

Note: Sharing a neutral wire may cause flickering. Connect all dimmers to the same phase or run a separate neutral to each phase. Consult Leviton Techline if problems persist.

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

IllumaTech™ Rotary Controls 120V AC 60Hz Only

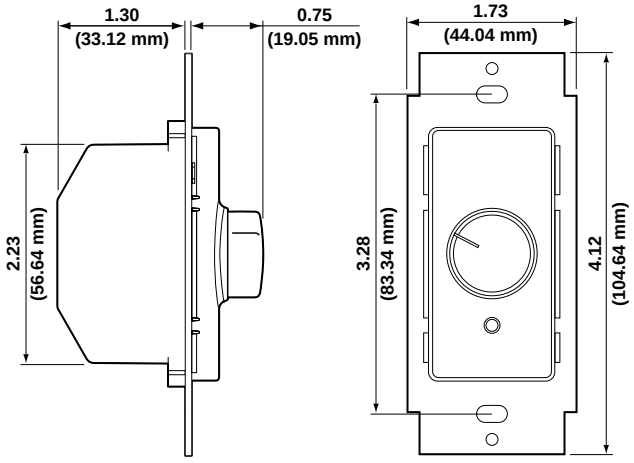
All IllumaTech Rotary controls combine the ease of a traditional rotary dial with the contemporary look of Leviton Decora®.

DESCRIPTION	CAT. NO.	RATING	COLOR*
IllumaTech Rotary Incandescent, Single-Pole and 3-way, Illuminated	RPI06-1L	600W	I, W, A
IllumaTech Rotary Incandescent, Single-Pole and 3-way, Non-Illuminated	RPI06-10	600W	I, W, A
IllumaTech Rotary Quiet Fan Speed Control, Single-Pole, Non-Illuminated	RTF01-10	1.5 Amp	I, W, A
IllumaTech Rotary Dual Quiet Fan Speed Control and Fixture Dimmer, Single-Pole, Non-Illuminated	RTD01-10	1.5 Amp Fan Control/ 300W Dimmer	I, W, A

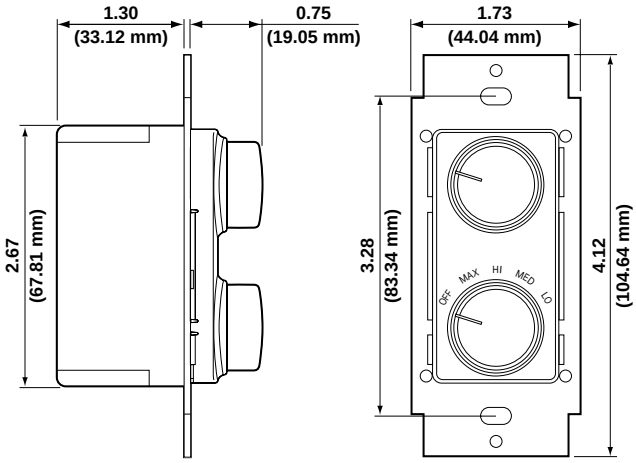
All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders



ILLUMATECH ROTARY INCANDESCENT
Cat. No. RPI06-1L



ILLUMATECH ROTARY DUAL QUIET FAN SPEED CONTROL/FIXTURE DIMMER
Cat. No. RTD01-10

RPI06-1LW in 80301-W

RTD01-10W in 80301-W

SPECIFICATIONS & FEATURES

- Combines traditional rotary dial with contemporary Decora styling
- Dimmers provide single-pole (one-location) or multi-location (3-way) control when used with a 3-way switch
- Dimmers available in illuminated and non-illuminated versions
- Quiet 1.5 Amp Fan Speed Controls are perfect for libraries, study rooms and any area where ceiling fan noise could become distracting
- Dual fan speed control and dimmer is ideal for ceiling fans with built-in light fixtures
- Attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora Plus screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Slim, compact housing fits easily into a standard wallbox and is suitable for multi-gang installations

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- NOM Certified (File #057)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog number as follows to indicate color selection: Ivory (-I), White (-W) and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

INI06-1LW in 80301-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

IllumaTech™ Non-Preset Slide Dimmers — Single-Pole Only, with LED Locator 120V AC 60 Hz Only

DESCRIPTION	CAT. NO.	RATING	COLOR CHANGE KIT*
IllumaTech Incandescent	INI06-1LW	600W	I, W, A, G, E, B
IllumaTech Incandescent (no LED locator)	INI06-10W	600W	I, W, A, G, E, B
IllumaTech Incandescent	INI10-1LW	1000W	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	INM06-1LW	600VA (450W)	I, W, A, G, E, B
IllumaTech Magnetic Low-Voltage	INM10-1LW	1000VA (750W)	I, W, A, G, E, B
IllumaTech Quiet Fan Speed Control	INF01-1LW	1.5 Amps	I, W, A, G, E, B
IllumaTech Fan Speed Control	INF05-1LW	5 Amps	I, W, A, G, E, B
IllumaTech Color Change Kit	INKIT-00W	———	I, W, A, G, E, B
IllumaTech Color Change Kit for Quiet Fan Speed Control	INQFK-00W	———	I, W, A, G, E, B

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Fluid slide movement allows fine adjustment of light level with minimum effort
- Captured, wrap-around slide bar stays in place and cannot fall off during use
- Attractive Decora styling blends with any interior
- Compatible with Decora screwless and Decora standard designer wallplates
- Locator LED is illuminated when lights are OFF. LED is positioned in the same location on both Preset and Non-Preset Preset versions, giving a true "family look" to IllumaTech
- Power failure recovery ensures retention of last setting before power interruption
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Color change kits feature a self-aligning mechanism that automatically connects it to internal slider
- Snap-On Color Change Kits allow color changes on any device, eliminating the need to stock a separate device for every available color

TESTING & CODE COMPLIANCE

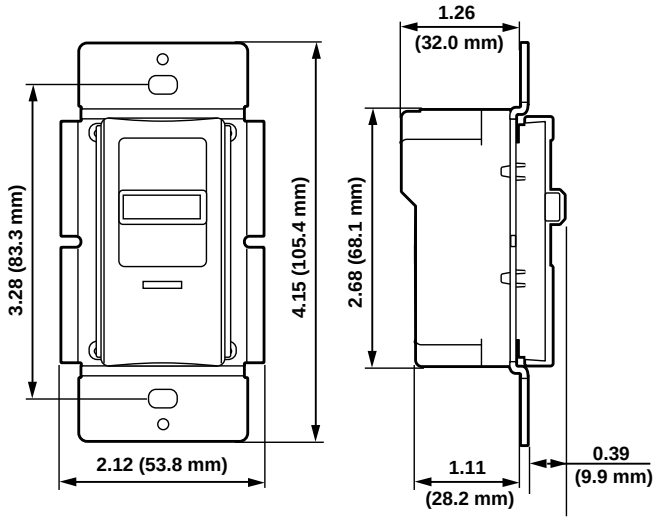
- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes White device. For other colors, order Color Change Kits and add suffix as follows: Ivory (-I), White (-W), Gray (-G), Black (-E), Almond (-A), and Brown (-B).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F



ILLUMATECH NON-PRESET SLIDE DIMMER
CAT. NO. INI06-1LW

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

SureSlide™ Decora Full Range Slide Dimmers 120V 60Hz AC Only

Incandescent

DESCRIPTION	CAT. NO.	RATING	COLOR* *Basic Cat. No. Denotes Brown*
SureSlide Single-Pole	6621	600W	I, W, GY, A
SureSlide Single-Pole with Preset ON/OFF Switch	6621-P	600W	I, W, GY, E, A
SureSlide Single-Pole Illuminated	6631	600W	I, W
SureSlide Single-Pole Illuminated, with Preset ON/OFF Switch	6631-P	600W	I, W
SureSlide 3-Way with Preset ON/OFF Switch	6623-P	600W	I, W, GY, E, A
SureSlide 3-Way Illuminated, with Preset ON/OFF Switch	6633-P	600W	I, W
SureSlide Dual Slide Dimmer—(2) Single-Pole Loads, Incandescent or Magnetic Low-Voltage	6628	300W or 300VA per circuit; 600W/600VA Total	I, W, A, GY (No Brown)

Magnetic Low-Voltage

SureSlide Single-Pole with Preset ON/OFF Switch	6611-P	600VA (450W)	I, W, GY, E, A
SureSlide 3-Way with Preset ON/OFF Switch	6613-P	600VA (450W)	I, W, GY, E, A

Advance Mark X/Philips Dimmable Earthlight®

SureSlide Single-Pole	6668-1	500W 120V Mark X 350W 120V Philips dimmable Earthlight	I, W (No Brown)

Full-Range Fan Speed Controls

SureSlide Single-Pole	6627	5 Amps	I, W
SureSlide Single-Pole with Preset ON/OFF	6627-P	5 Amps	I, W, A, G, E
SureSlide 3-Way with Preset ON/OFF	6637-P	5 Amps	I, W, A, G, E

Quiet Step Fan Speed Controls

Brown Not Available

SureSlide Single-Pole Quiet Step	6629-P	1.5 Amps	I, W, A, GY
SureSlide 3-way Quiet Step	6629-3	1.5 Amps	I, W, A, GY
SureSlide Dual Quiet Fan Speed and Fixture Dimmer	6630	1.5A Fan/ 300W Fixture	I, W, A, GY
Trimatron Decora-Style Quiet Fan Speed Control	6639	1.5 Amps	I, W, A

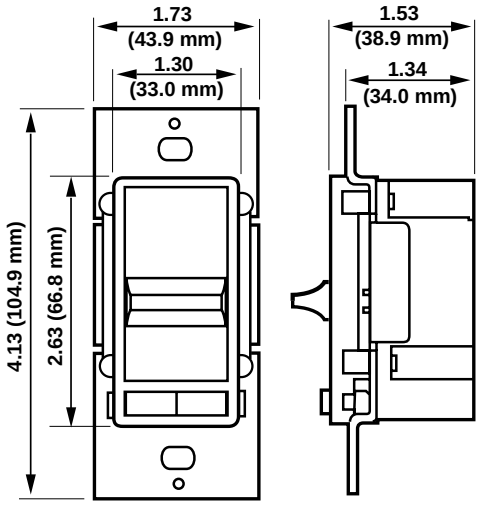
All devices are UL Listed and CSA Certified.

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

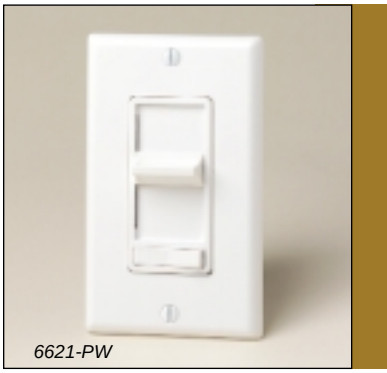
See Page O6 for more information on Leviton Power Extenders

CAUTION ON RETROFITS: When retrofitting Mark X dimming ballasts into fixtures that originally had Instant Start ballasts, the sockets MUST be replaced with Rapid Start sockets to allow proper dimmer operation and prevent damage to the dimming ballast. Refer to the instructions provided with the ballast and the Leviton Mark X dimmer.

For IllumaTech Fan Speed Controls and Quiet Fan Speed Controls, see pages O25–O27.



SURESLIDE PRESET DIMMER
Cat. No. 6621-P



6621-PW

6621-W

SPECIFICATIONS & FEATURES

- All SureSlide devices have a permanently mounted smooth-action integrated linear slide control for easy, precise operation
- SureSlide features a slim, compact housing that fits easily into a standard wallbox and is suitable for multi-gang installations
- Preset versions provide single-pole (one-location) and multi-location lighting control when used with a 3-way switch
- SureSlide's attractive Decora styling coordinates perfectly with Leviton's complete line of Decora wiring devices
- Compatible with Decora screwless and Decora standard designer wallplates
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- SureSlide Cat. No. 6668 is specially designed to work with the Philips Dimmable Earthlight®
- Preset versions provide a low-end trim adjustment for precise lamp brightness and fan speed at the low-end settings

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes Brown unless otherwise stated. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), Gray (-GY or G), Black (-E), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

6681-W

Use Leviton Power Extenders to extend the load capacity of box-mounted dimmers. Leviton Power Extenders are available for incandescent, magnetic low-voltage, electronic low-voltage, Advance Mark X™ fluorescent dimming ballasts or equivalents, and 0–10 VDC dimmable fluorescent ballasts such as Advance Mark VII™, OSRAM Sylvania Quicktronic Helios or equivalent ballasts.

See Page O6 for more information on Leviton Power Extenders

SPECIFICATIONS & FEATURES

- Leviton Trimatron lighting controls are traditional rotary-style dimmers featuring an ultra-compact design that fits in even the tightest single-gang wallboxes and is suitable for multi-gang installations
- Built-in radio/TV interference filter
- Quiet 1.5 Amp Trimatron Fan Speed Controls are ideal for libraries, study rooms and any area where ceiling fan noise could become distracting. Full range 5-amp fan speed controls also available
- Wire leads provided for fast, easy assembly and wiring

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Add suffix to catalog numbers as follows to select colors: Ivory (-I), White (-W), Almond (-A) and Black (-E). Cat. Nos. 80400 and 26115 also available in Brown (no suffix).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Trimatron™ Deluxe Push-ON/Push-OFF Full Range Rotary Dimmer 600 Watts 120V 60Hz AC Only

DESCRIPTION	CAT. NO.	RATING	COLOR*
Trimatron Deluxe Push-ON/Push-OFF Single-Pole	6681	600W	I, W, A
Trimatron Deluxe Push-ON/Push-OFF 3-Way	6683	600W	I, W
Trimatron Single-Pole Deluxe Rotary	6602	600W	I, W
Trimatron Single-Pole Deluxe Rotary[H] (Not UL Listed or CSA Certified)	6602-220	600W-220V 50Hz AC	I
Trimatron Economy Push-ON/Push-OFF, Full-Range Single-Pole	6600-1	600W	I
Trimatron Hi-Lo Rotary Single-Pole (Not UL Listed)[H]	6603	300W	I
Trimatron Full-Range Fan Speed Control	6616-X	5 Amps	I, W
Decora Plastic Adapter for Rotary Dimmers — Plastic, Standard size; fits over .406" dimmer shaft	80400	———	I, W, E
Dimmer Knobs with metal insert (packed 25 per box)	26115	———	I, W, E, A

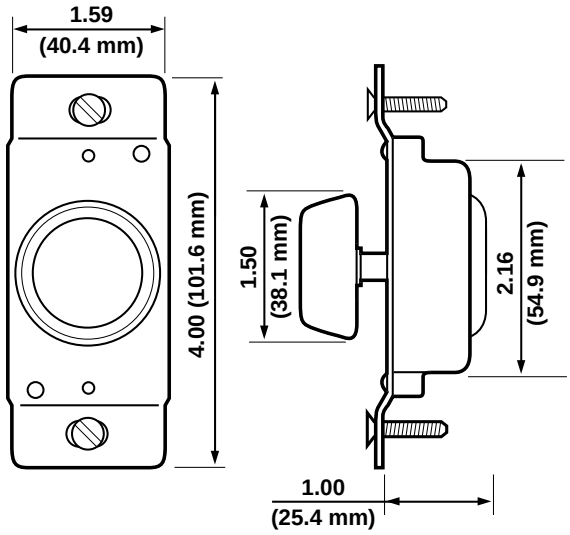
Trimatron™ Decora-Styled Fan Speed Controls

DESCRIPTION	CAT. NO.	RATING	COLOR* *Basic Cat. No. Denotes Brown*
Trimatron Quiet Fan Speed Control	6639	1.5 Amps	I, W, A

Note: When ganging 2 Trimatron dimmers, limit the load on each to 400W. For ganging 3 or more units, limit the load on each to 300W.

Note: All dimmers have a ground wire.

All devices are UL Listed and CSA Certified except where indicated by[H]



TRIMATRON DELUXE PUSH-ON/PUSH-OFF DIMMER
Cat. No. 6681-I

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

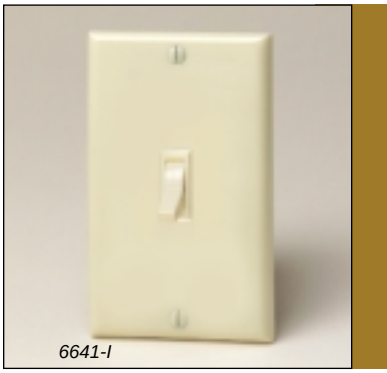
Toggle Dimmers 600 WATTS 120V

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
Single Pole Toggle Dimmer	6641	I, W
3-Way Toggle Dimmer	6643	I, W
Single Pole Illuminated Toggle Dimmer	6691	Clear
3-Way Illuminated Toggle Dimmer	6693	Clear

Note: When ganging two units, limit load on each to 400 watts and for three or more units, limit load on each to 300 watts

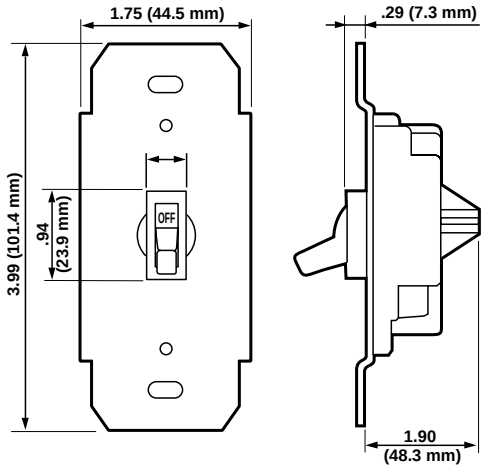
Decora® 911 Flasher Switch 500 WATTS 120V

DESCRIPTION	CAT. NO.	COLOR* *Basic Cat. No. Denotes Ivory*
Decora 3-Position Emergency Flasher Rocker Switch	911	W, A

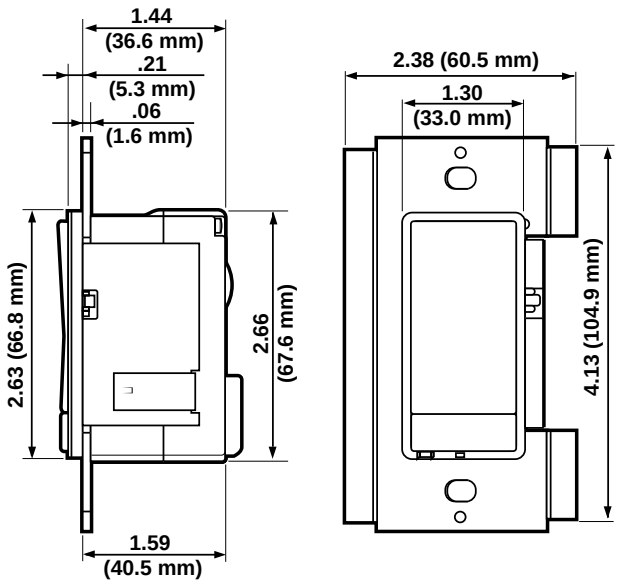


6641-I

911-A



SINGLE POLE TOGGLE DIMMER
Cat. No. 6641



911 SWITCH
Cat. No. 911

SPECIFICATIONS & FEATURES

Toggle Dimmers

- Easy-to-install shallow design replaces standard switch in single wallbox
- Built-in radio/TV interference filter
- Positive ON/OFF action with smooth, full-range brightness control

911 Switch

- 911 replaces standard single-pole switch and alerts neighbors and helps emergency personnel locate a house quickly
- 911 Switch has standard ON/OFF operation plus a special illuminated "FLASH" position that causes controlled lighting to flash ON and OFF at one second intervals

TESTING & CODE COMPLIANCE

- UL Listed (File #E-31373)
- CSA Certified (File #LR-3413)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes Brown. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

SPECIFICATIONS & FEATURES

- Compact Dimmer Socket interchangeable with standard lampholder for dimmer conversion (eliminates need for expensive 3-way bulbs)
- Full-Range Feed-Through Lamp Cord Dimmer provides full-range dimming with positive ON/OFF action in a completely insulated plastic housing

TESTING & CODE COMPLIANCE

- UL Listed (File #E-3810) – 6151; (File #E-7458) – 1420; (File #E-7442) – 6250-3
- CSA Certified (File #LR-1863) – 6151; (File #LR-3413) – 1420
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. No. denotes Brown. Add suffix to catalog number as follows for other colors: Ivory (-I), White (-W).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

Full Range Compact Dimmer Socket 150 WATTS 120V

DESCRIPTION	CAT. NO.	COLOR
⅛ I.P.S. Thread and Set Screw	6151	(Non-color item)
⅛ I.P.S. Thread and Set Screw — Blister Pak Carded	6151-BP	(Non-color item)

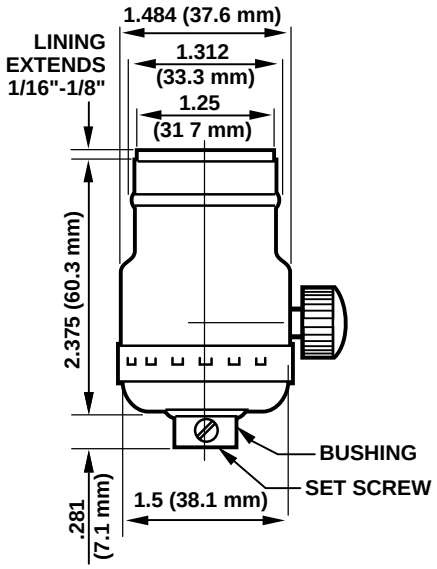
Full Range Feed-Through Lamp-Cord Dimmer 200 WATTS 120V AC

DESCRIPTION	CAT. NO.	COLOR
Individually Boxed[H]	6250-3	I

HI-LO Feed-Through Lamp-Cord Dimmer 200 WATTS 120V AC

DESCRIPTION	CAT. NO.	COLOR
HI-LO Feed-Through Dimmer	1420	I, W

All devices are UL Listed. Also CSA Certified except where indicated by[H]



FULL-RANGE COMPACT DIMMER SOCKET
Cat. No. 6151

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Decora Plus Electronic Timer and Time Delay Switches

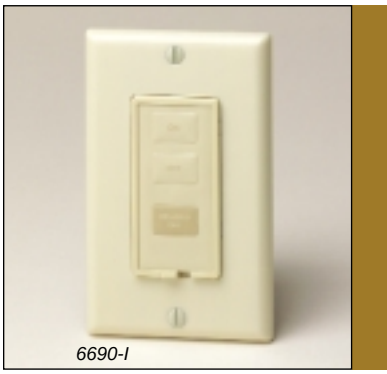
LEVITON LIGHTING CONTROL DIVISION Building a Connected World

Decora Plus Electronic Timer Switches

Leviton Timers add contemporary styling to any commercial or residential application. Built to the highest performance standards, Decora Electronic Timers provide long-lasting trouble-free service life.

Four Preset buttons plus an OFF button permit timed control of lights and appliances. Decora Plus Timers are ideal for heat lamps, foyer and outdoor lights, hot tubs, spas, attic and exhaust fans. LED's indicate elapsed time and flash "Two Minutes Until OFF" warning.

6515M-W


6690-I

Commercial Grade

Electronic Timer Switches 120V AC 60Hz

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Four Preset Buttons & OFF	6215M	2-5-10-15 Minutes	I, W, A
3-Wire, Single-Pole (Neutral Required)	6230M	5-10-15-30 Minutes	I, W, A
1000W Incandescent, 20A Inductive	6260M	10-20-30-60 Minutes	I, W, A
1 HP @ 120V	6212H	2-4-8-12 Hours	I, W, A

Residential Grade

Electronic Timer Switches 120V AC 60Hz

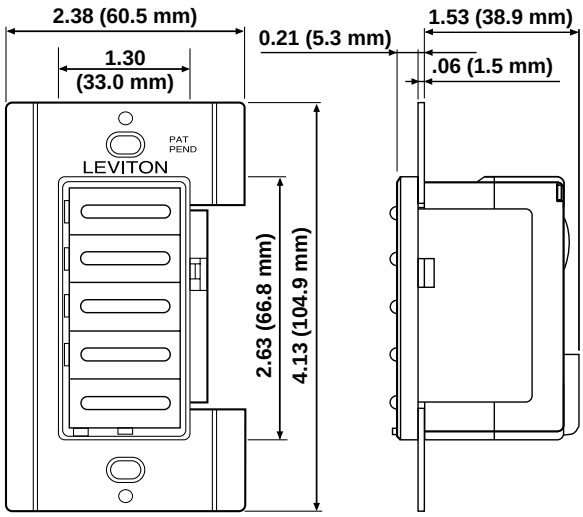
DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Four Preset Buttons & OFF	6515M	2-5-10-15 Minutes	I, W, A
2-Wire, Single-Pole	6560M	10-20-30-60 Minutes	I, W, A
500W Incandescent Only	6512H	2-4-8-12 Hours	I, W, A

Residential Grade

Time Delay Switch (Incandescent Only) 300 WATT 120V AC

DESCRIPTION	CAT. NO.	COLOR
Single Pole, Five Minute Delayed OFF Switch	6690	I, W

All devices are UL Listed and CSA Certified.



THESE DIMENSIONS APPLY TO ALL ELECTRONIC TIMER SWITCHES ON THIS PAGE

SPECIFICATIONS & FEATURES

- Electronic Timer Switch has four preset buttons plus OFF for timed control of lights and appliances.
- Electronic Timer Switch LED's indicate time elapsed and last LED flashes two minutes until OFF warning
- Press OFF button on Time Delay Switch — lights remain ON for 5 minutes before switching OFF
- All install easily in single gang wallbox in place of standard switch
- Electronic keypad control
- Matching wallplate included

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800—Cat. Nos. 6515M, 6560M, 6512H, 6215M, 6230M, 6260M, 6212H; File #E-7458—Cat. No. 6690)
- CSA Certified (File #LR-68679—Cat. Nos. 6515M, 6560M, 6512H, 6215M, 6230M, 6260M, 6212H; File #LR-67309—Cat. No. 6690)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating

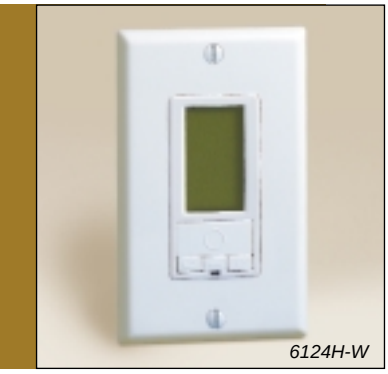
Operating Temperature: 32°F to 130°F

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

DECORA PLUS Programmable Electronic Timers

LEVITON LIGHTING CONTROL DIVISION
Building a Connected World


6124H-W

6651-W

24-Hour Programmable Electronic Timer Switch

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
24-Hour LCD Programmable Timer Switch 1200W Incandescent, 1200VA Inductive @ 120V AC 60Hz Motor: 1 HP @ 120V AC 60Hz UL, ¾ HP @ 120V AC 60Hz CSA Neutral Connection Required Compatible with electronic ballasts	6124H	24-Hour ON/OFF scheduling in 30 minute intervals	I, W, A

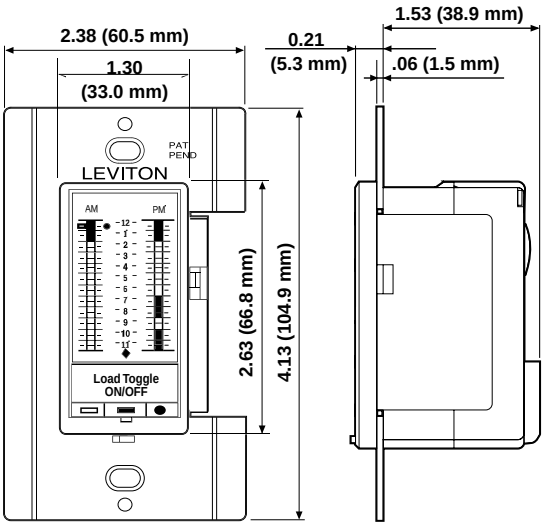
14-Hour Programmable Electronic Timer Switch

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
14-Hour Segment Programmable Timer Switch 40W min, 500W max. @ 120V AC 60Hz, Incandescent only Neutral Not Required	6651	14-Hour ON/OFF scheduling in hourly intervals	I, W, A

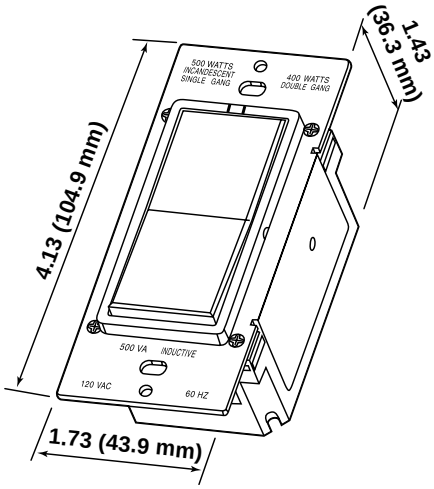
Variable Countdown Timer Switch

DESCRIPTION	CAT. NO.	INTERVAL	COLOR
Decora Style Rotary-Dial Variable Countdown Timer Switch 500W Incandescent, 500VA Inductive 1/6 HP @ 120 AC 60Hz Neutral Connection Required	6652	1 minute to 18 hours	I, W, A

All devices are UL Listed and CSA Certified.



PROGRAMMABLE ELECTRONIC TIMER SWITCH
Cat. No. 6124H



PROGRAMMABLE ELECTRONIC TIMER SWITCH VARIABLE COUNTDOWN TIMER
Cat. Nos. 6651 and 6652

SPECIFICATIONS & FEATURES

24-Hour Programmable Timer

- Ideal for a wide variety of commercial and residential applications including outdoor lighting, pools, motors, sprinklers, exhaust and attic fans, bathroom heat lamps, hot tubs and spas, whole-house exhaust fan scheduling, office lights, janitor closets, landscape and security lighting
- Permits separate ON or OFF scheduling for half-hour periods of the day; ON/OFF manual control available by using button below display panel
- Decora styling enhances any interior (NOTE: 6124H cannot be used with Decora Plus Screwless Snap-On Wallplates)

14-Hour Programmable Timer

- Ideal for residential incandescent lighting control including indoor, outdoor and seasonal lighting
- "Set-it-and-forget convenience" provides automatic daily control with manual override
- Automates daily switching program (up to 14 hours) by responding to DIP switch ON or OFF position for each hour; repeats until function switch is moved to Manual or OFF mode

Countdown Timer Switch

- For residential and light commercial applications including indoor and outdoor lighting, office lights and ceiling paddle fans
- Simple rotary-dial time selection of settings from 1 minute to 18 hours
- An illuminated LED indicates load is ON. Blinking LED accompanied by annunciator sound indicates end of time cycle

TESTING & CODE COMPLIANCE

- UL Listed (File #E-66800)
- CSA Certified (File #LR-68679)
- Backed by a Limited Two-Year warranty

*COLOR

Colors available as listed. For color selections, add suffix to catalog numbers as follows: Ivory (-I), White (-W), and Almond (-A).

MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating
Operating Temperature: 32°F to 130°F

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Timed Lighting Control Panels

LiteKeeper® and TimeKeeper® Timed Lighting Control Panels — Complete, Stand-Alone Energy Mangement Systems

LiteKeeper® and TimeKeeper® provide complex scheduling of lighting and other loads in commercial and residential applications where a time clock is typically used in conjunction with switching contactors. These stand-alone units are fully programmable with an on-board keypad.

LK004

LiteKeeper® Fully-Assembled Control Panel within a NEMA-1 Lockable Enclosure

DESCRIPTION	CAT. NO.	COLOR*
4 Switch Inputs with 4 Standard 20A Output Relays, 120V AC	LK004-120	Gray
4 Switch Inputs with 4 Standard 20A Output Relays, 277V AC	LK004-277	Gray
8 Switch Inputs with 8 Standard 20A Output Relays, 120/277V AC	LK008-0DV	Gray

Enclosure Dimensions:
LK004: 9.5" (241.3 mm) H x 14.0" (355.6 mm) W x 3.25" (82.6 mm) D
LK008: 14.0" (355.6 mm) H x 9.5" (241.3 mm) W x 5.0" (127.0 mm) D

TimeKeeper® Control Panel within a NEMA-1 Lockable Enclosure, relays shipped separately

DESCRIPTION	CAT. NO.	COLOR*
Cabinet with 8 Switch Inputs, accomodates Single-Phase or Two-Pole Relays	TK000-0DV	Gray
20A Relays, 120/208/240V AC Two-Pole, 1–8 Relays	TPR-208	——
20A Relays, 277/480V AC Two-pole, 1–4 Relays	TPR-480	——
20A Relays, 120/277/347V AC Single-Phase, 1–8 Relays	SPR-347	——

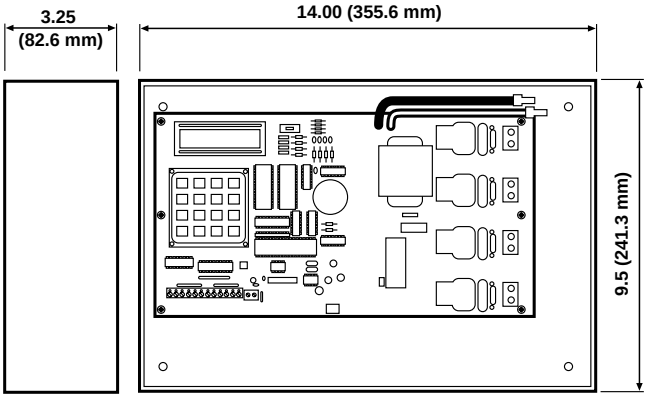
Enclosure Dimensions:
TK000: 14.0" (355.6 mm) H x 9.5" (241.3 mm) W x 7.0" (177.8 mm) D

SPECIFICATIONS & FEATURES

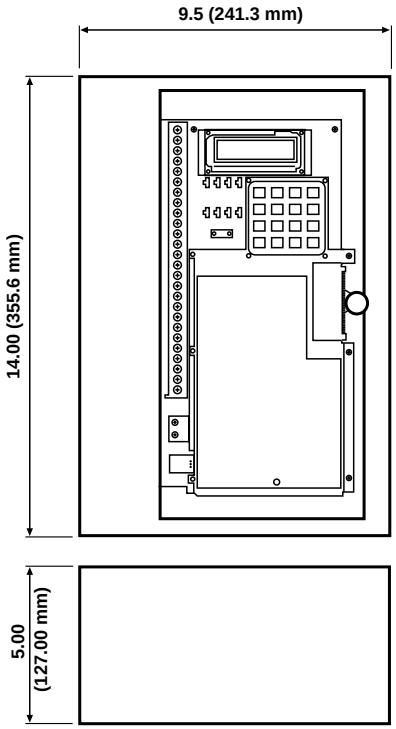
- Ideal for: Cafeterias, auditoriums, gymnasiums and recreational area, pools, parking facilities, landscape and security lighting
- Easy keypad programming with self-prompting LCD display
- Switch inputs furnish local override capability for each relay
- Inputs can be configured to accept momentary, maintained or toggle switches as well as motion detection sensors and photocells
- Holiday schedules
- Timed inputs
- Master override switch: ON/AUTO/OFF
- Astronomical clock eliminates the need for expensive photocells
- Optional beeper module allows user to turn loads On and Off from remote locations without the need for pulling phone lines
- 2-year hardware/software warranty
- Limited 10-year warranty on individual relays

TESTING & CODE COMPLIANCE

- ETL/ETLC Listed — UL 916 Standards



Cat. No. LK004



Cat. No. LK008

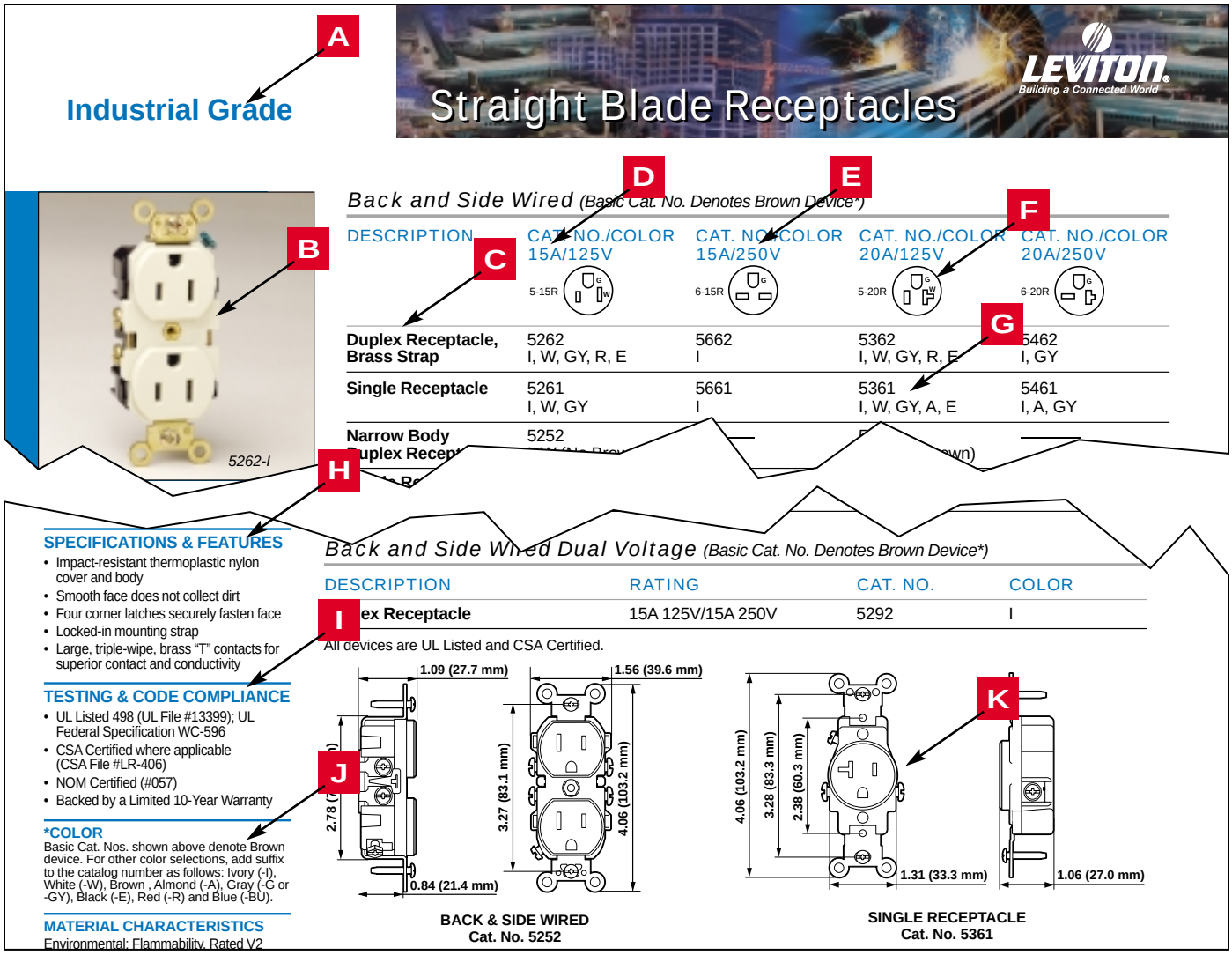
For more information on Leviton Relay Control Systems, call 1-503-404-5500.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How To Use This Catalog

This edition of the Leviton Wiring Device Catalog has been re-designed to help you find the device you're seeking in the quickest and easiest way possible. To achieve this, each Section (A, B, C, etc.) has been divided into three distinct portions in the following sequence—Industrial Grade first, Commercial Grade second, Residential Grade third—and grouped according to their amperage and voltage, lowest to highest. (Some product classes may have slight differences.) If you need to place an order for any quantity of 15 Amp, 125 Volt, Industrial Grade duplex receptacles with back and side wiring, you would begin your search for the right Leviton product with the Table of Contents. Here you'll see that all receptacles are listed in Section D. Turning to Section D, you'll find that product descriptions now lead off each listing, so that you'll be able to understand what the device is about, functionally, in relation to your needs. Product description, in turn, is followed by Amps and catalog numbers for ordering purposes. To assist you further, such helpful highlights as Specifications & Features, Testing & Code Compliance, Color listing, Material Characteristics, color photos and dimensional drawings virtually fill each page. Four-color photographs have been added throughout the catalog to provide you with an enhanced view of the Leviton product line.

Any page in this L-504 Catalog can be used as a specificer sheet or as part of a presentation; and any page can be clearly faxed to customers and prospects. Product classes may also be pinpointed in the Quick Reference Guide following the Table of Contents. After turning to the proper page, you would locate the catalog number for the item that corresponds to your needs, along with basic information about similar items. Wiring diagrams, NEMA Configuration Charts, Electrical Industry Definitions, ANSI Architectural Symbols, and other related information can be found in the Technical Section (U). Specific product catalog numbers are listed in the exhaustive index at the back of the catalog.



A Choose GRADE, if appropriate

B PHOTOGRAPH

C Check for SINGLE or DUPLEX

D Find AMPERAGE

E Select RATING and WIRING

F Check for NEMA CONFIGURATION

G COLOR ABBREVIATIONS

H SPECIFICATIONS & FEATURES

I TESTING & CODE COMPLIANCE

J COLOR LISTING

K DIMENSIONAL ILLUSTRATIONS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Occupancy Sensor Lighting Controls

Leviton's Wall Switch and Ceiling Mounted Occupancy Sensors use passive infrared or ultrasonic sensing technology to provide cost-effective lighting control. Leviton Occupancy Sensors are capable of monitoring conference rooms, classrooms, stairwells, stock rooms, lounges, rest rooms, and outdoor areas.

The Passive Infrared (PIR) units respond to change in the infrared background by turning lights ON when people enter a space being monitored, and OFF when the space is unoccupied. The ultrasonic units transmit ultrasound and monitor for changes in the signal's return time to detect occupancy, turning lights ON when movement is detected, and OFF when the space is unoccupied. By analyzing traffic flow, Leviton Occupancy Sensors can be installed to generate significant lighting cost savings combined with energy efficiency.

OCCUPANCY SENSOR LIGHTING CONTROLS

Overview _____ P1
Decora Wall Switch Infrared Occupancy Sensors _____ P2
Decora Dual-Relay Wall Switch Infrared Occupancy Sensor _____ P2
Centura™ Fluorescent Energy Management System _____ P3, P4
Self-Contained Infrared Ceiling Mount Occupancy Sensor _____ P5
Multi-Tech Ceiling Mount Occupancy Sensor _____ P6
Ultrasonic Ceiling Mount Occupancy Sensor _____ P7
Infrared Ceiling Mount Occupancy Sensor _____ P8
Multi-Tech Wall Mount Occupancy Sensor _____ P9
Infrared Wide-View Wall Mount Occupancy Sensor _____ P10
Infrared High-Bay Wall Mount Occupancy Sensor _____ P10
Power Packs for Occupancy Sensors ___ P11
Infrared Outdoor Motion Sensors _____ P12

SECTION P

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

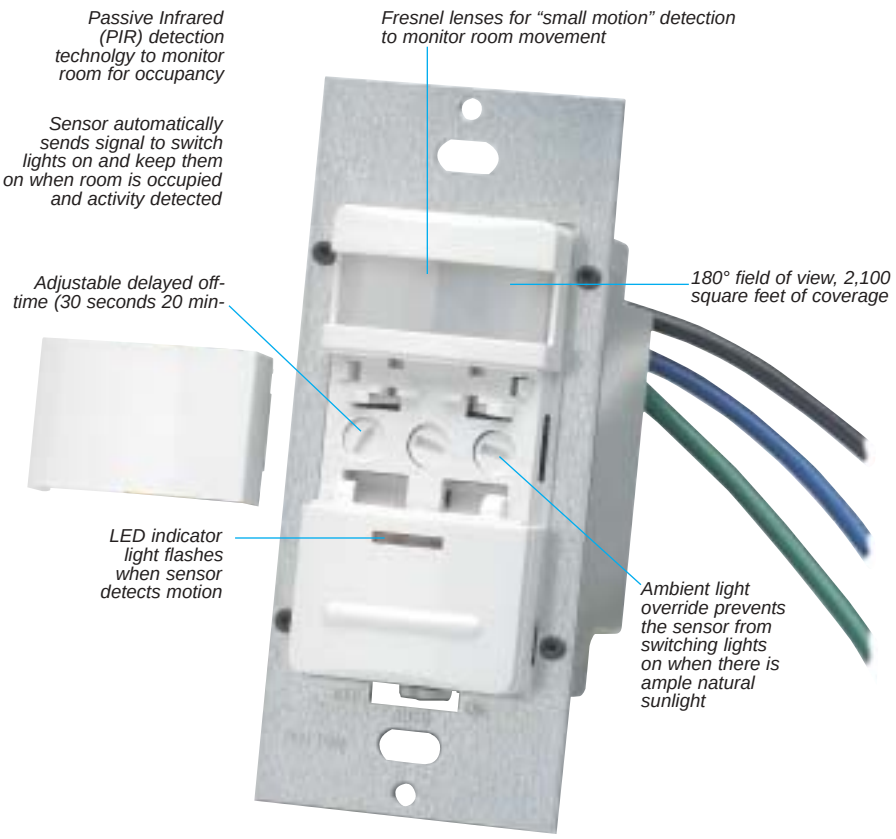
Occupancy Sensor Lighting Controls

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World

Leviton provides a variety of space-monitoring Occupancy Sensor Lighting Controls for virtually any room, space, facility, home or office. Wall or ceiling, passive infrared or ultrasonic, end users will benefit from Leviton's Occupancy Sensors as a direct result of their energy efficiency and obvious cost-effectiveness.

Features and Benefits

- 180° field of view, covers approximately 2100 square feet
- Selectable base time-delay interval from 30 seconds to 20 minutes
- Self-adjusting delayed off time interval compensates for real time occupancy patterns, preventing unnecessary on/off switching
- Can be used with incandescent or fluorescent lighting
- Motion-activated; infrared sensing technology turns lights ON when room is occupied and OFF when unoccupied
- Replaces standard switches in existing wallboxes
- Ambient light override keeps lights off when there's plenty of sunlight
- Push-button manual override allows controls to be used like standard ON/OFF switches; manual-ON/Auto-OFF mode
- "Walk-Through" feature shuts off lights after 2 1/2 minutes rather than an extended period
- Compatible with Decora designer-styled devices
- Backed by a Limited Five-Year Warranty



Cat. No. ODS15-IDW

Versatile Occupancy Sensor Lighting Controls for Cost-Effective Energy Savings

Multi-Technology Ceiling-Mount Occupancy Sensor

Combines infrared and ultrasonic technology for highly accurate monitoring. 360°, 2000 sq. ft coverages.

Cat. No. ODC20-M0W

Multi-Technology Wall-Mount Occupancy Sensor

Combines infrared and ultrasonic technology for highly accurate monitoring. 110°, 1200 sq. ft coverage.

Cat. No. ODW12-M0W

Infrared High-Bay Wall-Mount Occupancy Sensor

Ideal for warehouse aisles, hallways, stairways and other long, narrow spaces.

Cat. No. ODWHB-I0W

Self-Contained Ceiling Mount PIR Occupancy Sensor

Contains sensor and switching relay; 360° field of view; adjustable delayed off time of 20 seconds to 15 minutes.

Cat. No. ODC0S-I1W

Dual-Relay Decora Wall Switch Infrared Occupancy Sensor

Controls two separate lighting loads from a single unit. Features self-adjusting technology and choice of Classroom or Conference Room modes for maximum performance.

Cat. No. ODS0D-IDW

Outdoor Motion Sensor

Ideal for commercial/industrial settings, with temperature compensation to ensure performance in all weather conditions.

Cat. No. PS200-10W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Commercial Grade

Decora® Wall Switch Infrared Occupancy Sensor (Incandescent or Fluorescent)

DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	ODS15-ID (formerly 6768)	Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Incandescent: 1800W @ 120V. Motor: 1/4 HP @ 120V	I, W, G, A
Decora Wall Switch PIR Occupancy Sensor	ODS10-ID (formerly 16775)	Incandescent: 800W @ 120V, Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60 Hz AC only. Motor: 1/4 HP @ 120V	I, W, G, A

ODS15-IDW in 80301-W

Dual-Relay Decora® Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	PHOTOCELL CONTROL OPTIONS PER RELAY	RATING	COLOR
Dual-Relay Decora Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology	ODS0D-ID (formerly 6772)	Default Setting: Conference Room Mode Both Primary.and Secondary Relays respond to Ambient Light Override. Alternate Setting: Classroom Mode Primary Relay only responds to Ambient Light Override.	Primary Relay: Fluorescent: 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V. Secondary Relay: Fluorescent: 800VA @ 120V, 1200VA 277V. Incandescent: 800W @ 120V	I, W, G, A

ODS0D-IDW in 80301-W

Decora® Wall Switch Infrared Occupancy Sensor

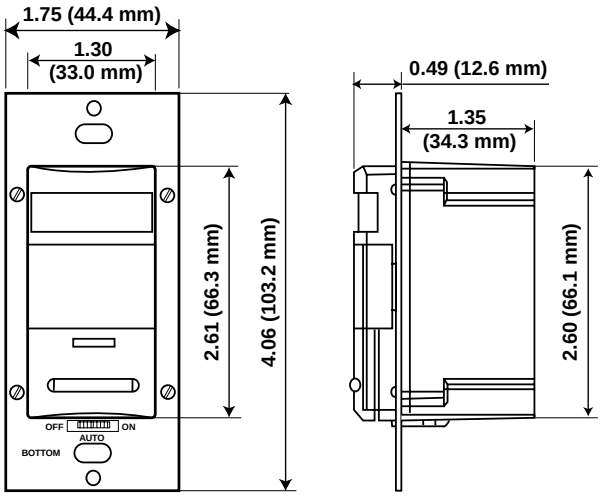
DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor, Single-Pole & 3-Way, 180° field of view	PR180-1L	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: 1/8 HP @ 120V AC	I, W, A

Residential Grade

Decora® Wall Switch Infrared Occupancy Sensor

DESCRIPTION	CAT. NO.	RATING	COLOR
Decora Wall Switch PIR Occupancy Sensor, Single-Pole, 150° field of view	PR150-1L	Incandescent: 500W, Fluorescent: 400VA Rapid Start Magnetic only @ 120V AC, Motor: 1/8 HP @ 120V AC	I, W, A

All devices are UL Listed and CSA Certified.



Cat. No. ODS15-ID

SPECIFICATIONS & FEATURES

Decora Wall Switch PIR Occupancy Sensor (ODS15-ID)

- For use in small offices, conference rooms, class rooms, stock rooms, lounges, restrooms, warehouses & commercial areas
- Exclusive automatic "Walk-Through" sensing increases energy savings by shutting lights within 2½ minutes after momentary occupancy
- Self-adjusting delayed OFF-time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- 180° field of view, 2100 sq. ft. of coverage

Dual-Relay Decora Wall Switch PIR Occupancy Sensor (ODS0D-ID)

- Ideal for class rooms and conference rooms
- Exclusive automatic "Walk-Through" sensing
- Provides automatic switching for 2 separate banks of fluorescent, incandescent, or low-voltage lighting from a single unit
- Self-adjusting delayed OFF-time interval compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- 180° field of view, 2100 sq. ft. of coverage
- Ambient light override prevents these devices from switching lights ON when there is ample natural sunlight
- Push-button manual override is used to turn lights ON at any time, regardless of the override setting

Wall Switch PIR Occupancy Sensor (ODS10-ID)

- For use in enclosed offices, storage rooms, copier rooms & closets
- One unit can be used for 120V or 277VAC 60Hz incandescent, low-voltage and fluorescent lighting with either magnetic or electronic ballasts, and motor loads.
- 180° field of view
- Fits in standard wallbox; gangable
- Delayed-off time settings: 10, 20 and 30 minutes with 30-second test mode
- Elegant Decora styling; uses Decora wallplate

TESTING & CODE COMPLIANCE

- UL Listed (File #E-118904)
- Cat. No. ODS0D-ID is CUL/US Certified
- CSA Certified (File #LR-91148M)
- NOM Certified (#057)
- Conforms to California Title 24 Energy Code
- Backed by a Limited Five-Year Warranty

COLOR

Colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-G), Almond (-A).

MATERIAL CHARACTERISTICS

Operating Temperature: 0°C to 50°C
Storage Temperature: -10°C to 85°C
Relative Humidity: 20% to 90% non-condensing

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fluorescent Energy Management System

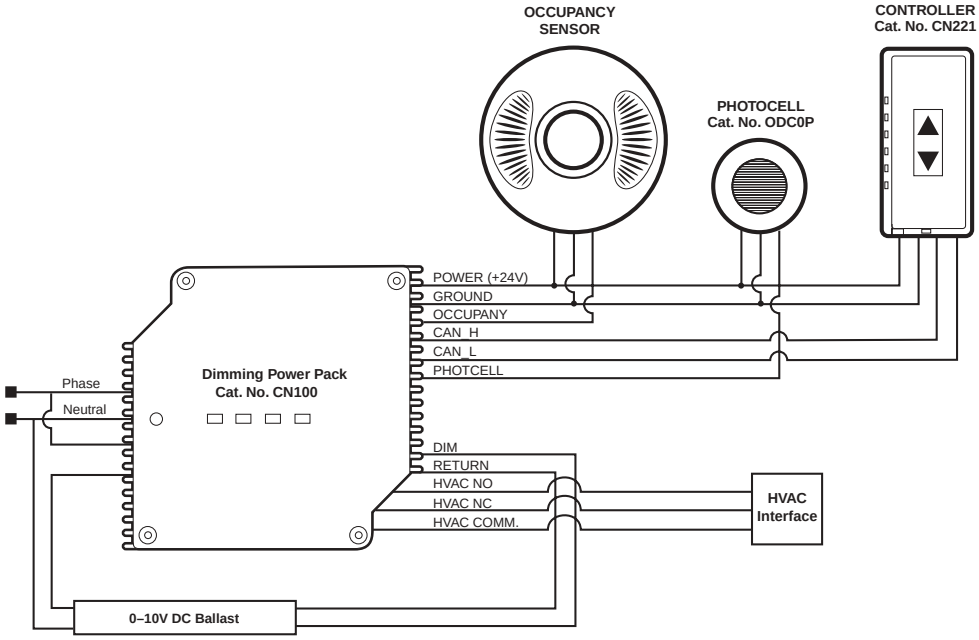
Centura™ Fluorescent Energy Management System

Centura combines the technology of "daylight harvesting " with a host of innovative energy-efficient modular lighting controls, including dimmers, timers, occupancy sensors and photo-sensors that dim or turn off fluorescent lighting when a space is not being used. Centura incorporates the ability to interface with any Leviton occupancy sensor to provide even greater energy savings. When single or multiple occupancy sensors are installed, programmed interior lighting is automatically turned OFF when the room is vacant and back ON to the programmed level when occupancy is detected. The use of movement sensors means energy savings up to a proven 50%.

Leviton Occupancy Sensors Compatible with Centura System

DESCRIPTION	CAT. NO.	COVERAGE	PAGE NO.
Multi-Tech Ceiling Sensor	ODC05-M0W	180°, 500 sq. ft	P6
Multi-Tech Ceiling Sensor	ODC10-M0W	180°, 1000 sq. ft	P6
Multi-Tech Ceiling Sensor	ODC20-M0W	360°, 2000 sq. ft	P6
Ultrasonic Ceiling Sensor	ODC05-U0W	180°, 500 sq. ft	P7
Ultrasonic Ceiling Sensor	ODC10-U0W	180°, 1000 sq. ft	P7
Ultrasonic Ceiling Sensor	ODC20-U0W	360°, 2000 sq. ft	P7
PIR Ceiling Sensor	ODC04-I0W	360°, 450 sq. ft	P8
Multi-Tech Wall Sensor	ODW12-M0W	110°, 1200 sq. ft	P9
PIR High-Bay Sensor	ODWHB-I0W	120 ft, 14 ft wide @ 30 ft height	P10
PIR Wide-View Sensor	ODWWV-I0W	110°, 2500 sq. ft	P10

Note: The Leviton Occupancy Sensors listed can be powered by the Centura Dimming Power Pack–Use of a separate Occupancy Sensor Power Pack is not required. Agency approvals for all Centura components are UL, CSA, FCC, and California Title 24 (where applicable).



CENTURA™ ENERGY MANAGEMENT SYSTEM ESSENTIAL COMPONENTS

For more information on the Centura™ Fluorescent Energy Management System, visit Leviton's website at www.leviton.com/centura

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fluorescent Energy Management System

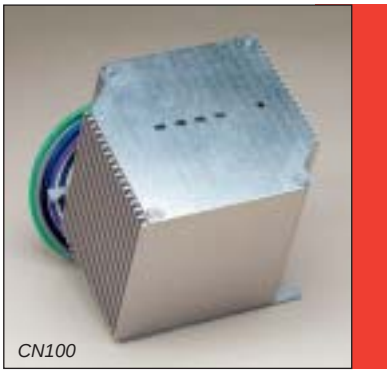
LEVITON LIGHTING CONTROL DIVISION Building a Connected World

Centura™ Fluorescent Energy Management System

Leviton's new Centura™, a modular lighting control system for dimming fluorescent ballasts (Advance Mark VII™, OSRAM Sylvania Quicktronic® Helios™ and Energy Savings SuperDim™), brings increased energy savings to commercial spaces. Using a technique known as "daylight harvesting", Centura factors in the available daylight for the precise control of fluorescent light levels to achieve optimum comfort and energy efficiency.

Centura™ Fluorescent Energy Management System

DESCRIPTION	CAT. NO.	RATING	COLOR
Centura Dimming Power Pack*—ON/OFF and DIM/BRIGHT control of 0-10VDC dimming fluorescent ballasts. Responds to Wall Controller, Occupancy Sensor and Photocell input and provides +24 VDC power supply for these devices. Programmed via Wall Controller or via Leviton Personal Dimmer software from a PC. Secondary relay sends control signals to HVAC system. LED's indicate operation mode.	CN100-0D0	2400VA @ 120V AC 60Hz, 5500VA @ 277V AC 60Hz. For use with 0-10VDC Advance Mark VII™, OSRAM Sylvania Quicktronic® Helios™, Energy Savings SuperDim™ and comparable ballasts only	Gray Metallic
Centura Dimming Controller with Infrared Receiver*— Decora-style 5-button unit for ON/OFF, DIM/BRIGHT and MAX override. Built-in IR receiver for use with Centura NE200-00E Hand-Held Remote. Programs energy management functions.	CN200-00C	No load rating, for use with Centura Dimming Power Pack only	White (Ivory color change kit included)
Centura Hand-Held Remote Controller Infrared— Remote provides convenient ON/OFF, DIM/BRIGHT control presets and programming. Designed for use with Centura CN200 Entry Station with Infrared Receiver.	NE200-00E	No load rating, for use with Centura CN200 Controller only	Black
Centura Switching Controller*— Decora-style rocker for ON/OFF switching	CN220-00C	No load rating	White (Ivory color change kit included)
Centura Dimming Controller*—Decora-style rocker for ON/OFF switching with built-in arrow-shaped rocker for DIM/BRIGHT control. LED display indicates selected brightness level. Programs energy management functions—back of wallplate provides instruction label that lines up with LED's to facilitate programming.	CN221-00C	No load rating, for use with Centura Dimming Power Pack only	White (Ivory color change kit included)
Centura Photocell*—Detects available light levels for "Daylight Harvesting". Allows Centura system to maintain a programmed light level by constantly adjusting fluorescent light output to compensate for changes in available daylight.	ODC0P	No load rating, for use with Centura Dimming Power Pack only. 0–70 foot candles	White
Centura SmartJack*—Allows desktop PC control of Centura Lighting Control System. Includes a cable for connecting the SmartJack to a PC and a mini-CD containing server, administrator and user software. For the latest software upgrades, check Leviton's website	NE100-00C	No load rating, for use with Centura Power Pack	White (Ivory color change kit included)



CN100

CN221

SPECIFICATIONS & FEATURES

- Ideal for commercial spaces and individual offices
- Reduces eyestrain and fatigue from glare, Increasing comfort and productivity
- All functions conveniently accessed through Controllers or via Leviton Personal Dimmer software from a PC
- Dimming Power Pack provides low-voltage power supply for Controllers, Photocell and Occupancy Sensors
- Photocell provides energy savings through Daylight Harvesting technology
- Use with Leviton Occupancy Sensors for increased energy savings: Lights turn ON automatically to programmed levels when personnel enter area; OFF automatically when area becomes vacant
- Modular system design expands energy saving options with an interface for building emergency systems, load shedding programs and time clock systems
- Dimming Power Pack mounts in standard 4" square back box. Entry Station Wall Switch mounts in standard single-gang switch box.

TESTING & CODE COMPLIANCE

- *Agency approvals for all Centura components are UL, CSA, NOM, FCC, and California Title 24 (where applicable) except for the hand-held remote controller

For more information on the Centura™ Fluorescent Energy Management System, visit Leviton's website at www.leviton.com/centura

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ODC0S-I1W

Self-Contained Ceiling-Mount Occupancy Sensor

PIR Occupancy Sensor with built-in relay—Separate Power Pack not required

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I1W (formerly 16786-120)	Incandescent: 1000W @ 120V. Fluorescent: 1000VA @ 120V. 1 HP @ 120V For 60Hz AC only	360°, 530 sq. ft	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I2W	Incandescent: 1000W @ 220V. Fluorescent: 500VA @ 220V. For 50Hz AC only	360°, 530 sq. ft	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay	ODC0S-I7W (formerly 16786-277)	Fluorescent: 2700VA @ 277V. For 60Hz AC only	360°, 530 sq. ft	White
Protective Cage	ODCCG	———	———	White

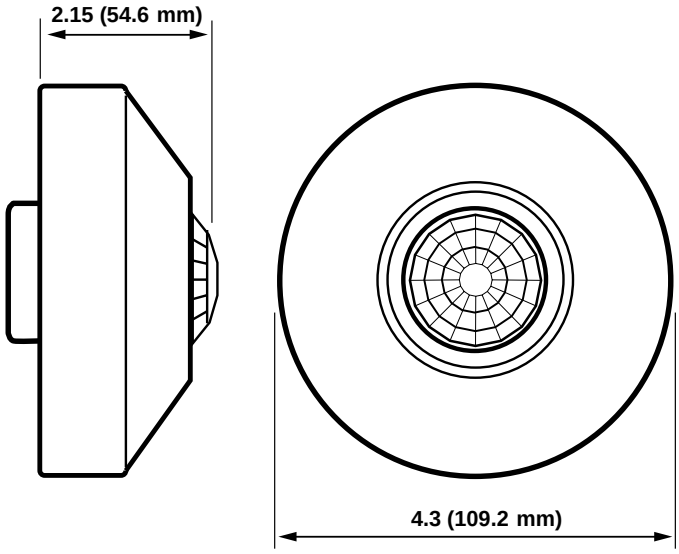
All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

- Ideal for use in storage areas, small bathrooms, copy rooms and a variety of small spaces without wall switches
- Full 360° view of a 530 sq. ft. area when surface mounted on standard, 8-foot ceiling
- Sensor and switching relay combined in a single self-contained unit—No control unit required
- Ambient light override option prevents lights from turning ON when there is ample natural light
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Small, unobtrusive self-contained unit: 4.3" (109.2 mm) diameter

TESTING & CODE COMPLIANCE

- UL Listed
- CSA Certified



Cat. No. ODC0S-I1W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Occupancy Sensor Lighting Controls

LEVITON LIGHTING CONTROL DIVISION
Building a Connected World

Multi-Technology Ceiling-Mount Occupancy Sensor ***(For use with Leviton Power Pack)****

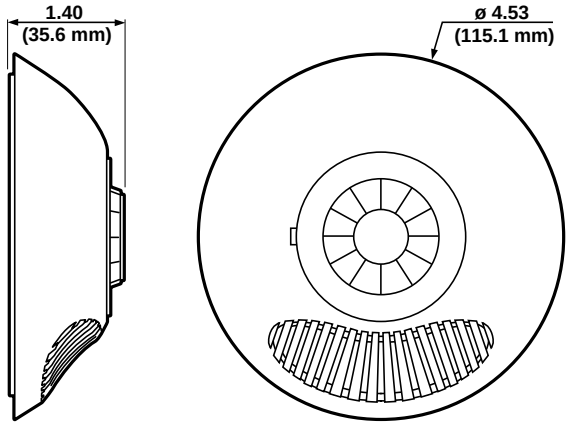
Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control

ODC20-M0W

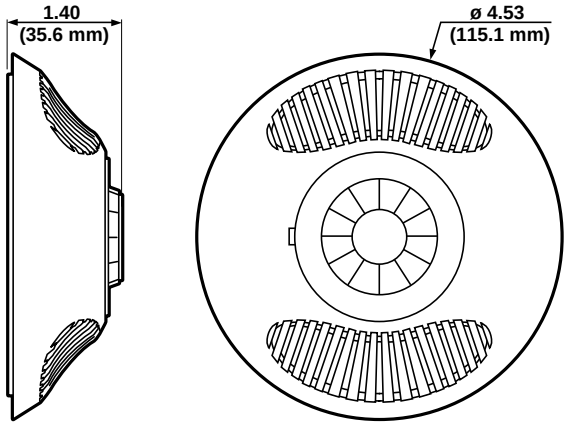
DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Multi-Tech Ceiling-Mount Occupancy Sensor	ODC05-M0W	180°, 500 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC05-MRW	180°, 500 sq. ft	40kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	ODC10-M0W	180°, 1000 sq. ft	32kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC10-MRW	180°,1000 sq. ft	32kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor	ODC20-M0W	360°, 2000 sq. ft	32kHz	White
Multi-Tech Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC20-MRW	360°, 2000 sq. ft	32kHz	White
Hard-Ceiling Raceway Adapter Kit	ODCRA-000	———	———	White
Protective Cage for Ceiling-Mount Occupancy Sensors	ODCCG-000	———	———	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately). See page P11 for Power Pack information.

All devices are CUL/US Certified.



Cat. Nos. ODC050-M, ODC10-M



Cat. No. ODC20-M

SPECIFICATIONS & FEATURES

- Ideal for office areas with cubicles, general work space, warehouse and storage facilities, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust infrared sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Automatic dual-mode operation adjusts to either economy or high-sensitivity mode based on actual occupancy patterns for maximum energy savings
- Built-in Circadian Calendar — Provides 4-week learning period where the sensor monitors occupancy to establish trends that serve as the basis for automatic operation. During peak occupancy periods the sensor remains in high-sensitivity mode and during low occupancy periods it switches to economy mode.
- Manual Delayed-OFF time settings of 8, 16, and 32 minutes, with 8-second test mode
- Self-Adjusting Delayed-OFF time interval settings for 8 to 100 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Choice of coverage patterns to suits a variety of applications
- Small, unobtrusive size (4.5" diameter) blends in with any décor
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Hard-Ceiling Raceway Adapter Kit (optional) provides complete solution for mounting occupancy sensors to hard ceilings. Two-piece kit contains Adapter Base and "rotate and lock" Adapter Plate for attaching Sensor. Compatible with most standard surface-mounting raceways; also suitable for mounting Sensors to standard octagonal J box

Optional Performance Features
(Models with -MRW suffix)

- Ambient light override option prevents lights from turning ON when there is ample natural light
- Secondary Relay — Single-Pole Double-Throw (SPDT), rated 500 mA @ 24V AC/DC, three-wire isolated relay
- Secondary Relay can be used to send control signals to HVAC systems based on occupancy detection

TESTING & CODE COMPLIANCE

- CUL/US Certified

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ODC10-U0W

Ultrasonic Ceiling-Mount Occupancy Sensor ***(For use with Leviton Power Pack)****

Advanced Ultrasonic sensing technology for highly accurate monitoring with excellent immunity to air currents and other interference . All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.

DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Ultrasonic Ceiling-Mount Occupancy Sensor	ODC05-U0W	180°, 500 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC05-URW	180°, 500 sq. ft	40kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	ODC10-U0W	180°, 1000 sq. ft	32kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC10-URW	180°, 1000 sq. ft	32kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor	ODC20-U0W	360°, 2000 sq. ft	32kHz	White
Ultrasonic Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC20-URW	360°, 2000 sq. ft	32kHz	White
Hard-Ceiling Raceway Adapter Kit	ODCRA-000	———	———	White
Protective Cage for Ceiling-Mount Occupancy Sensors	ODCCG-000	———	———	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately). See page P11 for Power Pack information.

All devices are CUL/US Certified.

SPECIFICATIONS & FEATURES

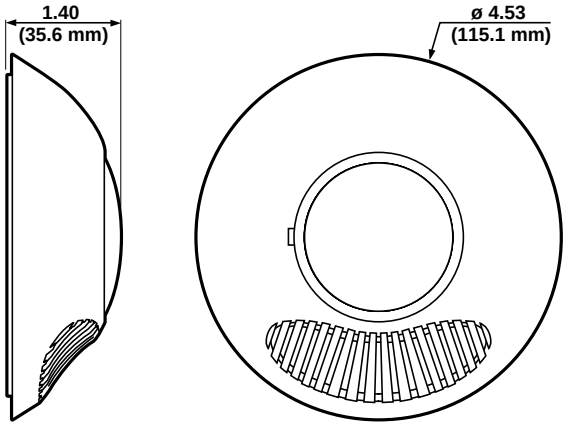
- Ideal for restrooms, office areas with cubicles, general work space, warehouse and storage facilities, cafeterias and public areas in commercial facilities
- Ultrasonic sensing for maximum range and sensitivity combined with high immunity to false triggering from air currents and other interference
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Automatic dual-mode operation adjusts to either economy or high-sensitivity mode based on actual occupancy patterns for maximum energy savings
- Built-in Circadian Calendar — Provides 4-week learning period where the sensor monitors occupancy to establish trends that serve as the basis for automatic operation. During peak occupancy periods the sensor remains in high-sensitivity mode and during low occupancy periods it switches to economy mode.
- Manual Delayed-OFF time settings of 8, 16, and 32 minutes, with 8-second test mode
- Self-Adjusting Delayed-OFF time interval settings for 8 to 100 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Choice of coverage patterns to suit a variety of applications
- Small, unobtrusive size (4.5" diameter) blends in with any décor
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Hard-Ceiling Raceway Adapter Kit (optional) provides complete solution for mounting occupancy sensors to hard ceilings. Two-piece kit contains Adapter Base and "rotate and lock" Adapter Plate for attaching Sensor. Compatible with most standard surface-mounting raceways; also suitable for mounting Sensors to standard octagonal J box

Optional Performance Features
(Models with -URW suffix)

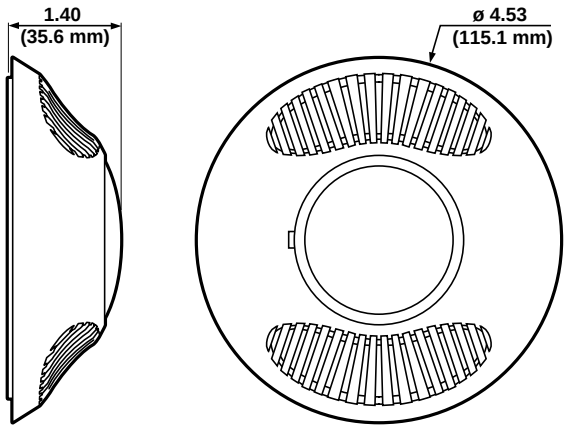
- Ambient light override option prevents lights from turning ON when there is ample natural light
- Secondary Relay — Single-Pole Double-Throw (SPDT), rated 500 mA @ 24V AC/DC, three-wire isolated relay
- Secondary Relay can be used to send control signals to HVAC systems based on occupancy detection

TESTING & CODE COMPLIANCE

- CUL/US Certified



Cat. Nos. ODC05-U, ODC010-U



Cat. No. ODC20-U

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

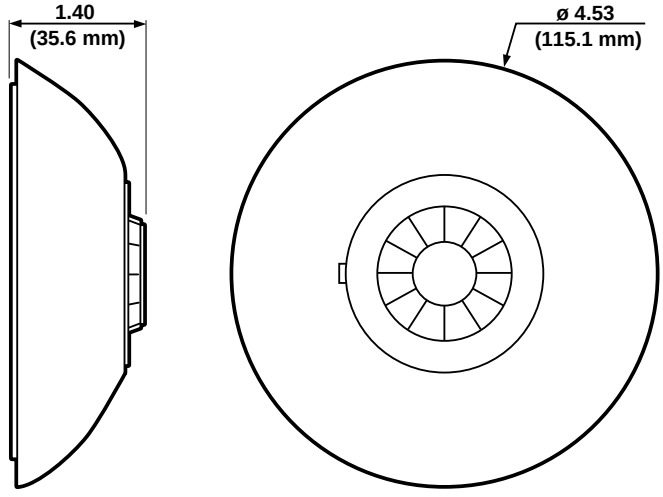
Infrared Ceiling-Mount Occupancy Sensor

(For use with Leviton Power Pack)* *Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.*

DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Infrared Ceiling-Mount Occupancy Sensor	ODC04-I0W	360°, 450 sq. ft	White
Infrared Ceiling-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODC04-IRW	360°, 450 sq. ft	White
Hard-Ceiling Raceway Adapter Kit	ODCRA-000	———	White
Protective Cage for Ceiling-Mount Occupancy Sensors	ODCCG-000	———	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately). See page P11 for Power Pack information.

All devices are CUL/US Certified.



Cat. No. ODC04-I

SPECIFICATIONS & FEATURES

- Ideal for use in small offices, general work areas, closets, restrooms, and other small areas in commercial facilities
- Self-adjusting settings continuously analyze and adjust infrared sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Automatic dual-mode operation adjusts to either economy or high-sensitivity mode based on actual occupancy patterns for maximum energy savings
- Built-in Circadian Calendar — Provides 4-week learning period where the sensor monitors occupancy to establish trends that serve as the basis for automatic operation. During peak occupancy periods the sensor remains in high-sensitivity mode and during low occupancy periods it switches to economy mode.
- Manual Delayed-OFF time settings of 8, 16, and 32 minutes, with 8-second test mode
- Self-Adjusting Delayed-OFF time interval settings for 8 to 100 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Small, unobtrusive size (4.5" diameter) blends in with any décor
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post
- Hard-Ceiling Raceway Adapter Kit (optional) provides complete solution for mounting occupancy sensors to hard ceilings. Two-piece kit contains Adapter Base and "rotate and lock" Adapter Plate for attaching Sensor. Compatible with most standard surface-mounting raceways; also suitable for mounting Sensors to standard octagonal J box

Optional Performance Features
(Models with -IRW suffix)

- Ambient light override option prevents lights from turning ON when there is ample natural light
- Secondary Relay — Single-Pole Double-Throw (SPDT), rated 500 mA @ 24V AC/DC, three-wire isolated relay
- Secondary Relay can be used to send control signals to HVAC systems based on occupancy detection

TESTING & CODE COMPLIANCE

- CUL/US Certified

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ODW12-M0W

Multi-Technology Wall-Mount Occupancy Sensor ***(For use with Leviton Power Pack)**** *Advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggering. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control*

DESCRIPTION	CAT. NO.	COVERAGE	OPERATING FREQUENCY	COLOR
Multi-Tech Wall-Mount Occupancy Sensor	ODW12-M0W	110°, 1200 sq. ft	32kHz	White
Multi-Tech Wall-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODW12-MRW	110°, 1200 sq. ft	32kHz	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately). See page P11 for Power Pack information.

All devices are CUL/US Certified.

SPECIFICATIONS & FEATURES

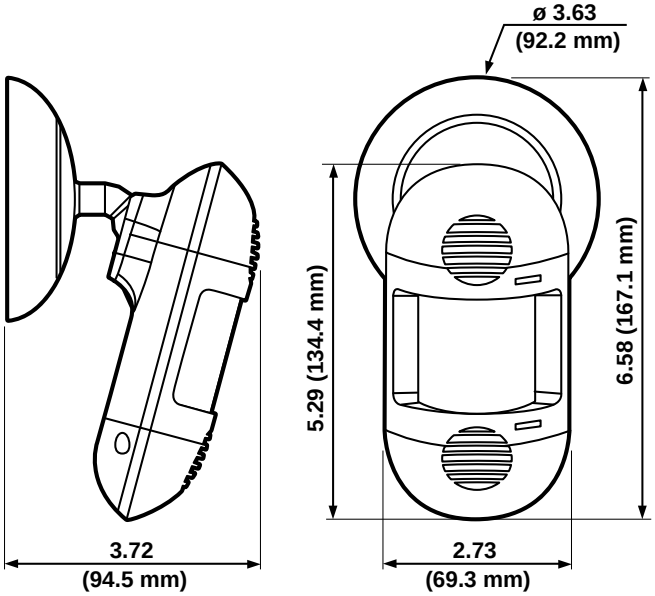
- Ideal for conference rooms, stairwells, high-ceiling rooms, open areas, storage rooms and classrooms. Also ideal for corner mounting in a variety of applications.
- Ultrasonic sensing for maximum sensitivity combined with Passive Infrared (PIR) sensing to prevent false triggering from air conditioning and corridor activity
- Adjustable swivel neck rotates 80° vertically and 60° horizontally— Can be used for ceiling or wall mounting
- Self-adjusting settings continuously analyze and adjust infrared sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Automatic dual-mode operation adjusts to either economy or high-sensitivity mode based on actual occupancy patterns for maximum energy savings
- Built-in Circadian Calendar—Provides 4-week learning period where the sensor monitors occupancy to establish trends that serve as the basis for automatic operation. During peak occupancy periods the sensor remains in high-sensitivity mode and during low occupancy periods it switches to economy mode.
- Manual Delayed-OFF time settings of 4, 8, 16, and 32 minutes, with 8-second test mode
- Self-Adjusting Delayed-OFF time interval settings for 4 to 100 minutes—Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

Optional Performance Features
(Models with -MRW suffix)

- Ambient light override option prevents lights from turning ON when there is ample natural light
- Secondary Relay—Single-Pole Double-Throw (SPDT), rated 500 mA @ 24V AC/DC, three-wire isolated relay
- Secondary Relay can be used to send control signals to HVAC systems based on occupancy detection

TESTING & CODE COMPLIANCE

- CUL/US Certified



Cat. No. ODW12-M

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Infrared Wide-View and High-Bay Wall Mount Occupancy Sensors
(For use with Leviton Power Pack)* *Advanced Passive Infrared technology for highly accurate monitoring in a variety of commercial applications. All-digital self-adjusting technology provides "Install and Forget" solution for automatic lighting control.*

ODWWV-I0W, ODWHB-I0W

Wide-View

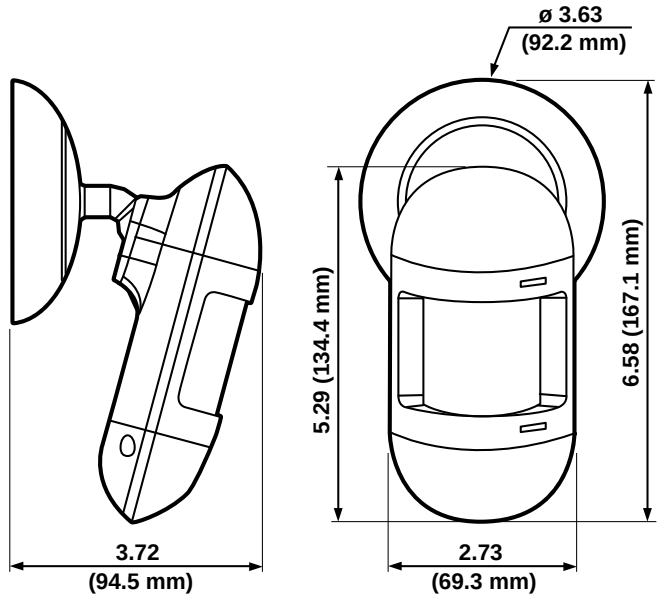
DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Infrared Wide-View Wall-Mount Occupancy Sensor	ODWWV-I0W	110°, 2500 sq. ft	White
Infrared Wide-View Wall-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODWWV-IRW	110°, 2500 sq. ft	White

High-Bay

DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Infrared High-Bay Wall-Mount Occupancy Sensor	ODWHB-I0W	120 ft, 14 ft wide @ 30 ft height	White
Infrared High-Bay Wall-Mount Occupancy Sensor with Ambient Light Override and Secondary Relay	ODWHB-IRW	120 ft, 14 ft wide @ 30 ft height	White

*Low-voltage wiring is used to connect Leviton Occupancy Sensors to Cat. No. ODP20 Power Pack (purchased separately). See page P11 for Power Pack information.

All devices are CUL/US Certified.



Cat. Nos. ODWWV-I, ODWHB-I

SPECIFICATIONS & FEATURES

- ODWWV-I: Ideal for conference rooms, stair-wells, high-ceiling rooms, large open areas, parking garages, storage rooms and rooms with pendant fixtures. Also ideal for corner mounting in a variety of applications.
- ODWHB-I: Ideal for monitoring long, narrow spaces such as warehouse aisles, hallways, stairways, any narrow room, closets and storage areas. Also ideal for corner mounting in a variety of applications.
- Self-adjusting settings continuously analyze and adjust infrared sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Adjustable swivel neck rotates 80° vertically and 60° horizontally—Can be used for ceiling or wall mounting
- Automatic dual-mode operation adjusts to either economy or high-sensitivity mode based on actual occupancy patterns for maximum energy savings
- Built-in Circadian Calendar—Provides 4-week learning period where the sensor monitors occupancy to establish trends that serve as the basis for automatic operation. During peak occupancy periods the sensor remains in high-sensitivity mode and during low occupancy periods it switches to economy mode.
- Manual Delayed-OFF time settings of 4, 8, 16, and 32 minutes, with 8-second test mode
- Self-Adjusting Delayed-OFF time interval settings for 4 to 100 minutes — Compensates for real-time occupancy patterns, preventing unnecessary ON/OFF switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

Optional Performance Features
(Models with -IRW suffix)

- Ambient light override option prevents lights from turning ON when there is ample natural light
- Secondary Relay—Single-Pole Double-Throw (SPDT), rated 500 mA @ 24V AC/DC, three-wire isolated relay
- Secondary Relay can be used to send control signals to HVAC systems based on occupancy detection

TESTING & CODE COMPLIANCE

- CUL/US Certified

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ODP20-010

Power Packs for Occupancy Sensors ***(For use with Leviton Occupancy Sensors listed on pages P6–P10)****

Leviton Power Pack units contain both a 24V DC power supply for Occupancy Sensors and a relay for switching incandescent or fluorescent ballast lighting loads. Add-A-Relay units can be used to expand control capability. Compact, lightweight Power Pack and Add-A-Relay units are easily mounted inside or outside a junction box or inside a fluorescent ballast cavity.

DESCRIPTION	CAT. NO.	POWER INPUT	RELAY RATING	CONTROL INPUT	POWER SUPPLY OUTPUT
Power Pack, 120V	ODP20-010	120V AC 60Hz	13A Incandescent, 20A Fluorescent	5mA, 24V DC	100mA, 24V DC
Power Pack, 230V	ODP20-020	230V AC 50 & 60Hz	20A Fluorescent	5mA, 24V DC	100mA, 24V DC
Power Pack, 277V	ODP20-070	277V AC 60Hz	20A Fluorescent	5mA, 24V DC	100mA, 24V DC
Power Pack, 347V	ODP15-030	347V AC 60Hz	15A Fluorescent	5mA, 24V DC	100mA, 24V DC
Add-A-Relay Unit	ODA00-000	——	All Ratings Listed Above	5mA, 24V DC	——

All devices are CUL/US Certified.

Power Pack Adapter

DESCRIPTION	CAT. NO.
Low-Voltage Nipple Adapter with 1/2" Lock Nut for Power Pack and Add-A-Relay units	ODPNA

Power Pack Capacity Guide

One Leviton Power Pack will supply power for a combination of up to 3 devices (Sensors and Add-A-Relay units) in the following configurations listed below.

Allowable Load Configurations

Number of Occupancy Sensors	Number of Add-A-Relay Units
1	0
2	0
3	0
1	1
2	1
1	2

SPECIFICATIONS & FEATURES

Power Pack

- For use with the following Leviton Occupancy Sensors: ODC20-M, ODC10-M, ODC05-M, ODC20-U, ODC10-U, ODC05-U, ODC04-I, ODW12-M, ODWWV-I and ODWHB-I
- Self-contained power supply for occupancy sensors and switching relay for lighting loads
- Provides 24V DC 100 mA nominal, full-wave rectified and filtered power for occupancy sensors and Add-A-Relay units (see Power Pack Capacity Guide)
- Available in 120VAC, 230VAC, 277VAC and 347VAC versions with relay contacts rated for incandescent or lighting ballast loads
- Compact size and light weight (15-oz.) allows easy mounting through knockout in junction box (from either inside or outside the box) with a simple twist-on nut. Also mounts inside fluorescent ballast cavity.

Add-A-Relay

- Expands Power Pack load capacity by functioning as a supplementary relay
- Provides ability to switch loads in different voltage systems (For example, switching 120V incandescent loads in a 277V fluorescent system and vice versa)
- Compatible with electronic ballasts
- Same compact size and mounting features as Power Pack

Nipple Adapter

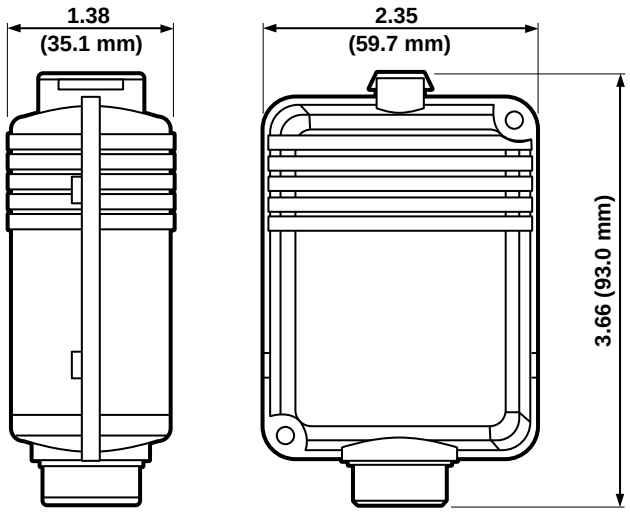
- Simplifies the connection of any OD-series Occupancy Sensor to the low-voltage side of a Power Pack mounted inside a fluorescent ballast cavity
- 1/2" conduit lock nut included

TESTING & CODE COMPLIANCE

- Power Pack Units are CUL/US Certified
- Backed by a Limited Five-Year Warranty

COLOR

Power Pack and Add-A-Relay devices are black.



ALL POWER PACK AND ADD-A-RELAY UNITS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Occupancy Sensor Lighting Controls

LEVITON
LIGHTING CONTROL DIVISION
Building a Connected World

Outdoor Motion Sensors

Passive Infrared (PIR) outdoor motion sensor provide outstanding value in security lighting, convenience, safety and energy savings for a wide range of commercial and residential applications.

PS2000

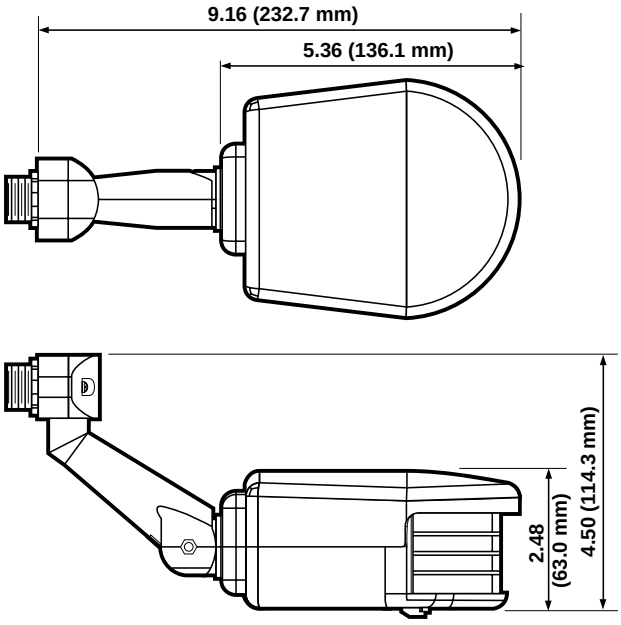
Commercial Grade

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Professional Series Outdoor PIR Motion Sensor	PS200-10	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	200°	W, B
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS200-1F	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	200°	W, B
Professional Series Outdoor PIR Motion Sensor	PS110-10	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	W, B
Professional Series Outdoor PIR Motion Sensor with Dual Floodlights	PS110-1F	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	W, B

Residential Grade

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Residential Series Outdoor PIR Motion Sensor	RS110-10	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	W, B
Residential Series Outdoor PIR Motion Sensor with Dual Floodlights	RS110-1F	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only.	110°	W, B
Residential Series Outdoor PIR Motion Sensor with Dual Floodlights	RS110-2FW	Incandescent: 500W @ 220V. Fluorescent/Inductive: 500VA @ 220V. For 50Hz AC only.	110°	W only

All devices are UL Listed and CSA Certified.



Cat. No. PS2000

SPECIFICATIONS & FEATURES

Professional Series

- Ideal for a wide range of commercial/industrial settings including parking areas, storage facilities, warehouses, loading docks, marina, garages, walkways, campus grounds, meat lockers, walk-in refrigerators/freezers and outbuildings
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Adjustable sensitivity and immunity to RFI signals reduces false triggers
- Ambient light override prevents lights from turning ON when there is ample natural light
- Provides Automatic, Test and Continuous Modes—Test mode simulates automatic operation with short delayed-OFF time for ease of making adjustments. Continuos mode enables manual override for constant "lights ON" operation (when used with standard ON/OFF switch)
- Surge suppression minimizes likelihood of damage due to electrical surges
- Temperature compensation feature ensures uniform performance in extreme hot or cold weather and during temperature fluctuations
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational

Residential Series

- Ideal for a wide range of residential settings including backyards, garages, entranceways, porches, swimming pool areas, doorways and private docks
- Sensor neck adjustment allows accurate area monitoring: 110° vertical, 180° horizontal, 110° rotational
- Adjustable Delayed-OFF time settings from 20 seconds (for test mode) to 15 minutes
- Adjustable sensitivity reduces false triggers
- Provides Automatic, Test and Continuous Modes—Test mode simulates automatic operation with short delayed-OFF time for ease of making adjustments. Continuos mode enables manual override for constant "lights ON" operation (when used with standard ON/OFF switch)

TESTING & CODE COMPLIANCE

- UL Listed
- CSA Certified

COLOR

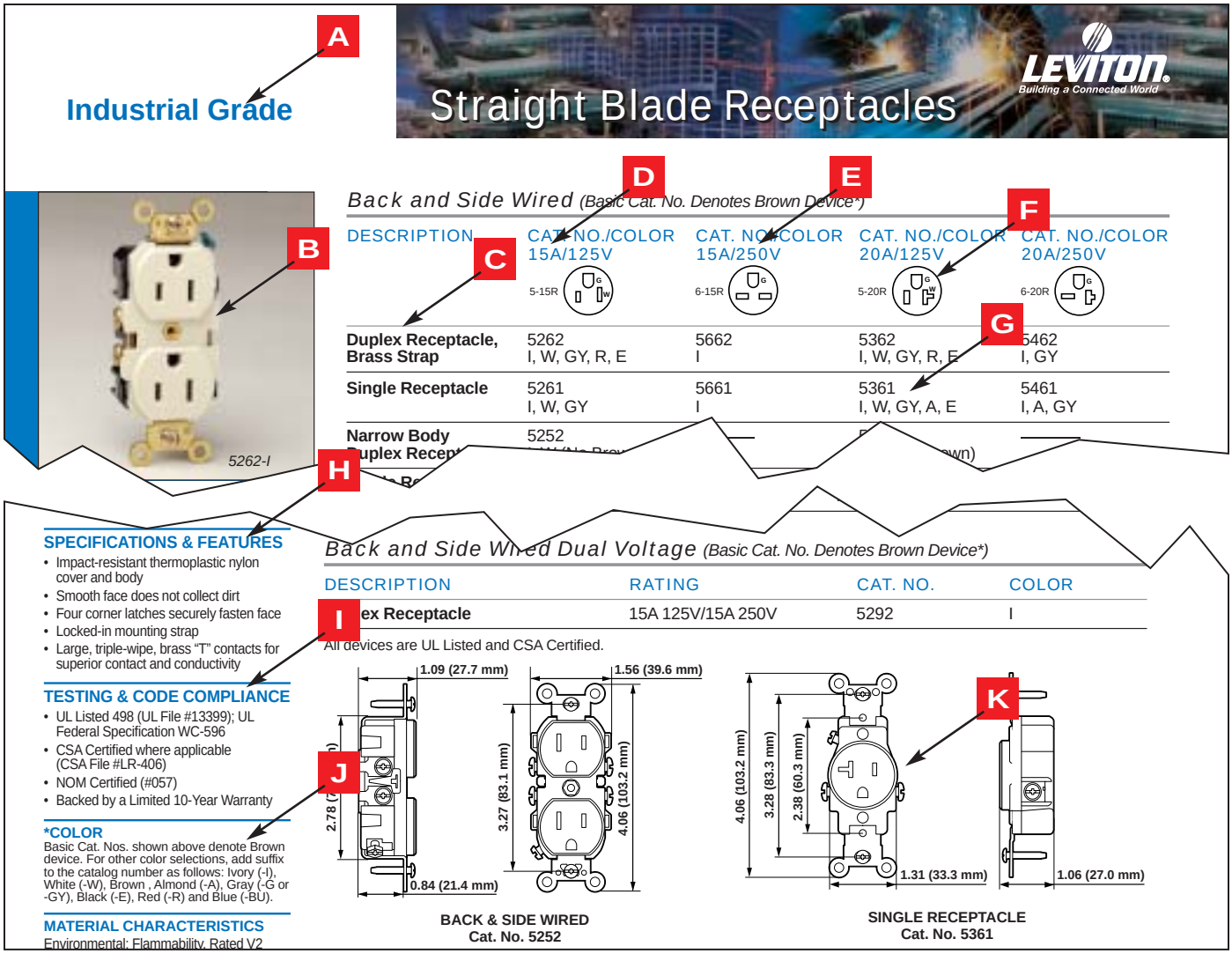
Colors available as listed. For color selections, add suffix to catalog numbers as follows: White (-W) and Brown (-B).

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How To Use This Catalog

This edition of the Leviton Wiring Device Catalog has been re-designed to help you find the device you're seeking in the quickest and easiest way possible. To achieve this, each Section (A, B, C, etc.) has been divided into three distinct portions in the following sequence—Industrial Grade first, Commercial Grade second, Residential Grade third—and grouped according to their amperage and voltage, lowest to highest. (Some product classes may have slight differences.) If you need to place an order for any quantity of 15 Amp, 125 Volt, Industrial Grade duplex receptacles with back and side wiring, you would begin your search for the right Leviton product with the Table of Contents. Here you'll see that all receptacles are listed in Section D. Turning to Section D, you'll find that product descriptions now lead off each listing, so that you'll be able to understand what the device is about, functionally, in relation to your needs. Product description, in turn, is followed by Amps and catalog numbers for ordering purposes. To assist you further, such helpful highlights as Specifications & Features, Testing & Code Compliance, Color listing, Material Characteristics, color
photos and dimensional drawings virtually fill each page. Four-color photographs have been added throughout the catalog to provide you with an enhanced view of the Leviton product line.

Any page in this L-504 Catalog can be used as a specificer sheet or as part of a presentation; and any page can be clearly faxed to customers and prospects. Product classes may also be pinpointed in the Quick Reference Guide following the Table of Contents. After turning to the proper page, you would locate the catalog number for the item that corresponds to your needs, along with basic information about similar items. Wiring diagrams, NEMA Configuration Charts, Electrical Industry Definitions, ANSI Architectural Symbols, and other related information can be found in the Technical Section (U). Specific product catalog



A Choose GRADE, if appropriate

B PHOTOGRAPH

C Check for SINGLE or DUPLEX

D Find AMPERAGE

E Select RATING and WIRING

F Check for NEMA CONFIGURATION

G COLOR ABBREVIATIONS

H SPECIFICATIONS & FEATURES

I TESTING & CODE COMPLIANCE

J COLOR LISTING

K DIMENSIONAL ILLUSTRATIONS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Leviton Wire Mesh Safety Grips are built tough to provide the strength, reliability and gripping force required for today's demanding wire management applications. They are designed to distribute stress over a large area so they can securely hold, pull or support the wire, rope, tubing or fiber optic cable to which they are applied.

Leviton Wire Mesh Safety Grip products offer a wide selection of style, weave, attachment and wire options designed to meet the highest standards for strength, flexibility, durability and longevity.

WIRE MESH SAFETY GRIPS

Overview ____ Q1
Technical Reference ____ Q2
Selecting Pulling and Support Grips ____ Q3-Q5
Pulling Grips ____ Q6-Q13
Strain-Relief Grips ____ Q14-Q17
Support Grips ____ Q18-Q25

SECTION Q

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Leviton Wire Mesh Safety Grips are flexible holding devices used to pull cable, rope, or tubing into place; to support it after it has been installed, to prevent cable pullout; or to provide strain-relief that reduces the arc of bend at points of wire connections or terminations.

1. Pulling Grips

Pulling Grips are reusable tools for pulling insulated conductors or bare wires, cable, nylon and wire rope, fiber optic cable etc. Both flexible eye and rotating eye attachments are available.

2. Strain-Relief Grips

Strain-Relief Grips are used to connect cable or flexible conduit to electrical enclosures and equipment.This prevents pullout and bending due to tension at the inner conductors at the point of termination.

3. Support Grips

Support Grips distribute the weight of the vertical or sloping runs of electrical and fiber optic cable, metal rods, tubing or hose over the entire length of the grip so that the cable is not subject to damage. A variety of hangers and bales are available. These grips are also available in stainless steel for additional corrosion-resistance. Consult factory for availabilty.

Agency Approvals

UL Listings and CSA Certifications are indicated on the appropriate product catalog pages. File numbers, are listed below.

AGENCY	CONTROL NUMBER	FILE NUMBER
Underwriters Laboratories, Inc.	965U 16G5	E-173944 E-176347
Canadian Standards Association	——	LR-702185

Standards

Leviton Wire Mesh Safety Grips meet the following standards:

NEC 300-19—Supporting cables in vertical raceways.

NEC 351-2—Liquid-tight flexible metal conduit installations.

NEC 400-7—Flexible cord installations.

NEC 400-10—Strain-relief at joints and terminals.

JIC H 13.11—Prevention of flexible hose failure.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Technical Reference

Hazardous Locations

The following product categories are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2 requirements.

PRODUCT CATEGORY	TYPE
Deluxe Cord Grips	Aluminum fitting Nylon fitting Non-metallic

Flammability

Non-metallic Deluxe Cord Grips will not support combustion. The ratings are listed below.

COMPONENT	RATING
Wire Mesh Grip	94HB[1]
Fitting	94V[2]

[1]A test method used by U.L. to determine a rate of burning and/or extent and time of burning of self-supporting plastics in a horizontal position (ASTM D 635-88, IEC 707-1981, ISO/DIS 1210.2).

[2]A test method used by UL. for measuring the comparative extinguishing characteristics of solid plastics in a vertical position (IEC 707-1981, ISO/DIS 1210.2).

Wet Locations

The strain-relief grips listed below are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

PRODUCT CATEGORY	TYPE
Deluxe Cord Grip	Aluminum fitting Nylon fitting Non-metallic

Types of Wire Mesh Safety Grips

PRODUCT GROUP	DESCRIPTION	MATERIAL
Pulling Grips	PJ Junior Duty	Galvanized steel wire
	PL Light Duty	Galvanized steel wire
	PM Medium Duty	Galvanized steel wire
	P Heavy Duty	Galvanized steel wire
	PS Heavy Duty swivel	Galvanized steel wire
	PR-MS Multi-Weave, Rotating Eye	Galvanized steel wire
	PF-MS Multi-Weave, Flexible Eye	Galvanized steel wire
	PHS High Strength	Galvanized steel wire
	SCK Slack, Offset Eye	Galvanized steel wire
	SSK Slack, Offset Eye	Galvanized steel wire
	SRK Slack, Offset Eye	Galvanized steel wire
Strain-Relief Grips	Connection Wire	Galvanized steel
	Wide Range (with Gasket)	Galvanized steel wire
	Deluxe Cord Grips	Stainless steel wire
	Liquid-Tight (metallic cond.)	Stainless steel wire
	Liquid-tight (Non-Metallic Cond.)	Stainless steel wire
	Nylon Cord Sealing Grips with Mesh	Nylon
Support Grips	Support Closed	Tinned bronze or stainless steel[1]
	Support Split with Lace	Tinned bronze or stainless steel[1]
	Support Split with Rod	Tinned bronze or stainless steel[1]
	Support Closed, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Support Split Lace, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Bus Drop Grips	Galvanized steel wire
	Safety Springs	Spring steel

[1]Stainless steel available on request. Contact your Leviton Representative.

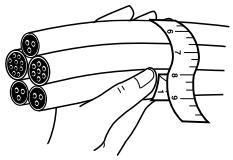
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Selecting Proper Sized Pulling and Support Grips

How to Select Proper Grip Size

Example: For five cables bundled together, each with a diameter of 0.42":

1) Locate “5 Cables” column.
2) Read down column to range (0.38"-0.48").
3) Read across line to Grip Diameter Range (1.00-1.25).



Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter. Use Selection Table 2 to determine the Grip Diameter Range for cables of different diameters bundled together. (Note: In this case, the bundle must be measured.) For your convenience, the Reference Tables provide approximate values for flexible cord and AWG or MCM wire.

Grip Selection Table for One or More Cables of Equal Diameter

1) Read across top line for number of cables in one grip.
2) Read down for diameter of each cable.
3) Read across line to Grip Diameter Range column

Table 1

Decimal and Fractional Inch Cable Diameters—for One or More Cables of Equal Diameter

1 CABLE		2 CABLES		3 CABLES		4 CABLES		GRIP DIAMETER RANGE
0.25–0.37	1/4–3/8	0.16–0.25	1/64–1/4	0.15–0.22	5/32–7/32	0.12–0.20	1/8–13/64	.250–.375
0.37–0.50	3/8–1/2	0.25–0.36	1/4–23/64	0.22–0.33	7/32–21/64	0.20–0.28	13/64–9/32	.375–0.50
0.50–0.62	1/2–5/8	0.27–0.36	17/64–23/64	0.26–0.33	17/64–21/64	0.24–0.28	15/64–9/32	0.50–0.75
0.62–0.75	5/8–3/4	0.36–0.45	23/64–29/64	0.33–0.36	21/64–23/64	0.28–0.31	9/32–5/16	0.62–0.75
0.75–1.00	3/4–1	0.45–0.60	29/64–39/64	0.36–0.49	23/64–31/64	0.31–0.42	5/16–27/64	0.75–1.00
1.00–1.25	1–1-1/4	0.60–0.76	39/64–49/64	0.49–0.63	31/64–5/8	0.42–0.54	27/64–35/64	1.00–1.25
1.25–1.50	1-1/4–1-1/2	0.76–0.91	49/64–29/32	0.63–0.76	5/8–49/64	0.54–0.65	35/64–21/32	1.25–1.50
1.50–1.75	1-1/2–1-3/4	0.91–1.08	29/32–1-5/64	0.76–0.89	49/64–57/64	0.65–0.77	21/32–49/64	1.50–1.75
1.75–2.00	1-3/4–2	1.08–1.23	1-5/64–1-15/64	0.89–1.02	57/64–1-1/64	0.77–0.88	49/64–7/8	1.75–2.00
2.00–2.50	2–2-1/2	1.23–1.54	1-15/64–1-35/64	1.02–1.28	1-1/64–1-9/32	0.88–1.00	7/8–1	2.00–2.50
2.50–3.00	2-1/2–3	1.54–1.84	1-35/64–1-27/32	1.28–1.53	1-9/32–1-17/32	1.10–1.32	1-3/32–1-21/64	2.50–3.00
3.00–3.50	3–3-1/2	1.84–2.15	1-27/32–2-5/32	1.53–1.79	1-17/32–1-51/64	1.32–1.54	1-21/64–1-35/64	3.00–3.50
3.50–4.00	3-1/2–4	2.15–2.45	2-5/32–2-29/64	1.79–2.05	1-51/64–2-3/64	1.54–1.76	1-35/64–1-49/64	3.50–4.00

Decimal and Fractional Inch Cable Diameters—for One or More Cables of Equal Diameter

5 CABLES		6 & 7 CABLES		8 CABLES		9 CABLES		GRIP DIAMETER RANGE
0.11–0.14	7/64–9/64	0.10–0.11	3/32–7/64	0.09–0.10	3/32–7/64	0.06–0.09	1/16–3/32	.250–.375
0.14–0.25	9/64–1/4	0.11–0.25	7/64–1/4	0.10–0.20	7/64–13/64	0.09–0.19	3/32–3/16	.375–0.50
0.21–0.25	7/32–1/4	0.19–0.22	3/16–7/32	0.17–0.20	11/64–13/64	0.15–0.19	5/32–3/16	0.50–0.75
0.25–0.29	1/4–19/64	0.22–0.26	7/32–17/64	0.20–0.23	13/64–15/64	0.19–0.22	3/16–7/32	0.62–0.75
0.29–0.38	19/64–3/8	0.26–0.34	17/64–11/32	0.23–0.31	15/64–5/16	0.22–0.31	7/32–5/16	0.75–1.00
0.38–0.48	3/8–31/64	0.34–0.43	11/32–7/16	0.31–0.39	5/16–25/64	0.29–0.36	19/64–23/64	1.00–1.25
0.48–0.58	31/64–37/64	0.43–0.52	7/16–33/64	0.39–0.46	25/64–15/32	0.36–0.43	23/64–7/16	1.25–1.50
0.58–0.67	37/64–43/64	0.52–0.60	33/64–39/64	0.46–0.54	15/32–35/64	0.43–0.49	7/16–31/64	1.50–1.75
0.67–0.77	43/64–49/64	0.60–0.69	39/64–11/16	0.54–0.62	35/64–5/8	0.49–0.57	31/64–37/64	1.75–2.00
0.77–0.96	49/64–31/32	0.69–0.86	11/16–55/64	0.62–0.77	5/8–49/64	0.57–0.72	37/64–23/32	2.00–2.50
0.96–1.16	31/32–1-5/32	0.86–1.03	55/64–1-1/32	0.77–0.93	49/64–15/16	0.72–0.86	23/32–55/64	2.50–3.00
1.16–1.35	1-5/32–1-23/64	1.03–1.20	1-1/32–1-13/64	0.93–1.08	15/16–1-5/64	0.86–1.00	55/64–1	3.00–3.50
1.35–1.54	1-23/64–1-35/64	1.20–1.37	1-13/64–1-3/8	1.08–1.24	1-5/64–1-15/64	1.00–1.14	1–1-9/64	3.50–4.00

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Selecting Proper Sized Pulling and Support Grips

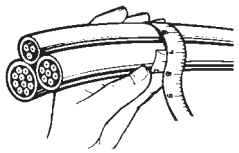
How to Select Proper Grip Size

Example:

For three different diameter cables bundled together with a measured circumference of 6.35",

1) Read down Inches (Decimal) column for 6.35" (6.29-7.86 in.).

2) Read across line to Grip Diameter Range (2.00-2.50).



Grip Selection Table for Cables of Different Diameters

Grip Circumference Range refers to the circumference of all cables held together.

1) 1. Determine Grip Circumference Range by measuring circumference of bundle of cables to be held (as shown in illustration).

2) Read down to locate correct range.

3) Read across line to Grip Diameter Range Column.

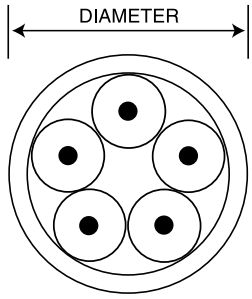
Table 2

Grip Circumference Range—for Cables of Different Diameter

INCHES (FRACTIONAL)	INCHES (DECIMAL)	GRIP DIAMETER RANGE
25/32–1 11/64	0.78–1.17	.250–.375
1 11/64–1 37/64	1.17–1.57	.375–0.50
1 37/64–1 15/16	1.57–1.94	0.50–.625
1 15/16–2 3/8	1.94–2.37	0.62–0.75
2 3/8–3 5/32	2.37–3.15	0.75–1.00
3 5/32–3 15/16	3.15–3.94	1.00–1.25
3 15/16–4 23/32	3.94–4.72	1.25–1.50
4 23/32–5 33/64	4.72–5.51	1.50–1.75
5 33/64–6 19/64	5.51–6.29	1.75–2.00
6 19/64–7 55/64	6.29–7.86	2.00–2.50
7 55/64–9 7/16	7.86–9.43	2.50–3.00
9 7/16–11 1/64	9.43–11.01	3.00–3.50
11 1/64–12 37/64	11.01–12.58	3.50–4.00

Reference Table Cord Diameters

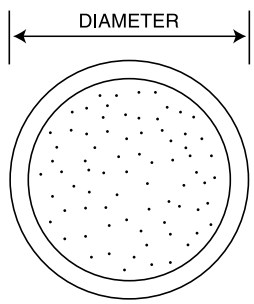
For your convenience, the following are nominal overall diameters (in inches) for flexible cord.



AT WIRE SIZE AND TYPE	CONDUCTORS 2	3	4	5
18 SO, STO	.36	.38	.41	.49
18 SJO, SJTO	.30	.32	.35	——
16 SO, STO	.39	.41	.44	.52
16 SJO, SJTO	.32	.34	.37	——
14 SO, STO	.52	.55	.59	.67
12 SO, STO	.60	.62	.68	.74
10 SO, STO	.65	.69	.74	.80
8 SO, STO	.83	.88	.99	1.08
6 SO, STO	.99	1.04	1.12	1.25

Reference Table AWG or MCM Diameters

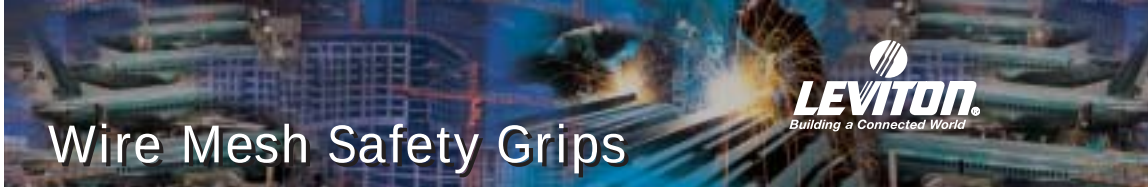
This table is to be used as a guide only. Sizes may vary by manufacturer.



AWG OR MCM	APPROX. DIA. (INCHES) THHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595

AWG OR MCM	APPROX. DIA. (INCHES) THHN	THW
3/0	.588647	
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.03
600	1.06	1.14
700	1.13	1.21
750	1.16	1.25
1000	1.32	1.40

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Selecting Proper Sized Pulling and Support Grips

Strength Information

The approximate breaking strength of any Leviton Wire Mesh Safety Grip is based on working load information established by our engineering laboratories. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameter, gripping surface, number of items gripped, tension, movement, attachments, abrasion, corrosion, prior use and abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

For specific applications where strength and holding power are important, consult Leviton's Technical Services Department. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and by 10 for support grips. Leviton maintains a 6 Sigma Safety Factor for this recommended working load (using average break strengths obtained on new grips under lab test conditions).

Example: For pulling grips—33,000 ÷ 5 = 6,600 lbs. which is the workload factor.

Example: For support grips—10,080 ÷ 10 = 1,008 lbs. which is the workload factor.

All warranties concerning product quality or performance are based on wire mesh safety grips that are properly stored and handled by the user, and grips that are maintained and inspected at a proper frequency in keeping with their use and condition.

Grip Cable Range—Fraction–Decimal–Millimeter Conversion

INCHES (FRACTIONAL)	INCHES (DECIMAL)	METRIC (mm)
1/4–23/64	0.25–0.36	6.35–9.13
3/8–31/64	0.37–0.49	9.52–12.30
1/2–39/64	0.50–0.61	12.70–15.48
5/8–47/64	0.62–0.74	15.88–18.65
3/4–63/64	0.75–0.99	19.05–25.00
1–1 15/64	1.00–1.24	25.40–31.35
1 1/4–1 31/64	1.25–1.49	31.75–37.70
1 1/2–1 63/64	1.50–1.99	38.10–50.40
2–2 31/64	2.00–2.49	50.80–63.10
2-1/2–2 63/64	2.50–2.99	63.50–75.80
3–3 31/64	3.00–3.49	76.20–88.50
3 1/2–3 63/64	3.50–3.99	88.90–101.20

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Pulling Grips

Leviton Pulling Grips are reusable tools for pulling bare conductors, insulated wires, synthetic rope, wire rope, and fiber optic cable. These grips do not damage the cable, as the tension remains uniform throughout the length of the grip. The mesh responds to fit either a single cable or a bundle of cables.

Leviton Pulling Grips may be used for pulling cable on overhead or underground applications, for stringing service or communication lines into factories, for pulling wire through conduit, and for underground electrical pulls.

Leviton Pulling Grips are woven in galvanized steel for greater strength and longer life. Leviton also offers Pulling Kits in the P, PJ, PL, PM, and PS Series. These kits come in a vinyl mat with pockets that can be rolled and tied.

Pulling Grip Eye Options

DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Bale Eye—Medium Duty, Single/Double Weave	PM	Q8	**Bale Eye** Attachment flexes to follow line of pull with plastic tubing on bale.
Bale Eye—Medium and Heavy Duty, Single/Double Weave	P	Q9	

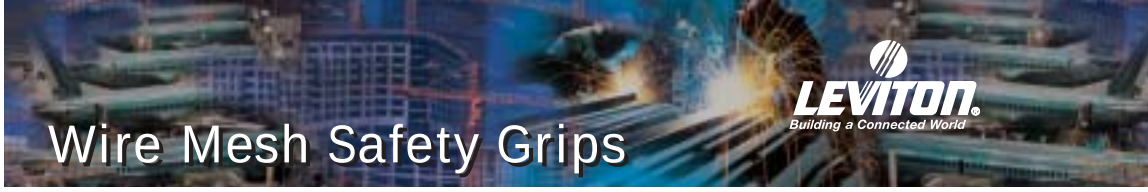
DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Flexible Eye—Junior Duty, Single Weave	PJ	Q7	
Flexible Eye—Light Duty, Single Weave	PL	Q7	**Flexible Rope Eye** bale has no plastic tubing for better flexability.
Flexible Eye—for Fiber Optic, Multi-Weave	PF	Q8	
Flexible Eye—High Duty, Multi-Weave	PHS	Q12	

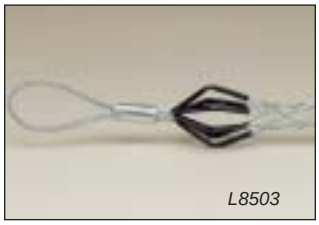
DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Slack Grips, Closed Mesh, Double Weave	SCK	Q13	**Offset Flexible Eye** For easy attachment of the pulling line.
Slack Grips, Split Lace Mesh, Double Weave	SSK	Q13	
Slack Grips, Split Rod Mesh, Single Weave	SRK	Q13	

DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Rotating Eye—Heavy Duty, Double Weave	PS	Q10	**Rotating Eye** For use in changing wire rope in large cranes and derricks.
Rotating Eye—Heavy Duty, Multi-Weave	PR	Q11	

Note: To determine workload safety factor, divide approximate break strength by 5.
See page Q5 for strength information

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com




L8503

PJ Junior Duty Series Grips are indispensable tools for electricians with small job requirements. They are used to connect insulated wire bundles to pulling tape or to pull wire rope through conduit.

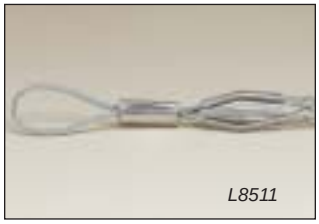
Pulling Grips—PJ Series S

Single Weave, Flexible Eye, Junior Duty

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8500	0.25–0.36	1,700	5
L8501	0.37–0.49	1,700	7
L8502	0.50–0.61	1,700	8
L8503	0.62–0.74	2,800	10
L8504	0.75–0.99	4,100	10
L8505	1.00–1.24	4,100	12

Single Weave, Flexible Eye, Junior Duty—KIt

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8510	**L8500**
	L8501
	L8502
	L8503
	L8504
	L8505


L8511

PL Light Duty Grips are the most economical pulling grips for many applications, such as industrial plant wiring, rewiring, and underground electrical pulls.

Pulling Grips—PL Series S

Single Weave, Flexible Rope Eye, Light Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8511	0.50–0.61	3,400	12
L8512	0.62–0.74	4,100	14
L8513	0.75–0.99	4,100	14
L8514	1.00–1.24	5,800	16.5
L8515	1.25–1.49	5,800	17
L8516	1.50–1.74	7,500	20
L8517	1.75–1.99	10,000	23
L8518	2.00–2.49	10,000	23
L8519	2.50–2.99	13,000	23

Single Weave, Flexible Rope Eye, Light Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8523	0.50–0.61	3,400	16
L8524	0.62–0.74	4,100	16
L8525	0.75–0.99	4,100	20
L8526	1.00–1.24	7,500	20
L8527	1.25–1.49	7,500	22
L8528	1.50–1.99	7,500	25
L8529	2.00–2.49	10,000	26
L8530	2.50–2.9	13,000	28
L8531	3.00–3.49	16,200	30
L8532	3.50–3.99	19,400	32

Single Weave, Flexible Rope Eye, Light Duty, Medium—KIt

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8540	**L8525**
	L8526
	L8528
	L8529

*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pulling Grips—PM Series S

Single/Double Weave, Bale Eye, Medium Duty

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8541	0.37–0.49	2,500	12
L8542	0.50–0.74	3,400	14
L8543	0.75–0.99	5,500	18
L8544	1.00–1.24	8,100	22
L8545	1.25–1.49	8,100	24
L8546	1.50–1.99	8,100	26

Single/Double Weave, Bale Eye, Medium Duty—KIt

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8550	**L8541**
	L8542
	L8543
	L8544
	L8545
	L8546

Single/Double Weave Pulling Grips are ideal for longer pull applications.

Pulling Grips—Fiber Optic PF Series S

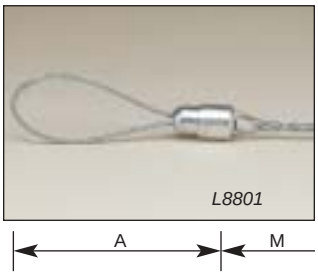
Fiber Optic Pulling Grips are used for installation of fiber optic communication lines. They easily install on cables and are reusable. Applications include underground, overhead, through-conduit and/or enclosure type pulls.

Leviton fiber optic pulling grips are two-in-one reusable grips: the same tool features both a flexible eye and a swivel eye. The rounded, flexible eye attaches easily to pulling lines, and allows smoother passage through tight spaces than needle-eye designs.

Flexible/Swivel Eye Fiber Optic Grips Multi Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	MESH (DIM. M)	NOSE DIA.
L8801	.10–.20	1,000	4.75	9	.8
L8802	.21–.35	1,500	4.75	14	.8
L8803	.35–.48	2,200	5.00	18	.9
L8804	.42–.61	2,800	5.00	21	.9
L8805	.53–.74	3,300	5.00	24	1.2
L8806	.64–.87	4,700	5.00	27	1.2

*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.



Fiber Optic Grips are made to pull delicate communication and data lines that have a much smaller cable diameter.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pulling Grips—P Series S

Leviton's *P Series* is recommended for heavy or rugged applications, and is ideally suited for overhead and underground installations. They are offered in short, standard or long mesh lengths.

Single/Double Weave, Bale Eye, Medium Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	EYE SIZE (INCHES)
L8551	0.50–0.61	0.55	4,500	8	21	7/32
L8552	0.62–0.74	0.68	5,600	8	24	1/4
L8553	0.75–0.99	0.87	6,800	8	24	1/4
L8554	1.00–1.49	1.25	9,600	9	24	5/16
L8555	1.50–1.99	1.75	16,400	11	24	7/16
L8556	2.00–2.49	2.25	18,500	12	24	7/16
L8557	2.50–2.99	2.75	24,500	12	24	1/2
L8558	3.00–3.49	3.25	24,500	14	24	1/2
L8559	3.50–3.99	3.75	31,000	14	26	5/8

Single/Double Weave, Bale Eye, Medium Duty, Standard

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	EYE SIZE (INCHES)
L8563	0.75–0.99	0.87	6,800	9	36	1/4
L8564	1.00–1.49	1.25	9,600	9	36	5/16
L8565	1.50–1.99	1.75	16,400	11	36	7/16
L8566	2.00–2.49	2.25	18,500	12	36	7/16
L8567	2.50–2.9	2.75	24,500	12	36	1/2
L8568	3.00–3.49	3.25	24,500	14	36	1/2
L8569	3.50–3.99	3.75	31,000	14	40	5/8

Single/Double Weave, Bale Eye, Medium Duty, Standard—KIt

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8560	**L8563**
	L8564
	L8565
	L8566

Single/Double Weave, Bale Eye, Heavy Duty, Long

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	MESH DIM. M (INCHES)
L8572	0.75–0.99	0.87	8,100	48
L8573	1.00–1.49	1.25	11,600	48
L8574	1.50–1.99	1.75	19,400	48
L8575	2.00–2.49	2.25	19,400	48
L8576	2.50–2.99	2.75	25,900	48
L8577	3.00–3.49	3.25	25,900	48
L8578	3.50–3.99	3.75	32,400	48

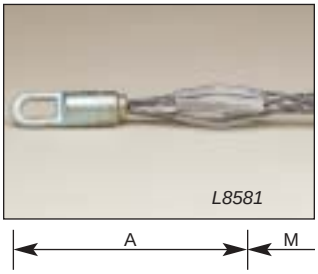
Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.
*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pulling Grips—PS Series S

PS Series grips feature a double weave of galvanized steel strands for greater strength and added mesh contact with the cable. Leviton Double Weave Pulling Grips are designed to handle longer or heavier pulling jobs such as installation of underground cables, communication lines, and service lines.

Double Weave Pulling Grips have a forged steel compact rotating eye which can be attached to a swivel.



Double Weave, Rotating Eye, Heavy Duty, Short

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	EYE SIZE (INCHES)
L8581	0.50–0.61	0.55	5,600	5	11	7/8
L8582	0.62–0.74	0.68	6,800	5	11	7/8
L8583	0.75–0.99	0.87	9,600	6	20	1
L8584	1.00–1.24	1.12	16,400	7	20	1-3/8
L8585	1.25–1.49	1.37	16,400	7	21	1-3/8
L8586	1.50–1.99	1.74	27,200	7	25	1-5/8
L8587	2.00–2.49	2.24	33,000	8	26	1-7/8
L8588	2.50–2.99	2.74	41,000	10	28	1-7/8
L8589	3.00–3.49	3.24	48,000	10	30	1-7/8
L8591	3.50–3.99	3.74	48,000	10	32	1-7/8
L8592	4.00–4.49	4.24	48,000	10	33	1-7/8

Double Weave, Rotating Eye, Heavy Duty, Standard

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	EYE SIZE (INCHES)
L8601	0.50–0.61	0.55	5,600	5	16	7/8
L8602	0.62–0.74	0.68	6,800	5	16	7/8
L8603	0.75–0.99	0.87	9,600	6	32	1
L8604	1.00–1.49	1.12	16,400	7	33	1-3/8
L8605	1.50–1.99	1.74	16,400	7	34	1-3/8
L8606	2.00–2.49	2.24	27,200	9	36	1-5/8
L8607	2.50–2.99	2.74	33,000	10	38	1-7/8
L8608	3.00–3.49	3.24	41,000	10	39	1-7/8
L8609	3.50–3.99	3.74	48,000	10	41	1-7/8
L8611	4.00–4.49	4.24	48,000	10	42	1-7/8
L8612	4.50–4.99	4.74	48,000	10	58	1-7/8
L8613	5.00–5.99	5.49	48,000	10	60	1-7/8
L8614	6.00–6.99	6.49	48,000	10	66	1-7/8

Double Weave, Rotating Eye, Heavy Duty, Standard—Kit

KIT CAT. NO.	KIT INCLUDES ONE EACH OF CAT. NO.
L8600	**L8603**
	L8604
	L8605
	L8606

Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.
*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Pulling Grips—Multi-Weave Grips PR Series S

Leviton *Multi-Weave Pulling Grips* are constructed of high strength galvanized steel strands and are designed for pulling aluminum or copper bare conductor, wire rope and insulated cables. These grips are used in applications such as distribution line stringing and overhead transmission.

Multi-Weave Pulling Grips are available with a flexible or rotating eye which can be attached to a swivel. The forged steel flexible eye will thread through sheaves and blocks without binding, but is not a swivel and will not turn under tension. The rotating eye can turn to relieve pulling torque when tension is relaxed.

Multi-Weave, Rotating Eye

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	COLOR CODE	EYE SIZE (INCHES)
L8621	0.25–0.49	3/8	6,800	5	26	Dk. Green	7/8
L8622	0.50–0.74	5/8	10,000	6	32	Brown	1
L8623	0.75–0.99	7/8	14,400	6	41	Lt. Blue	1
L8624	1.00–1.24	1-1/8	24,600	8	52	Gold	1-3/8
L8625	1.25–1.49	1-3/8	30,600	8	56	Black	1-5/8
L8626	1.50–1.74	1-5/8	30,600	9	60	Red	1-7/8
L8627	1.75–1.99	2	48,000	10	70	Dk. Blue	1-7/8
L8628	2.00–2.49	2-1/4	48,000	10	50	Yellow	1-7/8
L8629	2.50–2.99	2-3/4	48,000	10	52	Orange	1-7/8
L8631	3.00–3.49	3-1/4	48,000	10	54	Alum.	1-7/8
L8632	3.50–3.99	3-3/4	48,000	10	56	Lt. Green	1-7/8

Pulling Grips—Multi-Weave Grips PR Series S

Multi-Weave, Flexible Eye

CAT. NO.	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)	COLOR CODE	EYE SIZE (INCHES)
L8641	0.25–0.49	3/8	6,800	9	26	Dk. Green	1/4
L8642	0.50–0.74	5/8	10,000	9	32	Brown	5/16
L8643	0.75–0.99	7/8	14,400	11	41	Lt. Blue	3/8
L8644	1.00–1.24	1-1/8	24,600	12	52	Gold	1/2
L8645	1.25–1.49	1-3/8	30,600	12	56	Black	1/2
L8646	1.50–1.74	1-5/8	30,600	12	60	Red	1/2
L8647	1.75–1.99	2	48,000	15	70	Dk. Blue	5/8
L8648	2.00–2.49	2-1/4	48,000	18	50	Yellow	5/8
L8649	2.50–2.99	2-3/4	48,000	18	52	Orange	5/8
L8651	3.00–3.49	3-1/4	48,000	18	54	Alum.	5/8
L8652	3.50–3.99	3-3/4	48,000	18	56	Lt. Green	5/8

Note: It is recommended that a swivel be used for release of torque during a pull. Use a connecting link when a swivel is not needed. Do not run grips or swivels over bullwheels while under tension. Do not use Multi-Weave for pulling rope. When higher loads are required, use Leviton's high strength-style pulling grips. See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.

*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

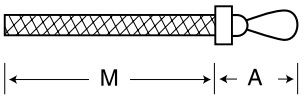
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Pulling Grips—High Strength Grips PHS Series S

High Strength Pulling Grips are designed for situations where load and safety considerations require an extra high strength grip. They are most commonly used for attaching pulling lines to conductors, conductors to running boards, and conductor-to-conductor connections. These grips can be used for pulling bare or insulated conductor, wire rope or synthetic rope.

A feed tube is used when assembling synthetic rope[1] into the High Strength Pulling Grip and is required on the two largest grip sizes.



Multi-weave Flexible Eye

CAT. NO.	GRIP RANGE O. D. (INCHES)		APPROX. BREAK STRENGTH*	LENGTH (INCHES)		COLOR CODE	FLEXIBLE EYE SIZE (INCHES)
	ROPE[1]	CONDUCTOR		BALE (DIM. A)	MESH (DIM. M)		
L8660	0.25–0.65	0.19–0.37	6,500	10	24	Black	.218
L8661	0.50–0.90	0.38–0.62	14,000	13	26	Dk. Green	.375
L8662	0.75–1.10	0.63–0.87	20,000	14	48	Red	.437
L8663	1.00–1.50	0.88–1.12	30,600	15	60	Dk. Blue	.500
L8664	1.25–1.70	1.13–1.37	46,800	18	76	Yellow	.625
L8665	1.50–2.10	1.38–1.90	66,500	24	89	Alum.	.750

[1]For rope, select smallest size grip which meets required workload.

*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

Recommended Rope Assembly Using High Strength Feed Tube

1) Insert feed tube into High Strength Pulling Grip.

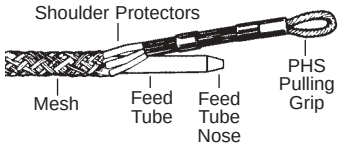
2) Insert rope end fully into feed tube.

3).Hold rope in feed tube by pinning rope to the ground with end of tube. Pull mesh down onto feed so feed tube nose is protruding through shoulder protectors as shown.

4) .Push mesh to end of feed tube and pull feed tube through mesh. When tube is pulled, the mesh gripping action will hold rope in place.

5) Position rope so that its end is inside the shoulder protectors. Remove slack from mesh by smoothing mesh tight to rope.

6) Apply clamps to mesh end.



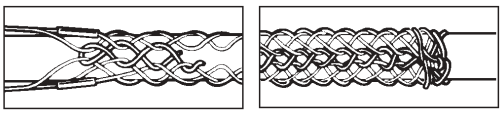
Split-Lace/Split-Rod Attachments (for use where end of cable is not accessible—applies to slack grips only)

Beginning at the end of the grip closest to the bale fitting, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross the laces and thread them through the next two loops, and so on down the grip, being careful not to pull the lacing too tight.

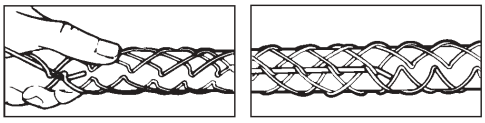
Spacing of the laced closure should be approximately the same as the mesh weave. When the end of grip is reached, twist the lacing strands tightly together, wrapping the ends of the lace around the grip, and twisting again to secure. Excess length may be cut off.

Split grips with rod closing are economical, since they are quickly installed, and are reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out, and the grip is ready for re-use.

Split-Lace



Split-Rod

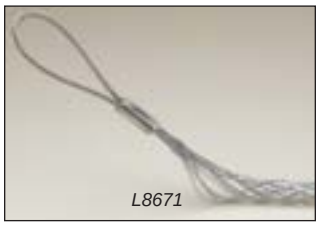


Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Pulling Grips—Slack Grips

Slack Grips are reusable grips used for pulling slack in underground cable preparatory to final placement. They may also be used for cable removal. Slack Grips feature an offset eye for easy attachment to the pulling line. See attachment information for split lace and split rod on page Q12.


L8671

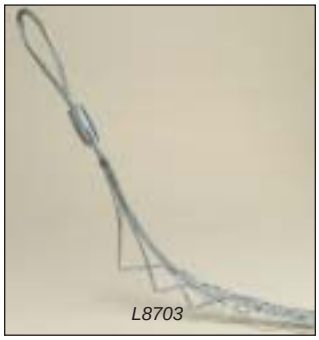
Pulling Grips—Slack Grips SCK Series S

Closed Mesh, Double Weave, Offset Eye, Heavy Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8671	0.75–0.99	3,000	13
L8672	1.00–1.24	4,200	16
L8673	1.25–1.49	5,500	17
L8674	1.50–1.74	7,400	18
L8675	1.75–1.99	11,000	19
L8676	2.00–2.49	11,000	20
L8677	2.50–2.99	11,000	21
L8678	3.00–3.49	16,000	22
L8679	3.50–3.99	16,000	23

Closed Mesh, Double Weave, Offset Eye, Heavy Duty, Long

L8681	0.75–0.99	3,000	21
L8682	1.00–1.24	5,500	21
L8683	1.25–1.49	5,500	24
L8684	1.50–1.99	7,400	26
L8685	2.00–2.49	11,000	27
L8686	2.50–2.99	11,000	30
L8687	3.00–3.49	16,000	33
L8688	3.50–3.99	16,000	36


L8703

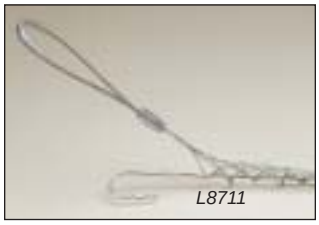
Pulling Grips—Slack Grips SSK Series S

Split Lace, Double Weave, Offset Eye, Heavy Duty, Medium

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
L8691	0.75–0.99	3,000	13
L8692	1.00–1.24	4,100	16
L8693	1.25–1.49	4,100	17
L8694	1.50–1.74	5,500	18
L8695	1.75–1.99	7,300	19
L8696	2.00–2.49	7,300	20
L8697	2.50–2.99	7,300	21
L8698	3.00–3.49	9,200	22
L8699	3.50–3.99	11,000	23

Split Lace, Double Weave, Offset Eye, Heavy Duty, Long

L8701	0.75–0.99	3,000	21
L8702	1.00–1.24	4,100	21
L8703	1.25–1.49	4,100	24
L8704	1.50–1.99	5,500	25
L8705	2.00–2.49	7,300	27
L8706	2.50–2.99	7,300	30
L8707	3.00–3.49	9,200	33
L8708	3.50–3.99	11,000	36


L8711

Pulling Grips—Slack Grips SRK Series S

Split Rod, Single Weave, Offset Eye, Heavy Duty, Medium

L8711	0.50–0.61	1,800	7
L8712	0.62–0.74	1,900	9
L8713	0.75–0.99	3,000	11
L8714	1.00–1.24	4,100	12
L8715	1.25–1.49	5,700	14
L8716	1.50–1.74	5,800	16
L8717	1.75–1.99	7,700	17
L8718	2.00–2.49	9,300	20
L8719	2.50–2.99	11,300	21
L8721	3.00–3.49	15,100	22
L8722	3.50–3.99	15,100	25

*To determine workload safety factor, divide approximate break strength by 5. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Strain-Relief Grips

Strain-Relief Grips are used to connect cord or cable to electrical enclosures and equipment. These grips prevent pullout due to tension and limit the arc of bend at the point of entry; strain is distributed over the length of mesh rather than concentrated at one point or transferred to the internal termination.

Wide-Range Grips U* R*

Wide-Range Grips are recommended for use in wiring of enclosures, power boxes, machine tools, and power centers. They include an insulated bushing (dust-tight).

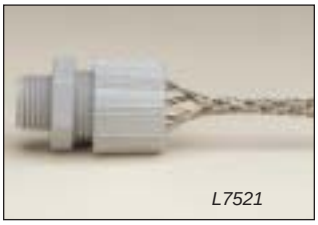
L7504

Single Weave Galvanized Steel Mesh

CAT. NO.	CABLE DIA. RANGE (INCHES)	NPT SIZE (INCHES)	MESH LENGTH @ NOMINAL DIA. (INCHES)	MINIMUM DISTANCE BETWEEN GRIPS (INCHES)
L7501	0.22–0.32	1/2	4	1-1/4
L7502	0.30–0.43	1/2	4-1/2	1-1/4
L7503	0.40–0.54	1/2	5-1/2	1-1/4
L7504	0.52–0.73	3/4	5-1/2	1-1/2
L7505	0.70–0.97	1	8	1-7/8
L7506	0.94–1.25	1-1/4	9	2-3/8
L7507	1.20–1.50	1-1/2	11	2-5/8
L7508	1.40–1.75	2	13	3-1/4
L7509	1.62–2.00	2-1/2	13-1/2	3-5/8
L7511	2.00–2.45	2-1/2	13-1/2	3-5/8

Cord Sealing Grips U* R*

Cord Sealing Grips with Mesh are nylon devices used to connect electrical cables to boxes, cabinets, pushbuttons, enclosures, etc. They are liquid-tight devices that are highly resistant to impact and corrosion. Non-metallic cord sealing grips will not support combustion. The ratings are: Wire Mesh Grip-94 HB and Fitting-94V-2. Cord Sealing Grip products are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.


L7521

Straight—SS mesh

Nylon Cord Sealing Grips with Mesh—Straight and 90°

CAT. NOS. STAINLESS STEEL MESH STRAIGHT	90°	NON-METALLIC MESH STRAIGHT	90°	CABLE DIA. RANGE (INCHES)	NPT (FORM SIZE)
L7521	**L7523**	**L7522**	**L7524**	.187–.250	
———	**L7527**	———	**L7528**	.250–.312	
———	**L7532**	———	**L7533**	.312–.375	1/2"
———	**L7536**	———	———	.375–.437	(F2)
L7538	**L7541**	**L7539**	**L7542**	.437–.500	
L7543[1]	**L7544**[1]	———	———	.500–.562	
L7545[1]	**L7546**[1]	———	———	.562–.625	
L7601	**L7603**	**L7602**	**L7604**	.187–.250	
L7605	**L7607**	———	**L7608**	.250–.375	
———	**L7612**	———	**L7613**	.375–.437	
———	**L7549**	———	**L7551**	.437–.562	3/4"
L7552	**L7554**	**L7553**	**L7555**	.500–.625	(F3)
L7556	**L7558**	———	**L7559**	.562–.687	
L7561	**L7563**	**L7562**	———	.625–.750	
L7565[1]	**L7566**[1]	———	———	.687–.812	
L7567		**L7568**	**L7569**	.437–.562	
———	**L7573**	———	**L7574**	.500–.625	
———	**L7577**	———	**L7578**	.562–.687	
———	**L7582**	———	**L7583**	.625–.750	1"
L7584	**L7586**	———	**L7587**	.687–.812	(F4)
L7588	**L7591**	———	**L7592**	.750–.875	
	L7595	**L7594**	**L7596**	.812–.937	
L7597	**L7599**	**L7598**	———	.875–1.000	
———	———	———	———	1.000–1.100	

[1]Cable jacket may have to be stripped for clearance. NOTE: F2, F3 and F4 are fitting form sizes.
*Cord Sealing Grips with non-metallic mesh are UL Listed and CSA Certified. Cord Sealing Grips with stainless steel mesh are CSA Certified only.

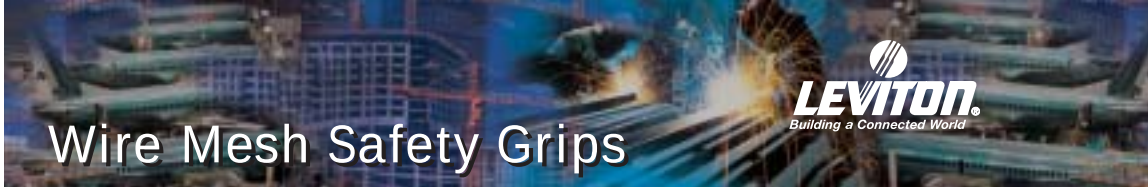
L7527

90°—SS mesh

L7553

Straight—nylon mesh

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

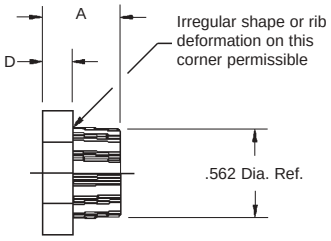


Strain-Relief Grips—Dimensions

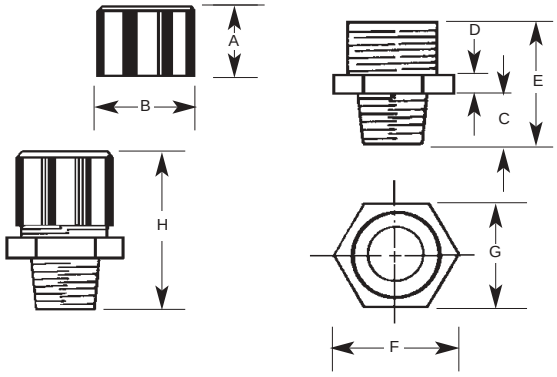
Dimensions for Nylon Cord-Sealing Fittings, Straight Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
0	1/4"	.500	.778	.370	.187	.921	.778	.687	1.25
1	3/8"	1.000	1.150	.500	.250	1.250	1.115	1.000	1.85
2	1/2"	1.000	1.300	.500	.300	1.450	1.250	1.100	2.00
3	3/4"	1.000	1.500	.550	.375	1.700	1.578	1.375	2.00
4	1"	1.000	1.850	.687	.375	1.800	1.900	1.650	2.12
5	1-1/4"	1.000	2.050	.687	.375	1.800	2.100	1.850	2.12

Form 0

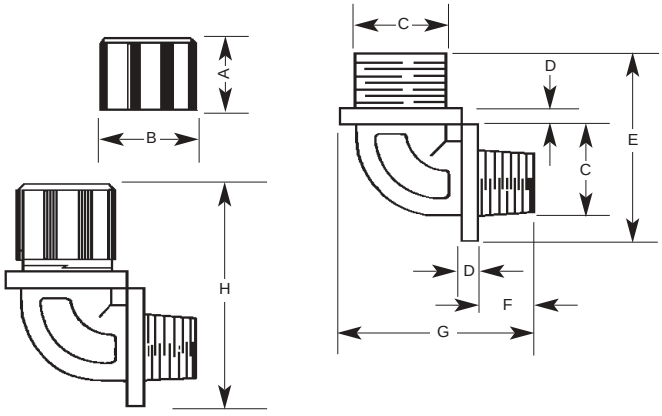


Forms 1–5



Dimensions for Nylon Cord-Sealing Fittings, 90° Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
1	3/8"	1.000	1.150	1.100	.187	1.812	.450	1.687	2.35
2	1/2"	1.000	1.300	1.165	.187	1.900	.578	1.820	2.40
3	3/4"	1.000	1.500	1.600	.187	2.421	.593	2.218	2.75
4	1"	1.000	1.850	1.850	.187	2.656	.800	2.700	3.00
5	1 1/4"	1.000	2.050	1.965	.187	2.859	.750	2.812	3.25



To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Deluxe Cord Grips U R

Deluxe Cord Grips are woven of stainless steel mesh with an anodized aluminum body for corrosion resistance. They are offered in Single/Double Weave construction to help absorb direct pull, resist flexing and binding, and eliminate strain. Aluminum fittings are offered in a variety of NPT thread sizes. They are recommended for indoor or outdoor use where moisture may be present in the wiring of pendant stations, processing equipment, hand tools, and extension cord sets. They are UL Listed and CSA Certified. Deluxe Cord Grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 and 2; and Class III, Div. 1 and 2. They are also suitable for use in wet locations as long as a listed sealing ring is used between the box and the fitting.

Single/Double Weave

CAT. NOS. STRAIGHT MALE	90° MALE	45° MALE	STRAIGHT FEMALE	CABLE. DIA. RANGE (INCHES)	NPT SIZE
L7701	—	—	—	.187–.250	
L7702	—	—	**L7821**	.250–.312	
L7703	—	—	**L7822**	.312–.375	3/8"
L7704	—	—	**L7823**	.375–.437	
L7705	**L7761**	**L7801**	**L7824**	.187–.250	
L7706	—	**L7802**	—	.250–.375	
L7707	**L7763**	**L7803**	**L7826**	.375–.500	1/2"
L7708	**L7764**	**L7804**	**L7827**	.500–.625	
L7709	—	—	—	.625–.750	
L7711	**L7765**	**L7805**	**L7828**	.250–.375	
L7712	—	**L7806**	**L7829**	.375–.500	
L7700	**L7767**	**L7807**	**L7831**	.500–.625	3/4"
L7713	**L7768**	**L7808**	**L7832**	.625–.750	
L7714	—	—	—	.750–.875	
L7715	**L7769**			.437–.562	
L7716	—	**L7809**	**L7833**	.562–.687	
L7717	**L7772**	**L7811**	**L7834**	.625–.750	1"
L7718	—	—	**L7835**	.750–.875	
L7719	—	—	**L7836**	.875–1.000	
L7721	—	—	—	1.000–1.125	
L7722	—	—	—	1.125–1.250	
L7723	**L7775**	—	—	.750–.875	
L7724	—	—	—	.875–1.000	
L7725	—	**L7810**	—	1.000–1.125	1-1/4"
L7726	**L7778**		—	1.125–1.250	
L7727	—	**L7820**	—	1.250–1.375	
L7728	**L7781**	—	—	.750–.875	
L7729	**L7782**	—	—	.875–1.000	
L7731	**L7783**	—	—	1.000–1.125	1-1/2"
L7732	**L7784**	—	—	1.125–1.250	
L7733	**L7785**	—	—	1.250–1.375	
L8011	—	—	—	1.312–1.437	
L7770	—	—	—	1.437–1.562	
L7750	—	—	—	1.562–1.687	
L7760	—	—	—	1.687–1.812	
L7780	—	—	—	1.750–1.875	
L7734	**L7786**	—	—	1.250–1.375	
L7736	**L7788**	—	—	1.500–1.625	2"
L7737	**L7789**	—	—	1.625–1.750	
—	**L7791**	—	—	1.750–1.875	
L8012	—	—	—	1.812–1.937	
L8013	—	—	—	1.937–2.062	
L7720	—	—	—	2.062–2.187	
L7730	—	—	—	2.187–2.312	
L7739	—	—	—	1.688–1.812	
L7742	—	—	—	1.937–2.062	2-1/2"
L7744	—	—	—	2.187–2.312	
L7740	—	—	—	2.312–2.437	
L7745	—	—	—	1.750–1.875	
L7746	—	—	—	1.875–2.000	
L7747	—	—	—	2.000–2.125	
L7748	—	—	—	2.125–2.250	
L7749	—	—	—	2.187–2.312	3"
L7751	—	—	—	2.312–2.437	
L7752	—	—	—	2.437–2.625	
L7754	—	—	—	2.812–3.000	
L7755	—	—	—	3.000–3.250	

Straight—Male

90°—Male

45°—Male

Straight—Female

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Straight—Male

90°—Male

Straight—Female

90°—Male

Straight—Male

Liquid-Tight Grips U R

Liquid-Tight Grips are woven stainless steel mesh with an anodized aluminum body for corrosion-resistance. They are used to connect liquid-tight flexible metal conduit to electrical enclosures to prevent conduit pullout. Each fitting is supplied with an insulated throat to ensure conductor insulation and protect against damage caused by flexing, heat expansion or contraction.

Liquid-Tight Grips are recommended in the wiring of motors and any electrical enclosure where liquid-tight conduit is subject to motion or strain. UL Listed and CSA Certified.

Liquid-Tight Grips

CAT. NOS. STRAIGHT MALE	90° MALE	45° MALE	STRAIGHT FEMALE	FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
—	—	**L7931**	**L7951**	3/8	2-5/8
L7902	—	**L7932**	—	1/2	3-7/8
L7903	—	—	**L7953**	3/4	4-3/8
L7904	—	—	**L7954**	1	5-1/4
L7905	—	—	—	1-1/4	5-5/8
L7906	—	—	—	1-1/2	5-3/4
L7907	**L7922**	—	—	2	7-1/2
L7908	**L7923**	**L7938**	—	2-1/2	9-5/8
L7911	**L7924**	**L7939**	—	3	10-5/8
L7912	**L7925**	**L7941**	—	4	12

Liquid-Tight Grips for Non-Metallic Type "A" Flexible Conduit

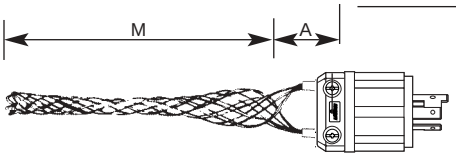
CAT. NOS. STRAIGHT MALE	90° MALE	FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
L7961	**L7999**	3/8	9
L7962	**L7990**	1/2	10
—	**L7967**	3/4	10-1/2
—	**L7968**	1	12
L7965	**L7969**	1-1/4	17
—	**L7971**	1-1/2	21-1/2
L7970	**L7972**	2	24

Connection Wire Mesh Grips S

Connection Wire Mesh Grips provide additional strain-relief for plugs and connectors used on portable equipment in commercial and institutional applications, and industrial plant and construction site areas which incur abnormally high abuse. Grips are made of galvanized steel.

Connection Wire Mesh Grips

CAT NO.	CABLE DIA. RANGE (INCHES)	EYE DIMENSIONS (A) (INCHES)	MESH LENGTH (M) (INCHES)
L8001	.30–.43	1-11/16	4-3/4
L8002	.40–.56	1-11/16	6
L8003	.52–.73	1-11/16	7
L8004	.70–.85	1-15/16	8-1/2
L8005	.82–1.00	1-15/16	8-1/2
L8006	.94–1.25	1-15/16	10-1/2



To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Support Grips

Support Grips are designed to hold the weight of cable on vertical or sloping runs. They may be used indoors or outdoors to support electrical and fiber optic cable, metal rods and tubing.

Leviton Support Grips are woven with tinned bronze wire. For applications requiring a greater degree of corrosion resistance, stainless steel wire is available on special order. For information regarding selection of the proper-sized support grip, see pages Q3 and Q4.

Style

SINGLE "U" EYE

For use when cable is vertical and for applications where cable bends or where a single attachment is more advantageous for positioning.

DOUBLE "U" EYE

For use when cable is vertical and extends through the grip without bending. Eyes may be fastened to open hooks, but should not be more than 15° from the axis of vertical cable. When eyes are supported equally, this attachment offers a fully balanced load.

OFFSET EYE

Similar to single eye applications, but for use when offset positioning is required.

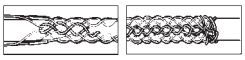
LOCKING (UNIVERSAL) BALE

Adjustable and self-locking, this attachment fits around a beam, pipe or other continuous structural object. The bale wraps around the object and is securely anchored in the bar.

Split Lace/Split Rod

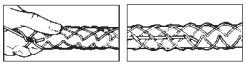
SPLIT LACE

Beginning at the lead end of the grip, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross laces and thread through the next two loops, and so on down the grip, being careful not to pull the lacing too tight. The spacing of the lace closure should be approximately the same as that of the mesh weave. When the end of grip is reached, twist the lacing strands tightly together; wrap the ends of the lace around the grip and twist again to secure. Excess length may be cut off.



SPLIT ROD

Split grips with rod closing install quickly and they are economical and reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out; and the grip is ready for re-use.

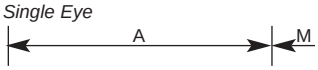


Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Support Grips—Standard Closed Mesh S

Standard Closed Mesh Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty closed mesh support grips are designed for loads in excess of 500 lbs. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Closed mesh support grips are used when the end of the cable is accessible. Mesh is made of tinned bronze material.

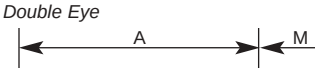
Single Eye



Single Eye, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9501	0.50–0.61	770	7	10
L9502	0.62–0.74	960	8	10
L9503	0.75–0.99	1,300	8	12
L9504	1.00–1.24	1,680	9	12
L9505	1.25–1.49	1,680	10	16
L9506	1.50–1.74	1,680	12	17
L9507	1.75–1.99	2,640	14	18
L9508	2.00–2.49	3,760	16	18
L9509	2.50–2.99	3,760	18	21
L9511	3.00–3.49	5,040	21	26
L9512	3.50–3.99	5,040	24	28

Double Eye



Double Eye, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9515	0.50–0.61	770	4	11
L9516	0.62–0.74	1,150	4	11
L9517	0.75–0.99	1,320	4	14
L9518	1.00–1.24	1,920	5	15
L9519	1.25–1.49	1,920	5	16
L9521	1.50–1.74	1,920	6	18
L9523	1.75–1.99	3,360	6	20
L9524	2.00–2.49	3,360	6	22
L9525	2.50–2.99	3,360	6	24
L9526	3.00–3.49	5,280	8	26
L9527	3.50–3.99	5,280	8	28

Offset Eye

Offset Eye, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9531	0.50–0.61	770	4	11
L9532	0.62–0.74	960	4	11
L9533	0.75–0.99	960	4	14
L9534	1.00–1.24	1,680	5	15
L9535	1.25–1.49	1,680	5	16
L9536	1.50–1.74	1,680	5	18
L9537	1.75–1.99	2,640	6	20
L9538	2.00–2.49	3,760	6	21
L9539	2.50–2.99	3,760	8	24
L9541	3.00–3.49	5,040	9	26
L9542	3.50–3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.
*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

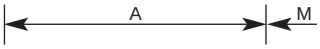
Support Grips—Standard Closed Mesh S

Locking Bale, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9551	0.50–0.61	770	11	10
L9552	0.62–0.74	1,150	11	10
L9553	0.75–0.99	1,320	14	12
L9554	1.00–1.24	1,920	15	12
L9555	1.25–1.49	1,920	16	13
L9556	1.50–1.74	1,920	18	17
L9557	1.75–1.99	3,150	20	18
L9558	2.00–2.49	3,360	21	18
L9559	2.50–2.99	3,360	24	21
L9561	3.00–3.49	5,280	26	23
L9562	3.50–3.99	5,280	28	23.5

*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Locking Bale



Support Grips—Heavy Duty S

Heavy Duty Support Grips handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".

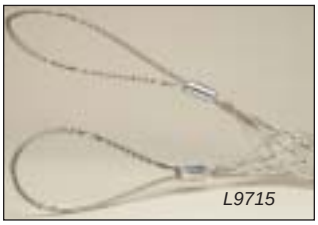
Single Eye, Double Weave, Heavy Long, Closed Mesh

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9701	0.75–0.99	2,700	10	26
L9702	1.00–1.24	4,720	10	29
L9703	1.25–1.49	4,720	10	31
L9704	1.50–1.99	4,720	10	35

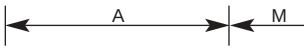
Double Eye, Double Weave, Heavy Long, Closed Mesh

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9711	0.75–0.99	2,700	10	26
L9712	1.00–1.25	4,720	10	29
L9713	1.25–1.49	4,720	10	31
L9714	1.50–1.99	4,720	10	35
L9715	2.00–2.49	10,080	10	37
L9716	2.50–2.99	10,080	10	39
L9717	3.00–3.49	10,080	10	41
L9718	3.50–3.99	13,120	10	45
L9719	4.00–4.49	13,120	10	47

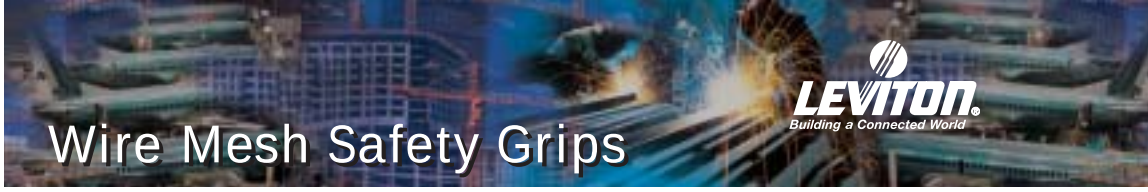
*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.



Double Eye



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Support Grips—Standard Split Lace S

Split Lace Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty split lace support grips are available on page Q22. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split lace grips are utilized when the end of the cable cannot be feasibly accessed and the support grip is intended for permanent installation. Mesh is made of tinned bronze material. For attachment information see page Q18.

Single Eye

Single Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9571	0.50–0.61	770	7	11
L9572	0.62–0.74	960	8	11
L9573	0.75–0.99	1,320	8	14
L9574	1.00–1.24	1,680	9	15
L9575	1.25–1.49	1,680	10	16
L9576	1.50–1.74	1,680	12	18
L9577	1.75–1.99	2,640	14	20
L9578	2.00–2.49	3,760	16	22
L9579	2.50–2.99	3,760	18	24
L9581	3.00–3.49	5,040	21	26
L9582	3.50–3.99	5,040	24	28

Double Eye

Double Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9585	0.50–0.61	770	4	11
L9586	0.62–0.74	1,150	4	11
L9587	0.75–0.99	1,320	4	14
L9588	1.00–1.24	1,920	5	15
L9589	1.25–1.49	1,920	5	16
L9591	1.50–1.74	1,920	5	18
L9592	1.75–1.99	3,150	6	20
L9593	2.00–2.49	3,360	6	22
L9594	2.50–2.99	3,360	6	24
L9595	3.00–3.49	5,280	8	26
L9596	3.50–3.99	5,280	8	28

Offset Eye

Offset Eye, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9601	0.50–0.61	770	4	11
L9602	0.62–0.74	960	4	11
L9603	0.75–0.99	960	4	14
L9604	1.00–1.24	1,680	5	15
L9605	1.25–1.49	1,680	5	16
L9606	1.50–1.74	1,680	5	18
L9607	1.75–1.99	2,640	8	20
L9608	2.00–2.49	3,760	8	22
L9609	2.50–2.99	3,760	8	24
L9611	3.00–3.49	5,040	9	26
L9612	3.50–3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.
*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

Support Grips—Standard Split Lace S

Locking Bale, Split Lace, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9621	0.50–0.61	770	18	11
L9622	0.62–0.74	1,150	18	11
L9623	0.75–0.99	1,320	18	14
L9624	1.00–1.24	1,920	18	15
L9625	1.25–1.49	1,920	18	16
L9626	1.50–1.74	1,920	18	18
L9627	1.75–1.99	3,150	18	20
L9628	2.00–2.49	3,360	18	22
L9629	2.50–2.99	3,360	18	24

*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Locking Bale

Support Grips—Heavy Duty Split Lace S

Heavy Duty Support Grips handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".

Single Eye, Double Weave, Heavy Long, Split Lace

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9722	0.75–0.99	2,700	10	26
L9723	1.00–1.24	4,720	10	29
L9724	1.25–1.49	4,720	10	31
L9725	1.50–1.99	4,720	10	35

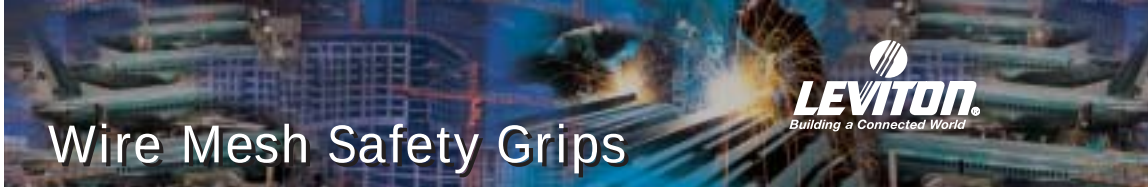
Double Eye, Double Weave, Heavy Long, Split Lace

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9731	0.75–0.99	2,700	10	26
L9732	1.00–1.24	4,720	10	29
L9733	1.25–1.49	4,720	10	31
L9734	1.50–1.99	4,720	10	35
L9735	2.00–2.49	10,080	10	37
L9736	2.50–2.99	10,080	10	39
L9737	3.00–3.49	10,080	10	41
L9738	3.50–3.99	13,120	10	45
L9739	4.00–4.49	13,120	10	47

*To determine workload safety factor, divide approximate break strength by 10. See page Q5s for strength information.

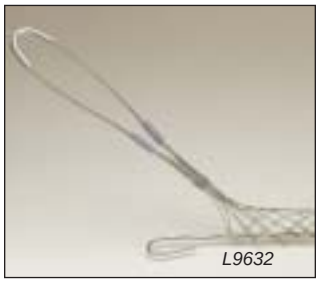
Double Eye

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Support Grips—Standard Split Rod S

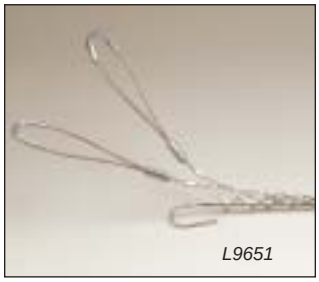
Split Rod Support Grips are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split rod support grips are utilized when the end of the cable cannot be feasibly accessed and the installation is temporary. For attachment information see page Q18.



Single Eye

Single Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9631	0.50–0.61	770	7	9
L9632	0.62–0.74	960	8	9
L9633	0.75–0.99	1,320	8	11
L9634	1.00–1.24	1,680	9	13
L9635	1.25–1.49	1,680	10	15
L9636	1.50–1.74	1,680	12	16
L9637	1.75–1.99	2,640	14	17
L9638	2.00–2.49	3,760	16	20
L9639	2.50–2.99	3,760	18	22
L9641	3.00–3.49	6,560	21	24
L9642	3.50–3.99	6,560	24	26



Double Eye

Double Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9651	0.50–0.61	770	4	9
L9652	0.62–0.74	1,150	4	9
L9653	0.75–0.99	1,320	4	11
L9654	1.00–1.24	1,920	5	13
L9655	1.25–1.49	1,920	5	15
L9656	1.50–1.74	1,920	5	16
L9657	1.75–1.99	3,150	6	17
L9658	2.00–2.49	3,360	6	20
L9659	2.50–2.99	3,360	6	22
L9661	3.00–3.49	7,520	8	24
L9662	3.50–3.99	7,520	8	26

Offset Eye

Offset Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9671	0.50–0.61	770	4	9
L9672	0.62–0.74	960	4	9
L9673	0.75–0.99	960	4	11
L9674	1.00–1.24	1,680	5	13
L9675	1.25–1.49	1,680	5	15
L9676	1.50–1.74	1,680	5	16
L9677	1.75–1.99	2,640	6	17
L9678	2.00–2.49	3,760	6	20
L9679	2.50–2.99	3,760	6	22
L9681	3.00–3.49	5,040	8	24
L9682	3.50–3.99	5,040	8	26

*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Mesh Safety Grips

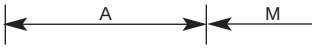
Support Grips—Standard Split Rod S

Locking Bale, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L9688	0.50–0.61	770	10	9
L9689	0.62–0.74	1,150	10	9
L9691	0.75–0.99	1,320	10	11
L9692	1.00–1.24	1,920	14	13
L9693	1.25–1.49	1,920	14	15
L9694	1.50–1.74	1,920	14	16
L9695	1.75–1.99	3,150	14	17
L9696	2.00–2.49	3,360	18	20
L9697	2.50–2.99	3,360	18	22
L9698	3.00–3.49	7,520	18	24
L9699	3.50–3.99	7,520	18	26

*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Locking Bale

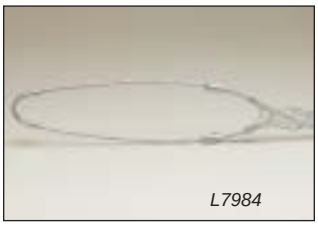


Support Grips—Bus-Drop S

Bus-Drop Grips are used as cable support. They relieve any direct tension from the critical connection and absorb vibration and flexing. Bus-Drop Grips are woven of galvanized steel wire. They are offered with either locking bale or single eye attachments.

Locking Bale & Single Eye

CAT. NOS. SINGLE "U" EYE	CAT. NOS. LOCKING BALE	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*
L7981	—	.220–.320	1,100
L7982	—	.300–.430	1,100
L7983	**L7992**	.410–.560	1,100
L7984	**L7993**	.530–.730	1,100
L7985	**L7994**	.700–.850	1,900
L7986	**L7995**	.820–1.00	1,900
L7987	—	.960–1.25	1,900



Single "U" Eye

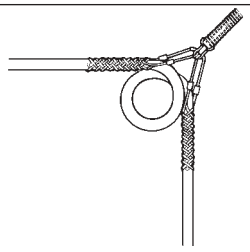
Locking Bale

Support Grips—Bus-Drop Accessories S

Safety Springs are used with Bus-Drop Grips to relieve sudden strains on the cable system. To use with single eye-type grips, disassemble drawbar from coil, place through the eye and replace the drawbar.

Safety Springs

DESCRIPTION	CAT. NO.	LENGTH (INCHES)
Zinc Plated Max. Load 40 Lbs.	**L7997**	7.50
Zinc Plated Max. Load 80 Lbs.	**L7998**	8.50

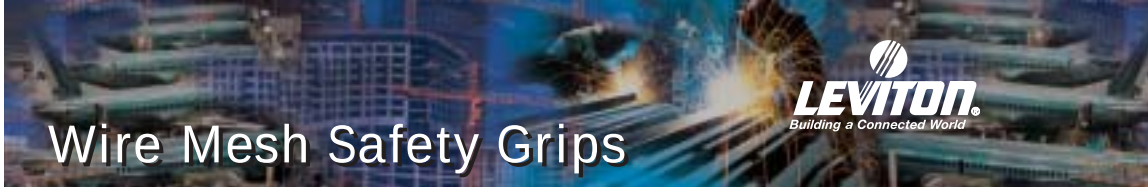


Safety Spring

Support Hook

DESCRIPTION	CAT. NO.
3/8" Right Hand Wood Screw, Zinc Plated 4-1/2" Long	**L7980**

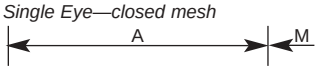
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Support Grips—Fiber Optic Grips S

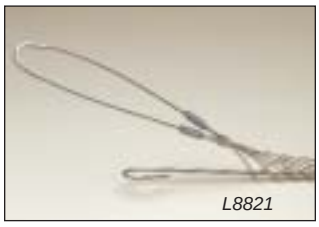
All Leviton *Fiber Optic Support Grips* are designed to wrap securely around fiber optic cable without damaging it. They are designed to reduce stress on cable in vertical, sloping, or horizontal positions. Single-eye or locking-bale style grips afford lasting support for a wide variety of applications where fiber optic cable is used.

Single Eye—closed mesh



Single Eye, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L8807	.18–.25	300	3	1.7
L8808	.23–.32	300	3	2.5
L8809	.30–.39	300	4	2.5
L8811	.37–.48	300	5	4
L8812	.46–.58	400	6	4
L8813	.56–.71	600	7	5.5
L8814	.69–.88	800	8	6

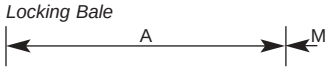


Single Eye—split rod

Single Eye, Split Rod, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L8815	.18–.25	300	3	2.5
L8816	.23–.32	300	3	2.5
L8817	.30–.39	300	4	2.5
L8818	.37–.48	300	5	4
L8819	.46–.58	400	6	5
L8821	.56–.71	600	7	5
L8822	.69–.88	800	8	6

Locking Bale



Locking Bale, Closed Mesh, Single Weave

CAT. NO.	CABLE DIA. RANGE (INCHES)	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM. A)	LENGTH (INCHES) MESH (DIM. M)
L8823	.18–.25	300	9	2.5
L8824	.23–.36	300	9	2
L8825	.30–.39	300	9	2.5
L8826	.37–.48	300	10	4
L8827	.46–.58	400	10	4
L8828	.56–.71	600	10	5.5
L8829	.69–.88	800	10	6

*To determine workload safety factor, divide approximate break strength by 10. See page Q5 for strength information.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

Leviton's Surge Protective Devices (SPD's) are designed to reduce the random energy surges of voltage transients and electrical noise on the power supply line. Volatile transients and noise are present in utility power lines, data networks, telephone lines, closed circuit and cable tv feeds, and any other power or control lines connected to electronic equipment.

Leviton's Surge Protective Devices can be used individually or as part of a coordinated application strategy, called Network Protection, to protect sensitive electronic equipment, in industrial, commercial and residential locations, from the stress and degradation inflicted by voltage transients. Leviton Surge Protective Devices are listed to UL 1449 Second Edition Standards.

INDUSTRIAL SURGE PROTECTIVE DEVICES

Overview ____ R1
Four-Outlet Plug-Ins ____ R2
5300 Series ____ R2
5200 Series ____ R2
5100 Series ____ R2
Plug Strips ____ R3
Wired-In Protective Modules ____ R4
Distribution Panel Mount Units ____ R5, R6
74000 & 75000 Series ____ R5
57000 Series ____ R6
52000 Series ____ R7
47000 & 52000.7M3 Series ____ R8
Remote Supervisor ____ R6, R7
Multi-Phase Panel Protectors ____ R8
32000 Series ____ R9
42000 Series ____ R9
Low Voltage Communications SPD's ____ R10
3400 & 3800 Series ____ R10
Equipment Cabinet SPD's ____ R11
3800 Series ____ R11
SPD Duplex Receptacles ____ R12
SPD Four-In-One Receptacles ____ R13

COMMERCIAL SURGE PROTECTIVE DEVICES

Low Voltage and Data Line Modules (Stand-Alone and Stackable) ____ R14
Plug Strips ____ R15
Computer Grade Plug Strips ____ R15
Plug-In Surge Suppressors ____ R15
Surge Counter: 51000-SMC ____ R15
19-Inch Rack-Mounts SPD's ____ R16

RESIDENTIAL SURGE PROTECTIVE DEVICES

Meter Socket Surge Adapter ____ R17
Secondary Surge Arresters ____ R17
Multi-Media Panel ____ R18
General Purpose Plug-Ins ____ R18
51000 Series Branch Panel Mounts ____ R18
5950 Modular Surge Protective Strips ____ R19
Household Grade Surge Strips & Adapters ____ R20
Home Electronics Grade Surge Strips & Adapters ____ R20
Computer Grade Surge Strips & Adapters ____ R20
Extra Outlet Power Centers (Not surge protected) ____ R20

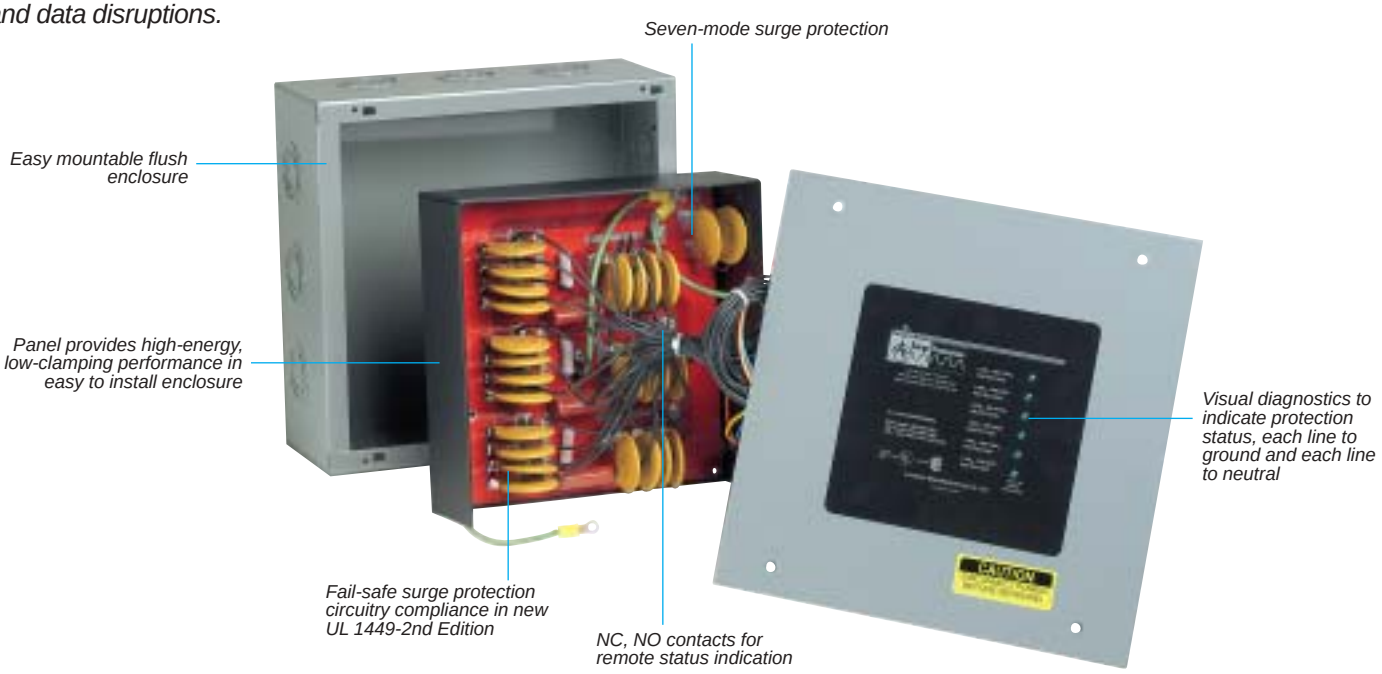
UNINTERRUPTIBLE POWER SUPPLY DEVICES

Lev-UPS™ Online & Sine Series ____ R21
Lev-UPS™ Pro, Slim & Strip Series ____ R22

SECTION R

Surge Protective Devices

Leviton's outstanding Surge Protective Devices divert damaging voltage transients, or surges, away from electronic equipment. Transients are diverted away from sensitive microcircuitry, providing protection against catastrophic failure, costly downtime and data disruptions.



Cat. No. 47120 and 47277

A Wide Selection of SPD's to Protect Sensitive Electronic Microcircuitry at any Facility

Modular Surge Panels 7400/7500 Series

Provide seven-mode protection. Use replaceable modules.

Cat. No. 74120-7M3

Hospital Grade SPD Receptacle

Cost-efficient 3-level MOV protection for phase to neutral, phase to ground & neutral to ground.

Cat. No. 8280-IGB

Stand-Alone Low-Voltage SPD

Provides surge protection for low-voltage data and communications lines.

Cat. No. 5350-PT8

Plug Strips

Available in a variety of grades, its real time diagnostics monitor power and suppression status.

Cat. No. 5300-PS

Panel Mounted

Provides complete protection on all phases even if one module fails; modular design allows easy replacement of modules. NC, NO contacts for remote status indication.

Cat. No. 57120-M3

Lev-UPS™

New product line offers the latest technology and features available in Uninterruptible Power Supply devices.

Cat. No. U1000-AKP

Four-In-One Receptacle

Replaces standard duplex receptacle with four surge protected receptacles. Provides 3-mode protection and LED indicator light.

Cat. No. 5480-B

Multi-Phase Panel Protector

Provides multiple-phase surge protection; 3-phase units are suitable for WYE and Delta AC systems. NC, NO contacts for remote status indication.

Cat. No. 32277-DY3

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Four-Outlet Plug-In Surge Protective Devices — 15 AMP 120V 50, 60 Hz AC

5300 Series

DESCRIPTION	CAT. NO.	COLOR	APPLICATION
Four-Outlet Maximum-Protection DPI	5300-P	Computer Beige	Point Of Sale Systems, computer terminals, digital electronic cash registers, PC's & peripherals, digital audio & video installations, microwave ovens, copy machines, digital scales & computer-controlled office equipment
Four-Outlet & Maximum-Protection DPI	5300-GP	Office Gray	Same as above
Two-Outlet Maximum-Protection DPI	5300-2P	Computer Beige	Same as above

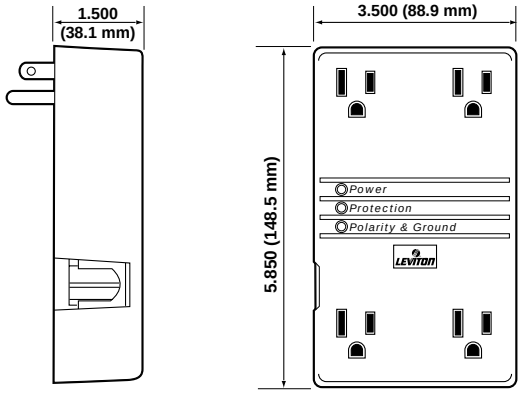
5100 Series

DESCRIPTION	CAT. NO.	COLOR	APPLICATION
15A Four-Outlet Heavy-Duty DPI	5100-P	Computer Beige	PC's & peripherals, electronic cash registers, digital sound systems, video equipment & microwave ovens
15A Four-Outlet Heavy-Duty DPI	5100-GP	Office Gray	Same as above

Clamping Performance

SPECIFICATION	5100	5300
Max. single-pulse transient current (8x20µs, Amps peak)	26kA	52kA
Rated single-pulse transient energy (10x1000µs, Joules)	320 Joules	640 Joules
EMI/RFI noise rejection @ 50 Ohms 5kHz-100MHz	10-20dB	50-60dB
Cat. A ringwave (6kV, 200A,100kHz)	370V	185V
Cat. B ringwave (6kV, 500A,100kHz)	420V	210V
Cat B impulse (6kV, 3kA, 8x20µs)	490	310
UL 1449 ratings (8x20µs @ 500A) (L-N/L-G, N-G)	330/500/400V	330/330/400V
Maximum continuous operating voltage	135V	135V

All devices are UL Listed and CSA Certified.



Cat. No. 5300-P

5300-P

5100-GP

SPECIFICATIONS & FEATURES

- Connect directly to standard NEMA 5-15 wall receptacles
- Diagnostic LED's indicate power & protection status
- Three mode protection for Normal & Common protection: L-N,L-G, N-G
- On-board thermal fusing & overcurrent protection via resettable 15A breaker
- Filtration reduces high frequency noise
- Maximum continuous operating voltage

5300 Series

- Clamping profile tracks the AC sine wave for precise clamping & noise attenuation
- Superior voltage-smoothing helps minimize high-frequency noise
- Maximum line/load-side surge protection for attenuation of environmentally & peripherally-generated transients

5100 Series

- Non-inductive design for compatibility with UPS & SPS or transformer systems
- Multi-component suppression circuitry

TESTING & CODE COMPLIANCE

- UL 1449 Listed (File #E-146315)
- Meets ANSI/IEEE C62.41 standards for both Categories A & B
- CSA Certified (File #LR-94773)
- Lifetime Limited Downline Warranty for device & equipment plugged into it

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C
Storage Temperature: -35°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

SPECIFICATIONS & FEATURES

Plug Strips

- Available in Hospital Grade, Industrial Specification Grade, Commercial Specification Grade & General Purpose Classifications
- Clamping profile tightly tracks AC sine wave
- Real-time diagnostics monitor power & suppression status
- Six protected outlets
- If protection is lost, 5300 & 5200 – group Plug-Strip SPD's interrupt power to the protected load & cannot be reset, to assure the load will not be operated while vulnerable to transient voltage surges (except 5300-HPS)
- Resettable circuit breaker & internal fusing
- May be wall-mounted
- Equipped with a 6-foot, 14-3AWG power cord

TESTING & CODE COMPLIANCE

5300-HPS

- UL Listed 544 (File #118936)
- UL Listed (File Nos. #1449, 1363, 1283)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 standards for both Categories A & B

Plug Strips

- Lifetime Limited Downline Warranty for device & equipment plugged into it

MATERIAL CHARACTERISTICS

5100-PS, 5200-PS, 5300-PS
Operating Temperature: 0°C to 40°C
Storage Temperature: -35°C to 60°C

5300-HPS
Operating Temperature: 0°C to 60°C
Storage Temperature: -35°C to 60°C

5100-IPS, 5300-IPS, 5100-IS2
Operating Temperature:-10°C to 60°C
Storage Temperature: -35°C to 60°C

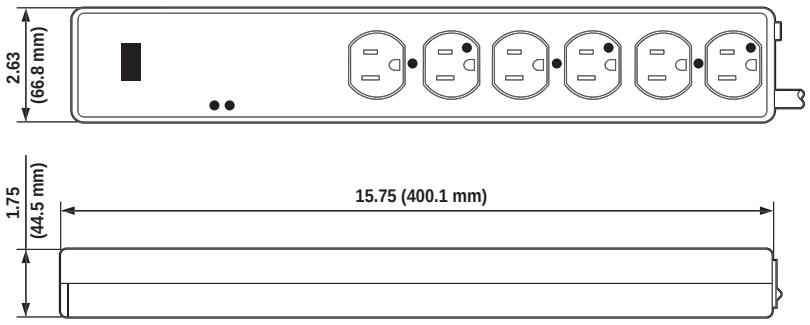
Plug Strips

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet Plug Strip w/ON/OFF Switch	5300-PS	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch, Office Gray	5300-GS	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch w/15 ft. Power Cord	5300-S15	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch w/15 ft. Power Cord, Office Gray	5300-G15	15A-120V AC	Data-sensitive operations
6-Outlet Plug Strip w/ON/OFF Switch	5300-PST	15A-120V AC	Telephone line/modem line protection
6-Outlet Plug Strip w/ON/OFF Switch, Office Gray	5300-GST	15A-120V AC	Telephone line/modem line protection
6-Outlet Plug Strip w/ON/OFF Switch	5300-PSC	15A-120V AC	CATV line surge protection
6-Outlet Plug Strip w/ON/OFF Switch, Office Gray	5300-GSC	15A-120V AC	CATV line surge protection
Hospital Grade 6-Outlet Plug Strip w/clear plug	5300-HPS	15A-120V AC	Continues to supply power to load if protection is lost
6-Outlet Plug Strip w/ON/OFF Switch	5300-IPS	15A-120V AC	Rugged aluminum housing for use in rough environments
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch	5200-PS	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF switch, Office Gray	5200-GS	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch, w/15 ft. Power Cord	5200-S15	15A-120V AC	For microprocessor-based equipment
Heavy-Duty 6-Outlet Plug Strip w/ON/OFF Switch, w/15 ft. Power Cord, Office Gray	5200-G15	15A-120V AC	For microprocessor-based equipment
General-Duty 6-Outlet Plug Strip	5100-PS	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, Office Gray	5100-GS	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, w/15 ft. Power Cord	5100-S15	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip, w/15 ft. Power Cord, Office Gray	5100-G15	15A-120V AC	Compatible with UPS and SPS systems
General-Duty 6-Outlet Plug Strip	5100-IPS	15A-120V AC	Rugged aluminum housing for use in rough environments
General-Duty 6-Outlet Plug Strip	5100-IS2	20A-120V AC	Rugged aluminum housing for use in rough environments

Clamping Performance

SPECIFICATION	5100-PS	5200-PS	5300-PS Group
Max. single-pulse transient current (8x20µs, Amps peak)	26kA	39kA	52kA
Rated single-pulse transient energy (10x1000µs, Joules)	320 Joules	480 Joules	640 Joules
EMI/RFI noise rejection @ 50 Ohms 5kHz-100MHz	10-20dB	40-50dB	50-60dB
Cat. A ringwave (6kV, 200A,100kHz)	370V	230V	190V
Cat. B ringwave (6kV, 500A,100kHz)	420V	270V	210V
Cat B impulse (6kV, 3kA, 8x20µs)	490	370	310
UL 1449 ratings (8x20µs @ 3kA) (L-N/L-G, N-G)	330/500/400 330/500/330 for 5100-IPS only	330/400/330	330/330/330 400/400/400 for 5300-HPS only

All devices are UL Listed and CSA Certified.



Cat. No. 5300-HPS

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

Wired-In Surge Protective Modules

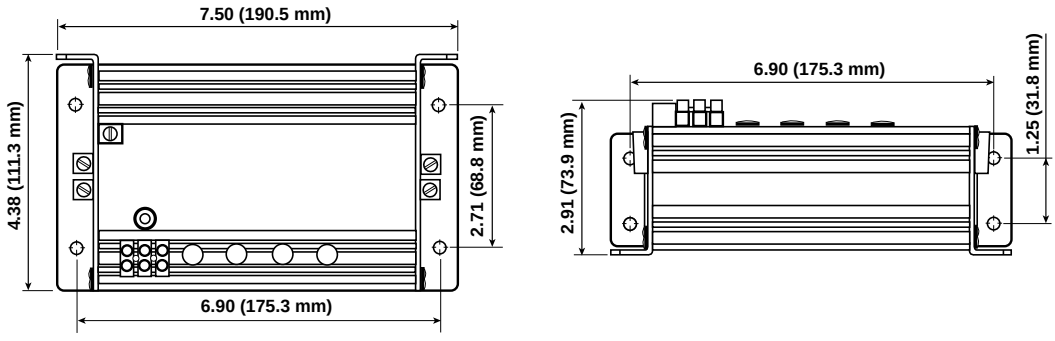
DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire	51005-WM	5A, 120V AC
1-Phase, 3-Wire	51010-WM	10A, 120V AC
1-Phase, 3-Wire, DIN-Rail Mounting	51005-DIN	5A, 120V AC
1-Phase, 3-Wire, DIN-Rail Mounting	51010-DIN	10A, 120V AC
1-Phase, 3-Wire	51015-WM	15A 120V AC
1-Phase, 3-Wire	51020-WM	20A 120V AC
1-Phase, 3-Wire, w/DIN-rail mounting	51015-DIN	15A 120V AC
1-Phase, 3-Wire, w/DIN-rail mounting	51020-DIN	20A 120V AC
1-Phase, 3-wire (For use in parallel connection)	51020-WMT	20A 120V AC
1-Phase, 4-Wire	51240-WM	20A 240V AC
1-Phase, w/DIN-rail mounting	51240-DIN	20A 240V AC

Performance Specifications

SPECIFICATION	51005-WM, 51010-WM, 51005-DIN, 51010-DIN	51015-WM, 51020-WM, 51015-DIN, 51020-DIN, 51020-WMT	51240-WM, 51240-DIN
Max. Surge Current (Test w. 8x20µs wave	L-N: 26kA	L-N: 52kA	L-N: 52kA
Noise Rejection	20-40dB (@ 10K-100MHz	20-30dB (@ 100-10MHz)	40-50dB (@ 5kH-100MHz)
Operating Frequency Range	50, 60Hz	50, 60Hz	50, 60Hz
UL 1449 (2nd Ed.) Rating	L-N: 400V L-G: 400V N-G: 400V	L-N: 330V L-G: 330V N-G: 400V	L-N: 600V L-G: 330V N-G: 600V
MCOV	150V AC	150V AC	270V AC

51020-DIN

51005-DIN



WIRED-IN SURGE PROTECTIVE MODULES

SPECIFICATIONS & FEATURES

Wired-In Surge Protective Module — 5100 Series

- For use by OEMs who wish to include 120/240V surge protection as an equipment feature
- Available with DIN-rail mounting
- Provides surge protection to branch circuits
- Staged multi-component surge suppression circuitry provides clamping envelope that follows AC sine-wave contour
- Primary and secondary suppression circuits are automatic resettable fuse protected
- Diagnostic circuitry, with LEDs, to indicate surge protection status & acoustic alert if surge protection is lost
- If surge protection is lost, power is still provided to load until SPD module is replaced

TESTING & CODE COMPLIANCE

- Recognized to UL Standard 1449
- CSA Certified
- Backed by a Limited Five-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 70°C
Storage Temperature: -20°C to 85°C

Note: See your Leviton representative for a complete listing of Low-Voltage Communication Protection modules for factory automation and industrial control applications.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

74120-7M3

74000 & 75000 Series Panel Mount Devices

DESCRIPTION	CAT. NO.	RATING	MODULE NO.
7-Mode, 3ø WYE, 4-Wire + Ground	74120-7M3	120/208V AC	(7) HC120-M40
7-Mode, 3ø WYE, 4-Wire + Ground	74277-7M3	277/480V AC	(7) HC277-M40
7-Mode, 3ø WYE, 4-Wire + Ground	75120-7M3	120/208V AC	(7) HC120-M53
7-Mode, 3ø WYE, 4-Wire + Ground	75277-7M3	277/480V AC	(7) HC277-M53

Performance Specifications: 74000 & 75000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)			MAX. SURGE CURRENT in KA (Test w/8x20µs wave)			NOISE REJECTION
		L-N	L-G	N-G	L-N + L-G = per phase			
74120-7M3	150V AC	400	400	400	200	200	400	-40 dB (@5K-100MHz)
74277-7M3	320V AC	800	800	800	200	200	400	-40 dB (@5K-100MHz)
75120-7M3	150V AC	400	400	400	320	320	640	-20 to -40 dB (@5K-100MHz)
75277-7M3	320V AC	800	800	800	320	320	640	-20 to -40 dB (@5K-100MHz)

SPECIFICATIONS & FEATURES

74000 & 75000 Series

- Provides seven mode protection
- Uses replaceable modules
- Real-time diagnostics monitor power and suppression status for each mode
- Surge magnitude, time and date is provided for each surge event
- Surge event history downloadable for storage via RS-232 connection
- AC sine wave tracking
- Optically isolated dry contacts

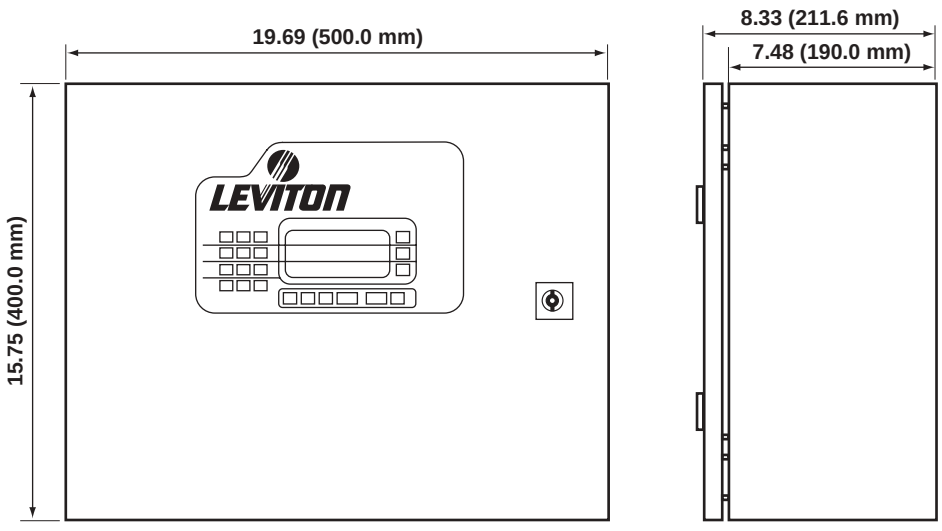
TESTING & CODE COMPLIANCE

- UL 1449 2nd Edition Listed (#E146315)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A, B & C

MATERIAL CHARACTERISTICS

Operating Temperature: -10ºC to 60ºC

Storage Temperature: -20°C to 85°C



Series 74000 & 75000

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

LEVITON Building a Connected World

57000 Series Branch Panel Mounts

DESCRIPTION	W/O SURGE COUNTER	W/ SURGE COUNTER	VOLTAGE RATING 3ø WYE (4-Wire & Ground)	MODULE
3ø WYE, 4-Wire & Ground	57120-M3	57120-CM3	120/208V AC	(3) 120 (1) 8120-GN
3ø WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground	57120-M3S	57120-C3S	120/208V AC	(3) 120-M3S (1) 8120-GN
3ø WYE, 4-Wire & Ground	57220-IM3	——	220/380V AC	(3) 220 (1) 8250-GN
3ø Delta, 3-Wire & Ground	57240-DM3	——	240V AC	(3) 7240
3ø WYE, 4-Wire & Ground	57277-M3	57277-CM3	277/480V AC	(3) 7277 (1) 8320-GN
3ø WYE, 7-Mode, Integral Disconnect, 4-Wire & Ground	57277-M3S	57277-C3S	277/480V AC	(3) 7277-M3S (1) 8320-GN
3ø WYE, 4-Wire & Ground	57346-M3	——	346/600V AC	(3) 7346 (1) 8385-GN
3ø WYE, 4-Wire & Ground	57347-M3S	——	347/600V AC	(3) 7347 (1) 8385-GN
3ø Delta, 3-Wire & Ground	57480-DM3	——	480V AC	(3) 7480
3ø Delta, 3-Wire & Ground	57600-DM3	——	600V AC	(3) 7600

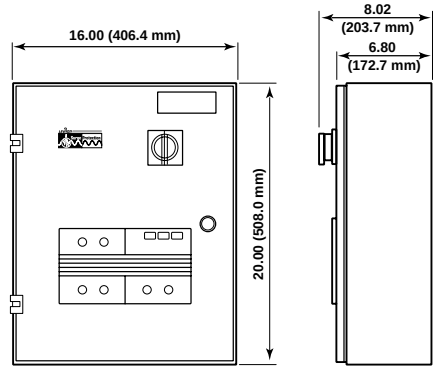
Performance Specifications: 57000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20µs wave)			NOISE REJECTION
		L-N	L-G	N-G	L-L	L-N + L-G = per phase			
57120-M3 **57120-CM3**	150V AC	400	800	400	800	150	-	150	-20 to -40 dB (@5K-10MHz)
57120-M3S **57120-C3S**	150V AC	400	500	400	700	100	100	100	-20 to -40 dB (@5K-10MHz)
57220-IM3	250V AC	600	1200	600	1200	150	-	150	-20dB to -40 dB (@5K-10MHz)
57240-DM3	250V AC	——	——	——	700	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57277-M3 **57277-MC3**	320V AC	800	1800	800	1800	150	-	150	-20dB to -40 dB (@5K-10MHz)
57277-M3S **57277-C3S**	320V AC	900	1000	800	1500	100	100	200	-20dB to -40 dB (@5K-10MHz)
57346-M3	385V AC	1000	2000	1000	2000	150	——	150	-20dB to -40 dB (@5K-10MHz)
57480-DM3	550V AC	——	——	——	1500	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57600-DM3	680V AC	——	——	——	1800	L-L: 150			-20dB to -40 dB (@5K-10MHz)
57347-M3S	390V AC	1000	1000	1000	2000	100	100	200	-20dB to -40 dB (@5K-10MHz)

Remote Supervisor

DESCRIPTION	CAT. NO.
Remote Supervisor	52000-RS

All devices are UL Listed and CSA Certified.



Cat. No. 57120-M3S

SPECIFICATIONS & FEATURES

57000 Series

- For installation at main distribution panels
- Hybrid suppression circuitry with built-in redundancy provides complete protection on all phases even if one module fails
- Modular design allows easy replacement of modules with the use of tools & without the need to shut down AC system power
- Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- Dry contacts for remote monitoring

57120-M3

57120-M3S

57000 Series

- "Series connection" parallel operated (Kelvin/feed-through) rated for 100 Amps maximum continuous line current using #3 AWG conductors
- Optically coupled remote-monitoring port allows use of the optional Remote Supervisor (Cat. No. 52000-RS)
- Dual-stage fuse protection for primary & secondary surge suppression circuits
- Housed in NEMA-12 case with hinged cover, surface or flush mountable
- Noise rejection -20 to -40dB

Remote Supervisor

- For use with any Cat. No. 57000 or 52000 panel-mounted SPD
- Monitors up to 6 (series alarm daisy-chained) panel-mounted SPDs
- Single key-hole surface mounting using just 2 screws
- Annunciator light shows steady GREEN when monitored panel-mounted SPDs are normal, & FLASHING RED in case of protection failure or power interruption
- 75dB acoustic beep tone draws attention to a potential failure
- Jack provided for simple connection to input port via #20 to #22 two-conductor twisted pair, with a wire run up to 5,000 ft. in length

TESTING & CODE COMPLIANCE

57000 Series

- UL 1449 Listed (File #E-146315)
- CSA Certified (File #LR-94773)
- 200 kA rated (M3S versions rated 100kA)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A, B & C
- UL 945-V flame retardant thermoplastic (Front Bezel)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C
Storage Temperature: -20°C to 85°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

52120-M1

52120-CM3

SPECIFICATIONS & FEATURES

52000 Series

- For installation at branch panels for protection in industrial & commercial facilities
- Hybrid suppression circuitry
- Features AC sine wave tracking and redundant protection
- Modular design allows easy replacement of modules without use of tools or the need to shut down the AC system
- Real-time diagnostics monitor power & suppression status for each phase & allow use of optional Remote Supervisor
- Dry contacts for remote monitoring
- Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- "Series connection" (Kelvin/feed-through) rated for 100 Amps maximum continuous line current using #3 AWG conductors
- Fuse protection for each module
- Housed in NEMA-12 case hinged cover, surface or flush mountable

TESTING & CODE COMPLIANCE

52000 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C
Storage Temperatire: -20°C to 85°C

52000 Series Branch Panel Mounts

DESCRIPTION	W/O SURGE COUNTER	W/ SURGE COUNTER	VOLTAGE RATING	MODULE
Single-Phase, 2-Wire & Ground	52120-M1	——	120V AC	(1) 2120 (1) 8120-GN
Single-Phase, 3-Wire & Ground (Home Automation Model)	52120-M2 (52120-M2H)	52120-CM2	120/240V AC	(2) 2120 (1) 8120-GN
3ø WYE, 4-Wire & Ground (Without Enclosure)	52120-M3 (52120-B3)	52120-CM3	120/208V AC	(3) 2120 (1) 8120-GN
3ø WYE (International), 4-Wire & Ground	52220-IM3	——	220/380V AC	(3) 2220 (1) 8250-GN
3ø Delta, 3-Wire & Ground	52240-DM3	——	240V AC	(3) 2240
3ø WYE, 4-Wire & Ground	52277-M3	52277-CM3	277/480V AC	(3) 2277 (1) 8320-GN
3ø WYE, 4-Wire & Ground	52347-M3	——	347/600V AC	3) 2347 (1) 8385-GN
3ø Delta, 3-Wire & Ground	52480-DM3	——	480V AC	(3) 2480
Split Phase Delta, 4-Wire & Ground	52412-DS3	——	120/240V AC	(2) 2120 (120V) & (1) 2412 (HI-LEG)

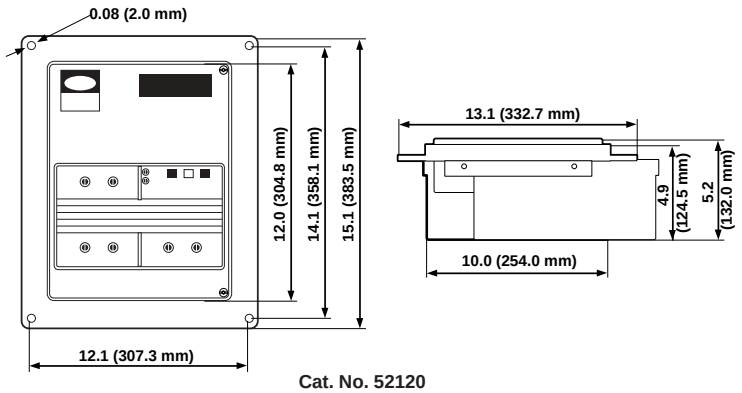
Performance Specifications: 52000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20µs wave)	NOISE REJECTION
		L-N	L-G	N-G	L-L	L-N	
52120-M1	150V AC	400	800	400	——	100	-20 to -40 dB (@5K-10MHz)
52120-M3 52120-CM2	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52120-M2H	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52120-M3 52120-B3 52120-CM3	150V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)
52220-IM3	250V AC	600	1200	600	1200	100	-20 to -40 dB (@5K-10MHz)
52240-DM3	L-L: 250V AC	——	——	——	600	100	-20 to -40 dB (@5K-10MHz)
52277-M3 52277-CM3	320V AC	800	1800	800	1800	100	-20dB to -40 dB (@5K-10MHz)
52347-M3	420V AC L-L: 680	900	——	——	900	100	-20 to -40 dB (@5K-10MHz)
52480-DM3	550V AC	——	——	——	1500	100	-20 to -40 dB (@5K-10MHz)
52412-DS3	L-L: 250V AC	400	800	400	800	100	-20 to -40 dB (@5K-10MHz)

Remote Supervisor

DESCRIPTION	CAT. NO.
Remote Supervisor	52000-RS

All devices are UL Listed and CSA Certified.



Cat. No. 52120

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

47000 & 52000-7M3 Series Branch Panel Mounts

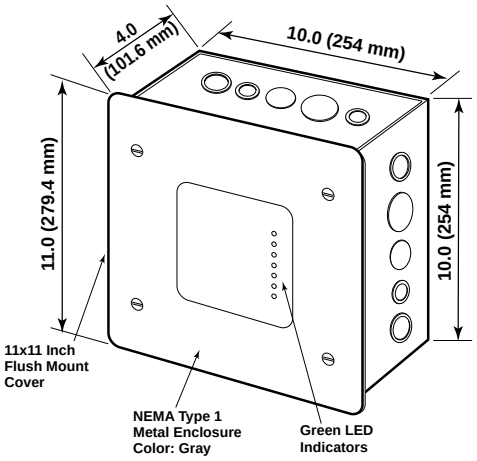
DESCRIPTION	W/O SURGE COUNTER	W/ SURGE COUNTER	VOLTAGE RATING 3ø WYE (4-Wire & Ground)	MODULE
7-Mode Panel Mount (4-Wired + Ground)	47120-007	——	120/208V AC	——
7-Mode Panel Mount w/NEMA 4X Enclosure (4-Wire + Ground)	47120-4X7		120/208V AC	——
7-Mode Panel Mount (4-Wired + Ground)	47277-007	——	277/480V AC	——
7-Mode Panel Mount w/NEMA 4X Enclosure (4-Wire + Ground)	47277-4X7	——	277/480V AC	——
7-Mode Panel Mount (4-Wired + Ground)	47347-007	——	347/600V AC	——
7-Mode Modular Panel Mount (4-Wired + Ground)	52120-7M3	52120-7C3	120/208V AC	(3) 120-7M3 (1) 8120-GN
7-Mode Modular Panel Mount (4-Wired + Ground)	52277-7M3	52277-7C3	277/480V AC	(3) 220-7M3 (1) 8120-GN

47120-007

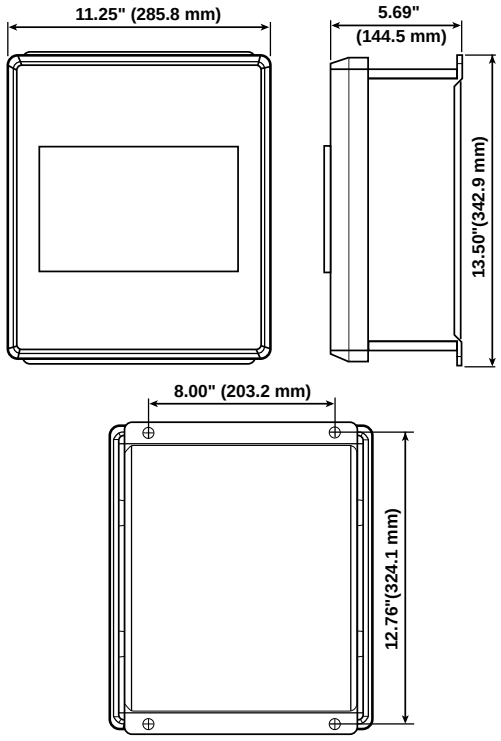
47120-4X7

Performance Specifications: 47000 & 52000-7M3 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)				MAX. SURGE CURRENT in KA (Test w/8x20µs wave)			NOISE REJECTION
		L-N	L-G	N-G	L-L	L-N + L-G = per phase			
47120-007 **47120-4X7**	140V AC	330	400	330	600	200	200	400	-40 dB (@10K-10MHz)
47277-007 **47277-4X7**	320V AC	700	800	700	1500	200	200	400	-40 dB (@10K-10MHz)
47347-007	390V AC	1200	1300	1200	2200	200	200	400	-40 dB (@10K-10MHz)
52120-7M3 **52120-7C3**	150V AC	400	400	400	800	100	100	200	-20 to -40 dB (@5K-10MHz)
52277-7M3 **52277-7C3**	320V AC	800	800	800	1500	100	100	200	-20 to -40 dB (@5K-10MHz)



Cat. Nos. 47120-007, 47277-007



Cat. Nos. 47120-4X7, 47277-4X7

SPECIFICATIONS & FEATURES

47000 & 52000-7M3 Series

- Provides low-clamping, high surge current capability
- Verifies fail-safe conditions for MOVs under steady-state overvoltage
- 200 kA rated per mode
- Parallel wired to facilitate connection to any service ampacity
- Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
- Available with NEMA Type 4X enclosure for outdoor/uncontrolled environments

TESTING & CODE COMPLIANCE

47000 & 52000-7M3 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C
Storage Temperatire: -20°C to 85°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

32000

42000

Multi-Phase Panel Protectors

32000 & 42000 Series for Branch Panels

DESCRIPTION	CAT. NO.	VOLTAGE RATING
Single Phase	32120-1 42120-1	120/240V AC
3ø WYE or 220V AC, 3ø Delta	32120-DY3 42120-DY3	120/208V AC
277/480V or 220/380V AC	32277-DY3	277/480V AC, 220/380V AC
3ø WYE or 240, 480V AC 3ø Delta	42277-DY3	480V AC
3ø WYE	32347-DY3 42347-DY3	347/600V AC
Hi-Leg Split Phase Delta	32412-DS3 42412-DS3	120/240V AC
Flush Mount Collar	42001-FMC	——

Performance Specifications: 32000 & 42000 Series

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)			MAX. SURGE CURRENT in KA (Test w/8x20µs wave)	NOISE REJECTION	
						32000 Series	42000 Series
		L-N	N-G	L-L	L-N		
32120-1 **42120-1**	150V AC	5000	500	700	80kA	-20 to -30 dB (@1.5K–1.2MHz)	-30 to -40 dB (@10K–10MHz)
32120-DY3 **42120-DY3**	150V AC	500	500	700			
32277-DY3 **42277-DY3**	320V AC	900	800	1500			
32347-DY3 **42347-DY3**	382V AC L-L 660V AC	1200	1000	2000			
32412-DS3 **42412-DS3**	320V AC L-L 264V AC	400	700 (HiL-N)	800			

SPECIFICATIONS & FEATURES

32000 & 42000 Series

- 32000 Series compatible with Decora Home Automation devices
- Dry contacts for remote monitoring (NO-C-NC)
- Provide multiple-phase surge protection in commercial & industrial environments
- Compact design permits close installation to panel & provides a short parallel suppression path
- 3-phase units are suitable for WYE & Delta AC systems
- Easily surface-mounted or flush mountable with use of flush collar accessory 42001 FMC
- Real-time diagnostics monitor power & surge suppression status of each phase by means of indicator light & acoustic alarm
- Equipped with normally open/normally closed dry contacts rated 5 Amps 120/240V AC via 3 color-coded AWG leads rated 600V AC for remote monitoring

TESTING & CODE COMPLIANCE

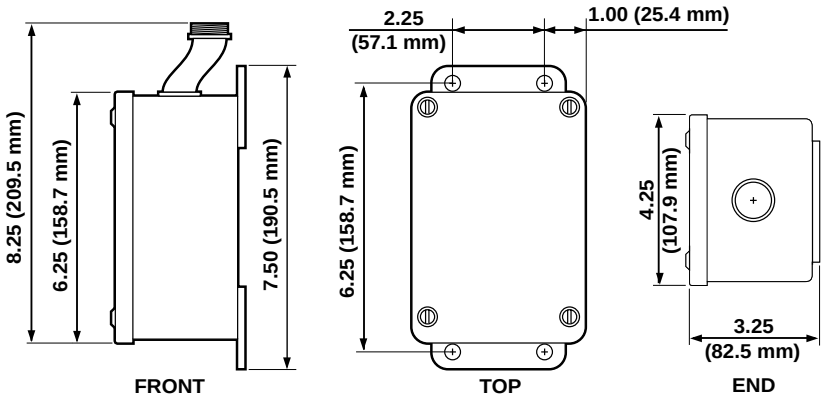
32000 & 42000 Series

- UL 1449 Listed 2nd Ed. (File #E-146315)
- CSA Certified (File #LR-94773)
- Meets ANSI/IEEE C62.41 and 62.45 requirements for Categories A, B, C
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

32000 & 42000 Series

Operating Temperature: -10°C to 60°C
Storage Temperature: -20°C to 85°C



Cat. Nos. 32000 & 42000 Series

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

LEVITON
Building a Connected World

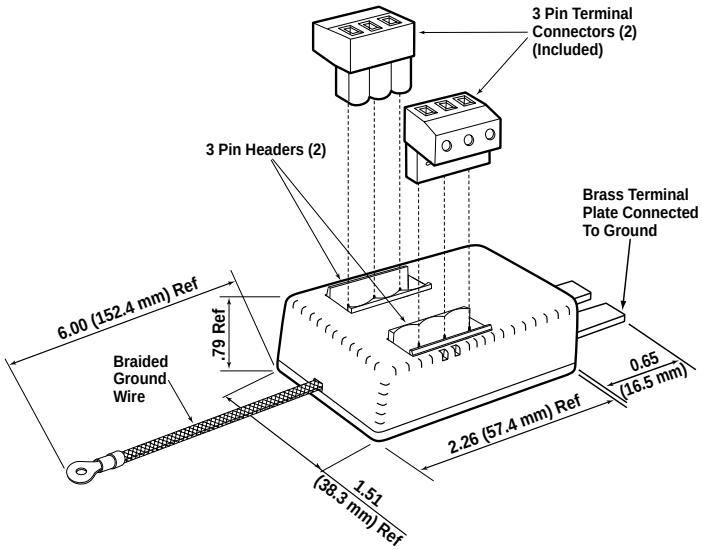
3400 & 3800 Series Low Voltage Communication Surge Protection Modules

DESCRIPTION	CAT. NO.	RATING	APPLICATION
3-Pin Header Connector, Surface Mount	3803-DHP*	9.6V DC	For programmable logic devices & other computer-related data network products operating on "Blue Hose" networks
6-Pin Header Connector, Surface Mount	3803-485*	9.6C DC	For programmable logic other devices & computer-related data network products operating on Allen Bradley DH-485 data networks
5-Pin Header Connector Surface & DIN-Rail Mount	*3803-SPX*	*13.6V DC*	For products operating on SERIPLEX control bus networks
DB-9 Connector, Surface & DIN-Rail Mount	3803-CAN	25V DC	For products operating on Honeywell control bus
3-Pin Header Connector, Surface Mount	3803-MOD	9.6V DC	For products operating on Modbus and Modbus Plus networks
3-Pin Header Connector, Surface Mount	3420-009*	9.6V DC	For products operating on 4-20ma Signal Loop networks, 9V DC
3-PIN Header Connector, Surface Mount	3420-035*	38.5V DC	For products operating on 4-20ma Signal Loop networks, 38V DC
4-Position Terminal Block Surface & DIN-rail Mount	3860-GEF	100V DC	For products operating on GE Fanuc Control Bus networks
RJ-45 Connector, Surface & DIN-Rail Mount	3861-ETH	19.8V DC	For products operating on Ethernet PLC ports and CAT 3 networks
BNC Connector, Surface & DIN-Rail Mount	3862-CON	9.18V DC	For ControlNet networks
5-Pin Header Connector Surface & DIN-Rail Mount	3863-DEV	19.8V DC	For DeviceNet networks

*The Rockwell Automation Encompass Program references complementary products from third party manufacturers committed to providing quality products and services that enhance the Rockwell Automation Solution products and solve the industrial automation needs of mutual customers.

All devices are UL Regognized and CSA Certified.

3803-DHP



CAT. NO. 3803-DHP

SPECIFICATIONS & FEATURES

3400 & 3800 Series

- Designed for mounting in standard equipment cabinets
- For use on Allen Bradley & "Blue Hose" devices
- Two options for ground connection
- Low clamping voltage
- Withstands surges at programmable logic devices in harsh electromagnetic or geographic areas
- Provide transient voltage surge suppression for a selection of programmable logic devices & other computer-related data network products

TESTING & CODE COMPLIANCE

3400 & 3800 Series

- UL 497B Listed (#E175161)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C-62.41 requirements
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -40ºC to 60ºC (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -10ºC to 85ºC (3803-SPX, 3803-CAN, 3860 Series)

Storage Temperature: -40ºC to 90ºC (3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035); -20ºC to 85ºC (3803-SPX, 3803-CAN, 3860 Series)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

3840-DIN

3800-OWM

SPECIFICATIONS & FEATURES

3800 Series

- MOV-based suppression circuitry provides optimum clamping
- Provides Normal Mode protection for line-to-neutral & common mode; line-to-ground & neutral-to-ground
- Noise rejection @ 5kHz-5MHz: -35db
- 3800: 135V (MCOV); 3840: 250V (MCOV)
- 3800-DIN, 3800-0WM: Terminal block accepts 22 AWG to 12 AWG conductors
- Consult factory on additional ratings on 3812, 3824 & 3848

3880-DIN & 3801-DIN

- Ideal for mounting in equipment cabinets where convenient plugin surge protection is desired
- Green LED indicates surge protection loss
- Audible alarm w/integral disable (quiet) switch
- Power continues to be provided to loads in the event of protection loss
- Terminal Block accepts #22-#12 AWG conductors

TESTING & CODE COMPLIANCE

- Recognized to UL 1449 (E146315/DC-E175161)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C-62.41 & C-62.45 Categories A, B & C (B & C ONLY for Cat Nos.3880-DIN & 3801-DIN)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C
Storage Temperature: -20°C to 85°C

Equipment Cabinet Surge Protection Modules 3800 Series

DESCRIPTION	CAT. NO.	RATING
For DIN-Rail Mounting, w/Terminal Block; 120V AC	3800-DIN	120V AC (VRMS)
Terminal Block; 120V AC	3800-0WM	120V AC (VRMS)
Pigtail Wire Leads, 6" long; 120V AC	3800-OEM	120V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 12V DC	3812-DIN	12V DC
Terminal Block; 12V DC	3812-0WM	12V DC
Pigtail Wire Leads; 6" long; 12V DC	3812-OEM	12V DC
For DIN-Rail Mounting, w/Terminal Block; 24V DC	3824-DIN	24V DC
Terminal Block; 24V DC	3824-0WM	24V DC
Pigtail Wire Leads; 6" long; 24V DC	3824-OEM	24V DC
For DIN-Rail Mounting, w/Terminal Block; 240V AC	3840-DIN	240V AC (VRMS)
Terminal Block; 240V AC	3840-0WM	240V AC (VRMS)
Pigtail Wire Leads; 6" long; 240V AC	3840-OEM	240V AC (VRMS)
For DIN-Rail Mounting, w/Terminal Block; 48V DC	3848-DIN	48V DC
Terminal Block; 48V DC	3848-0WM	48V DC
Pigtail Wire Leads; 6" long; 48V DC	3848-OEM	48V DC

Clamping Performance and Performance Specification

CLAMPING PERFORMANCE	CAT.NO. 3800	CAT.NO. 3840
UL Standard 1449 permanently-wired test (8x20µs, 3000A)	L-N: 500V Peak	L-N: 330V Peak
	L-G: 500V Peak	L-G: 400V Peak
	N-G: 500V Peak	N-G: 330V Peak
PERFORMANCE SPECIFICATION	**CAT.NO. 3800**	**CAT.NO. 3840**
Max. Single-Pulse Transient Current (8X20µS, Impulse)	L-N: 1300A	L-N: 1300A
	L-G: 6500A	L-G: 6500A
	N-G: 6500A	N-G: 6500A

Consult factory for detailed performance data for other models.

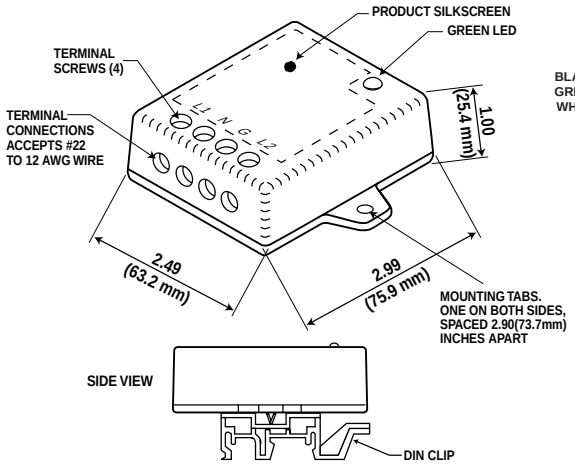
Equipment Cabinet Surge Protection Receptacles

DESCRIPTION	CAT. NO.	RATING
Hospital Grade Duplex Receptacle	3880-DIN	15A-120V @ 50, 60Hz
Single Convenience Outlet	3801-DIN	15A-120V @ 50, 60Hz

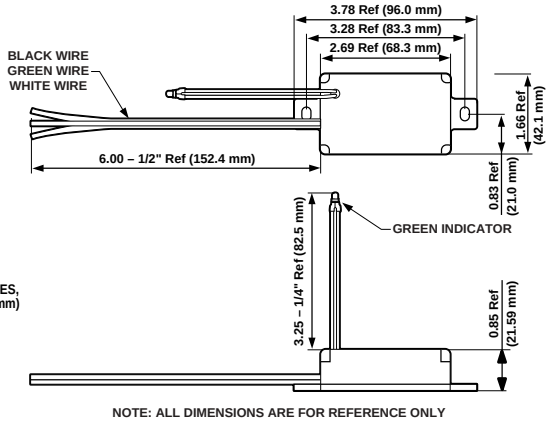
Performance Data (3880-DIN, 3801-DIN)

CLAMPING VOLTAGE*	MCOV†	MAX. SINGLE PULSE TRANSIENT CURRENT (8X20µs, Amps peak)	EMI-RFI NOISE REJECTION @50 ohms 5kHz-5MHz
400/400/400V pk	150Vrms	24kA(L-N),12kA(L-G/N-G)	-35dB

*UL 1449 Suppressed Voltage Ratings (SVR) Assigned at 6" length with 6k/500A per UL1449 (2nd Ed.)
†Maximum Continuous Operating Voltage.
All devices are UL Recognized and CSA Certified.



Cat. No. 3840-DIN



NOTE: ALL DIMENSIONS ARE FOR REFERENCE ONLY
REFER TO PART DRAWINGS FOR SPECIFICATIONS

Cat. No. 3848-OEM

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

LEVITON
Building a Connected World

Hospital Grade Surge Protective Receptacles — 120V

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex	8280	B, I, W, R, A
20A Duplex	8380	B, I, W, GY, R
20A Single	8381	I, W, GY, R

Hospital Grade Isolated Ground Surge Protective Receptacles — 120V

DESCRIPTION	CAT. NO.	COLOR* Brown Not Available
15A Duplex	8280-IG	B, O, I, W, G
15A Single	8281-IG	O, I, W
20A Duplex	8380-IG	B, O, I, W, G, R
20A Single	8381-IG	B, O, I, W

Industrial Grade Surge Protective Receptacles — 120V

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex	5280	B, I, W, GY, A
15A Duplex	7280	B, I, W, GY, A
20A Duplex	5380	B, I, W, GY
20A Duplex	7380	B, I, W, GY

Industrial Grade Isolated Ground Surge Protective Receptacles — 120V

DESCRIPTION	CAT. NO.	COLOR* Basic Cat. No. Denotes Brown
15A Duplex	5280-IG	O, I, W, G, B
20A Duplex	5380-IG	O, I, W, G, B

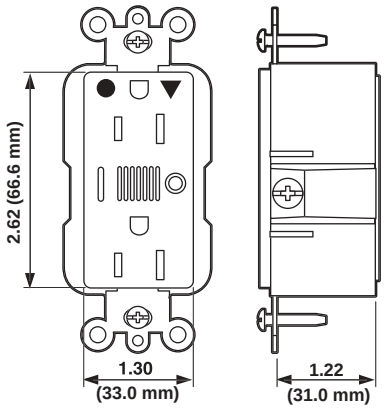
General Data

SPECIFICATION	DATA APPLICABLE TO ALL
Rated line voltage	120V (VRMS)
Max. continuous operating voltage	150V
Max. single-pulse transient current (8x20µs, Amps peak)	24000A (L-N) 12000A (L-G) 12000A (N-G)
Rated single-pulse transient energy (10x1000µs, impulse)	320 Joules
Noise rejection @ 5kHz-5MHz	-35dB

Clamping Performance

SPECIFICATION	DATA APPLICABLE TO ALL
UL Standard 1449 (2nd Edition) permanently-wired test (8x20µs, 3000A)	(L-N): 400V Peak (L-G): 400V Peak (N-G): 400V Peak

All devices are UL Listed and CSA Certified.



HOSPITAL GRADE SPD
Cat. No. 8280-IG

8280-R

8381-I

SPECIFICATIONS & FEATURES

- Provides hard-wired point-of use surge protection for electronic equipment in industrial, commercial and residential applications
- 3-Level surge protection for phase to neutral, phase to ground and neutral to ground
- All receptacles are back and side wired
- Hospital Grade versions (indicated by green dot on receptacle face) are suitable for high-abuse health care, industrial and commercial applications
- Isolated Ground versions (indicated by orange color or orange triangle on receptacle face) provide a pure ground path for use with isolated grounding systems
- Monitor/Indicator LED is ON continuously when protection is active and OFF when protection circuit is deactivated due to excessive transients
- All Hospital Grade devices and Cat. Nos. 7280 and 7380 Industrial devices also provide an audible tone alert that sounds if protection is lost
- EMI/RFI filtering
- Decora styling complements any interior and coordinates with Leviton's popular line of Decora devices

TESTING & CODE COMPLIANCE

- UL Listed Standard 1449 (2nd Edition)
- Meets ANSI/IEEE C62.41 standards for both Categories A & B
- All SPD receptacles are backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown device, except Hospital Grade IG devices not available in Brown. Colors available as listed above, add suffix to basic catalog numbers as follows: Blue (-B), Orange (-O), Ivory (-I), White (-W), Gray (-G or -GY), Red

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

8490-IGB

Four-In-One Surge Protective Receptacles — 120V

DESCRIPTION	CAT. NO.	COLOR* *Brown Not Available. For IG devices, Basic Cat. No. Denotes Orange*
15A Hospital Grade Four-In-One	8480	I, W, R
15A Hospital Grade Four-In-One Isolated Ground	8480-IG	I, W, B
20A Hospital Grade Four-In-One	8490	I, W, R
20A Hospital Grade Four-In-One Isolated Ground	8490-IG	I, W, B
15A Industrial Grade Four-In-One	5480	I, W, GY, BU, R
15A Industrial Grade Four-In-One Isolated Ground	5480-IG	I, B
20A Industrial Grade Four-In-One	5490	I, W,GY, BU
20A Industrial Grade Four-In-One Isolated Ground	5490-IG	I, B

Four-In-One Adapter Plates

CAT. NO.	COLOR* *Basic Cat. No. Denotes Brown*
3254	I, W, GY, R, E, OR, BLU

Four-In-One Portable Boxes†

CAT. NO.	COLOR* *Brown Not Available*
4254	I, GY, E, OR, BLU, Y

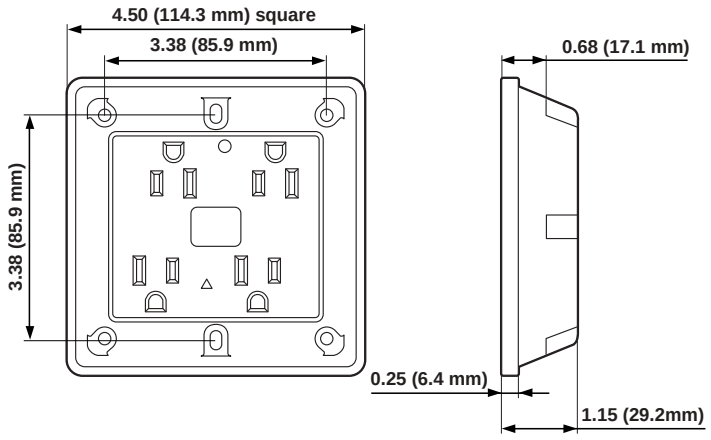
General Data

SPECIFICATION	DATA FOR SURGE RECEPTACLES
Rated line voltage	120V (VRMS)
Max. continuous operating voltage	150V
Max. single-pulse transient current (8x20µs, Amps peak)	24000A (L-N) 12000A (L-G) 12000A (N-G)
Rated single-pulse transient energy (10x1000µs, impulse)	320 Joules
Noise rejection @ 5kHz-5MHz	-35dB

Clamping Performance

SPECIFICATION	DATA FOR SURGE RECEPTACLES
UL Standard 1449 (2nd Edition) permanently-wired test (8x20µs, 3000A)	(L-N): 400V Peak (L-G): 400V Peak (N-G): 400V Peak

†Portable boxes are not UL Listed. UL Listing does not apply when Four-In-One receptacles are used with portable boxes for extension cord applications.
All devices are UL Listed and CSA Certified



HOSPITAL GRADE/ISOLATED GROUND
NYLON FOUR-IN-ONE RECEPTACLE
Cat. No. 8480-IG

SPECIFICATIONS & FEATURES

Four-In-One Surge Protective Receptacles

- Replaces standard duplex receptacle with four surge-protected receptacles
- Ideal for locations where surge-protected receptacles are needed and plug-in devices can't be used
- 3-Level surge protection for phase to neutral, phase to ground and neutral to ground
- Hospital Grade versions (indicated by green dot on receptacle face) are suitable for high-abuse health care, industrial and commercial applications
- Isolated Ground versions (indicated by orange color or orange triangle on receptacle face) provide a pure ground path for use with isolated grounding systems
- Monitor/Indicator LED is ON continuously when protection is active and OFF when protection circuit is deactivated due to excessive transients

Four-In-One Adapter Plates & Portable Box

- Adapter plates not required with most standard wallboxes; provides popular "flush fit" look for any installation
- Portable Box designed for all Four-In-One Receptacles (not UL Listed for extension cord applications)
- Four-In-One Portable Box accepts #16/3 AWG Type SJ to #12/3 AWG Type SO COPPER Only

TESTING & CODE COMPLIANCE

- UL 498 Listed (#13399)
- Meets ANSI/IEEE C-62.41 & C-62.45 standards for both Categories A & B requirements
- CSA Certified (#152105)
- Backed by a Limited 10-Year Warranty

Four-In-One Adapter Plates

- UL Listed (File #E-13397 – Cat. No. 3254)

*COLOR

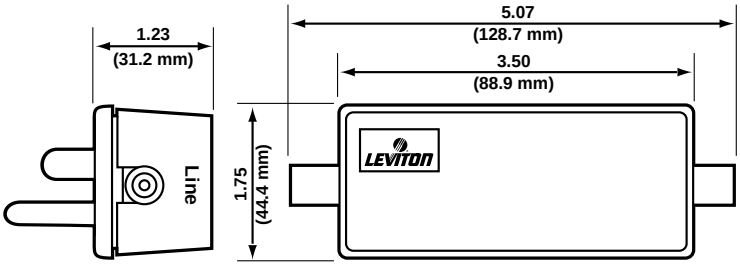
Colors available as listed above. For IG devices, Basic Cat. No. denotes Orange device. Add suffix to basic catalog numbers as follows: Blue (-B, -BU or -BLU), Black (-E), Orange (-OR), Ivory (-I), White (-W), Gray (-GY), Red (-R), Yellow (-Y).

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

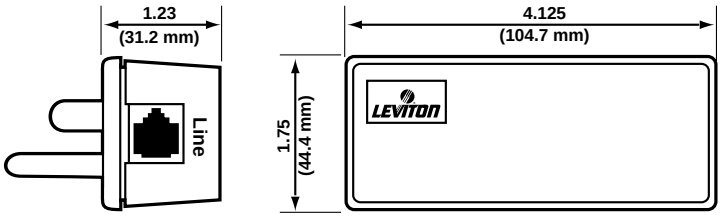
Low-Voltage and Data Line SPD's (Stand-Alone and Stackable)

DESCRIPTION	CAT. NO.	NO. OF WIRES OR PINS PROTECTED (Active Pins)	APPLICATION	OPERATING LINE VOLTAGE	CLAMP VOLTAGE
4-Wire Leased Line Connector-RJ11	5350-TLL (Stand-Alone)	4 RJ11 (2, 3, 4, 5)	Telco Leased Lines	70V DC	105V (1)
8-Wire RS-232 Connector-RJ45	5350-RS2 (Stand-Alone)	8 Wire RJ45 (1 thru 8)	RS-232	18V DC	27V (1)
4-Wire Ethernet Connector-RJ45	5350-TBT (Stand-Alone)	4 Wire RJ45 (1, 2, 3, 6)	10 Base T (Ethernet)	4V DC L-L	5V (1,2)
2-Wire Video/3270 Connector-BNC	5350-BNC (Stand-Alone)	2 (Center + Shield)	Video or IBM 3270	8V DC	15V (1,3)
Token Ring Networks	5350-TTR (Stand-Alone)	4 Wire RJ45 (3, 4, 5, 6)	Token Ring	4.4V DC L-L	5V (1,2)
4-Wire RS-422 Terminal Strip (422)	5350-TEB (Stand-Alone)	4 Wire Terminal Strip (All)	RS-422	8V DC	15V
2-Wire Coax F-Connector	5350-PC (Stand-Alone)	2 (Center + Shield)	CATV	10V DC	25V (1, 3)
2-Wire Coax F-Connector	5350 SAT (Stand-Alone)	2 (Center + Shield)	DSS Systems	10V DC	25V (1, 3)
4-Wire Dial-up Lines Connector-RJ11	5350-PT4	4 Wire RJ11 (2, 3, 4, 5)	4-Wire Telco	90V DC	220V (1)
8-Wire Dial-up Lines Connector-RJ45	5350-PT8	8 Wire RJ45	8-Wire Telco	90V DC	220V (1)
4-Wire DDS Lines Connector-RJ45	5360-DDS (Stackable)	4 Wire RJ45 (1, 2, 7, 8)	Digital Data Service	70V DC	105V (1)
8-Wire RS232 Connector-RJ45	5360-RS2 (Stackable)	8 Wire RJ45 (1 thru 8)	RS-232	18V DC	27V (1)
4-Wire Ethernet Connector-RJ45	5360-TBT (Stackable)	4 Wire RJ45 (1, 2, 3, 6)	10 Base T	4V DC	5V (1, 2)

All devices are UL Listed and CSA Certified.



Cat. No. 5350-BNC



Cat. No. 5360-RS2

SPECIFICATIONS & FEATURES

- For use in commercial & residential environments
- Provides protection against transient voltage surges in a facility's communications lines
- Configurable to Local Area Networks (LAN's), Wide Area Networks (WAN's), Data Lines, CATV & CCTV Cable networks
- Individual devices can be applied as needed; several can be stacked together, to share a single 120V AC line receptacle as a common ground point

5350-TLL
- For use on 4-wire telephone lease line networks

5350-RS2 & 5360-RS2
- For use on 8-wire RS-232 communication networks

5350-TBT & 5360-TBT
- For use on 4-wire ethernet data lines

5350-BNC
- For use on video or IBM 3270 lines

5350-TTR
- For use on token ring data networks

5350-TEB
- For use on RS-422 data lines

5350-PC & 5350-SAT
- 5350-PC for CATV lines; 5350-SAT for satellite receiver lines
- PC is computer beige; SAT is dark blue-gray

5350-PT4 & PT8
- For use on 4– & 8-wire telephone lines
- PT4 is computer beige; PT8 is dark blue-gray

5360-DDS
- For use on 4-wire telephone digital data service lines

TESTING & CODE COMPLIANCE

- Meets IEEE C62.36 requirements
- UL Listed 497A (#E146315)
- UL 945-V flame retardant thermo-plastic

5350-PC & 5350-SAT
- UL Listed 452
- CSA Certified (#LR-94773)

MATERIAL CHARACTERISTICS

Operating Temperature: -40°C to 85°C

Storage Temperature: -40°C to 85°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

4900-PS

4950-PSC

SPECIFICATIONS & FEATURES

Plug Strips
- MOV surge protection for all outlets between line and neutral, neutral and ground, line and ground
- EMI/RFI filtering
- Green LED monitor light indicates that protection is active
- Equipped with a 6-foot 14-3 AWG power cord
- Lighted ON/OFF master switch
- Resettable circuit breaker overload protection
- Clamping voltage: 4800 strips – 400V all modes, 4900 strips – 330V all modes

Computer Grade Plug Strips
- Provide excellent surge suppression & EMI/RFI noise attenuation for micro-processor-driven electronic equipment
- Three-stage protection: hot-to-neutral, hot-to-ground, neutral-to-ground
- Built-in overload circuit-breaker with reset button
- Indicator lights confirm unit is operating & properly grounded
- Clamping voltage: 330V all modes

Plug-Ins
- Provide excellent surge suppression & EMI/RFI noise attenuation for micro-processor-driven electronic equipment
- Indicator lights confirm unit is operating & properly grounded
- Audible alarm indicates protection is no longer active
- Clamping voltage: 330V all modes

51000-SMC Surge Counter
- Plug-in design provides fast, simple way to determine if surges are present
- 3 settings indicate different sensitivity thresholds based on IEEE C62.41 impulse & ringwave waveforms
- Key operated to prevent tampering

Plug Strips

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet Plug Strip w/6' power cord	4800-PS	15A 125V	All-purpose
6-Outlet Plug Strip w/15' power cord	4800-S15	15A 125V	All-purpose
6-Outlet Plug Strip w/6' power cord, unswitched	4800-PSN	15A 125V	All-purpose
6-Outlet Plug Strip W/2 RJ11 Phone Jacks	4900-PST	15A 125V AC	Multi-stage protection

Computer Grade Plug Strips

DESCRIPTION	CAT. NO.	RATING	APPLICATION
7-Outlet (6 switched, 1 continuously live) Strip; beige	4950-PS	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
7-Outlet (6 switched, 1 continuously live) Strip w/Two RJ11 Phone Jacks; beige	4950-PST	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
7-Outlet (6 switched, 1 continuously live) Strip w/Two F-type Coax Connectors; beige	4950-PSC	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment

Plug-In Surge Suppressors

DESCRIPTION	CAT. NO.	RATING	APPLICATION
6-Outlet (2 front, 4 side switched) Plug-in; beige	4900-P	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
6-Outlet (2 front, 4 side switched) Plug-in w/Two RJ11 Phone Jacks; beige	4900-PT	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment
6-Outlet (2 front, 4 side switched) Plug-in w/Two F-type Coax Connectors; beige	4900-PC	15A 125V AC	EMI/RFI noise attenuation for micro-processor-driven electronic equipment

Surge Counter: 51000-SMC

DESCRIPTION	CAT. NO.
Plug-in Surge Counter	51000-SMC
Site Survey Kit*	51000-KIT

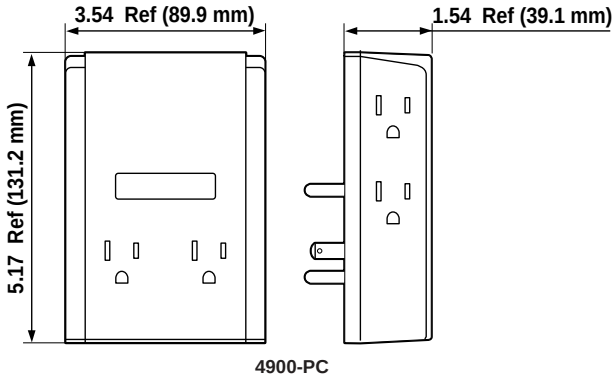
*Consists of 51000-SMC surge counter and 5200-P plug-in SPD in carrying case, along with Power Quality Site Survey Workbook.
All devices are UL Listed and CSA Certified.

TESTING & CODE COMPLIANCE

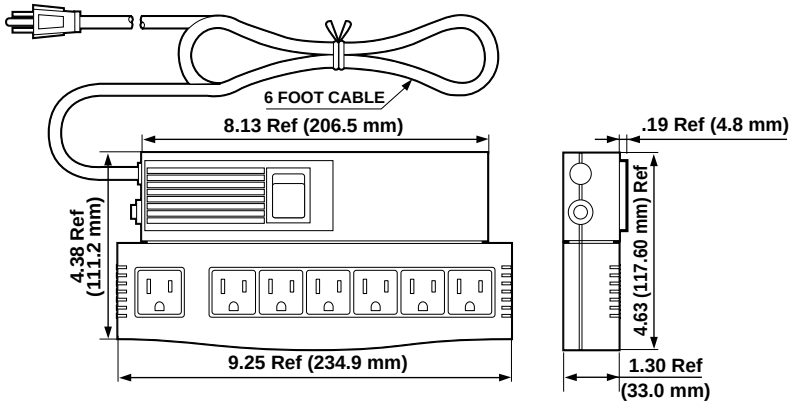
Plug Strips
- UL Listed Standard 1449
- Meets ANSI/IEEE C62.41 requirements

Computer Grade Plug Strips
- UL Listed1449
- Limited Lifetime Warranty

Plug-Ins
- UL Listed1449
- Limited Lifetime Warranty



4900-PC



4950-PS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

19" Rack-Mount Surge Protective Devices

DESCRIPTION	CAT. NO.	RATING
With ON/OFF Switch, NEMA 5-15P St. Blade Plug	5500-190	15A 125V
Without ON/OFF Switch, NEMA 5-15P St. Blade Plug	5500-15N	15A 125V
With ON/OFF Switch, NEMA L5-15P Locking Plug	5500-15L	15A 125V
Without ON/OFF Switch, NEMA L5-15P Locking Plug	5500-NL	15A 125V
With ON/OFF Switch, NEMA 5-20P St. Blade Plug	5500-192	20A 125V
With ON/OFF Switch, NEMA 5-15P St. Blade Plug	5505-190	15A 125V
Without ON/OFF Switch, NEMA 5-20P St. Blade Plug	5500-20N	20A 125V
With ON/OFF Switch, NEMA L5-20P Locking Plug	5500-20L	20A 125V
Without ON/OFF Switch, NEMA L5-20P Locking Plug	5500-2NL	20A 125V

5500-190

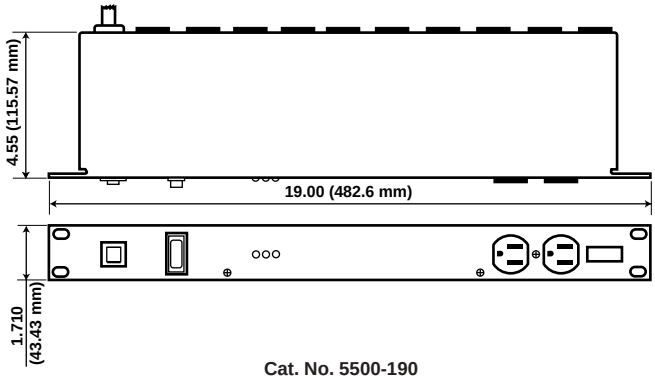
General Data

SPECIFICATION	5500-190, 5505-190, 5500-15N, 5500-15L, 5500-NL	5500-192,5500-20N, 5500-20L, 5500-2NL
Rated line voltage (VRMS)	120V	120V
Load current	15A	20A
Max. continuous operating voltage	135V	135V
Operating frequency range	50, 60Hz	50, 60 Hz

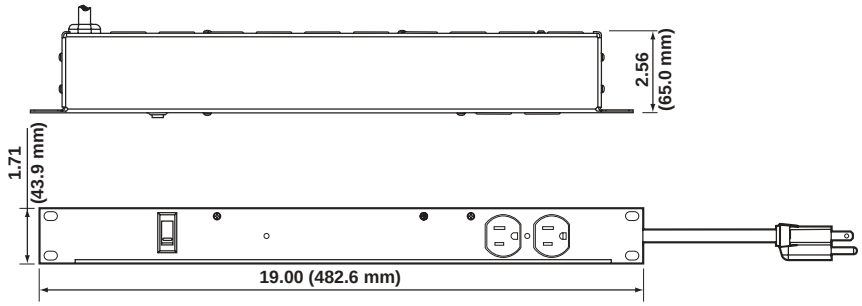
Performance Data

SPECIFICATION	5500 SERIES	5505 SERIES
Max. single-pulse transient current (8x20µs, Amps peak)	52kA	10kA
Rated single-pulse transient energy (10x1000µs, Joules)	1440 Joules	540 Joules
Noise Rejection @ 100kHz – 30MHz	-5 to -40dB	-5 to -40dB
UL 1449 (2nd Ed) Impulse 6kV/500A	330/330/330	400/400/400

All devices are UL Listed and CSA Certified.



Cat. No. 5500-190



Cat. No. 5505-190

SPECIFICATIONS & FEATURES

19" Rack Mount SPD's

- Mounts on 19" equipment racks to provide point-of-use surge suppression for electronic equipment
- Clamping profile tightly tracks AC sine wave
- 6 protected duplex receptacles-5 in back, 1 in front
- Available with easy-access ON/OFF rocker-style switch, or without switch to avoid unnecessary equipment switching
- Resettable circuit breaker protects against overloading & power supply failure
- Provided with 12-ft line cord with either NEMA 5-15P, L5-15P, 5-20P or L5-20P plug

TESTING & CODE COMPLIANCE

19" Rack Mount SPDs

- UL Recognized Component tested to UL 1449 standards
- Covered by a Lifetime Limited Downline Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C

Storage Temperature: -35°C to 60°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

50240-MSA

55175-ASA

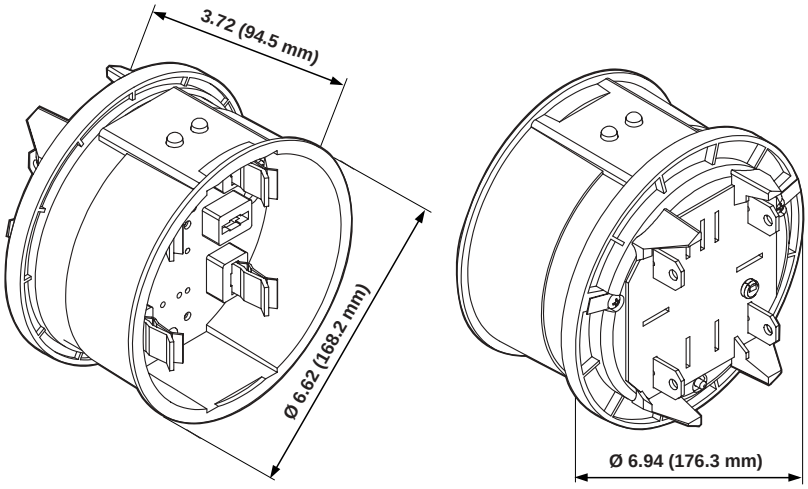
Meter Socket Surge Adapter

DESCRIPTION	CAT. NO.	RATING
Meter Socket Surge Adapter w/LED's Only	50240-MSA	120/240, 200A-4 Jaw
Meter Socket Surge Adapter w/LED's & Audible Alarm (Switchable)	50240-ASA	120/240, 200A-4 Jaw
Meter Socket Surge Adapter w/LED's Only	50240-FMA	120/240, 200A-5 Jaw
Meter Socket Surge Adapter w/LED's & Audible Alarm (Switchable)	50240-FAA	120/240, 200A-5 Jaw
Meter Socket Surge Adapter w/LED's & Audible Alarm (Switchable)	50208-ASA	120/208, 200A-7 Jaw, 3ø, 4-Wire

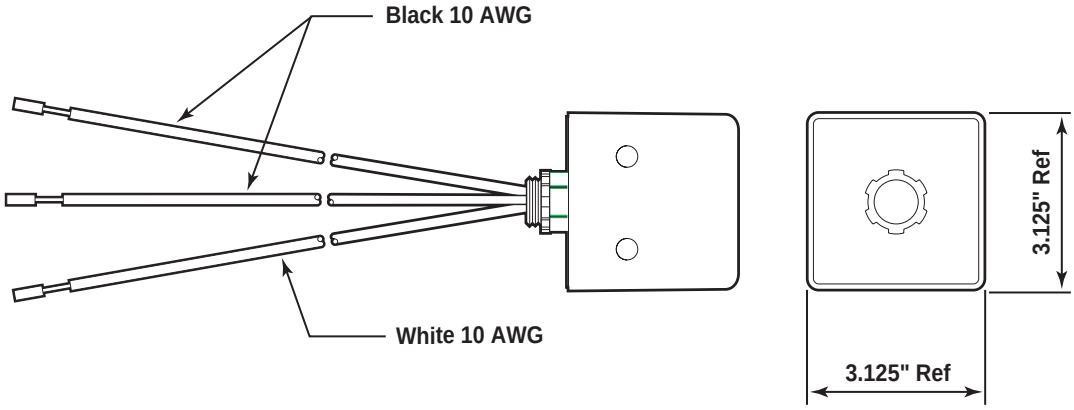
Secondary Surge Arresters

DESCRIPTION	CAT. NO.	MCOV	RATING
Secondary Surge Arrester	54175-SSA	150V AC*	120/240, 200A
Secondary Surge Arrester w/ LED's & Audible Alarm	55175-ASA	180V AC	120/240, 200A
Secondary Surge Arrester	55175-SSA	180V AC	120/240, 200A
Secondary Surge Arrester w/ LED's & Audible Alarm	55650-ASA	480V AC	277/480V AC WYE, 480V AC Delta 347/600V AC WYE, 600V AC Delta

*MOV's rated at 150V. UL assigns a derated MCOV of 132V for surge arrester applications



Cat. No. 50240-MSA



Cat. No. 55175-ASA

SPECIFICATIONS & FEATURES

Meter Socket Surge Adapter

- Single 53mm MOV per line design (Line 1-Neutral, Line 2-Neutral) provides a higher energy capacity than smaller size (20mm) MOV's
- Superior to multiple small MOV configurations where the protection is only as good as the weakest MOV in the chain
- Rated for 65,000 peak amps maximum surge current
- Nominal clamping voltage per line: 800V
- Diagnostic LED's: Green indicates surge protection is active, Red indicates protection is no longer active
- Designed for 120/240 volt single-phase ringless or ring-type meters
- Rugged housing constructed of high-impact, non-conductive fiberglass-reinforced polycarbonate
- Available in popular jaw configurations, featuring spring-loaded, high-pressure copper-plated contacts for maximum conductivity

Secondary Surge Arresters

- Units come with 18" pigtail leads
- Constructed of high-impact, non-conductive, fiberglass-reinforced polycarbonate
- Compact design for easy installation

TESTING & CODE COMPLIANCE

- Surge arrester performance tested to IEEE C62.11 (10,000 amps/4 x 10 µs), IEEE C62.11, C62.41 & C62.45 Category C Standards
- UL Listed Surge Arrester (465V Discharge voltage @ 1500 amps) (#E146315)
- CSA Certified (#LR94773)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C

Storage Temperature: -20°C to 85°C

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

General Purpose Plug-Ins

DESCRIPTION	CAT. NO.	RATING
6-Outlet Plug-in w/Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	3500-P	15A 120V
6-Outlet Plug-in w/two RJ11 Phone Jacks, 6 ft. Phone Cord, Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	3500-PT	15A 120V
6-Outlet Plug-in w/two F Coax Cable Connectors, 4 ft. Coax Cable Power & Circuit Monitor Lights UL 1449 (All Modes) 400V	3500-PC	15A 120V

51110 Series Residential Surge Protector Panels

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	51110-1	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with two pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	51110-PTC	120/240V AC
Multimedia Panel: 1-Phase, 3-Wire & Ground with four pairs of phone/fax/modem terminals and CATV/Satellite F-Connectors	51110-CT8	120/240V AC

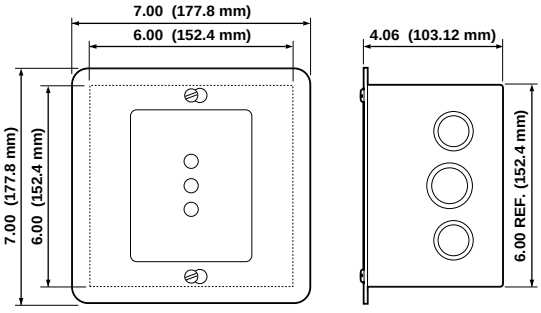
51120 Series Branch Panel SPD's

DESCRIPTION	CAT. NO.	RATING
1-Phase, 3-Wire & Ground	51120-1	120/240V AC
3-Phase WYE,4-Wire & Ground	51120-3	120/208V AC
1-Phase, 3-Wire & Ground; NEMA 3R Outdoor Enclosure	51120-3R	120/240V AC
1-Phase, 3-Wire & Ground; with RJ11Telephone and F-Connector CATV/Satellite Modules	51120-PTC	120/240V AC

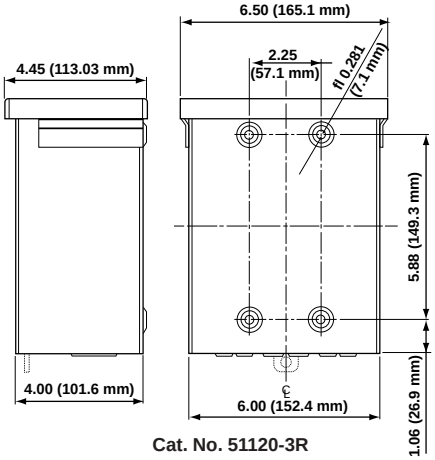
Surge Protector Panel Performance Specifications

CAT. NO.	MCOV	UL 1449 (2nd Ed) IMPULSE (6kV/500A)		MAX. SURGE CURRENT (Test w/8x20µs wave)
51110-1	150 V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51110-PTC	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51110-CT8	150V AC	L-N: 400V	L-L: 800V	L-N: 80kA
51120-1	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
51120-3	150V AC	L-N: 500V	L-L: 800V	L-N: 50kA
51120-3R	180V AC	L-N: 800V		L-N: 50kA
51120-PTC	150V AC	L-N: 500V	L-L: 800V	L-N: 80kA

All devices are UL Listed and CSA Certified.



Cat. No.51120-1



Cat. No. 51120-3R

51110-PTC

51120-1

SPECIFICATIONS & FEATURES

General Purpose Plug-Ins

- RFI filtering
- 3-stage protection: hot-to-neutral, hot-to-ground, neutral-to-ground
- Built-in fuse protection
- Monitor lights ON indicates circuit is powered & protected

51110 Series

- 51110-PTC provides protection for 2 telco lines and 2 coax feeds
- 51110-CT8 provides protection for 4 telco lines and 2 coax feeds
- Compatible with Decora Home Controls (see Section B)

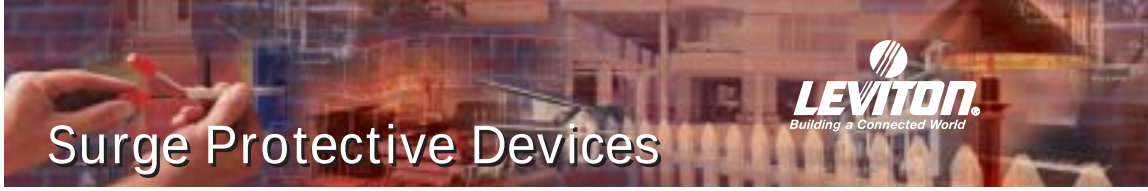
51120 Series

- Standard J-Box metal enclosures with pre-punched knockouts; 51120-3R features NEMA 3R enclosure
- Compatible with Decora Home Controls (see Section B)

TESTING & CODE COMPLIANCE

- UL Listed 1449
- Meets ANSI/IEEE C62.41 & C62.45 requirements for Categories A, B & C
- Backed by a Limited 10-Year Warranty
- **51110 Series:** CUL/US Certified
- **51120 Series:** UL Listed and CSA Certified

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Modular Surge Protective Strips

Expandable design with 2 slots for interchangeable plug-in modules — a "future-proof" feature that allows the 5950 strip to accommodate changing surge protection requirements.

5950 Modular Plug Strips — With six standard and three transformer-pad surge protected outlets, rated 15A 125V AC

DESCRIPTION	CAT. NO./COLOR	PROTECTION MODULES INCLUDED
Electronic Grade–for all electronic equipment	5950-0PS/Computer Beige 5950-PSG/Charcoal Gray	2-Blank
Home Office Grade–with protection for Phone/FAX/Modem	5950-0ST/Computer Beige 5950-STG/Charcoal Gray	1-Blank, 1-Telephone (1-Line In, 2-Line Out)
Home Theater Grade–with protection for CATV or DSS Coax Lines	5950-SCG/Charcoal Gray	1-Blank, 1-Coax (2-Pairs In/Out F Connectors)
Satellite System Grade–with protection for Phone/FAX/Modem and CATV or DSS Coax Lines	5950-SSG/Charcoal Gray	1-Telephone (1-Line In, 2-Line Out), 1-Coax (2-Pairs In/Out F Connectors)

5950 Performance Specifications

SPECIFICATION	ALL CAT. NO. 5950 STRIPS
Max. Continuous Operating Voltage	150 VRMS
Max. single-pulse transient current (8 x 20µsec, Amps peak)	92kA
Rated single-pulse transient energy (10 x 1000µsec,Joules)	1520 Joules
EMI/RFI Noise Rejection @ 50 Ohms 5kHz – 100MHz	-60dB
UL 1449 2nd Edition Clamping Rating (8 x 20µsec @ 3kA)	330V L-N, L-G, N-G

Interchangeable Plug-In Surge Protective Modules for All 5950 Strips

DESCRIPTION	CAT. NO./COLOR
Coax & Satellite Module — Two pairs of In/Out F Connectors for Satellite and Cable TV Systems	5951-0SA/ Computer Beige 5951-SAT/ Charcoal Gray
Ethernet Module — Two RJ45 Connectors with Ground Pin for Ethernet	5952-0ET/ Computer Beige 5952-ETH/ Charcoal Gray
Coax Module — One pair of In/Out F Connectors for Cable TV Systems	5953-0PC/ Computer Beige 5953-PCG/ Charcoal Gray
Telephone Module — One Input, Two Output Connectors for Phone/FAX/Modem, also acts as a splitter	5954-AT4/ Computer Beige 5954-PT4/ Charcoal Gray
DSL/ADSL Module — One Input, Two Output Connectors for DSL/ADSL Line, also acts as a splitter	5955-0DT/ Computer Beige 5955-DTG/ Charcoal Gray

Performance Specifications

CAT. NO.	MCOV (VDC)	CLAMPING VOLTAGE (VDC)	TESTED TO SPECS. OF:
5951	60	388	UL452
5952	16.6	23	UL497B
5953	60	388	UL452
5954	288	715	UL497A
5955	205	210	UL497A

SPECIFICATIONS & FEATURES

- Expandable modular design accepts a variety of plug-in modules to meet surge protection requirements as equipment changes
- Easy-to-use with six standard and three transformer-pad surge protected AC outlets
- Diagnostic indicators for Power, Protection, Polarity & Ground
- 7-1/2 ft cord with convenient right-angle plug

TESTING & CODE COMPLIANCE

- UL Listed Standard 1449 (2nd Edition) (#146315)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A & B
- CSA Certified (#LR-94773)
- Limited Downline Warranty

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge Protective Devices

Household Appliance Grade Surge Strips & Adapters

DESCRIPTION	CAT. NO.
6-Outlet Surge Strip, 210 Joules, 4 Ft. Cord, Plastic Housing	ADS-A1195
7-Outlet Surge Strip, 210 Joules, 15 Ft. Cord, Plastic Housing	ALS-A1187
6-Outlet Surge Strip, 70 Joules, 3 Ft. Cord, Plastic Housing	W05-A1186
4-Outlet Surge Strip, 140 Joules, 3 Ft. Cord, Plastic Housing	ACS-A1478
6-Outlet Surge Strip, 210 Joules, 3 Ft. Cord, Plastic Housing	ACS-H1194
6-Outlet Pro Grade Surge Strip, 420 Joules, 15Ft. Yellow Cord, 1 Transformer Pad, Metal Housing	PLL-A1396
3-Outlet Surge Adapter w/Powerline Protection, 210 Joules, Plastic	A00-A1532

Home Electronics Grade Surge Strips & Adapters

DESCRIPTION	CAT. NO.
5-Outlet Surge Strip w/Modem Line Protection, 450 Joules, 6 Ft. Cord, Plastic Housing	AFS-A1503
5-Outlet Surge Strip w/Cable TV Protection, 450 Joules, 6 Ft. Cord, Plastic Housing	AFS-A1504
9-Outlet Surge Strip, 520 Joules, 6 Ft. Cord, Plastic Housing	K00-H1204
6-Outlet Surge Strip w/Sliding Safety Cover, 210 Joules, 6 Ft. Cord, 3 Transformer Pads, Plastic Housing	WDS-A1182
Single Outlet Surge Adapter, 450 Joules, Plastic Housing	W00-A1511
6-Outlet Surge Adapter, 450 Joules, Plastic Housing	W00-A1587
6-Outlet Surge Adapter w/Cable TV Protection, 450 Joules, Plastic Housing	W00-A1588

Computer Grade Surge Strips & Adapters

DESCRIPTION	CAT. NO.
6-Outlet Surge Strip w/Alarm, 520 Joules, 4 Ft. Cord, Plastic Housing	ADS-A1512
7-Outlet Surge Strip w/ Modem Line Protection, 630 Joules, 9 Ft. Cord, Plastic Housing	WIS-H1468
6-Outlet Surge Strip, 630 Joules, 15 Ft. Cord, Metal Housing	ALS-A1487
6-Outlet Surge Strip, 630 Joules, 6 Ft. Cord, Metal Housing	A00-A1487
Single Outlet Laptop Surge Adapter, 470 Joules, Plastic Housing	K01-A1607
6-Outlet Surge Adapter w/Phone Line Protection,5870 Joules, Plastic Housing	W00-A1534

Extra-Outlet Power Centers (Not Surge Protected)

DESCRIPTION	CAT. NO.
6-Outlet Power Strip, 4 Ft. Cord, Plastic Housing; Color: Ash	ADS-A1193
6-Outlet Power Strip, 6 Ft. Cord, Plastic Housing; Color: Ash	AFS-A1493
6-Outlet Power Strip, 6 Ft. Cord, Plastic Housing; Color: White	WFS-A1493
6-Outlet Power Strip, 3 Ft. Cord, Plastic Housing; Color: Ash	A00-A1192
8-Outlet Power Strip, 4 Ft. Cord, Plastic Housing; Color: White	W00-A1209
6-Outlet Power Strip, 6 Ft. Cord, Metal Housing; Color: Ash	AFS-A1486
6-Outlet Pro Grade Power Strip, 15 Ft. Cord (Yellow), Metal Housing; Color: Black	PLL-A1395
6-Outlet Pro Grade Power Strip, 6 Ft. Cord (Yellow), Metal Housing; Color: Ash	AFS-A1505
6-Outlet Power Adapter, Plastic Housing; Color: White	W01-A1499

K00-H1204

W00-A1534

SPECIFICATIONS & FEATURES

Appliance Grade Series
- 15A circuit breaker
- Lighted switch to indicate unit is on
- Lifetime product warranty

Home Electronics Grade Series
- $2500 Connected Equipment Warranty (most units)
- Modem & cable protection
- Lifetime product warranty

Computer Grade Series
- Modem line protection available
- Lifetime product warranty
- $10,000 Connected Equipment Warranty

Power Centers
- 15A circuit breaker
- Lighted switch to indicate unit is on
- 5-Year Product Warranty on most units

TESTING & CODE COMPLIANCE
- UL 1449, 1363, 1283 (#E146315)
- CSA Certified (#LR-94773)
- Meets ANSI/IEEE C62.41 & C62.45 Categories A & B

MATERIAL CHARACTERISTICS
Operating Temperature: 0ºC to 40ºC
Storage Temperature: -35ºC to 60ºC

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

U2000-ONL

U1500-SK

Lev-UPS™ Uninterruptible Power Supplies (UPS's)

Leviton's new Lev-UPS™ product line offers the latest technology and features available in Uninterruptible Power Supplies. Lev-UPS™ devices will help prevent losses and costly downtime associated with outages, sags and blackouts. They are designed to provide back-up power for computers and workstations, data and telecom stations, industrial and commercial controls, medical equipment, lighting and many other sensitive loads.

Lev-UPS™ Online & Sine Series Uninterruptible Power Supply (UPS's)

CAT. NO.	PRODUCT NAME	RATING/DESCRIPTION	MAXIMUM BACK-UP TIME
U1000-ONL	**Online 1000**	On-Line, Pure Sine Wave, Tower, 1000VA, 4-Outlets, Software	54 minutes
U2000-ONL	**Online 2000**	On-Line, Pure Sine Wave, Tower, 2000VA, 8-Outlets, Hard-Wire, Software	97 minutes
U3000-ONL	**Online 3000**	On-Line, Pure Sine Wave, Tower, 3000VA, 8-Outlets, Hard-Wire, Software	105 minutes
U1000-ORM	**Online 1000RM**	On-Line, Pure Sine Wave, 3U Rack Mount, 1000VA, 4-Outlets, Software	49 minutes
U2000-ORM	**Online 2000RM**	On-Line, Pure Sine Wave, 3U Rack Mount, 2000VA, 8-Outlets, Hard-Wire, Software	74 minutes
U3000-ORM	**Online 3000RM**	On-Line, Pure Sine Wave, 3U Rack Mount, 3000VA, 8-Outlets, Hard-Wire, Software	99 minutes
U1000-SK	**Sine 1000**	Line Interactive, Pure Sine Wave, Tower, 1000VA, 4-Outlets, Surge, Software	42 minutes
U1500-SK	**Sine 1500**	Line Interactive, Pure Sine Wave, Tower, 1500VA, 6-Outlets, Surge, Software	70 minutes
U3000-SK	**Sine 3000**	Line Interactive, Pure Sine Wave, Tower, 3000VA, 6-Outlets, Surge, Software	182 minutes
U0800-SRM	**Sine 800RM**	Line Interactive, Pure Sine Wave, 3U Rack Mount, 800VA, 4-Outlets, Surge, Software	45 minutes
U1500-SRM	**Sine 1500RM**	Line Interactive, Pure Sine Wave, 3U Rack Mount, 1500VA, 4-Outlets, Surge, Software	70 minutes
U3000-SRM	**Sine 3000RM**	Line Interactive, Pure Sine Wave, 3U Rack Mount, 3000VA, 6-Outlets, Surge, Software	178 minutes

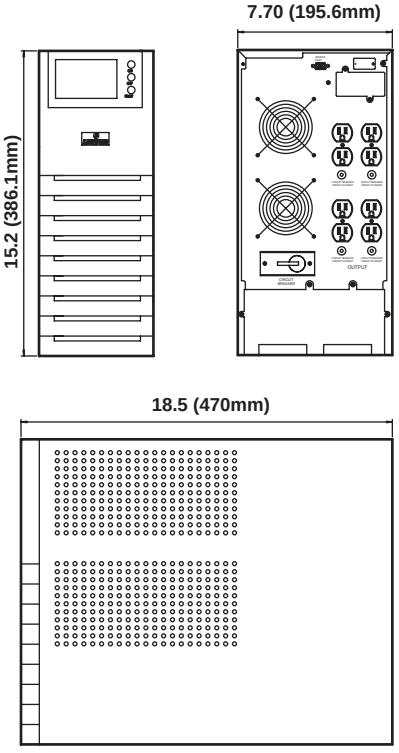
SPECIFICATIONS & FEATURES

- Microprocessor control on all models
- Online Series models have true On-Line Double Conversion Topology with Input Power Factor Correction
- Sine Series models have Line-Interactive Topology (AVR)
- Lev-CON™ line interactive voltage regulation on all models. Compensates for minor sags and swells without transferring to battery, extending battery life
- Lev-WARE™ UPS control & monitoring software on all models
- Advanced Battery Management (ABM)
- Cold start capability (DC Power Up)
- Energy-saving sleep mode
- 50/60Hz auto sensing
- Overload & short-circuit protection
- Reliable design with high-MTBF
- Single circuit board with minimal wiring
- Lower operating temperatures
- Surge protection on AC & communication line
- User-replaceable, sealed, maintenance-free lead acid batteries

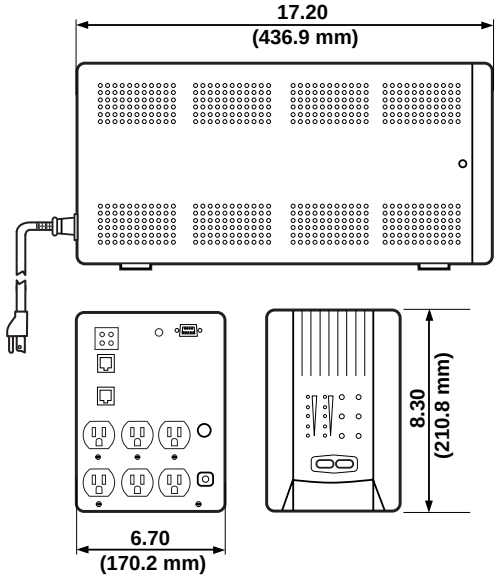
TESTING & CODE COMPLIANCE

- UL 1778 & cUL Listed (File # E195168)
- FCC compliant
- ISO 9001 certified
- 2-Year Limited Warranty covers parts, labor and battery
- Limited Connected-Equipment Warranty
- Exclusive Limited Under-Voltage Monitor Warranty

Note: Consult your Leviton representative for complete Lev-UPS™ warranty details



Cat. No. U2000-ONL & U3000-ONL



Cat. No. U1500-SK

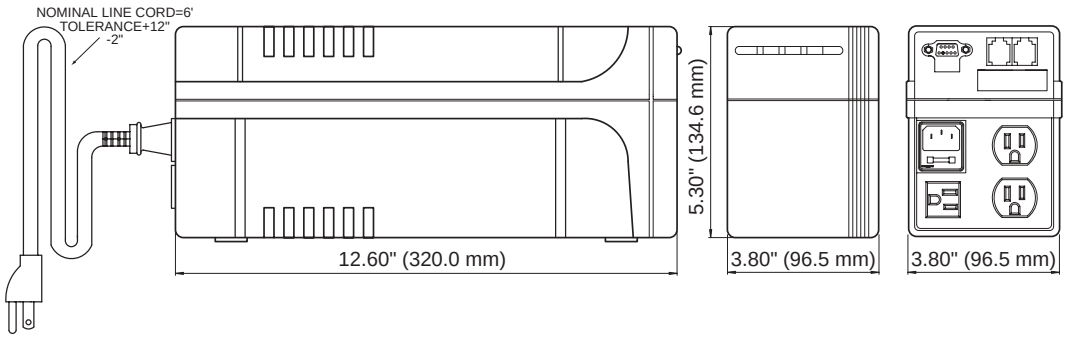
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Lev-UPS™ Pro, Slim & Strip Series Uninterruptible Power Supplies (UPS's)

CAT. NO.	PRODUCT NAME	RATING/DESCRIPTION	MAXIMUM BACK-UP TIME
U0425-AKP	**Pro 425**	Line Interactive, Simulated Sine Wave, Tower, 425VA, 2-Outlets, Surge, Software	78 minutes
U0625-AKP	**Pro 625**	Line Interactive, Simulated Sine Wave, Tower, 625VA, 2-Outlets, Surge, Software	70 minutes
U1000-AKP	**Pro 1000**	Line Interactive, Simulated Sine Wave, Tower, 1000VA, 5-Outlets, Surge, Software	80 minutes
U1500-AKP	**Pro 1500**	Line Interactive, Simulated Sine Wave, Tower, 1500VA, 6-Outlets, Surge, Software	118 minutes
U2200-AKP	**Pro 2200**	Line Interactive, Simulated Sine Wave, Tower, 2200VA, 6-Outlets, Surge, Software	246 minutes
U0500-AKP	**Slim 500**	Line Interactive, Simulated Sine Wave, 1U, 500VA, 5-Outlets, Surge, Software	70 minutes
U0600-ARM	**Slim 500**	Line Interactive, Simulated Sine Wave, 1U Rack Mount, 600VA, 5-Outlets, Surge, Software	150 minutes
U0320-SKO	**Strip 320**	Off-Line, Simulated Sine Wave, 320VA, 6-Outlets, Surge, Software	19 minutes
U0520-SKO	**Strip 520**	Off-Line, Simulated Sine Wave, 520VA, 6-Outlets, Surge, Software	28 minutes

U2200-AKP

U0600-ARM



Cat. Nos. U0425-AKP & U0625-AKP

SPECIFICATIONS & FEATURES

- Microprocessor control on all models
- Lev-CON™ line interactive voltage regulation on all models (except Strips). Compensates for minor sags and swells without transferring to battery, extending battery life
- Lev-WARE™ UPS control & monitoring software on all models
- Advanced Battery Management (ABM)
- Cold start capability (DC Power Up)
- Energy-saving sleep mode
- 50/60Hz auto sensing
- Overload & short-circuit protection
- Reliable design with high-MTBF
- Single circuit board with minimal wiring
- Lower operating temperatures
- Surge protection on AC & communication line
- User-replaceable, sealed, maintenance-free lead acid batteries

TESTING & CODE COMPLIANCE

- UL 1778 & cUL Listed (File # E195168)
- FCC compliant
- ISO 9001 certified
- 2-Year Limited Warranty covers parts, labor and battery
- Limited Connected-Equipment Warranty
- Exclusive Limited Under-Voltage Monitor Warranty

Note: Consult your Leviton representative for complete Lev-UPS™ warranty details

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

“In the office, Leviton Voice & Data provide me with the connectivity products that make our operations run smoothly. For fiber and copper solutions, we depend on Leviton.”

Telemarketing Operations Manager

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Multimedia Structured Cabling Systems

The Leviton Voice & Data Division offers a vast array of multimedia solutions for commercial and residential structured cabling. Leviton provides a broad line of state-of-the-art voice/data connectivity products, supporting industry standards and open-architecture requirements. All our products have built-in installer and user-friendly design features to reduce installation time and costs for adds, moves or changes.

CONNECTORS, WALLPLATES AND HOUSINGS

QuickPort® UTP Copper Connectors ... S1
QuickPort Audio/Video Cable Connectors ... S2–S3
Push-On, Twist-On & Crimp-On F Connectors ... S3
Fiber Optic Connectors & Adapters ... S4–S6
QuickPort Shutters & Icons ... S6
QuickPort Multimedia Outlet System ... S7–S8
QuickPort Flush Mount Wallplates ... S9–S11
QuickPort Decora Multimedia Inserts ... S12–S13
Out-of-Sight PowerJack™ ... S13
Standard Flush Mount Wall Jacks ... S14–S17
Standard Surface Mount Jacks ... S18
QuickPort Modular Furniture Faceplates ... S19
QuickPort Surface Mount Housings ... S20
Workstation Accessories ... S21

COPPER COMPONENTS

Universal Category 6 Patch Panels ... S22
Universal Category 5 & 5e Patch Panels and Blocks ... S23
Voice Grade Patch Panels ... S24
QuickPort Multimedia Patch Panels and Blocks ... S25–S26
Performance Patch Cords & Accessories ... S27
110 Wiring Products ... S28–S30
Surface Mount Mini Patch Panels ... S31
66 Clip Connecting Blocks & Accessories ... S32–S34

FIBER COMPONENTS

Low-Profile Rack-Mount Fiber Panels ... S35
2RU Universal Rack-Mount Fiber Panels ... S36
Rack-Mount Fiber Panels ... S37
Wall-Mount Fiber Panels ... S38
Fiber Optic Cable Assemblies ... S39
Fiber Optic Accessories ... S40–S41

CABLE MANAGEMENT, TOOLS & ACCESSORIES

Cable Management Systems & Components ... S42–S46
Cable Joe® Clamp-On Cable Router ... S47
Residential Tool Kit ... S47
Universal Fiber Optic Tool Kits & Individual Tools ... S48–S50
Tone Test Set, Inductive Speaker Probe ... S51
Crimping and Stripping Tools ... S51
Craftsperson's Handset ... S52
Punchdown/Termination Tools and Blades ... S52
Modular Plug Breakout Adapter ... S52

SECTION S

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A

B

C

D

E

F

QuickPort® Snap-In Connectors for UTP Copper Cable

A–F *The cornerstone of our superior copper structured cabling systems—eXtreme® 6+ System Category 6, GigaMax 5e, Category 5 and Category 3 snap-in connectors feature dual-color-coded wiring labels with both T568A and T568B wiring patterns, for dual flexibility in a single connector, plus fast, accurate termination of station wiring. Voice Grade Connectors are available in 6 or 8-conductor USOC styles. eXtreme 6+ System Category 6 connectors feature standard QuickPort compatibility, and a rear termination field for easy termination of a jack while installed in a wallplate or field-configurable panel. Connectors are available in 13 colors for matching or color-coding.*

All modules meet or exceed industry standards. All category-rated connectors are fully compliant with published TIA-568-B requirements. All other QuickPort connectors and modules are UL certified and are fully compliant with NEC® Article 800.

QuickPort® Snap-In Connectors

eXtreme 6+ System Category 6 Connectors U S

DESCRIPTION	CAT. NO.
A **8-conductor eXtreme 6+ connector, Category 6**	61110-R*6

Category 5e GigaMax Connectors U S

DESCRIPTION	CAT. NO.
B **8-conductor channel-rated connector**	5G108-R*5
C **8-conductor component-rated connector**	5G109-R*5

Category 5 Connectors U S

DESCRIPTION	CAT. NO.
D **8-conductor connector**	41108-R*5
8-conductor connector, keyed	41108-K*5

Category 3 Connectors U S 3

DESCRIPTION	CAT. NO.
E **8-conductor connector**	41108-R*3

Voice Grade Connectors U S

DESCRIPTION	CAT. NO.
F **6-conductor USOC connector**	41106-R*6
8-conductor USOC connector	41108-R*8

*=Color choices for connectors: Choose from any of the below choices

QuickPort® Snap-In Connector Colors —*Your choice of 13 connector colors—the largest selection in the industry provides many options for color-coded port ID.*

Ivory (I) · White (W) · Gray (G) · Black (E) · Orange (O) · Blue (L) · Crimson Red (C) · Yellow (Y) · Green (V) · Purple (P) · Almond (A) · Brown (B) · Dark Red (R)

*COLOR/CONNECTORS

Colors as listed. Color selection, as follows: Ivory (I), Orange (O), Brown (B), White (W), Blue (L), Almond (A), Gray (G), Red (R), Crimson Red (C), Green (V), Black (E), Yellow (Y), Purple (P).

MATERIAL CHARACTERISTICS

- All module bodies are fire-retardant plastic rated UL 94V-0
- Jack spring contacts are the highest quality phosphor bronze, plated with 50 microinches of gold over 100 microinches of nickel for lowest contact resistance, maximum life

TESTING & CODE COMPLIANCE

- All category-rated connectors comply with TIA-568-A requirements
- UL Listed
- Fully compliant with NEC Article 800
- Meet FCC Part 68

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Snap-In Adapters & Connectors for Audio/Video

Mix & match QuickPort Snap-In Adapters and Connectors for Audio/Video with other QuickPort connectors to create a customized multimedia center in any single- or dual-gang wallplate. Inserts require no soldering, and connections can be made with standard industry tools.

A BNC QuickPort Adapter: One gold-plated female-to-female connector per unit pack. Twist-on front and rear connections using BNC plugs. Applications: high-end video, home theater, CCTV, LAN. Cable: shielded video & data cable.

B F-Type QuickPort Adapter: One nickel or gold-plated female-to-female connector per unit pack. Screw-on front and rear connections. Applications: TV, VCR, DVD, satellite, home theater. Cable: RG6 coaxial cable terminated with "F" plugs.

C S-Video Connector: Run high quality S-Video over standard UTP wire. Features a standard flush-mount S-Video connector on the front and simple, field-terminable 110 punchdowns on the rear. Applications: audio/video, conference rooms, classrooms, computers, projectors. Cable: UTP Category 5, 5e or 6 cable.

D Blank Inserts: Cover up unused QuickPort housing openings.

E RCA Adapters: One black, yellow or red striped color-coded module per unit pack. Front and rear connections use RCA plugs. Applications: audio/video, home theatre. Cable: shielded audio/video cable w ith terminated RCA plugs.

F RCA-110 Connector: Run high quality audio and video over standard UTP wire. Features a standard RCA connector on the front and field-terminable 110 punchdowns on the rear. Applications: audio/video, VCR, DVD, computers and gaming consoles. Cable: UTP Category 5, 5e or 6 cable.

All modules meet or exceed industry standards. All QuickPort connectors and modules are UL certified, fully compliant with NEC® Article 800, and meet FCC Part 68.

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

QuickPort® Snap-In Modules U

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. BLACK	CAT. NO. GRAY
A **BNC Adapter, nickel-plated**	41084-BIF	41084-BWF	41084-BAF	41084-BEF	41084-BGF
A **BNC Adapter, gold-plated**	40832-BI	40832-BW	40832-BA	——	——
B **F-type Adapter, nickel-plated**	41084-FIF	41084-FWF	41084-FAF	41084-FEF	41084-FGF
B **F-type Adapter, gold-plated**	40831-BI	40831-BW	40831-BA	——	——
C **S-Video module, 110 termination**	40734-SVI	40734-SVW	40734-SVA	40734-SVE	40734-SVG
D **Blank Insert (pack of 10)**	41084-BIB	41084-BWB	41084-BAB	41084-BEB	41084-BGB
E **RCA Speaker Jack, gold-plated w/black stripe**	40830-BIE	40830-BWE	40830-BAE	——	——
E **RCA Speaker Jack, gold-plated w/red stripe**	40830-BIR	40830-BWR	40830-BAR	——	——
E **RCA Speaker Jack, gold-plated w/yellow stripe**	40830-BIY	40830-BWY	40830-BAY	——	——
F **RCA-110 Connector**	40735-R*I	40735-R*W	40735-R*A	40735-R*E	40735-R*G

*= RCA-110 Connector Inner Barrel Color: Orange(O), Red(R), White(W), Yellow(Y)

Materials: All module bodies are fire-retardant plastic rated UL 94V-0.

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

A

B

C

D

E

F

MATERIAL CHARACTERISTICS

- All module bodies are fire-retardant plastic rated UL 94V-0

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A, B

C, D

E, F

G, H, I

J

K

L, M

QuickPort® Snap-In Adapters & Connectors for Audio

A, B *Banana Jack Adapters: One black striped or one red striped color-coded module per unit pack. Screw-on rear-side connections. Front-side connections use standard banana plugs. Applications: speaker connections. Cable: speaker wire terminated with banana plugs.*

C, D *Binding Post Adapters: One black striped or one red striped color-coded module per unit pack. Screw-on rear-side connections. Optional front-side connections—either screw-on or push-in—for banana plugs, speaker tip, spade tip, or bare wire. Applications: audio speaker connections. Cable: speaker wire.*

All modules meet or exceed industry standards. All QuickPort connectors and modules are UL certified, fully compliant with NEC® Article 800, and meet FCC Part 68.

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

NOTE: RCA connectors (page S2) are also suitable for Video applications.

QuickPort® Snap-In Modules U

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND
A **Banana Jack Adapter, gold-plated w/black stripe**	40837-BIE	40837-BWE	40837-BAE
B **Banana Jack Adapter, gold-plated w/red stripe**	40837-BIR	40837-BWR	40837-BAR
C **Binding Post Adapter w/black stripe**	40833-BIE	40833-BWE	40833-BAE
D **Binding Post Adapter w/red stripe**	40833-BIR	40833-BWR	40833-BAR

Materials: All module bodies are fire-retardant plastic rated UL 94V-0.

Part numbers shown are for individual polybag packages in standard cartons. Some carded and contractor packs also available. Call customer service at 1-800-722-2082.

Push-On, Twist-On & Crimp-On F-Connectors

E, F *Push-On F-Connectors: Quick, cost-effective 75 Ohm coaxial cable terminations. Require no crimping tools. Quick and Universal versions accommodate RG-59, RG-6, and RG-6 Quad coax diameters.*

G–K *1-Piece and 2-Piece Crimp-On F-Connectors: Terminates 75 Ohm coaxial cable with a crimp-on male F-Connector. 2-piece version with separate crimp ring, or one-piece version with crimp ring attached. Both RG-59 and RG-6 versions available. Crimping tool required.*

L, M *Twist-On F-Connectors: Twist-on male F-Connector for 75 Ohm coaxial cable. No crimping required. RG-59 and RG-6, and Universal versions.*

Push-On, Twist-On & Crimp-On F-Connectors

DESCRIPTION	CAT. NO.
E **Universal F-Connector (bag of 100 with installation tool)**	40985-HPC
F **Quick F-Connector Adapter (for Universal F) (bag of 20)**	40985-HPM
G **One-piece Crimp-on for RG-6 quad shield (bag of 100)**	40985-Q6
H **One-piece Crimp-on for RG-59 (bag of 100)**	40985-1P9
I **One-piece Crimp-on for RG-6 (bag of 100)**	40985-1P6
J **Two-piece Crimp-on for RG-59 (bag of 100)**	40985-2P9
K **Two-piece Crimp-on for RG-6 (bag of 100)**	40985-2P6
L **Twist-On Connector for RG-59 (bag of 100)**	40985-TW9
M **Twist-On Connector for RG-6 (bag of 100)**	40985-TW6

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fiber Optic Connectors & Adapters

Thread-Lock® Reusable Fiber Connectors, Multimode and Singlemode

A-C *Award-winning Thread-Lock Connectors, available in SC, FC and ST® styles, are reusable, field-terminable fiber optic connectors with a simple, craft-friendly installation. Use at the frame or workstation. No heat, epoxy or proprietary tools required. Feature silicone snap-on build-up sleeves for easy installation. Available in versions for use with 62.5/125 and 50/125 multimode or singlemode fiber cable. Each box of 50 connectors includes one tightening tool.*

Thread-Lock Fiber Connectors

DESCRIPTION	SINGLEMODE CAT. NO.	MULTIMODE CAT. NO.
A **SC Thread-Lock Connector**	49884-SSC (blue)	49884-MSC (beige)
B **FC Thread-Lock Connector**	49883-SFC	49883-MFC
C **ST Thread-Lock Connector**	49882-SST	49882-MST

Spectro-Link™ MT-RJ Fiber Connectors, Multimode

D, E *Leviton offers two styles of dual-polarity, field-configurable MT-RJ connectors. Spectro-Link Workstation connectors offer innovative push-button fiber termination, and plug directly into our MOS adapters (see page S8). Spectro-Link Frame-Station connectors use a cam technology to lock the fiber into a terminated position for use in frame or, with adapters, in the workstation. Both feature a pre-polished ribbon fiber ferrule that eliminates polishing. Fiber can be tested and reterminated before crimping.*

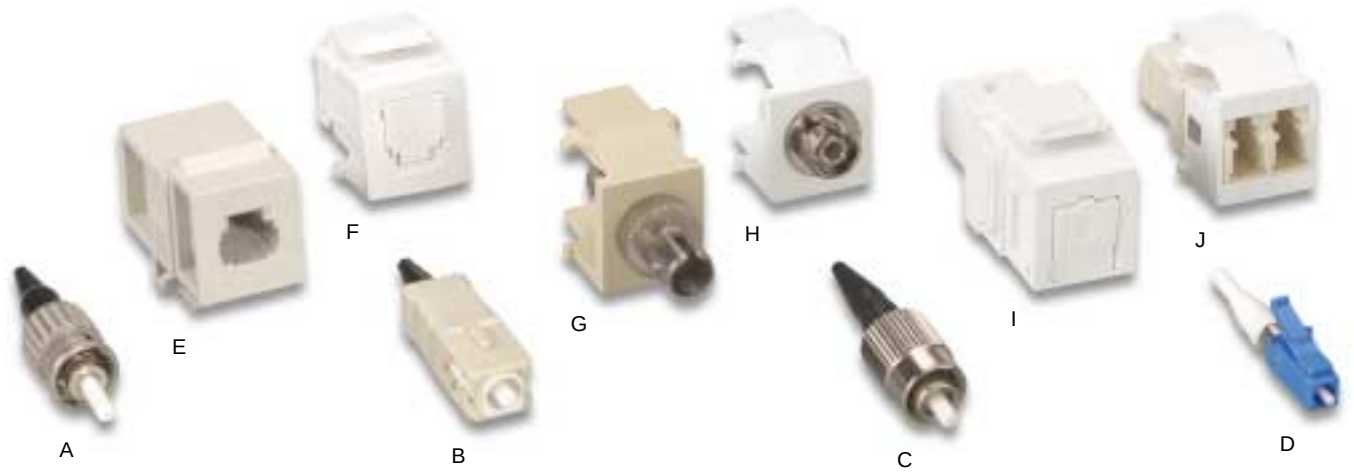
Spectro-Link MT-RJ Connectors

DESCRIPTION	CAT. NO.
D **Spectro-Link High-Density MT-RJ Frame-Station Connector, multimode, 62.5 µm**	49888-6SF
Spectro-Link High-Density MT-RJ Frame-Station Connector, multimode, 50.0 µm	49888-5SF
E **Spectro-Link High-Density MT-RJ Workstation Connector, multimode, 62.5 µm**	49888-6SW
Spectro-Link High-Density MT-RJ Workstation Connector, multimode, 50.0 µm	49888-5SW

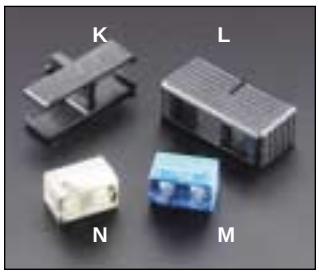
For a complete listing of Fiber Optic Tools, see the Tools section, Pages S48–S50.

OPTIX™ FIBER CABLING SYSTEM

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Leviton QuickPort fiber adapters fit into any Leviton QuickPort wallplate or housing, providing a high-density fiber-to-the-workstation solution, see pages S19–S21 for workstation options.



Fast-Cure Fiber Adhesive Connectors

ST®, FC, SC and LC Connectors

A–D *Leviton Fast Cure adhesive connectors, available in ST, SC, FC, and LC styles, are reliable, cost-effective fiber optic connectors with quick, adhesive termination. Feature precision pre-radiused zirconia ferrules, high cable retention crimp, and patented non-optical disconnect spacer design. Available in multimode or singlemode versions.*

Fast-Cure Fiber Adhesive Connectors

DESCRIPTION	SINGLEMODE CAT. NO.	MULTIMODE CAT. NO.
A **ST Fast Cure Connector**	49990-SST	49990-MST
B **SC Fast Cure Connector**	49990-SSC	49990-MSC
C **FC Fast Cure Connector**	49990-SFC	49990-MFC
D **LC Fast Cure Connector with 3mm boot**	49990-SL2	49990-ML2
LC Fast Cure Connector with .9mm boot	49990-SDL	49990-MDL

QuickPort® Fiber Adapters & Accessories

E-J *Leviton offers QuickPort adapters to bring Thread-Lock and Fast-Cure fiber to any QuickPort wallplate or housing. FC, SC, ST, LC and MT-RJ adapters, in various colors.*

Fiber Adapters

DESCRIPTION	CAT. NO.
E **Spectro-Link Multimode Keystone Adapter for Frame-Station Conn., dual-polarity**	49889-KMA
F **Spectro-Link QuickPort Frame-Station Adapter, for Frame-Station Connector**	49889-QF*G
G **ST QuickPort Fiber Optic Adapter, SM/MM, Phos. Bronze Sleeve**	41084-S*P
ST QuickPort Fiber Optic Adapter, SM/MM, Zirconia Sleeve	41084-S*Z
H **Simplex FC QuickPort Fiber Optic Adapter, SM/MM, Phos. Bronze Sleeve**	41084-F*P
Simplex FC QuickPort Fiber Optic Adapter, SM/MM, Zirconia Sleeve	41084-F*Z
I **QuickPort Multimode Simplex SC Adapter Module, Phos Bronze**	41085-M*C
QuickPort Singlemode Simplex SC Adapter Module, Zirconia Ceramic	41085-S*C
J **QuickPort Duplex LC Adapter, SM/MM, Phos. Bronze Sleeve**	41085-ML*
QuickPort Duplex LC Adapter, SM/MM, Zirconia Ceramic Sleeve	41085-SL*

*=Colors: White(W), Ivory(I), Grey(G), Black(E)

Duplex Clips

DESCRIPTION	CAT. NO.
K **SC Duplex Clip for Thread-Lock Connector, black (bag of 25)**	49884-DPC
L **SC Duplex Clip for Fast-Cure Connector, black (bag of 25)**	49886-DSC
M **LC Duplex Clip for Fast-Cure Connector, blue (bag of 25)**	49886-DLS
N **LC Duplex Clip for Fast-Cure Connector, beige (bag of 25)**	49886-DLM

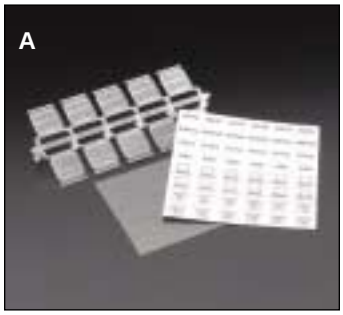
Sleeves for Thread-lock Connectors

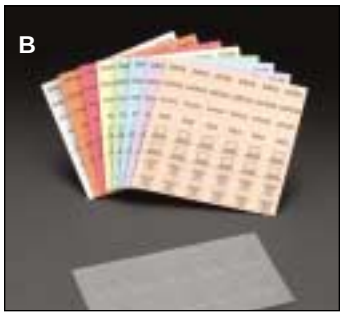
DESCRIPTION	CAT. NO.
O **Silicon Build-up Sleeve Kit, includes one of each type of BUS (bag of 10)**	49885-SBS

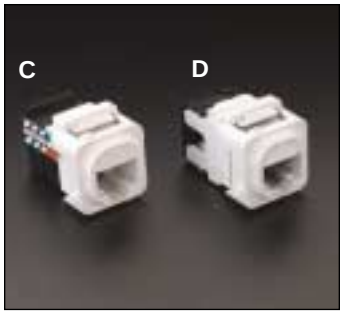
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

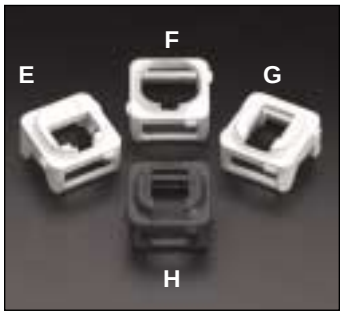
FEATURES —

- Field-installable hinged shutter protects connectors against dust and debris.
- Shutters fit on Category 6, Category 5e, Category 5, Category 3 and USOC 8-position connectors.
- Pre-printed labels, available in accessory kits, include text (Data, Data2, Voice and Fax) and icons (Computer and Telephone) for residential and commercial applications.









QuickPort® Shutters & Icons

Leviton's field-installable QuickPort Shutters protect connectors from dust and debris with a unique, one-piece hinged door. Suitable for commercial and residential applications. Shutters feature labels and recessed windows, and they fit on Leviton Category 6, 5e, 5, 3 and USOC connectors, when used in a QuickPort wallplate or housing. Optional label kits are available. NOTE: SHUTTERS DO NOT WORK WITH CONNECTOR INTERFACE BEZELS.

Fiber Adapters

	DESCRIPTION	CAT. NO.
A	**QuickPort Shutter Kit w/Leviton logo and miscellaneous icons**	51084-ICN
	Accessory Kit w/pre-printed icons on white paper	51084-XLB
B	**Color Label Kit w/pre-printed icons on colored paper***	51084-CLB

*Color Label Kit includes: brown, green, orange, red, blue, grey, yellow and purple.

Connector Interface Bezels

Adapt a variety of connector styles to Clipsal and HPM wallplates with this series of snap-on bezels. 8-Pin Connector Interface Bezels are suitable for any Category 5, 5e and 6 Connectors. MT-RJ Connector Interface Bezels work with Spectro-Link Frame-Station Adapters. Multimedia Connector Interface Bezels can be used with QuickPort BNC, RCA, S-Video, Banana Jack, F-Connectors, Binding Posts, FC & ST Connectors. NOTE: BEZELS DO NOT ACCOMMODATE QUICKPORT SHUTTERS.

Fiber Adapters

	DESCRIPTION	CAT. NO.
C	**8-Pin Connector Interface Bezel and GigaMax 5e connector (w/Leviton logo)**	5G109-A*5
D	**8-Pin Connector Interface Bezel and eXtreme 6+ connector (w/Leviton logo)**	61110-A*6
E	**8-Pin Connector Interface Bezel, white**	BEZEL-WHT
F	**Multimedia Connector Interface Bezel, white**	BEZEL-MBW
G	**MT-RJ Connector Interface Bezel, white**	BEZEL-MTW
H	**MT-RJ Connector Interface Bezel, black**	BEZEL-MTE

***Color choices for connector and bezel:**

White(W) Gray(G) Black(E) Orange(O) Blue(L) Crimson Red(C) Yellow(Y) Green(V)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Multimedia Outlet System (MOS)

The innovative QuickPort Multimedia Outlet System is designed to provide the highest level of application and installation flexibility for fiber optic and twisted-pair connectivity. It consists of a surface mount box and single- and dual-gang wallplates, which accept QuickPort simplex snap-in modules, plus a variety of duplex fiber optic bulkhead modules.

The MOS line is distinguished from other QuickPort housings by several features: front-load installation capability so that changes can be made without dismantling the entire device; duplex modules and fiber coupling types for SC, ST, MT-RJ and other applications; the addition of S-video and RCA adapters for high-definition audio/video; and design elements for enhanced routing, storage and bend radius protection of fiber and copper cabling. See individual product descriptions for more features.

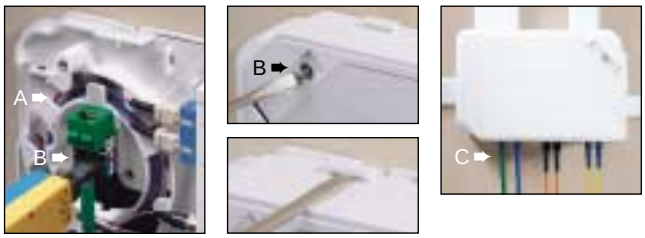
FEATURES —

A Multiple connector termination stations provide stabilized punchdown support.

B Leviton's exclusive dual rings store the fiber loop and provide multiple straight paths to each port.

C Single latch cover with security option restricts access if desired.

D Multi-directional mounting and raceway access allow complete installation flexibility.

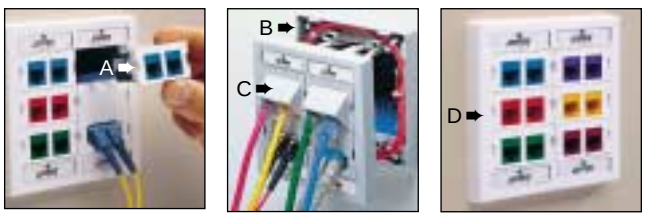


A Front-loading inserts simplify configuration, while strong latches keep them in place during use.

B Fiber storage/spacer ring fits between wallbox/mud ring and MOS dual-gang plate for fiber loop storage and management.

C 45˚ angled jack insert optimizes bend radius compliance of cable exiting QuickPort® snap-in connectors.

D Load up to 12 devices in a dual-gang wallplate.



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Multimedia Outlet Systems (MOS)

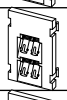
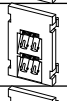
QuickPort® Surface Mount Box and Wallplates

DESCRIPTION		CAT. NO.	CAT. NO.
6-Port Surface Mount Box		41296-MM*	—
Single-Gang Wallplate		41290-SM*	—
Dual-Gang Wallplate		41290-DM*	—
Fiber Storage/Spacer Ring		41290-DR*	—

MOS Inserts for Surface Mount Boxes and Wallplates

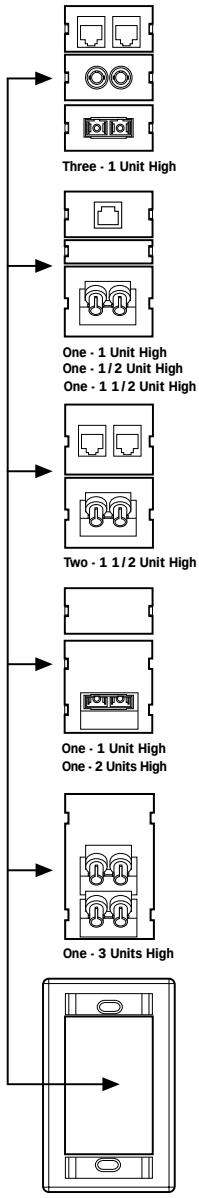
DESCRIPTION		CAT. NO.	CAT. NO.
2-Port QuickPort Adapter, flush (1 unit high)◊		41291-2Q*	—
Module for Spectro-Link MT-RJ Connector (See Connectors, page S3)		41291-1M*	—
1 S-Video Insert Module, (1 unit high)		41291-1V*	—
1 RCA Insert Module, (1 unit high)		41291-1R*	—
1 Duplex ST® Coupling, (1 unit high)		41291-2T* (Phos. Bronze Sleeve)	41291-ZT* (Zirconia Ceramic Sleeve)
1 Duplex FC Coupling, (1 unit high)		41291-PF* (Phos. Bronze Sleeve)	41291-ZF* (Zirconia Ceramic Sleeve)
1 Duplex SC Coupling, (1 unit high)		41291-PC* (Phos. Bronze Sleeve)	41291-2C* (Zirconia Ceramic Sleeve)
Blank Module, (1 unit high)		41291-1B*	—

MOS Inserts for use with MOS Wallplates

DESCRIPTION		CAT. NO.	CAT. NO.
2-port QuickPort Adapter, 45° exit, (1.5 units high)		41294-2Q*	—
Blank Module, (1/2 unit high)		41295-5B*	—
Blank Module, (1.5 units high)		41294-2B*	—
Blank Module, (2 units high)		41292-2B*	—
1 Duplex ST® Coupling, 45° exit, SM/MM (1.5 units high)		41294-2T* (Phos. Bronze Sleeve)	41294-ZT* (Zirconia Ceramic Sleeve)
1 Duplex FC Coupling, 45° exit, SM/MM (1.5 units high)		41294-PF* (Phos. Bronze Sleeve)	41294-ZF* (Zirconia Ceramic Sleeve)
1 Duplex SC® Coupling, 45° exit, SM/MM (1.5 units high)		41294-PC* (Phos. Bronze Sleeve)	41294-2C* (Zirconia Ceramic Sleeve)
1 Duplex ST® Coupling, 45° exit, SM/MM (2 units high)		41292-2T* (Phos. Bronze Sleeve)	41292-ZT* (Zirconia Ceramic Sleeve)
1 Duplex FC Coupling, 45° exit, SM/MM (2 units high)		41292-PF* (Phos. Bronze Sleeve)	41292-ZF* (Zirconia Ceramic Sleeve)
2 Duplex SC® Coupling, 45° exit, SM/MM (2 units high)		41292-PC* (Phos. Bronze Sleeve)	41292-2C* (Zirconia Ceramic Sleeve)
2 Duplex ST® Couplings, 45° exit, SM/MM (3 units high)		41293-4T* (Phos. Bronze Sleeve)	41293-ZT* (Zirconia Ceramic Sleeve)
2 Duplex FC Couplings, 45° exit, SM/MM (3 units high)		41293-PF* (Phos. Bronze Sleeve)	41293-ZF* (Zirconia Ceramic Sleeve)
2 Duplex SC® Couplings, 45° exit, SM/MM (3 units high)		41293-PC* (Phos. Bronze Sleeve)	41293-4C* (Zirconia Ceramic Sleeve)

◊QuickPort Module Adapter accepts QuickPort Connectors and Modules. See pages S1–S3 for ordering information.

TECH NOTE — Configurations for MOS Wallplates



***COLOR**

Add suffix to catalog number for color selection, as follows:
Ivory (I), White (W), Gray (G), Black (E).

MATERIAL CHARACTERISTICS

- High-impact fire-retardant plastic rated UL 94V-0

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Flush Mount Wallplates

Leviton offers one of the largest selections of field-configurable, flush mount wallplates available on today's market. They provide the adaptability and performance required in a voice/data wiring interface in a sleek low-profile wallplate.

Choose from a full range of materials and styles, including nylon, urea and stainless steel; standard and midway size; single and dual-gang; and Decora designer styling. All Leviton flush mount devices fit standard NEMA opening for easy installation in new or existing wallboxes.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Single-Gang Multi-Port Wallplates with or without Designation Windows

Single-gang flush mount wallplates offer field-configurable flexibility in an attractive single-piece housing. Fully compatible with all QuickPort Snap-in Modules including connectors or blank fillers. Use different color QuickPort modules for port identification, or type or hand-write labels for designation windows. All windows are field-label compatible and cover the wallplate security screw. UL Listed, CSA Certified and listed in compliance with NEC article 800.

QuickPort® Single-Gang Wallplates

DESCRIPTION	IVORY	WHITE	GRAY	BLACK	ALMOND	BROWN
6-Port Wallplate	41080-6IP	41080-6WP	41080-6GP	41080-6EP	41080-6AP	41080-6BP
4-Port Wallplate	41080-4IP	41080-4WP	41080-4GP	41080-4EP	41080-4AP	41080-4BP
3-Port Wallplate	41080-3IP	41080-3WP	41080-3GP	41080-3EP	41080-3AP	41080-3BP
2-Port Wallplate	41080-2IP	41080-2WP	41080-2GP	41080-2EP	41080-2AP	41080-2BP
1-Port Wallplate	41080-1IP	41080-1WP	41080-1GP	41080-1EP	41080-1AP	41080-1BP

QuickPort® Single-Gang Wallplates with Designation ID Windows

DESCRIPTION	ID WINDOWS	IVORY	WHITE	GRAY	BLACK
6-Port Wallplate	**2**	42080-6IS	42080-6WS	42080-6GS	42080-6ES
4-Port Wallplate	2	42080-4IS	42080-4WS	42080-4GS	42080-4ES
3-Port Wallplate	2	42080-3IS	42080-3WS	42080-3GS	42080-3ES
2-Port Wallplate	2	42080-2IS	42080-2WS	42080-2GS	42080-2ES
1-Port Wallplate	1	42080-1IS	42080-1WS	42080-1GS	42080-1ES

Note: Housing are sold empty. Snap-in Connectors must be ordered separately. (See pages S1–S3)

QuickPort® Dual-Gang Multi-Port Wallplates with Designation Windows

Where high-density port configurations with port ID capabilities are called for, the dual-gang flush mount wallplates with designation windows are the ideal solution. Designed in a single-piece housing and a wide choice of port counts: 1, 2, 3, 4, 6, 8 or 12 ports, the dual-gang wallplate can be field configured with any combination of QuickPort Snap-in Modules. Port identification can be accomplished in two ways: use different color QuickPort modules for port or station differentiation, or type or hand-write a descriptive label for the designation window. All designation windows are field-label compatible and cover the mounting screw that keeps the wallplate in place.

QuickPort wallplates are UL Listed, CSA Certified, and are listed in compliance with NEC Article 800.

Professional-looking port ID is fast and simple with pre-printed labels, sold on page S21. These labels can be used on all Leviton workstation products.

QuickPort® Dual-Gang Wallplates with Designation ID Windows U S

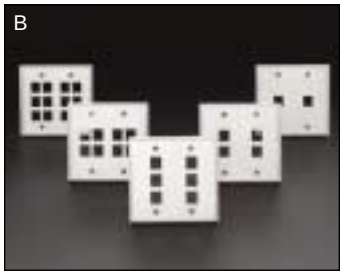
DESCRIPTION	ID WINDOWS	IVORY	WHITE	GRAY	BLACK
12-Port Wallplate	4	42080-12I	42080-12W	42080-12G	42080-12E
8-Port Wallplate	4	42080-8IP	42080-8WP	42080-8GP	42080-8EP
6-Port Wallplate	4	42080-6IP	42080-6WP	42080-6GP	42080-6EP
4-Port Wallplate	4	42080-4IP	42080-4WP	42080-4GP	42080-4EP
3-Port Wallplate	2	42080-3IP	42080-3WP	42080-3GS	42080-3EP
2-Port Wallplate	2	42080-2IP	42080-2WP	42080-2GP	42080-2EP
1-Port Wallplate	2	42080-1IP	42080-1WP	42080-1GP	42080-1EP

Note: Housing are sold empty. Snap-in Connectors must be ordered separately. (See pages S1–S3)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A

B



QuickPort® Stainless Steel Wallplates

QuickPort® Stainless Steel Single-Gang and Dual-Gang Wallplates

A, B *Leviton's single-gang and dual-gang QuickPort® Stainless Steel Wallplates provide elegant designer styling, and accept any QuickPort snap-in copper/fiber connector or adapters. Ideal in environments that demand a more durable, sanitary, easy-to-clean solution. Use different color QuickPort modules for port identification. Fit standard NEMA electrical boxes. cULus Listed, meet FCC Part 68, and are listed in compliance with TIA/EIA-568-B.*

QuickPort® Stainless Steel Wallplates

DESCRIPTION		SINGLE-GANG CAT. NO.	DUAL-GANG CAT. NO.
A, B	**1-Port Stainless Steel Wallplate**	43080-1S1	——
A, B	**2-Port Stainless Steel Wallplate**	43080-1S2	43080-2S2
A	**3-Port Stainless Steel Wallplate**	43080-1S3	——
A, B	**4-Port Stainless Steel Wallplate**	43080-1S4	43080-2S4
A, B	**6-Port Stainless Steel Wallplate**	43080-1S6	43080-2S6
B	**8-Port Stainless Steel Wallplate**	——	43080-2S8
B	**12-Port Stainless Steel Wallplate**	——	43080-S12

Note: Housing are sold empty. Snap-in Connectors must be ordered separately. (See pages S1–S3)

C

QuickPort® Stainless Steel Wallphone Wallplates

C *Bring Stainless Steel elegance to your wallphone. Easily mount any standard wall-phone on this sturdy standard-sized wallplate with durable rivets. Single port accepts any Leviton QuickPort Connector. Recessed design fits cleanly with slide-rail mechanisms.*

QuickPort® Stainless Steel Wallplates

DESCRIPTION	CAT. NO.
Stainless Steel Wallphone Wallplate, recessed	4108W-1SP
Stainless Steel Wallphone Wallplate, non-recessed	4108W-0SP

D

QuickPort® Midway Size Wallplates

D *Midway size wallplates provide QuickPort modularity with .375" more coverage than standard wallplates. Expanded silhouette provides designer look and easily hides irregular drywall cuts or flaws around outlets. The 4.875"x 3.125" plate is .375" wider and taller, and matches Leviton's Midway Size Wallplates for electrical devices and lighting controls. .25" depth ensures a clean fit with various devices. Crafted from durable, smooth-finish nylon, wallplates fit a single-gang electrical box. UL listed and CSA certified.*

QuickPort® Midway Size Single-Gang Wallplates, Nylon

DESCRIPTION	CAT. NO. IVORY	CAT. NO. WHITE	CAT. NO. ALMOND	CAT. NO. BROWN
1-Port Midway Size QuickPort Wallplate, Nylon	41091-1IN	41091-1WN	41091-1AN	41091-1BN
2-Port Midway Size QuickPort Wallplate, Nylon	41091-2IN	41091-2WN	41091-2AN	41091-2BN
3-Port Midway Size QuickPort Wallplate, Nylon	41091-3IN	41091-3WN	41091-3AN	41091-3BN
4-Port Midway Size QuickPort Wallplate, Nylon	41091-4IN	41091-4WN	41091-4AN	41091-4BN
6-Port Midway Size QuickPort Wallplate, Nylon	41091-6IN	41091-6WN	41091-6AN	41091-6BN

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Decora® Multimedia Inserts

A *Combine voice, data, audio and video in one compact, attractive Decora wallplate. QuickPort Decora Wallplate Inserts offer designer style to match Leviton Decora electrical switches and outlets, with the capacity and flexibility to support high-tech communications for boardrooms or workstations. QuickPort snap-in modules fit neatly into a single gang Decora wallplate and can be combined with Decora electrical devices (with a barrier box) in a multi-gang wallplate. Simply snap in the QuickPort connectors of your choice to customize multimedia options. Compatible with all standard Decora wallplates and Decora Plus snap-on wallplates with hidden mounting screws (order plates separately, Section G) and standard NEMA openings. UL Listed and CSA Certified.*

QuickPort® Decora Multimedia Inserts

DESCRIPTION	IVORY	WHITE	GRAY	BLACK	ALMOND	BROWN
2-Port Insert	41642-I	41642-W	41642-G	41642-B	41642-A	41642-B
3-Port Insert	41643-I	41643-W	41643-G	41643-B	41643-A	41643-B
4-Port Insert	41644-I	41644-W	41644-G	41644-B	41644-A	41644-B
6-Port Insert	41646-I	41646-W	41646-G	41646-B	41646-A	41646-B

2-PORT INSERT/CONNECTOR KITS	IVORY	WHITE
2-Port Insert w/Two 6-Conductor Connectors	41666-I	41666-W
2-Port Insert w/Two 8-Conductor Connectors	41688-I	41688-W

Note: Order QuickPort Snap-In Modules on page S1–S3. Decora wallplate ordering information can be found in Section G. Configured versions also meet FCC Part 6B.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Wallplate Inserts

QuickPort® Duplex 106 Insert

A, B *The QuickPort Duplex and Quad 106 Units are ideal for applications where two or four individual modular ports are desired, within the standard '106/NEMA-style' outline that prevails among electrical outlets. Accepts all QuickPort Snap-in Modules and fits standard NEMA wallboxes and most floor boxes and monuments. A recess above each module port on the Duplex 106 Unit accommodates Leviton Designation Labels (page S21) or hand-written port ID. Uses standard duplex wallplates (sold separately, see Section G). UL & CSA listed and NEC Article 800 compliant*

QuickPort® Duplex 106 Insert

DESCRIPTION	IVORY	WHITE	GRAY	BLACK
QuickPort Duplex 106 Insert only	41087-2IP	41087-2WP	41087-2GP	41087-2EP
QuickPort Quad 106 Insert only	41087-QIP	41087-QWP	41087-QGP	41087-QEP

Note: Inserts are sold empty. Snap-in Connectors must be ordered separately. (See page S1–S3)
Note: Floor monuments shown for illustration only and are not part of the Leviton product line.

QuickPort® Floor Jack Insert

C, D *Rugged and fully field-configurable, this device provides point-of-use connectivity for a broad range of applications where convenience or building requirements dictate the use of a floor-mounted communications outlet. Each floorplate is made of .06" thick solid brass to hold up under heavy furniture or foot traffic. When not in use, a flush-fitting brass screw cap keeps internal components free from dirt and dust.*

The two individual ports are configured easily with any combination of QuickPort Snap-in Modules. QuickPort floor jacks will fit standard metal boxes 3" x 2", 3" x 2 1⁄8" and larger.

QuickPort® Duplex Floor Jack Insert w/ Brass Plate & Screw Cap

DESCRIPTION	CAT. NO.
Insert with one F-connector and one blank module	41650-F
Insert with one 6-conductor connector and one blank module	41650-6
Insert with one blank module	41652
Insert with two 6-conductor jacks	41652-6
Insert with one 6-conductor connector and one F-connector	41652-6F

NOTE: Wallplate included with each QuickPort Floor Jack Insert.

Telephone Jack with Power Supply

Out-of-Sight PowerJack™

E *Leviton's new Out-of-Sight PowerJack™ is a unique 4-wire telephone jack providing a low-voltage power supply that installs behind cordless wall phones, answering machines and combination units. No more unsightly dangling cords and bulky transformers to interfere with décor.*

The Out-of-Sight PowerJack installs in a standard wall box and is the same size as standard wall-mounted phone jacks. All unsightly wires tuck neatly behind the phone for a streamlined look. It features user-adjustable voltage settings, accommodating cordless phones (ranging from 7 to 12V DC) and comes with six universal plug adapters. It is perfect in new or newly remodeled construction and can be retrofitted to existing installations.

Available only from Leviton, the Out-of-Sight PowerJack sets a new standard for combining technology and residential design. UL Listed STD 1863, FCC Part 68 and FCC part 15 Sub-part B Class B

Out-of-Sight PowerJack

DESCRIPTION	CAT. NO.
Out-of-Sight PowerJack (order in multiples of five)	40215-00W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Standard Telephone/Video Wall Jacks

Type 625B4 Modular Wall Jacks

A *Includes jack, plate, and mounting hardware. Fits standard NEMA wallboxes. Screw t erminals. UL Listed and CSA Certified.*

Type 625B4 Modular Wall Jack—Smooth Finish U S

DESCRIPTION	STANDARD PLATE BROWN	IVORY	WHITE	ALMOND	MIDSIZE PLATE BROWN	IVORY	WHITE
6-Position, 4-Conductor	40249†	40249-I†	40249-W†	40249-A	40549	40549-I	40549-W
6-Position, 6-Conductor	——	40238-I†	40238-W†	——	——	40538-I	40538-W
8-Position, 8-Conductor	——	40280-I	40280-W	——	——	40580-I	40580-W

Type 625B4 Modular Wall Jack—Smooth Finish, alternative construction not shown U S

DESCRIPTION	IVORY	WHITE	GRAY	ALMOND	BROWN
6-Position, 4-Conductor	4625B-44I	4625B-44W	4625B-44G	4625B-44A	4625B-44
6-Position, 6-Conductor	4625B-46I	4625B-46W	4625B-46G	——	——
8-Position, 8-Conductor	4625B-48I	4625B-48W	——	——	——

Note: Robertson/Slot Drive screws available for 4625B series, call customer service for ordering information.
†These products are UL Listed only.

Single S-Video Decora Insert

B *Bring S-Video to your Decora Wallplate. Ideal for teleconference displays, projectors, and other computer video sources. Requires Decora wallplate, sold separately.*

Single S-Video Decora Insert

DESCRIPTION	IVORY	WHITE
B **Single S-Video Decora Insert**	40954-DMI	40954-DMW

Type 625D F-Connector Wallplates

C *F-Connector wallplates have one or two F-Connectors. Wallplates have a smooth finish. UL Listed and CSA certified.*

F-Connector Wallplate U S

DESCRIPTION	IVORY	WHITE	ALMOND
C **Flush-Mount Single F-Connector**	80781-I	80781-W	80781-A
Flush-Mount Duplex F-Connector	80782-I	80782-W	80782-A

Type 625D Combination Wall Jacks and F-Connector Wallplates

D *The Type 625D jacks include one modular jack (with screw terminals) for voice, and one F-connector for cable TV or other video applications u sing RG6 or RG59 coax. UL Listed and CSA Certified.*

Type 625D Combination Wall Jacks and F-Connector Wallplates U S

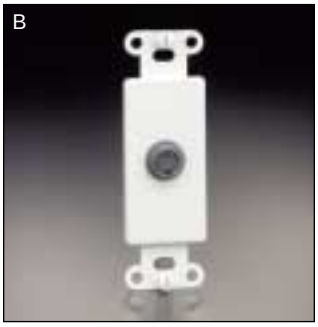
DESCRIPTION	IVORY	WHITE	GRAY	BLACK
D **6-Position, 4-Conductor and F-Connector**	40259-I	40259-W	40259-G	40259-A
6-Position, 6-Conductor and F-Connector	40258-I	40258-W	——	——

Coax-to-RCA ConnectorWallplate

E *Convert coaxial cable to an RCA output. Female F-Connector input on rear and female RCA-style input on front. Mounted on break-resistant polymer wallplate.*

Coax-to RCA Connector Wallplate

DESCRIPTION	IVORY	WHITE
E **Coax-to-RCA Connector Wallplate**	40953-AI	40953-AW



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A

B

C

D

E

Decora Telephone Wall Jacks

Decora Modular Single or Duplex Wall Jacks

A *These single or duplex flush-mount voice-grade connectors complement Leviton's popular Decora line of devices. Screw terminals. Includes matching Decora wallplate.*

Decora Modular Wall Jacks

DESCRIPTION	IVORY	WHITE
Decora Single Modular Wall Jack, 6-position 4-conductor	40949-ID	40949-WD
Decora Duplex Modular Wall Jack, 6-position 4-conductor	40944-ID	40944-WD

Type 625 Modular Wall Jacks

B *Single flush mount jack for use with Decora or Decora Plus wallplates. Mount in standard or multi-gang electrical box. Screw terminals. UL Listed and CSA Certified.*

Type 625 Decora Modular Wall Jacks

DESCRIPTION	IVORY	WHITE	GRAY	BROWN	ALMOND	BLACK
6-position 4-conductor	40649-I	40649-W	40649-GY	40649	40649-A	40649-E
6-position 6-conductor	40638-I	40638-W	40638-GY	40638	——	——
8-position 8-conductor	40680-I	40680-W	40680-GY	40680	——	——

Decora TV/Phone Combination Jack

C *Combination jack with 4-Conductor modular jack for UTP telephone connections and F-Connector for video (coaxial cable) connections. Includes matching Decora wallplate.*

Decora TV/Phone Combination Jack

DESCRIPTION	IVORY	WHITE
Decora TV/Phone Combination Jack, 6-position 4-conductor	40959-ID	40959-WD

Midway Size Flush Mount Telephone Wall Jack

Midway Size Wall Jacks

D *Midway size wall jacks provide a larger silhouette for a more designer look, and to easily hide irregular drywall cuts. Choose a voice grade connector for UTP cable or F-connector (filled or empty) for coaxial cable. A combination plate featuring both connectors is also available. Crafted from durable, UV-resistant nylon.*

QuickPort® Midway Size Wallplates

DESCRIPTION	CAT. NO.
Midway Size Video Wallplate with F-Connector	40539-0M*
Midway Size Video Wallplate without F-Connector (hexagonal opening only)	40539-HM*
Midway Size Phone Wallplate with 6P4C Voice Grade Connector	40539-PM*
Midway Size Combo Wallplate, with F-Connector and 6P6C Voice Grade Connector	40539-CM*

*= Color: (I)Ivory, (W)White, (A)Almond, (B)Brown

Type 625B3 Midway Size Duplex Wall Jack

E *These smooth finish midway size units include 2 jacks, wallplate and mounting hardward. Wire to provide the same dialtone on both jacks or separate lines. Screw terminals. UL Listed & CSA Certified.*

Type 625B3 Duplex Wall Jack

DESCRIPTION	IVORY	WHITE
Type 6255B3 Duplex Wall Jack, 6-position 4-conductor, Midway Size Plate	40544-I	40544-W
Type 6255B3 Duplex Wall Jack, 6-position 6-conductor, Midway Size Plate	40566-I	40566-W
Type 6255B3 Duplex Wall Jack, 8-position 8-conductor, Midway Size Plate	40588-I	40588-W

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Telephone Wall Jacks (Non-QuickPort)

Type 630A Quick-Connect Wall Phone Jack with Plastic Wallplate

A *Features quick-connect terminals, screw-on wallplate, metal bracket, mounting lugs, and installation tool. Removable lugs and color-matched plastic inserts (included) permit conversion from wall phone jack to flush mount jack. UL Listed and CSA Certified.*

Type 630A Quick-Connect Jack with Plastic Wallplate U S

DESCRIPTION	IVORY	WHITE	GRAY	BLACK
6-Position, 4-Conductor	40253-I	40253-W	40253-GY	40253-A
6-Position, 6-Conductor	40263-I	40263-W	——	——

Type 630A Quick-Connect Wall Phone Jack with Stainless Steel Wallplate

B *Includes 4-or 6-conductor jack with screw terminals, stainless steel screw-on wallplate. mounting screws and installation tool.*

Type 630A Quick-Connect Jack with Stainless Steel Wallplate U S

DESCRIPTION	CAT. NO.
6-Position, 4-Conductor w/ QuickPort terminations	40223-S
6-Position, 6-Conductor w/ screw terminations	40226-S

Wall Phone Jack

C *Single phone jack for standard wall phone. Four color-coded screw-down connections.*

Wall Phone Jack

DESCRIPTION	IVORY	WHITE	ALMOND
Wall Phone Jack	40914-W	40914-W	40914-A

Stainless Steel Wall Phone Jack

D *Stainless steel cover with quick-connect, punch-down wires. Four color-coded screw-down connections.*

Stainless Steel Wall Phone Jack

DESCRIPTION	CAT. NO.
Stainless Steel Wall Phone Jack, 6-position, 4-conductor	CO256-SS

Type 625B3 Duplex Wall Jack

E *These smooth finish units include 2 jacks, wallplate and mounting hardward. Wire to provide the same dialtone on both jacks or separate lines. Screw terminals. UL Listed & CSA Certified.*

Type 625B3 Duplex Wall Jack

DESCRIPTION	IVORY	WHITE
Type 6255B3 Duplex Wall Jack, 6-position 4-conductor, Standard Plate*	40244-I	40244-W
Type 6255B3 Duplex Wall Jack, 6-position 6-conductor, Standard Plate	40266-I	40266-W
Type 6255B3 Duplex Wall Jack, 6-position 4-conductor, Midsize Plate	40544-I	40544-W

***Note:** Part Number 40244 is also available in Almond (40244-A) and Brown (40244-B) versions.

Type 630A Screw Terminal Wall Jack with Plastic Wallplate

F *Features 4-conductor jack, screw terminals, screw-on wallplate and removable mounting lugs. can be converted to a flush-mount jack by replacing lugs with color-keyed plastic inserts (included). UL Listed and CSA Certified.*

Type 630A Screw Terminal Wall Jack with Plastic Wallplate

DESCRIPTION	IVORY	WHITE
6-position 4-conductor	40257-I	40257-W

Type 630A Screw Terminal Wall Jack with Snap-On Plastic Wallplate

G *Includes snap-on wallplate, mounting screws, and factory installed legs. UL Listed and CSA Certified.*

Type 630A Screw Terminal Wall Jack with Snap-On Plastic Wallplate

DESCRIPTION	IVORY	WHITE	ALMOND
6-position 4-conductor	40214-I	40214-W	40214-A
6-position 6-conductor	40216-I	40216-W	——

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

A

MATERIAL CHARACTERISTICS

Flush Mount Modular Jacks

- Housing: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches hard gold over 100 microinches nickel.
- Wire leads: PVC-insulated, tinned solid copper.
- Mounting screws: Combination Phillips/straight blade head.

Telephone Wall Jack Inserts

Type 106 Duplex Flush Mount Modular Jack with 110-Type Termination

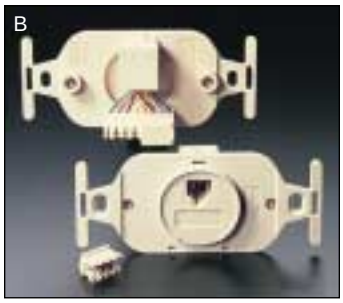
A *The Type 106 duplex jack accommodates two voice and/or data terminals in the same jack location, using standard duplex electrical wallplates. Jack choices include 4-, 6-, and 8-conductor modular jacks for voice or data, with 8-conductor keyed versions typically used for data. Mounts easily in standard electrical boxes, most floor monuments, raceways, and many cellular or raised floor boxes without adapters. May be ganged for multiple-port applications. Installation is fast and easy with 110-type insulation displacement connectors for 22-26 AWG inside wiring. UL Listed, CSA Certified, and meets FCC Part 68 requirements.*

Type 106 Flush Mount Modular Jack U S

DESCRIPTION	PORT DESIGNATIONS		IVORY	WHITE	GRAY
Two 4-Conductor USOC Jacks	Line 1	Line 2	41364-IDI	41364-IDW	41364-IDG
Two 6-Conductor USOC Jacks	Line 1	Line 2	41366-IDI	41366-IDW	41366-IDG
One 6-Conductor USOC Jack and one 8-conductor T568B CAT 3 jack	Voice	Data	41365-IDI	——	——
Two 8-Conductor USOC Jacks	Line 1	Line 2	41368-IDI	——	——
Two 8-Conductor T568B CAT 3 Jacks	Line 1	Line 2	41367-IDI	41367-IDW	——
Two 8-Conductor T568B Jacks 3	Voice	Data	41361-IDI	——	——
One 8-Conductor T568B Jack, and one 8-conductor keyed T568B jack 3	Voice	Data	41360-IDI	——	——

Note: Wallplate ordering information can be found in Section G.

B



Type 105 Flush Mount Modular Jack with 110-Type Termination

B *The 105 single-port flush mount jack fits a standard single opening (1.406" diameter) electrical wallplate. It is available in 4-, 6-, or 8-conductor configurations for voice and data, with the 8-conductor keyed version typically used for data. Mounts easily in standard single-, double-, or multigang electrical boxes, most floor monuments, and many cellular or raised floor boxes. Installs quickly using industry standard 110-type insulation displacement connectors for 22-26 AWG inside wiring. UL Listed, CSA Certified, and meets FCC Part 68 requirements.*

Type 105 Flush Mount Modular Jack U S

DESCRIPTION	PORT DESIGNATIONS	IVORY	WHITE	GRAY
One 6-Position, 4-Conductor Jack	——	41054-IDD	——	——
One 6-Position, 6-Conductor Jack	——	41056-IDD	41056-WDD	—
One 8-Position, 8-Conductor Jack, USOC	——	41058-IDD	——	—
One 8-Position, 8-Conductor Jack, T568B 3	——	41058-IDA	41058-WDA	41058-GDA

C

Type 625B Round Modular Jack Wallplate Insert

C *A 4-conductor jack with Type 43A mounting bracket attached. Mounts in any standard electrical box. Slotted holes facilitate alignment. Can be used indoors or outdoors with corresponding Leviton wallplate. For use with 4-conductor modular line cord. Screw terminals. UL Listed & CSA Certified.*

Type 625B Round Modular Jack Wallplate Insert & Wallplate

DESCRIPTION	CAT. NO.
Type 625B Round Modular Jack	40201-I
Round Modular Jack Wallplate, Ivory	86004

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surface Mount Jacks

Type 103 Surface Mount Modular Jack with 110-Type Termination

A *The 103 single-port surface mount jack is available in 4-, 6-, or 8-conductor configurations for voice and data. Mounts using screws or doublesided tape (both included), or optional magnets (see page S21). UL Listed and CSA Certified.*

Type 103 Single-Port Surface Mount Modular Jack U S

DESCRIPTION	IVORY	WHITE
6-Position, 4-conductor Jack	41034-IDA	——
6-Position, 6-conductor Jack	41036-IDA	——
8-Position, 8-conductor USOC Jack	41038-IDA	——
8-Position, 8-conductor T568B Category 3 compliant Jack	41038-IDB	41038-WDB

A

MATERIAL CHARACTERISTICS

103 Jacks

- Housings: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches gold over 100 microinches nickel.
- 110 clips: Solder-plated phosphor bronze.

Type 104 Duplex Surface Mount Modular Jack with 110-Type Termination

B *The 104 Duplex Surface Mount Jack accommodates two voice and/or data ports. Available in 4-, 6-, or 8-conductor configurations for voice and data. Mounts easily using screws or doublesided tape (both included), or optional magnets (see page S21). UL Listed and CSA Certified.*

Type 104 Duplex Surface Mount Modular Jack U S

DESCRIPTION	PORT DESIGNATIONS		IVORY
Two 4-Conductor Jacks	Line 1	Line 2	41044-IDA
Two 6-Conductor Jacks	Line 1	Line 2	41046-IDA
One 6-Conductor Jack and one 8-conductor T568B Category 3 compliant jack	Voice	Data	41086-IDB
Two 8-Conductor USOC Jacks	Line 1	Line 2	41048-IDA
Two 8-Conductor T568B Category 3 compliant Jacks	Line 1	Line 2	41048-IDB
Two 8-Conductor T568B Category 3 compliant Jacks, one keyed and one non-keyed	Data	Data	41088-IDB

B

MATERIAL CHARACTERISTICS

104 Jacks

- Housings: High-impact, fire-retardant plastic rated UL 94V0.
- Spring wire contacts: Phosphor bronze, plated with 50 microinches gold over 100 microinches nickel.
- 110 clips: Solderplated phosphor bronze.

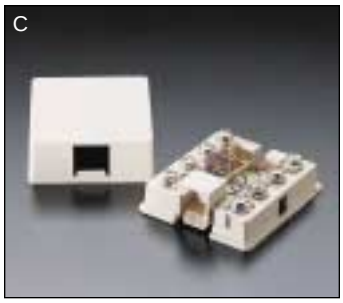
Type 625A2 Surface Mount Jack

C *The compact design of this "biscuit block" jack offers improved appearance and space savings for surface-mount applications, and includes many features to facilitate installation. Unit comes with your choice of modular jacks prewired to combo-head screw terminals. High-reliability features include retainer comb to assure proper contact between jack and plug. Self-tapping screws and adhesive pad are included. UL Listed and CSA Certified.*

Type 625A2 Surface Mount Jack U S

DESCRIPTION	IVORY	WHITE	GRAY
6-Position 4-Conductor	4625A-24I	4625A-24W	——
6-Position 6-Conductor	4625A-26I	4625A-26W	——
8-Position 8-Conductor	40278-I	40278-W	40278-G

C



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

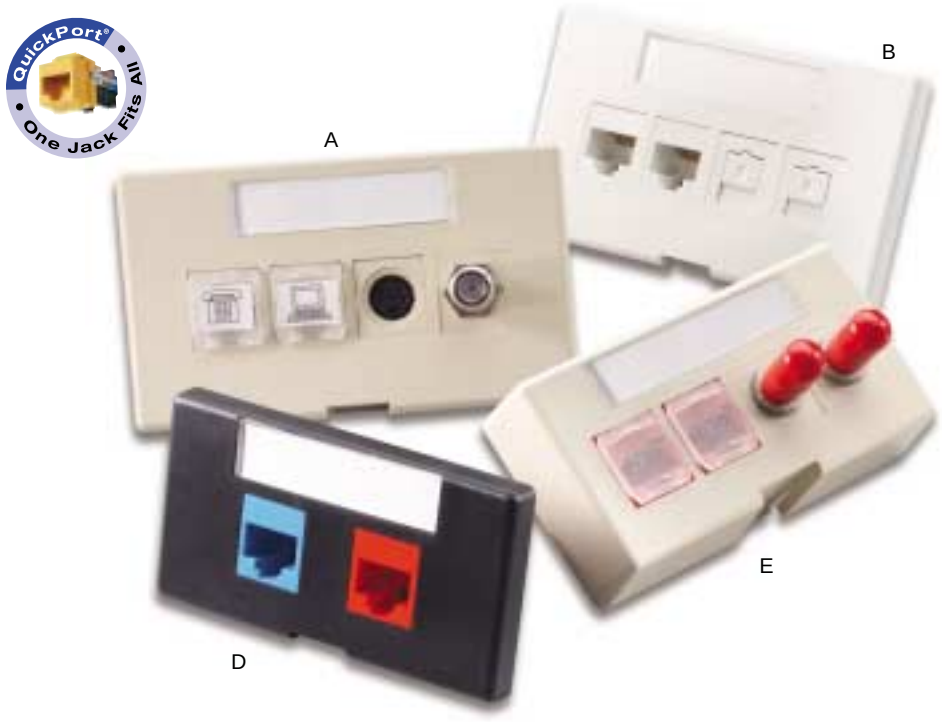
QuickPort® Modular Furniture Faceplates

Bring a simple snap-in installation, attractive streamlined appearance and easy identification to your modular furniture environments. QuickPort Modular Furniture Faceplates accept all QuickPort Snap-In Modules—supporting virtually any application—and snap easily and snugly into standard modular furniture. Features faceplate windows with clear plastic covers that allow easy insertion of ID labels. Labor-saving QuickPort jack design and tool-less plate installation simplifies installations, adds, moves and changes, and allows access to the connectors without removing the furniture channel cover. Available in 2- and 4-port versions, and in four colors: ivory, white, grey and black. cULus Listed and CSA Certified.

Steelcase 9000® Series

Herman Miller Ethospace® Baseline series (shown with 49900-SE4 and Herman Miller's "Reducer" G1189A)

QuickPort® furniture faceplates come in many styles to fit all major modular furniture brands



***COLOR**

Colors as listed. Add suffix to catalog number for color selection, as follows: Ivory (I), White (W), Gray (G), Black (E).

MATERIAL CHARACTERISTICS

- High-impact fire-retardant plastic rated UL 94V-0

Standard Modular Furniture Faceplates

DESCRIPTION	CAT. NO.	HERMAN MILLER	STEELCASE	HAWORTH	HON	OTHERS	COLOR*
A **2-Port Faceplate**	49910-S*2	●	●	●	●	●	I, W, G, E
B **4-Port Faceplate (with 1 Blank)**	49910-S*4	●	●	●	●	●	I, W, G, E
C **4-Port Extended Depth Faceplate (with 1 Blank)†**	49910-E*4	●	●	●	●	●	I, W, G, E

(Standard modular furniture faceplates above fit openings of approximately 1-3/8" x 2-.5/8")

†4-port extended plate provides 1/2" added depth (3/4" total) for installation into shallow raceway channels, e.g., some powered channels.

● Compatible when used with Herman Miller G1189A Reducer available from Herman Miller dealers.

Herman Miller Modular Furniture Faceplates

DESCRIPTION	CAT. NO.	HERMAN MILLER	STEELCASE	HAWORTH	HON	OTHERS	COLOR*
D **2-Port HM Faceplate**	49910-H*2	●	—	—	—	●	I, W, G, E
E **4-Port HM Faceplate (with 1 Blank)†**	49910-H*4	●	—	—	—	●	I, W, G, E

(Herman Miller faceplates above fit openings of approximately 1.88" x 2.98")

†Fits most Herman Miller furniture including Action Office I, II, III and Ethospace Baseline. To ensure compatibility with specific models call Applications Engineering.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® 1-, 2-, 4-, and 12-Port Surface Mount Housings

A–E 2-, 4-, 6- and 12-Port housings are easily field configured with QuickPort Snap-in Modules (sold separately, page B3-B5). The 2-port version comes with a blank filler to cover and protect one unused opening. The 4- and 6-port housings are sized to completely cover a single-gang NEMA wallbox opening, while the 12-port fits over a single- or dual-gang NEMA box opening. Housings contain knockouts to accommodate raceway and cable entry, with built-in strain relief to assure undisturbed connections, and easy cover latches allow for easy adds, moves and changes.

All housings can be mounted with screws or adhesive mounting tape (both provided), or with magnets or modular furniture brackets (sold separately on page S21). Identify ports and stations by using ample space next to each port or the designation window. All housings are UL Listed and compliant with NEC Article 800.

QuickPort® Surface Mount Housings

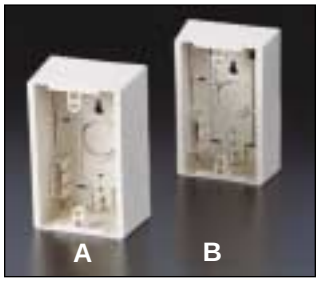
DESCRIPTION	CAT. NO.	COLOR*
A **1-Port Surface Mount Housing**	41089-1*P	I, W, G, E
B **2-Port Surface Mount Housing (includes 1 Blank Module)**	41089-2*P	I, W, G, E
C **4-Port Surface Mount Housing**	41089-4*P	I, W, G, E
D **6-Port Surface Mount Housing**	41089-6*P	I, W, G, E
E **12-Port Surface Mount Housing**	41089-12*P	I, W, G, E

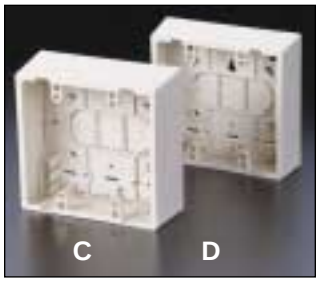
Note: Snap-in Modules must be ordered separately. (See pages S1–S3)

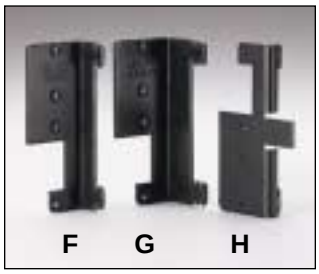
***COLOR**
Colors as listed. Add suffix to catalog number for color selection, as follows: Ivory (I), White (W), Gray (G), Black (E).

MATERIAL CHARACTERISTICS
- High-impact fire-retardant plastic rated UL 94V-0

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com







I

Actual Label Size 5/8" x 3/16"

DATA 1

VOICE 1	VOICE 1	VOICE	VOICE
VOICE 1	VOICE 1	DATA	DATA
VOICE 2	VOICE 2	FAX	FAX
VOICE 2	VOICE 2	PRINTER	PRINTER
VOICE 3	VOICE 3	SPARE	SPARE
VOICE 4	VOICE 4		
DATA 1	DATA 1		
DATA 1	DATA 1		
DATA 2	DATA 2		
DATA 2	DATA 2	1	1
DATA 3	DATA 3	1	1
DATA 3	DATA 3	2	2
DATA 4	DATA 4	2	2
DATA 4	DATA 4	3	3
PHONE	PHONE	4	4
PHONE	PHONE	5	5
PHONE	PHONE	6	6
10BASE-T	10BASE-T	A	A
10BASE-T	10BASE-T	B	B
E-NET	E-NET	C	C
E-NET	E-NET	D	D
MODEM	MODEM	E	E
LAN	LAN	F	F
VIDEO	VIDEO	LEVITON	04-57251-49

41080-LEB shown

Workstation Accessories

Single- and Dual-Gang Surface Mount Backboxes

These two-piece Surface Mount Backboxes snap snugly together to adapt Leviton flush mount products for surface mounting on walls, dividers, cabinets, desks or modular furniture. The single- and dual-gang back-boxes are available in two sizes to accommodate products of varying depths and termination methods, and provide knockouts on all sides for cable entry. Mounting options include screws and double-sided tape (installer-supplied); modular furniture brackets (F, G, H below) or magnet mounting (E below).

Single- and Dual-Gang Surface Mount Backboxes

DESCRIPTION	IVORY	WHITE	GRAY	BLACK
A **Single-Gang 1.89" deep**	42777-1IA	42777-1WA	42777-1GA	42777-1EA
B **Single-Gang 1.45" deep**	42777-1IB	42777-1WB	42777-1GB	42777-1EB
C **Dual-Gang 1.89" deep**	42777-2IA	42777-2WA	42777-2GA	42777-2EB
D **Dual-Gang 1.45" deep**	42777-2IB	42777-2WB	42777-2GB	42777-2EB

Note: Order the 1.45" depth to fit voice jacks, or the 1.89" depth to fit Leviton's Duplex 106 and Quad 106®, and to ensure sufficient cable bend radius.

Magnets

Magnets enable most surface mount products to be mounted on desks and other metal surfaces. See ordering information for the desired housing compatibility.

Magnets

DESCRIPTION	CAT. NO.
E **Magnet (4 per pack)**	41030-SMJ

Use 1 Magnet for 2-port Surface Mount Housing

Use 2 Magnets for 4-, 6-, and 12-port Surface Mount Housings, Single & Dual-Gang Surface Mount Backboxes, 103 & 104 type Modular Jacks

Modular Furniture Brackets

Use modular furniture brackets to install Leviton surface mount outlets (or flush mount devices with backbox) in many types of modular offices. Brackets may also be used with Leviton backboxes, assorted 625 Surface Jacks, Wall Phone Jacks, and Surface Mount 4- and 6-Port Housings. Cold-rolled steel units snap securely into modular partitions. A cutout allows rear cable entry for a clean, uncluttered look and tangle-free installation. Available in black.

Modular Furniture Brackets

COMPATIBILITY	CAT. NO.
F **For Steelcase 9000®, Haworth®, Knoll Morrison®, Allsteel® and Westinghouse®**	49222-BLK
G **For Herman Miller Ethospace® and Steelcase Avenir®**	49222-ESP
H **For Herman Miller Action Office®**	49222-HAO

Pre-Printed Port Designation Labels

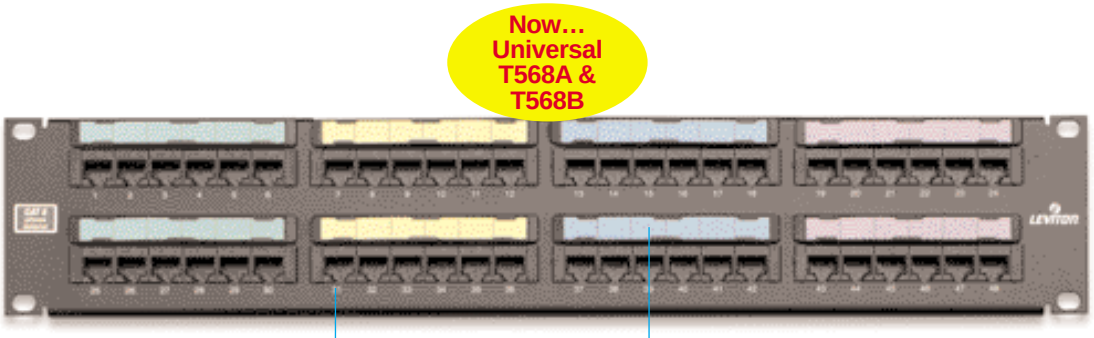
Identify ports on any QuickPort Housings with these attractive and versatile jack designation labels Printed on clear self-adhesive backing. Commercial or residential labels available.

Port Designation Labels

DESCRIPTION	BLACK INK	WHITE INK
I **Commercial Labels- 10 Sheets per Kit, 94 Labels per Sheet**	41080-LEB	41080-LWB
Residential Labels- 10 Sheets per Kit, 94 Labels per Sheet	41070-BE	———

Note: If uncommon designations, company logos, or permanent port ID are desired, inquire about our custom silkscreening.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Connector spring wire contacts are highest quality phosphor bronze, plated with 50 microinches gold over 100 microinches of nickel.

Writable/erasable surfaces and numbered jack ports help identify port assignments.

eXtreme™ 6+ Universal Patch Panels

Craft-friendly eXtreme 6+ Universal Patch Panels exceed published Category 6 standards and feature patented "retention force technology" for robust long-term performance and mechanical integrity.

These 12-, 24-, 48 and 96-port panels (and 12-port patch block) come pre-configured with craft-friendly 110-style punchdowns on the rear and six-port RJ-45 front modules. Rear designation labels are reversible, with color-coded wiring diagrams for T568A or T568B configurations.

Additionally, 12-, 24-, 48- and 96 Port panels feature advanced cable management and grounding stand-offs, come with a cable management bar for proper bend radius protection, and accommodate top, bottom or side cable entry.

All eXtreme 6+ panels and blocks mount in standard 19" equipment racks, are cULus Listed, and fully comply with published Category 6 standards.

eXtreme 6+ Universal Patch Panels

DESCRIPTION	12-PORT PATCH BLOCK	12-PORT PANEL	24-PORT PANEL	48-PORT PANEL	96-PORT PANEL
High-density, PreConfigured Patch Panel with Wire Management Bar	69586-U89	69586-U12	69586-U24	69586-U48	69586-U96
Dimensions:	10.0" H x 2.30" W	1.75" H x 19.0" W	1.75" H x 19.0" W	3.5" H x 19.0" W	7" H x 19.0" W

eXtreme™ 6 Universal Modular Patch Panels

Leviton's high-quality eXtreme 6 Universal Modular Patch Panels feature both T568A and T568B wiring configurations, white IDC 110-punchdown modules in a unique "harmonica" configuration, cable management bar and mounting standoffs, color-coded front and rear window labeling, and a termination standoff for optional grounding.

The panels mount on standard 19" equipment racks, and are available with 12, 24, and 48 pre-configured ports, or as a 12-port patch block.

All panels and blocks are cULus Listed and fully comply with published Category 6 standards.

eXtreme 6 Universal Patch Panels

DESCRIPTION	12-PORT PATCH BLOCK	12-PORT PANEL	24-PORT PANEL	48-PORT PANEL
High-density, PreConfigured Patch Panel with wire management bar	69585-U89	69585-U12	69585-U24	69585-U48
Dimensions:	10.0" H x 2.30" W	1.75" H x 19.0" W	1.75" H x 19.0" W	3.5" H x 19.0" W

STYLES —

- **eXtreme 6+ Panel, with standard, preconfigured configuration**
- **eXtreme 6 Modular Panel, with "harmonica"-style configuration**

FEATURES —

- Cable management bar and stand-offs facilitate dressing and organizing the cable, and helps maintain optimum bend radii.
- Universal printed circuit-board modules—with 110 connections and rear termination field for easy-field configurability—can be used for T568A *and* T568B wiring schemes.
- Writable/erasable surfaces and numbered jack ports help identify port assignments.
- Reversible rear label slides easily into redesigned slot and shows color-coded diagrams for T568A and T568B wiring schemes.

MATERIAL CHARACTERISTICS

Panels and blocks are 16 gauge steel, black painted finish with white write-on areas silkscreened beside the connectors. Printed circuit boards and plastic components are fire-retardant materials rated UL 94V-O.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Universal Category 5 & GigaMax™ 5e Patch Panels & Patch Blocks

Universal Category 5 and GigaMax 5e Patch Panels and Patch Blocks come in a variety of port densities to meet the needs of high-speed data applications. Both the blocks and panels come pre-configured with either Category 5 connectors, or GigaMax 5e connectors for enhanced applications, and both can be used for T568A or T568B wiring configurations. The panels, available with 12 to 96 pre-configured ports, mount in standard 19" TIA equipment racks and accommodate top, bottom or side cable entry. For smaller, wall-mount installations, the 12-port patch blocks are an ideal low-profile solution.

GigaMax 5e panels are rated for both category- and channel-level performance.

All panels and blocks are UL Listed; meet NEC® requirements and specifications for UL 1863; and fully comply with with the latest published TIA guidelines, as of this printing.

Writable/erasable surfaces and numbered jack ports help identify port assignments.

Now… Universal T568A & T568B

Connector spring wire contacts are highest quality phosphor bronze, plated with 50 microinches gold over 100 microinches of nickel.

- Universal printed circuit-board modules with 110 IDC punch-downs can be used for T568A and T568B wiring configurations

TECH NOTE — Configurations for Patch Panels

12-Port

16-Port

24-Port

48-Port

64-Port

96-Port

Universal Category 5 Patch Panels U 5

For T568A/T568B Wiring Configurations

DESCRIPTION	CAT. NO.
12-Port Panels — Dimensions: 1¾" H x 19" W	59484-U12
16-Port Panels — Dimensions: 1¾" H x 19" W	59484-U16
24-Port Panels — Dimensions: 1¾" H x 19" W	59484-U24
24-Port Panels — Dimensions: 1¾" H x 19" W includes Wire Management Bar	59484-24U
32-Port Panels — Dimensions: 3½" H x 19" W	59484-U32
48-Port Panels — Dimensions: 3½" H x 19" W	59484-U48
64-Port Panels — Dimensions: 7" H x 19" W	59484-U64
96-Port Panels — Dimensions: 7" H x 19" W	59484-U96

Universal GigaMax 5e Patch Panels U 5

For T568A/T568B Wiring Configurations

DESCRIPTION	CAT. NO.
12-Port Panels — Dimensions: 1¾" H x 19" W	5G584-U12
16-Port Panels — Dimensions: 1¾" H x 19" W	5G584-U16
24-Port Panels — Dimensions: 1¾" H x 19" W	5G584-U24
32-Port Panels — Dimensions: 3½" H x 19" W	5G584-U32
48-Port Panels — Dimensions: 3½" H x 19" W	5G584-U48
64-Port Panels — Dimensions: 7" H x 19" W	5G584-U64
96-Port Panels — Dimensions: 7" H x 19" W	5G584-U96

Universal Category 5 and GigaMax 5e Patch Blocks

(includes Mounting Bracket) U 5 ***For T568A/T568B Wiring Configurations***

DESCRIPTION	CAT. NO.
12-Port Category 5 — Dimensions: 10" H x 2.375" W	59484-U89
12-Port Category 5e — Dimensions: 10" H x 2.375" W	5G584-U89

Materials: Panels and blocks are 16 gauge steel, black painted finish with white write-on areas silkscreened beside the connectors. Printed circuit boards and plastic components are fire-retardant materials rated UL 94V-O.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Voice Grade Patch Panels

Leviton's Voice-Grade Patch Panels are the perfect solution for bringing voice to your cable rack. Pre-configured in 24- and 48-port densites, and designed specifically for voice grade applications, these inexpensive panels are available in preconnectorized and 110-IDC versions.

Install the voice circuits to the connector interface and install the panels later, or run raw cable from the patch panels to the PBX crossconnect field.

A unique rear label is provided for the 110-IDC style patch panels that delineates 1-pair, 2-pair and 4-pair termination, in addition to showing 25-pair color coded termination.

Connector spring wire contacts are highest quality phosphor bronze, plated with 50 microinches gold over 100 microinches of nickel.

Writable/erasable surfaces help identify port assignments.

Voice-Grade Patch Panels, 110-Style

DESCRIPTION	CAT. NO.
24-Port Voice 8PAC Jacks, 110 Termination	49003-P24
48-Port Voice 8PAC Jacks, 110 Termination	49003-P48
Cable Management Bar (for 24-, and 48-Patch Panels) available separately	49005-CMB

Voice-Grade Patch Panels, Pre-Connected

DESCRIPTION	CAT. NO.
24-Port Voice 8P2C Jacks, 25-Pair Connector	49002-J24
48-Port Voice 8P2C Jacks, 25-Pair Connector	49002-J48
24-Port Voice 8P4C Jacks, 25-Pair Connector	49004-J24
48-Port Voice 8P4C Jacks, 25-Pair Connector	49004-J48
24-Port Voice 8P8C Jacks, 25-Pair Connector	49008-J24
48-Port Voice 8P8C Jacks, 25-Pair Connector	49008-J48
Cable Management Bar (for 24-, and 48-Patch Panels) available separately	49005-CMB

- Cable management bar available seperately to facilitate dressing and organization of cable
- Printed circuit-board modules with 110 IDC-style punchdowns or industry standard RJ21X connector termination

TECH NOTE — Configurations for QuickPort Patch Panels

24-Port

48-Port

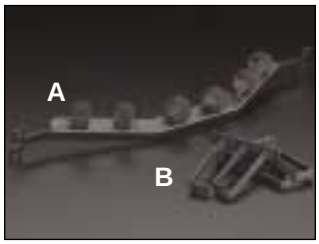
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Modular Angled Patch Panels

Simplify cable management, ease patch cord access, and increase rack density with new high-density Angled Patch Panels from Leviton. Constructed in a 128° wedge-shaped silhouette, extending outward from any standard 19" rack. Modular panel available in GigaMax 5e or eXtreme 6+ versions, with 48-ports ports each. Field-configurable 48-port QuickPort® version accommodates any style of QuickPort connector.

All loaded panels and blocks feature 110-style punchdowns and reversible rear designation labels with color-coded wiring diagrams for T568A and T568B configurations.

Additionally, Angled Panels feature an array of accessories for rack management, including: Angled Cable Management Bar, Horizontal Ring, 1RU and 2RU Angled Blank Panel inserts, and Transitional Cover. All panels and blocks mount in standard 19" equipment racks and accommodate top, bottom or side cable entry. All panels and blocks are cULus Listed and fully comply with all applicable Category 5e or 6 standards.



Modular Angled Patch Panels

DESCRIPTION	DIMENSIONS	CAT. NO.
48-Port eXtreme 6+ Angled Patch Panel	3.5" x 19.0" x 4.8"	69587-U48
48-Port Category 5e Angled Patch Panel	3.5" x 19.0" x 4.8"	5G586-U48
QuickPort 48-Port Angled Patch Panel, sold empty	3.5" x 19.0" x 4.8"	49256-H48

Angled Panel Accessories

DESCRIPTION	CAT. NO.
Angled Cable Management Bar (4 Hook and Loop fasteners included)	49006-AMB
Vertical Transition Ring (Horizontal Cable Ring), 2/box	49262-HR1
Front Blank Angled Panel, 2RU	49254-BA2
Front Blank Angled Panel, 1RU	49254-BA1
Transitional Cover	49254-BC1

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

QuickPort® Multimedia Patch Panels & Patch Blocks

Create a Category 5, 5e or 6 panel instantly by matching Leviton Performance connectors with versatile QuickPort patch panels and patch blocks. Field-configure with any QuickPort Snap-in Modules, including Category 5, GigaMax 5e and eXtreme 6+ (sold separately), to obtain the exact performance level you require.

Configure patch blocks with up to 12 QuickPort modules. Patch panels range in port density from 24 to 48 ports.

24- and 32-port panels incorporate Leviton's exclusive connector 'Quick-Termination Station', and a cable management tray. The high-density panels include a wire management bar. An 89D mounting bracket is sold separately for patch blocks.

Rugged dual-wall reinforced construction provides secure, flush mount module retention

Cable tie-down slots accommodate Hook and Loop Cable Management tie-wraps and plastic cable ties, Built-in cable management organizes cable and helps maintain optimum bend radii

Exclusive Quick Termination Stations can be used to temporarily hold connectors for more convenient termination and cable dressing on -Q24 and -Q32 models

QuickPort panel accepts all Leviton QuickPort snap-in connectors, modules and blanks. Use with Category 5, 5e or 6 connectors for outstanding performance

QuickPort® Multimedia Patch Panels with Cable Tray US

Note: All QuickPort Panels are sold empty

DESCRIPTION	CAT. NO.
A **24-Port QuickPort Patch Panel with Cable Tray — Dimensions:(3½" H x 19" W** Order 1 Port Identification Kit	49255-Q24 49257-QID
B **32-Port QuickPort Patch Panel with Cable Tray — Dimensions: 3½" H x 19" W** Order 2 Port Identification Kits	49255-Q32 49257-QID

QuickPort® High Density Multimedia Patch Panels with Wire Management Bar US

DESCRIPTION	CAT. NO.
C **High Density 24-Port Patch Panel w/Wire Management Bar — Dimensions: 1¾" H x 19" W** Order 1 Port Identification Kit	49255-H24 49257-I24
D **High Density 48-Port Patch Panel w/Wire Management Bar — Dimensions: 3½" H x 19" W** Order 2 Port Identification Kits	49255-H48 49257-I24

QuickPort® Multimedia Patch Blocks US

Note: All QuickPort Panels are sold empty

DESCRIPTION	CAT. NO.
QuickPort 12-Port Patch Block, shown above — Dimensions: 10" H x 2.375" W (Mounting Bracket sold separately)	49255-Q89
QuickPort patch block mounting bracket, shown above (89D)	40089-00D
QuickPort 12-Port Multimedia Patch Block, not shown — Dimensions: 10" H x 2.375" W (extra deep for heavy audio/video cables) Mounting Bracket included	47689-QP

TECH NOTE — Configurations for QuickPort Patch Panels

A **24-Port**

B **32-Port**

C **24-Port High Density**

D **48-Port High Density**

MATERIAL CHARACTERISTICS

Panels and blocks are 16 gauge steel, black painted finish with white write-on areas silkscreened beside the connectors. Printed circuit boards and plastic components are fire-retardant materials rated UL 94V-O.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Performance Patch Cords

A-C *Leviton's Category 5, GigaMax™ and eXtreme™ 6+ Patch Cords meet or exceed industry standard specifications, and use compliant stranded wire as specified by the latest published TIA guidelines to ensure adequate 'lex life.' All have quality construction to maintain the integrity of signal transmission at the cross-connect, which is critical to the performance of the entire cabling system.*

GigaMax Patch Cords are suitable for 5e and 5e+ applications, and eXtreme 6+ Patch Cords are suitable for Category 6 applications. Both GigaMax and eXtreme Cords meet component specifications as outlined in the latest TIA guidelines.

Available in lengths of 3', 5', 7', 10', 15' and 20'. Offered in seven colors: white, red, yellow, green, blue, grey and black. GigaMax 5e cords feature black strain-relief boots, and eXtreme 6+ cords feature stranded cable and color-coordinated slimline boots. Category 5 cords have no strain-relief boot.

Patch Cords U

DESCRIPTION (LENGTH)	A – eXtreme 6+	B – GigaMax 5e	C – Category 5
3-foot length	62460-03*	5G455-03*	52455-03*
5-foot length	62460-05*	5G455-05*	52455-05*
7-foot length	62460-07*	5G455-07*	52455-07*
10-foot length	62460-10*	5G455-10*	52455-10*
15-foot length	62460-15*	5G455-15*	52455-15*
20-foot length	62460-20*	5G455-20*	52455-20*

*= Color choices for Patch Cords: White (W), Yellow (Y), Blue (L), Red (R), Green (G), Gray (S).

Rack and Panel Accessories

Patch Panel Port Identification Kits

DESCRIPTION	CAT. NO.
D **24-Port ID Kit for 12-, 24-, 48-, and 96-Port Panels, 24- & 48-Port High-Density Panels** Two Kits required for 48-Port & four Kits required for 98-Port Panels	49257-I24
D **QuickPort 32-Port ID Kit for 24-, and 32-Port Panels**	49257-QID

Blank Panels

DESCRIPTION	CAT. NO.
E **1-Position (1 3/4" H) Blank Faceplate**	49254-BP1
E **2-Position (3 1/2" H) Blank Faceplate**	49254-BP2
E **4-Position (7" H) Blank Faceplate**	49254-BP4

Note: Fits standard 19" wide TIA racks

Hinged Wall Mount Brackets U S

DESCRIPTION	CAT. NO.
F **2-Position (3 1/2" H, 6" D) Hinged Wall Mount Bracket**	49251-W62
F **3-Position (5 1/4" H, 6" D) Hinged Wall Mount Bracket**	49251-W63
F **4-Position (7" H, 6" D) Hinged Wall Mount Bracket**	49251-W64

Note: This bracket has TIA-310 universal mounting holes which are compatible with all Leviton patch panels and accessories

19"-Inch Rack-Mount Surge Protective Devices U S

DESCRIPTION	CAT. NO.
G **5500 Series – 120V, 15A Surge Protective Device, w/six 15A-120V Duplex Receptacles**	5500-190
G **5500 Series – 120V, 20A Surge Protective Device, w/six 15A-120V Duplex Receptacles**	5500-192

See Section R for a complete listing of 19" Rack-Mount and other Surge Protective Devices

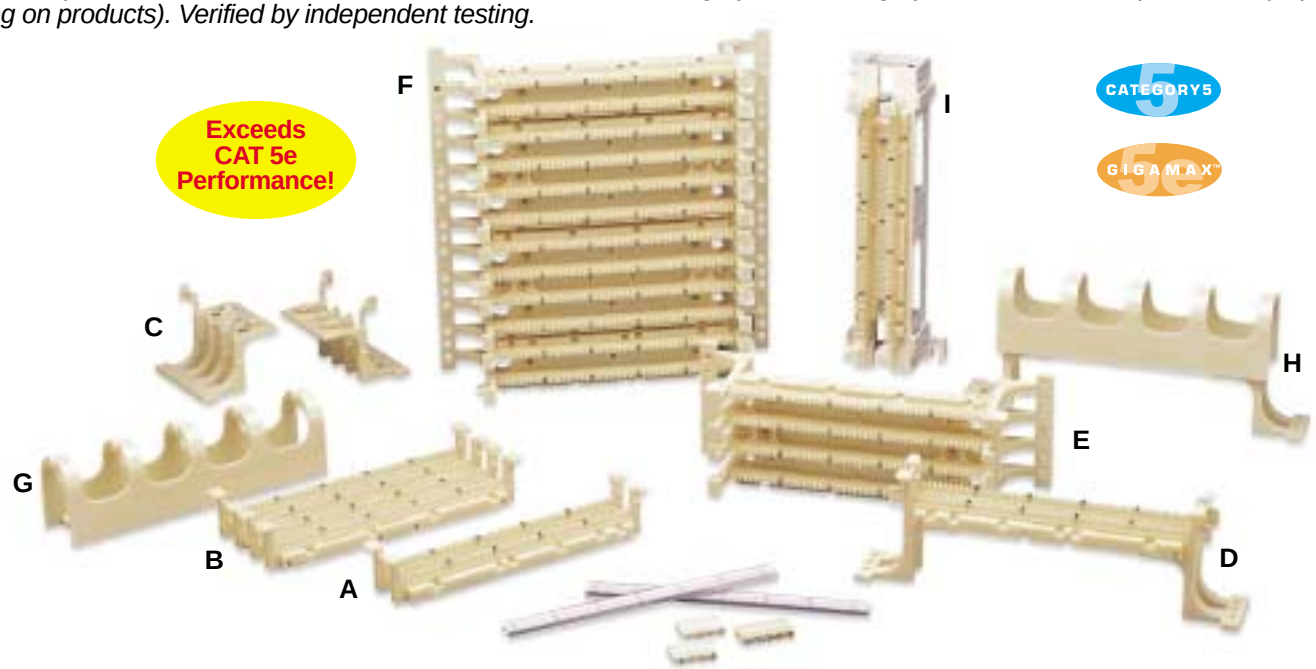
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wall Mount 110 Wiring Products

Create compact, adaptable 110 termination fields for voice and data by mounting 110 wiring bases to the wall or a backboard. Bases come in 50-, 100- or 300-pair densities. The 50- and 100- pair bases may be ordered with or without standoff legs which provide more room behind the base for cable. All 300-pair bases include standoff legs, label strip holders and white paper label strips. A 50-pair 89D bracket configuration is also available (89D bracket sold separately, S33).

Complete kit versions are available for 100- and 300-pair wall mount units and 89D wiring base, and include bases, C-4 & C-5 connecting blocks, label holders and white paper label strips.

All components are UL Listed and now exceed TIA-568-A, Category 5e or Category 6 transmission requirements (depending on products). Verified by independent testing.



Wall Mount 110 Products — Individual Components & Combinations U

DESCRIPTION	CAT. NO.
A **50-Pair Wall Mount Wiring Base without Legs**	41DW1-50
Legs Only, 50-Pair Base (set of two) for 41DW1-50	410L2-50
B **100-Pair Wall Mount Wiring Base without Legs**	41DW2-100
C **Legs only, 100-Pair Base (set of two) for 41DW2-100**	410L2-100
D **50-Pair Wall Mount Wiring Base with Legs**	41AW1-50
E **100-Pair Wall Mount Wiring Base with Legs**	41AW2-100
F **300-Pair Wall Mount Wiring Base with Legs and White Label Strips/Holders**	41AW2-300
G **Horizontal Cord Manager without Legs**	41D10-HCM
H **Horizontal Cord Manager with Legs**	41A10-HCM
I **50-Pair 89D Bracket Compatible Wiring Base** (89D Bracket sold separately, Cat. No. 40089-D)	41DW1-589

Wall Mount 110 Products — Kitted Versions

DESCRIPTION	CAT. NO.
J **100-Pair Wall Mount Wiring Base Kit with Base, Legs, Label Strip Holders, White Label Strips, 20 C-4 Connectors and 4 C-5 Connectors**	41AB2-1FT
300-Pair Wall Mount Wiring Base Kit with Base, Legs, Label Strip Holders, White Label Strips, 60 C-4 Connectors and 12 C-5 Connectors	41AB2-3FT
50-Pair 89D Bracket Compatible Wiring Base Kit with Base, Label Strip Holders, White Label Strips, 10 C-4 Connectors and 2 C-5 Connectors (89D Bracket sold separately, Cat. No. 40089-D)	41DB1-5FT

Category 6 110 Connector Block Kit

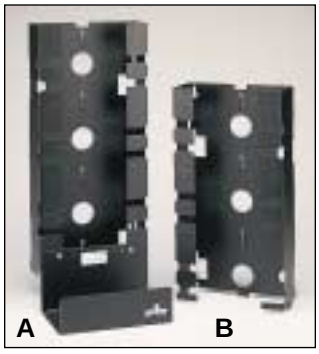
DESCRIPTION	CAT. NO.
Category 6 110 Connector Block Kit	41AB6-1FT

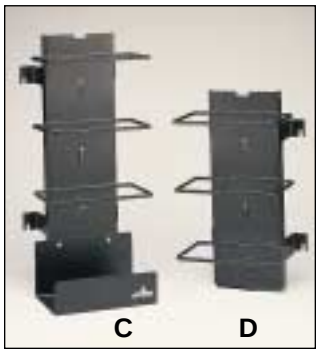
MATERIAL CHARACTERISTICS

- Horizontal cord managers and 110 wiring bases feature sturdy single-piece construction of fire-retardant plastic rated UL 94V-0
- C-4 and C-5 connector blocks (sold separately or included in kitted versions) are fire-retardant UL 94V-0 plastic with solder-plated IDC's

Kits available for 100- and 300-pair wiring bases (100-pair is shown above), and 50-pair 89D wiring base.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com





Wall Mounting Frame Style 110 Wiring Products

For 110 wall mount applications, mounting frames provide additional options for cord/cable management, access and density via a rear cable channel, side slots, horizontal cord managers and a bottom cable tray. Components are offered individually or in kits (see ordering information below for description of included parts).

Begin with the basic mounting frames and vertical cord managers. Each has a 300-pair capacity—room for three 100-pair wiring bases, with 100-pair horizontal cord managers in between. The capacity for each mounting frame or vertical manager may be increased to 600 or 900 pairs with the addition of up to two extension units.

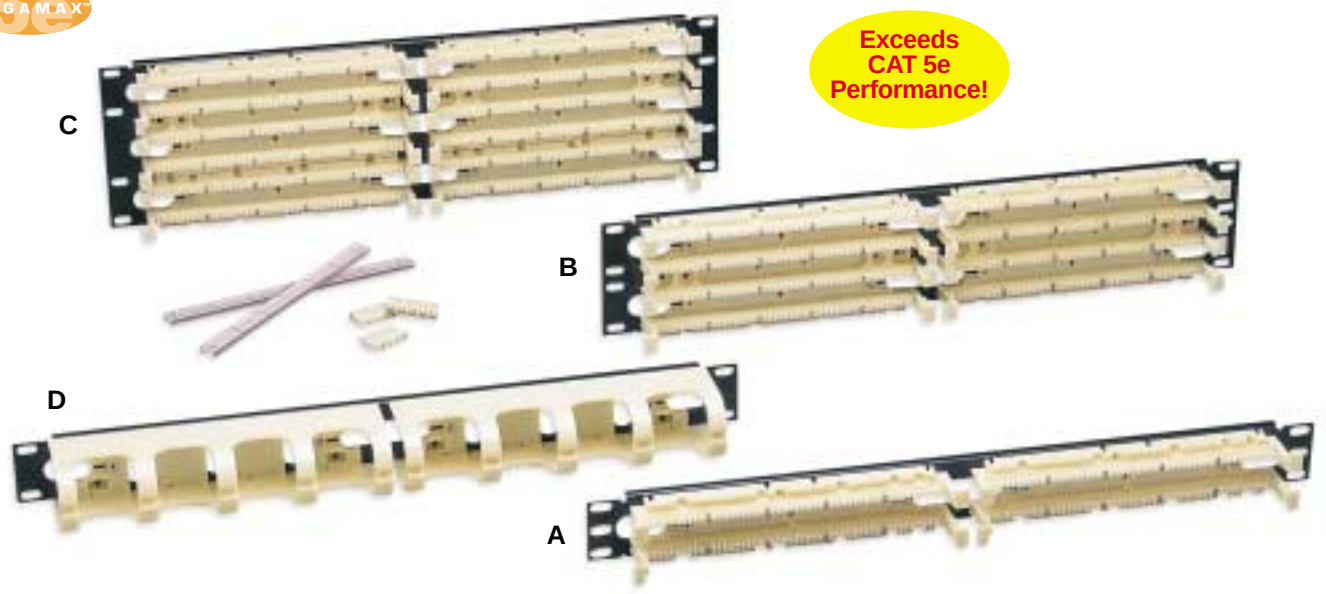
Frames, trays and vertical cord managers are composed of sturdy steel, painted black; wiring bases, connector blocks and horizontal cord managers are fire-retardant plastic rated UL 94V-0. Kits include screws for attaching wiring bases to the mounting frame. All components are UL Listed and now exceed Category 5e transmission requirements. Verified by independent testing.

Wall Mounting Frame Style 110 Wiring Products

DESCRIPTION	CAT. NO.
A **300-Pair BASIC Mounting-Frame Unit (Sheet Metal Frame and Bottom Cable Tray only)**	41MB2-SMF
B **300-Pair EXTENSION Mounting-Frame Unit (Sheet Metal Frame only)**	41MB2-SME
BASIC Mounting-Frame Kit with Three 100-Pair Bases; Mounting Frame; Cable Tray; C-4 and C-5 Connector Blocks; Three Horizontal Cord Managers; Label Strip Holders and White Label Strips	41MB2-3FT
EXTENSION Mounting-Frame Kit with Three 100-Pair Bases; Mounting Frame; C-4 and C-5 Connector Blocks; Three Horizontal Cord Managers; Label Strip Holders and White Label Strips	41MB2-EXT
C **300-Pair Vertical Cord Manager, BASIC Unit; includes Bottom Cable Tray**	41880-300
D **300-Pair Vertical Cord Manager, EXTENSION Unit**	41880-EXT

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

CATEGORY 5
GIGAMAX 5e



Exceeds CAT 5e Performance!

Rack Mount 110 Wiring Products

Rack mount 110 wiring products attach to standard 19" wide racks to create compact, adaptable 110 termination fields for voice and data. Panels come in 100-, 200- or 300-pair densities and terminate 22-26 AWG solid copper wire. Cord management is provided by horizontal cord managers (sold separately).

Kits for 100-, 200- and 300-pair rack-mount panels include the panel, C-4 and C-5 connecting blocks, label strip holders and white paper label strips.

Horizontal cord managers and 110 wiring bases feature sturdy single-piece construction of fire-retardant plastic rated UL 94V-0. Wiring bases are attached to 19" wide steel rack-mount panels, painted black. Screws are included for mounting the panels onto 19" racks. C-4 and C-5 connector blocks are fire-retardant UL 94V-0 plastic with solder-plated IDC's.

All components are UL Listed and now exceed Category 5e transmission requirements. Verified by independent testing.

Individual Components U

DESCRIPTION	CAT. NO.
A **100-Pair Rack Mount Wiring Panel**	41DR2-100
B **200-Pair Rack Mount Wiring Panel**	41DR2-200
C **300-Pair Rack Mount Wiring Panel**	41DR2-300
D **Rack Mount Horizontal Cord Manager (for part numbers listed above and below)**	41D1R-HCM

Kitted Versions

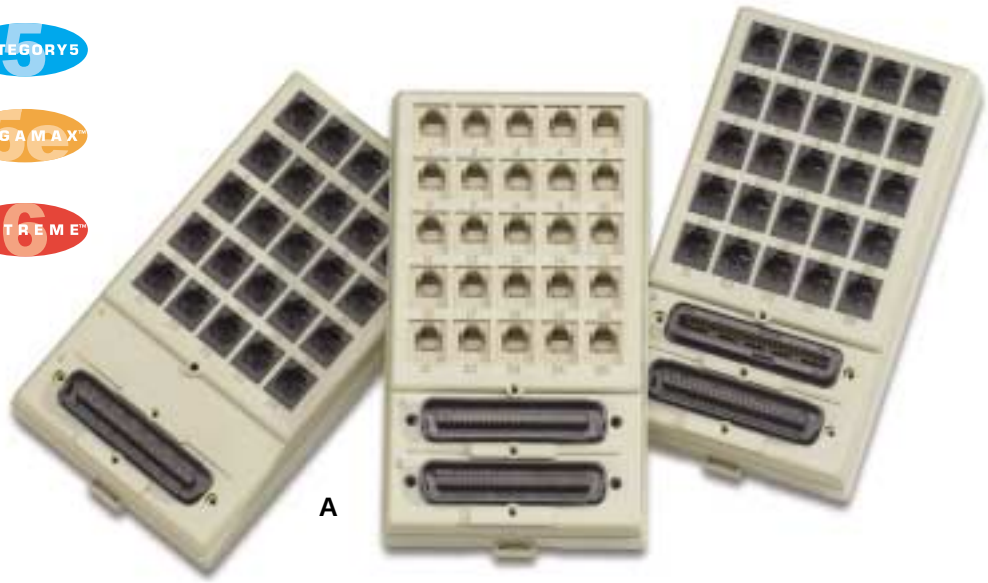
DESCRIPTION	CAT. NO.
100-Pair Rack Mount Wiring Panel Kit with Panel, Label Strip Holders, White Label Strips, 20 C-4 Connectors, and 4 C-5 Connectors	41DBR-1FT
E **200-Pair Rack Mount Wiring Panel Kit with Panel, Label Strip Holders, White Label Strips, 40 C-4 Connectors, and 8 C-5 Connectors**	41DBR-2FT
300-Pair Rack Mount Wiring Panel Kit with Panel, Label Strip Holders, White Label Strips, 60 C-4 Connectors, and 12 C-5 Connectors	41DBR-3FT

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surface Mount Mini Patch Panels

For applications where space limitations or simple breakout patching does not justify the use of rack-mounted patch panels, Leviton offers a full-function Mini Patch Panel with modular jacks that can be mounted almost anywhere—even in cramped quarters. Combine two or more panels in-line and use patch cords to make and change connections. Leviton's modular jack design suits most voice and data applications.

CATEGORY 5
GIGAMAX™
EXTREME™



***COLOR FOR 110 LABELING KITS**

Colors as listed. Add suffix to catalog number for color selection, as follows: Brown (I), White (W), Gray (G), Red (R), Orange (O), Blue (L), Yellow (Y), Green (V), Purple (P).

MATERIAL CHARACTERISTICS

Surface Mount Mini Patch Panels

- Housings: High-impact, fire-retardant plastic rated UL 94V-0
- Connector terminals: High-strength copper alloy, selectively gold plated over nickel in contact area
- Connectors meet the requirements of FCC Part 68 for standard telecommunications interface (RJ21X)

Surface Mount Mini Patch Panels U S

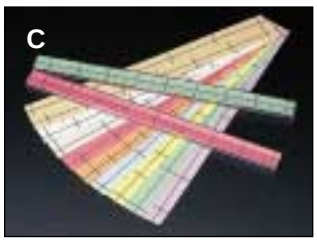
DESCRIPTION	CAT. NO.
A **25 6-Position 2-Conductor (RJ11) FCC Spec Jacks Wired into One Male 25-Pair Connector in Surface Mount Housing. Wired in Standard T-R Sequence (26-1, 27-2, 28-3, etc.)**	41600-I
A **25 6-Position 4-Conductor (RJ14) FCC Spec Jacks Wired into Two Male 25-Pair Connectors in Standard T-R Sequence**	41610-I
A **25 6-Position 2-Conductor (RJ11) FCC Spec Jacks Wired into Two Bridged 25-Pair Connectors (one male and one female) In Standard T-R Sequence for Series Connection**	41620-I

110 Connector Blocks

B *These high-quality connector blocks securely seat the wires on 110 wiring bases, providing a gas-tight IDC connection that maintains signal integrity for high performance applications. Available in three pair-count sizes: C-3, C-4 and C-5. These blocks withstand 200 reterminations, and are made of fire-retardant plastic rated UL 94V-0 with solder-plated insulation displacement connectors. 110 Connector Blocks exceed Category 5e transmission requirements.*

110 Connector Clips

DESCRIPTION	CAT. NO.
B **C-3 Connector Clips (bag of 10)**	49103-IDC
B **C-4 Connector Clips (bag of 10)**	49104-IDC
B **C-4 Connector Clips (bag of 50)**	49104-I50
B **C-5 Connector Clips (bag of 10)**	49105-IDC



110 Product Labeling Holders and Strips

C *Identify 110 port assignments with these clear plastic label holders and slide-in label strips. The holders attach to all types of 110 wiring bases—wall, rack and wall mounting frame styles. Strips come in your choice of one of nine colors, and are lined for 2-, 3-, 4- or 5-pair spacing.*

110 Product Labeling Kits

DESCRIPTION	CAT. NO.	COLORS*
C **Clear Label Holders (bag of 6)**	4100-HLD	———
C **Label Strips lined for 2-, 3-, 4- or 5-pair spacing (bag of 6) available in one of 9 Colors**	41LBL-00*	B, W, G, R, O, L, Y, V, P

*= Color choices : Brown (B), White (W), Gray (G), Red (R), Orange (O), Blue (L), Yellow (Y), Green (V) and Purple (P).

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

66-Clip Connecting Blocks

These industry-standard blocks are used in equipment rooms to connect voice and data network wiring to customer premises equipment. They are also used in remote and intermediate wiring closets throughout larger installations as common connecting points for nearby equipment. Constructed of high-impact, fire-retardant molded thermoplastic, Leviton connecting blocks utilize phosphor bronze quick-connect insulation displacement 66-clips for ease of installation, and proven mechanical and electrical reliability.

The 66 blocks may be installed individually or in pairs in a cross-connect system to facilitate subsequent adds, moves, and changes. In a cross-connect system, jumper wires are used to make connections between blocks. Stations can then be disconnected and reassigned without disturbing station wire—simply by moving the jumpers. Bridging clips can sometimes be used on split 50 blocks in place of jumpers.

M Block: 25-Pair

A *Contains 50 rows, each with a single clip having four slots as shown at right. Incoming cable pairs are connected by terminating the tip conductor on the leftmost slot of one row, and the ring conductor on the leftmost slot of the next lower row. The three remaining slots in each clip are available for cross-connects.*

Split M Block: 50-Pair

B *Split M block, like 25-pair M block, contains 50 rows of clips, but instead of one 4-slot clip, each row contains two separate 2-slot clips. By terminating 25 incoming pairs on the slots of the left-hand clips and an additional 25 pairs on the slots of the right-hand clips, 50 cross-connects can be made. Alternatively, bridging clips may be used to connect the two adjacent sets of clips together. (See page S34.) Category 5e-rated.*

CATEGORY 5

M Block with Female Connector

C *50-pair M block with prewired, pretested 25-pair female connector on left side fanning strip to speed connection of incoming pairs.*

M Block with Female and Male Connectors

D *50-pair M block with prewired, pretested 25-pair female connector on left and male connector on right for fastest installation. Simply plug in connectors and insert bridging clips to complete the connections.*

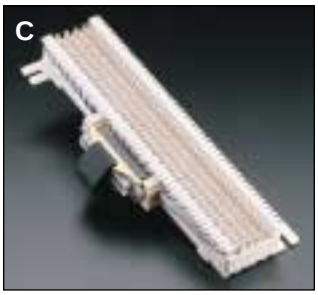
Connectorized Demarc Block

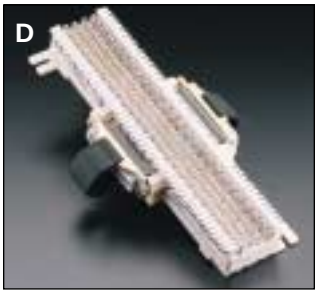
E *Designed for use at the demarcation point, this 50-pair M block includes mounting bracket and snap-on orange cover with designation strip. Prewired, pretested 25-pair female connector mounted on right side speeds connection of customer premise equipment to the network interface.*

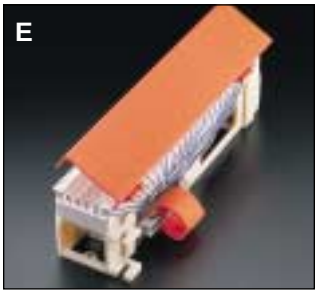
66 Clip Connecting Blocks U

DESCRIPTION	CAT. NO.
A **M Block: 25-Pair (66M1-25) 10" H x 3 5/16" W x 1 3/16" D**	40066-M25
B **Split M Block: 50-Pair (66M1-50) 10" H x 3 5/16" W x 1 3/16" D**	40066-M50
C **M Block with Female Connector (66M1-50W) 10" H x 3 5/16" W x 1 3/16" D**	40066-MW
D **M Block with Female and Male Connectors (66M1-50W2) 10" H x 3 5/16" W x 1 3/16" D**	40066-MW2
E **Connectorized Demarc Block (66M1-50R) 10" H x 3 13/32" W x 2 3/4" D**	40066-MR

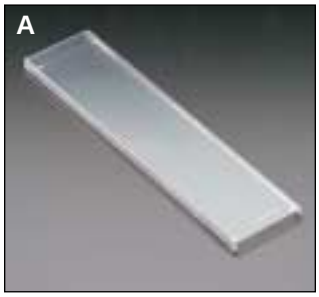
Note: Numbers in parenthesis refer to industry product designation.







Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



66-Clip Connecting Block Accessories

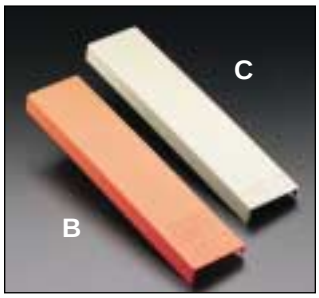
Snap-On Cover for M Blocks

A *Snaps onto 25- and 50-pair M blocks to protect wiring from dust, dirt and incidental shorting. Transparent plastic permits viewing of wiring and pair assignments. Durable, fire-retardant thermoplastic.*

Snap-On Cover for M Blocks

DESCRIPTION	CAT. NO.
A **Snap-On Cover for M Blocks (66MC-4) 9 15/16" H x 2 5/16" W x 15/16" D**	40050-MCV

Note: Numbers in parenthesis refer to industry product designation.



Hinged Cover for Demarc Blocks

B *Colored orange to identify the network demarcation point, this hinged cover snaps onto the right side fanning strip of 25- and 50-pair M blocks to protect wiring from dust, dirt and incidental shorting. Allows wires to be routed from both left and right sides. Designation strip included on inside for recording pair assignments.*

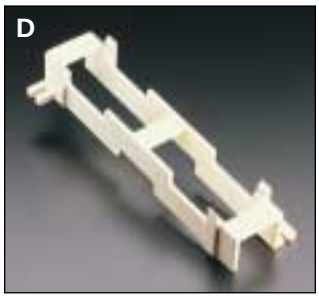
Hinged Cover for M Blocks: Gray

C *Snaps into the right side fanning strip of 25- and 50-pair M blocks. Protects wiring from dust, dirt, and incidental shorting. Allows wires to be routed from both left and right sides. Designation strip included on inside for recording pair assignments.*

Hinged Covers for Demarc and M Blocks

DESCRIPTION	CAT. NO.
B **Hinged Cover for Demarc Blocks: Orange (66MC4LH-O) 10" H x 2 7/16" W x 3/4" D**	40050-MHO
C **Hinged Cover for M Blocks: Gray (66MC4LH-G) 10" H x 2 7/16" W x 3/4" D**	40050-MHG

Note: Numbers in parenthesis refer to industry product designation.



Standoff Bracket for M Blocks

D *Standard mounting bracket for use with all 25- and 50-pair M blocks.*

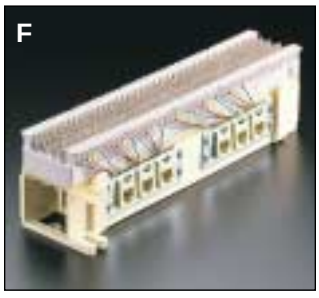
M-Block Bracket for Jack/Connector Mounting

E *Standoff bracket for 25- and 50-pair M blocks, 89D 110 wiring bases (page S25), and QuickPort Patch Blocks (page S19). Bracket is open at top and bottom so that installers may mount bracket and lay cable, then install connecting block easily at a later date.*

Standoff Bracket for M Blocks and M-Block Bracket for Jack/Connector Mounting U

DESCRIPTION	CAT. NO.
D **Standoff Bracket for M Blocks (89-B) 10" H x 3 13/32" W x 1 1/2" D**	40089-B
E **M-Block Bracket for Jack/Connector Mounting (89-D) 10" H x 3 13/32" W x 1 1/2" D**	40089-D

Note: Numbers in parenthesis refer to industry product designation.



Prewired 66 Blocks

F *The 66 M1-50 block and 89-D bracket come preassembled with designated connectors.*

Prewired 66 Blocks U

DESCRIPTION	CAT. NO.
12 6p4c Connectors	49114-QIA
12 6p6c Connectors	49112-QIA
12 8p8c Connectors, T568B	49111-QIA

MATERIAL CHARACTERISTICS

25-pair connector terminals: High-strength copper alloy, selectively gold plated over nickel in contact area. 25-pair connectors meet the requirements of FCC Part 68 for standard telecommunications interface (RJ21X).

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Bridging Clips

A *Clips press onto the two center slots in any row of a Split M block (as shown at right). If outside cable pairs are terminated on left-hand clips and station equipment wire is terminated on right-hand clips, then connections may be made or eliminated easily just by inserting or removing the bridging clips. They can also be used on other products which use 66-clips. Made of tin-plated phosphor bronze alloy, these clips can be easily removed and reused for rewiring.*

Bridging Clips

DESCRIPTION	CAT. NO.
A **Bridging Clips (SA-I) bag of 50 only**	40067-BC

Note: Numbers in parenthesis refer to industry product designation.

Wire Distribution Spool

B *Facilitates routing and fanning of cable, cross-connections, and jumper wires to any connection apparatus. Mounts conveniently on backboard of distribution frame.*

Wire Distribution Spool With Screw

C *Includes captive wood screw for quick backboard mounting.*

Wire Distribution Spools

DESCRIPTION	CAT. NO.
B **Wire Distribution Spool (20-A) 1 3/4" Dia. x 3" H**	40054-DS
C **Wire Distribution Spool with Screw (20-B) 1 3/4" Dia. x 3" H**	40054-DSS

Note: Numbers in parenthesis refer to industry product designation.

Modular Adapter

D *Plugs into M blocks to convert 66-clip contacts to a modular jack for quick connection of equipment.*

Modular Adapter

DESCRIPTION	CAT. NO.	APPLICATION
2-Position Modular Adapter	40072-T2 (Tap™-2)	Converts two 66-clip contacts into a 6-position, 2-conductor modular jack
4-Position Modular Adapter	40072-T4 (Tap™-4)	Converts four contacts into a 6-position, 4-conductor modular jack
6-Position Modular Adapter	40072-T6 (Tap™-6)	Converts six contacts into a 6-position, 6-conductor modular jack
8-Position Modular Adapter, T568B wiring	40072-T8 (Tap™-8)	Converts eight contacts into an 8 position, 8-conductor non-keyed modular jack

Note: TAP is a trademark of The Siemon Company.

MATERIAL CHARACTERISTICS

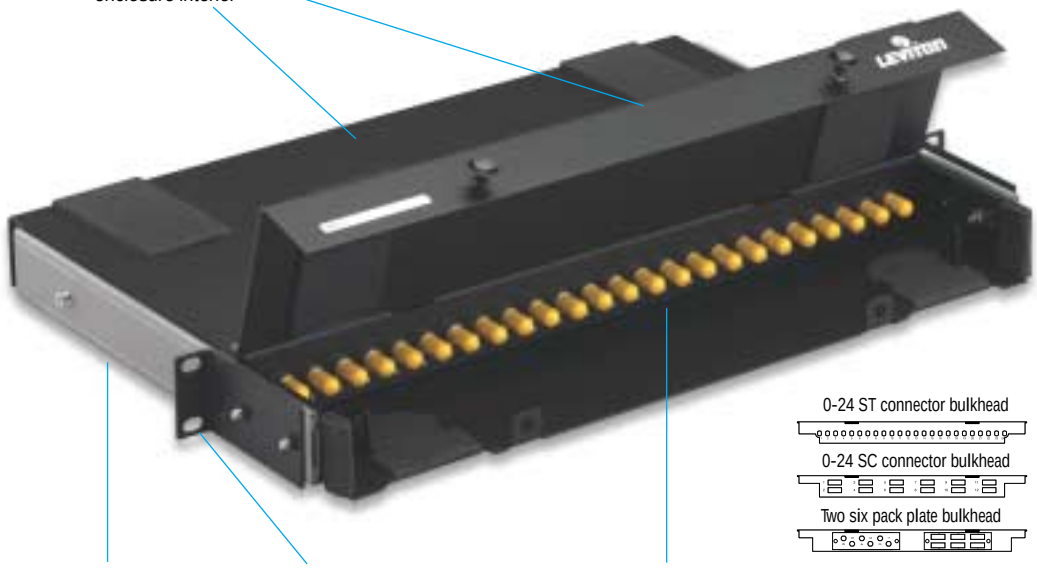
- Housings: High-impact, fire-retardant plastic rated UL 94V-0
- Spring wire contacts: Phosphor bronze plated with 50 microinches hard gold over 100 microinches nickel
- Wire leads: PVC-insulated 26 AWG stranded copper

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Low-Profile Rack Mount Fiber Optic Patch Enclosures

See Fiber Density Chart on page S40

Completely removable top with tilt-up, removable front and rear doors provides unobstructed access to the enclosure interior



Slide rail option allows easy installation and re-entry regardless of equipment or enclosures above

Mounting brackets are reversible for mid- or flush-mounting in 19" racks

High-density adapter bulkhead houses up to 24 ST or 12 duplex SC adapters. Another version accepts two six-fiber mounting plates; configure with ST, FC, SC, and MT-RJ or add a QuickPort plate to create a multimedia enclosures.

Low-Profile Rack Mount Enclosures (1RU) w/o Rails—1¾" H x 19" W x 12" D U

DESCRIPTION	CAT. NO.
24 Fiber ST Bulkhead w/6 Adapters	5R030-0AB
24 Fiber ST Bulkhead w/3 Duplex Adapters	5R030-0HB
12–24 Fiber, Empty (accepts 2 bulkheads, sold sep.)	5R130-00N
12 Fiber, Loaded w/ST Adapters	5R230-0AB
12 Fiber, Loaded w/6 Duplex SC Adapters	5R230-0HB
24 Fiber, Unloaded, Punched for ST Adapters	5R330-0AA
24 Fiber, Unloaded, Punched for Duplex SC Adapters	5R330-0HA
24 Fiber Loaded w/ST Adapters	5R330-0AB
24 Fiber Loaded w/12 Duplex SC Adapters	5R330-0HB

Add-On Slide Rail Kit

Slide Rail Kit for 24 or 72 Port Rack Mount Panels Only	5S100-SLM

Replacement Door

24 Port Rack Mount Metal Replacement Door	5D000-1RM

Low-Profile Rack Mount Enclosures (1RU) w/Rails—1¾" H x 19" W x 12" D U

DESCRIPTION	CAT. NO.
24 Fiber ST bulkhead w/6 Adapters	5P030-0AB
24 Fiber SC bulkhead w/3 Duplex Adapters	5P030-0HB
12-24 Fiber, Empty (accepts 2 bulkheads, sold sep.)	5P130-00N
12 Fiber Loaded w/ST Adapters	5P230-0AB
12 Fiber Loaded w/6 Duplex SC Adapters	5P230-0HB
0-24 Fiber Unloaded, Punched for ST Adapters	5P330-0AA
0-24 Fiber Unloaded, Punched for Duplex SC Adapters	5P330-0HA
24 Fiber Loaded w/ST Adapters	5P330-0AB
24 Fiber Loaded w/12 Duplex SC Adapters	5P330-0HB

LOADED = The bulkhead contains the specified couplings.

UNLOADED = Iincludes a bulkhead plate which has openings for, but does not include, the specified couplings.

EMPTY = No bulkhead coupling plates are included.

Note: For Bulkheads and Accessories, see page S40.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

2RU Universal Fiber Optic Patch Enclosures

Horizontal entry ports in the front and back and vertical entry ports in the rear offer egress/ ingress for distribution of patch cables.

See Fiber Density Chart on page S40

Front and rear tilt-up lids that provide unobstructed access to adapters and mounting plates.

Wall-mount or Rack-mount! Mid- or flush-mount the 2RU in any space on a standard 19" or 23" rack, or use the universal mounting brackets to flush mount on a wall.

Room for up to 6 Mounting Plates, housing a wide variety of SC, FC, ST, MT-RJ and LC adapters. See Fiber Density Chart on page S40.

Metal or smoked polycarbonate doors. Metal doors are available with or without a lock.

Universal Fiber Optic, 2 Rack Units High (2RU)— 3 1/2" x 19" W x 12" D U

DESCRIPTION	CAT. NO.
Empty with Metal Door and One Lock/Key	5R440-00N
Empty with Metal Door, No Lock	5R430-00N
Empty with Smoked Polycarbonate Door, No Lock	5R460-00N

Replacement Doors

DESCRIPTION	CAT. NO.
2 Rack Units Replacement Metal Door	5D000-2RM
2 Rack Units Replacement Poly Door	5D000-2RP

Fiber Panel Accessories

12 Splice Ditel Splice Kit	5T000-00T
3M Fibrlock™ Splice Holder	5T000-3MT
AT&T Rotary Splice Holder	5T000-ATT
Lock and Key	5L000-LOK
Slide Mounts (Kit)	5S100-SLM
Fiber Rings, 2 per Pack	5R100-OFR

Note: All STOCK configurations of this rack mount are sold “empty”, or without any bulkheads installed. Capacity is dependent upon configuration of bulkheads. Rack mount DO include grounding/strain relief, grommets, labels, 8 or 16 blank plastic bulkheads, and the appropriate number of cable management rings.

Note: For Bulkheads and Accessories, see page S40.

Wall mount or rack mount for maximum flexibility.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Rack Mount Fiber Optic Patch Enclosures

Tilt-up rear door provides unobstructed access to the fiber loop. 3RU features wire management bar two sets of cable management rings

Reversible mounting brackets allow mounting on 19" or 23" industry standard equipment frames; move forward for flush mount position in NEMA enclosures

Includes 8 (3RU) or 16 (6RU) plastic bulkheads to inexpensively fill up any unused locations

Houses up to twelve bulkheads for assorted fiber or multimedia applications. See chart.

See Fiber Density Chart on page S40

Front and rear doors drop down flat to act as a work-shelf, or can be removed completely. Available in metal or smoked polycarbonate

Rack Mount, 3 Rack Units High (3RU)—5¼" H x 19" W x 12" D U

DESCRIPTION	CAT. NO.
Empty with Metal Door, No Lock	5R730-00N
Empty with Metal Door and One Lock/Key	5R740-00N
Empty with Smoked Polycarbonate Door, No Lock	5R760-00N

Rack Mount, 6 Rack Units High (6RU)—10½" H x 19" W x 12" D U

DESCRIPTION	CAT. NO.
Empty with Metal Door, No Lock	5R930-00N
Empty with Metal Door and One Lock/Key	5R940-00N
Empty with Smoked Polycarbonate Door, No Lock	5R960-00N

Add-On Slide Rail Kit

Slide Rail Kit for 3RU or 6RU Fiber Rack Mount Only	5S100-SLM

Replacement Door

3RU Rack Mount Metal Replacement Door	5D000-3RM
3RU Rack Mount Smoked Poly Replacement Door	5D000-3RP

Add-on Lock and Key

Add security to an existing metal door — simply remove the black plastic plug on the door front, and replace with lock mechanism. Lock and Key	5L000-LOK

Note: All STOCK configurations of this rack mount are sold “empty”, or without any bulkheads installed. Capacity is dependent upon configuration of bulkheads. Rack mount DO include grounding/strain relief, grommets, labels, 8 or 16 blank plastic bulkheads, and the appropriate number of cable management rings.

Note: For Bulkheads and Accessories, see page S40.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wall-Mount Fiber Optic Patch Enclosures

See Fiber Density Chart on page S40

Unique cable management ring is adjustable and stackable to simplify fiber loop installation, bend radius compliance, and future maintenance/additions. Stores 3 meters of 900 micron fiber per cou-

Door is L-shaped for maximum access to bulkheads through the open sidewall

Door options:

- *Split with single lock*
- *Split with two locks (custom option)*
- *Solid with single lock*
- *Solid without lock*

Houses 2 (small), 4 (medium) or 12 mounting plates for assorted fiber or multimedia applications. See chart on page S40.

Sidewall cutout gives completely unobstructed access to the bulkheads when door is open (covered when door is closed)

Small Wall-Mount Enclosures—8" H x 13" W x 3 1/2" D U

DESCRIPTION	CAT. NO.
Empty with Solid Metal Door, No Lock	5W110-00N
Empty with Split Metal Door and One Lock/Key	5W120-00N
Empty with Solid Metal Door and Lock/Key	5W170-00N

Medium Wall-Mount Enclosures—14" H x 12" W x 5 1/4" D U

Empty with Solid Metal Door, No Lock	5W310-00N
Empty with Split Metal Door and One Lock/Key	5W320-00N
Empty with Solid Metal Door and One Lock/Key	5W370-00N

Large Wall-Mount Enclosures—17" H x 15" W x 5 1/4" D U

Empty with Solid Metal Door, No Lock	5W710-00N
Empty with Split Metal Door and One Lock/Key	5W720-00N
Empty with Solid Metal Door and One Lock/Key	5W770-00N

Add-on Lock and Key

Add security to an existing metal door — simply remove the black plastic plug on the door front, and replace with lock mechanism. Lock and Key	5L000-LOK

Please Note: All STOCK configurations of this wall-mount enclosure are sold 'empty,' or without any bulkheads installed. Capacity is dependent upon configuration of bulkheads shown on page S-40. The wall-mount enclosures DO include grounding/strain relief, grommets, labels, and the appropriate number of cable management rings. Large Wall-Mount Enclosure includes 8 blank plastic mounting plates.

Note: For Bulkheads and Accessories, see page S40.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fiber Optic Cable Assemblies

Leviton now offers an expanded line of low cost, high quality fiber optic cable assemblies and pigtail connectors for frame and workstation. Strenuously tested for return and insertion loss, and held to strict internal quality standards, these cords are developed to exceed TIA 568-B.3 standards. The line includes standard & hybrid combinations of connectors, as well as a selection of pre-polished pigtail fiber connectors in ST, SC, FC, LC and MT-RJ styles. We can even provide custom lengths and configurations for fiber runs, to your exact specifications—simply call customer service for more information. Please Note: custom lengths may require a waiting period. All cables are OFN-riser rated and meet all applicable TIA/EIA and industry standards.

Multimode

Singlemode

Pigtail

Fiber Optic Patch Cords, OFNR Riser-Rated

Connector Style	Density	PC Polish	SPC Polish	UPC Polish	APC Polish	50 micron	62.5 micron
Standard							
MT-RJ to MT-RJ	Duplex	——	——	——	——	50DMJ-M**	62DMJ-M**
ST to ST	Duplex	PCDST-S**	SPDST-S**	UPDST-S**	——	50DST-M**	62DST-M**
ST to ST	Simplex	PCSST-S**	SPSST -S**	UPSST-S**	——	✎	✎
SC to SC	Duplex	PCDSC-S**	SPDSC-S**	UPDSC-S**	APDSC-S**	50DSC-M**	62DSC-M**
SC to SC	Simplex	PCSSC-S**	SPSSC-S**	UPSSC-S**	APSSC-S**	✎	✎
FC to FC	Duplex	✎	✎	✎	✎	50DFC-M**	62DFC-M**
FC to FC	Simplex	PCSFC-S**	SPSFC-S**	UPSFC-S**	APSFC-S**	✎	✎
LC to LC	Duplex	PCDLC-S**	✎	✎	——	50DLC-M**	62DLC-M**
LC to LC	Simplex	PCSLC-S**	SPSLC-S**	UPSLC-S**	——	✎	✎
Hybrid							
MT-RJ to SC	Duplex	——	——	——	——	50DCM-M**	62DCM-M**
MT-RJ to ST	Duplex	——	——	——	——	50DTM-M**	62DTM-M**
ST to SC	Duplex	PCDCT-S**	SPDCT-S**	UPDCT-S**	✎	50DCT-M**	62DCT-M**
ST to SC	Simplex	PCSCT-S**	SPSCT-S**	UPSCT-S**	✎	✎	✎
ST to FC	Duplex	✎	✎	✎	✎	50DTF-M**	62DTF-M**
ST to FC	Simplex	PCSTF-S**	SPSTF-S**	UPSTF-S**	✎	✎	✎
SC to FC	Duplex	✎	✎	✎	✎	50DCF-M**	62DCF-M**
SC to FC	Simplex	PCSCF-S**	SPSCF-S**	UPSCF-S**	APSCF-S**	✎	✎
ST to LC	Duplex	PCDTL-S**	SPDTL-S**	UPDTL-S**	✎	50DTL-M**	62DTL-M**
ST to LC	Simplex	PCSTL-S**	SPSTL-S**	UPSTL-S**	✎	✎	✎
SC to LC	Duplex	PCDCL-S**	SPDCL-S**	UPDCL-S**	✎	50DCL-M**	62DCL-M**
SC to LC	Simplex	PCSCL-S**	SPSCL-S**	UPSCL-S**	✎	✎	✎
FC to LC	Simplex	PCSFL-S**	SPSFL-S**	UPSFL-S**	✎	✎	✎
Pigtail							
MT-RJ	Duplex	——	——	——	——	50PMJ-M03	62PMJ-M03
ST	Simplex	PCPST-S03	SPPST-S03	UPPST-S03	——	50PST-M03	62PST-M03
SC	Simplex	PCPSC-S03	SPPSC-S03	UPPSC-S03	APPSC-S03	50PSC-M03	62PSC-M03
FC	Simplex	PCPFC-S03	SPPFC-S03	UPPFC-S03	APPFC-S03	✎	✎
LC	Simplex	PCPLC-S03	SPPLC-S03	UPPLC-S03	APPLC-S03	50PLC-M03	62PLC-M03*

✎ = Special Order—Call Customer Service at 1-800-722-2082.
** = Length - 1 meter (01), 2 meters (02), 3 meters (03), 5 meters (05), or 10 meters (10).
All Pigtail Assemblies come standard in 3 meter lengths.

Note: To order custom lengths or configurations, please call Customer Service at 1-800-722-2082.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fiber Optic Accessories — Loaded and Unloaded Fiber Mounting Plates

Loaded Fiber Mounting Plates with Pre-Installed Adapters

	DESCRIPTION	CAT. NO.
A	**6-Pack ST, Phos. Bronze Sleeve**	5F100-1ST
	6-Pack ST, Zirconia Ceramic Sleeve	5F100-6ZT
B	**8-Pack ST, Phos. Bronze Sleeve**	5F100-8ST
	8-Pack ST, Zirconia Ceramic Sleeve	5F100-8ZT
C	**6-Pack FC, Phos. Bronze Sleeve**	5F100-6PF
	6-Pack FC, Zirconia Ceramic Sleeve	5F100-6ZF
D	**8-Pack FC, Phos. Bronze Sleeve**	5F100-8PF
	8-Pack FC, Zirconia Ceramic Sleeve	5F100-8ZF
E	**3-Pack Duplex SC (beige), Phos. Bronze Sleeve**	5F100-3BC
F	**3-Pack Duplex SC (blue), Phos. Bronze Sleeve**	5F100-3SC
	3-Pack Duplex SC (blue), Zirconia Ceramic Sleeve	5F100-3ZC
G	**6-Pack Duplex SC (beige), Phos. Bronze Sleeve**	5F100-6BC
H	**6-Pack Duplex SC (blue), Phos. Bronze Sleeve**	5F100-CSC
	6-Pack Duplex SC (blue), Zirconia Ceramic Sleeve	5F100-6ZC
I	**6-Pack MT-RJ (beige), Dual Polarity Multimode**	5F100-6MC
J	**12-Pack MT-RJ (beige), Dual Polarity Multimode**	5F100-12M
K	**6-Pack MM Duplex LC (12-fiber) (beige), Phos. Bronze Sleeve**	5F100-12P
L	**6-Pack SM Duplex LC (12-fiber) (blue), Zirconia Ceramic Sleeve**	5F100-12Z
M	**6-Pack MM Quad LC (24-fiber) (beige), Phos. Bronze Sleeve**	5F100-24P
N	**6-Pack SM Quad LC (24-fiber) (blue), Zirconia Ceramic Sleeve**	5F100-24Z

Unloaded Prepunched Fiber Mounting Plates – Adapters not included

	DESCRIPTION	CAT. NO.
O	**6-Pack ST/FC**	5F100-0ST
P	**8-Pack ST/FC**	5F100-NST
Q	**3-Pack Duplex SC/6-Pack Duplex LC (12-fiber)**	5F100-3CE
R	**6-Pack Duplex SC/6-Pack Quad LC (24-fiber)**	5F100-0SC
S	**6-Pack MT-RJ/6-Pack Duplex LC (12-fiber)**	5F100-OMT
T	**12-Pack MT-RJ**	5F100-O12
U	**6-Pack QuickPort® Snap-In Connector**	5F100-6QP
V	**Blank, Metal**	5F100-BLK
	Blank, Plastic	5F100-BPP

TECH NOTE — Fiber Density Chart

Rack Mount Density

LOW PROFILE 1RU—*Holds 1 High-Density Bulkhead with or w/out 2 Mounting Plates*
- [A] **6-pack ST** = up to 12 Fibers
- [B] **8-pack ST** = up to 16 Fibers
- [C] **6-pack FC** = up to 12 Fibers
- [D] **8-pack FC** = up to 16 Fibers
- [E] **3-pack Duplex SC** = up to 12 Fibers
- [F] **6-pack SC** = up to 24 Fibers
- [G] **6-pack MT-RJ/DLC** = up to 24 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 48 Fibers

2RU—*Holds Up to 6 Mounting Plates*
- [A] **6-pack ST** = up to 36 Fibers
- [B] **8-pack ST**= up to 48 Fibers
- [C] **6-pack FC** = up to 36 Fibers
- [D] **8-pack FC** = up to 48 Fibers
- [E] **3-pack Duplex SC** = up to 36 Fibers
- [F] **6-pack SC** = up to 72 Fibers
- [G] **6-pack MT-RJ/DLC** = up to 72 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 144 Fibers

3RU—*Holds Up to 12 Mounting Plates*
- [A] **6-pack ST** = up to 72 Fibers
- [B] **8-pack ST** = up to 96 Fibers
- [C] **6-pack FC** = up to 72 Fibers
- [D] **8-pack FC** = up to 96 Fibers
- [E] **3-pack Duplex SC** = up to 72 Fibers
- [F] **6-pack SC** = up to144 Fibers
- [G] **6-pack MT-RJ/DLC** = up to144 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 288 Fibers

6RU—*Holds Up to 24 Mounting Plates*
- [A] **6-pack ST** = up to 144 Fibers
- [B] **8-pack ST** = up to192 Fibers
- [C] **6-pack FC** = up to 144 Fibers
- [D] **8-pack FC** = up to192 Fibers

6RU—*Holds Up to 24 Mounting Plates (continued)*
- [E] **3-pack Duplex SC** = up to 144 Fibers
- [F] **6-pack SC** = up to 288 Fibers
- [G] **6-pack MT-RJ/DLC** = up to 288 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 576 Fibers

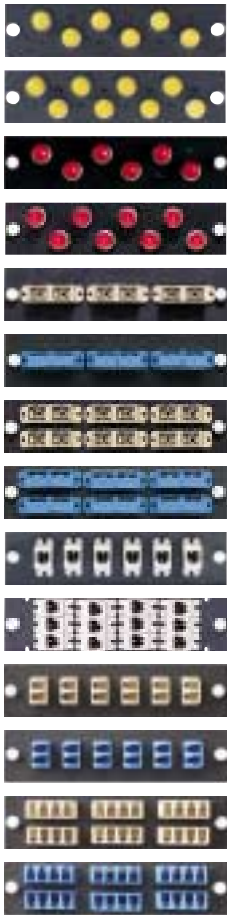
Wall Mount Density

SMALL—*Holds Up to 2 Mounting Plates*
- [A] **6-pack ST** = up to 12 Fibers
- [B] **8-pack ST** = up to 16 Fibers
- [C] **6-pack FC** = up to 12 Fibers
- [D] **8-pack FC** = up to 16 Fibers
- [E] **3-pack Duplex SC** = up to 12 Fibers
- [F] **6-pack SC** = up to 24 Fibers
- [G] **6-pack MT-RJ/LC** = up to 24 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 48 Fibers

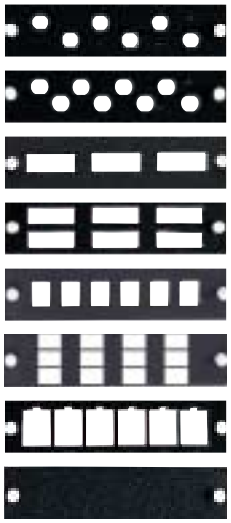
MEDIUM—*Holds Up to 4 Mounting Plates*
- [A] **6-pack ST** = up to 24 Fibers
- [B] **6-pack ST** = up to 32 Fibers
- [C] **6-pack FC** = up to 24 Fibers
- [D] **6-pack FC** = up to 32 Fibers
- [E] **3-pack Duplex SC** = up to 24 Fibers
- [F] **6-pack SC** = up to 48 Fibers
- [G] **6-pack MT-RJ/DLC** = up to 48 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 96 Fibers

LARGE—*Holds Up to 12 Mounting Plates*
- [A] **6-pack ST** = up to 72 Fibers
- [B] **8-pack ST** = up to 96 Fibers
- [C] **6-pack FC** = up to 72 Fibers
- [D] **8-pack FC** = up to 96 Fibers
- [E] **3-pack Duplex SC** = up to 72 Fibers
- [F] **6-pack SC** = up to 144 Fibers
- [G] **6-pack MT-RJ/DLC** = up to 144 Fibers
- [H] **12-pack MT-RJ/6-pack QLC** = up to 288 Fibers

Loaded:



Unloaded:

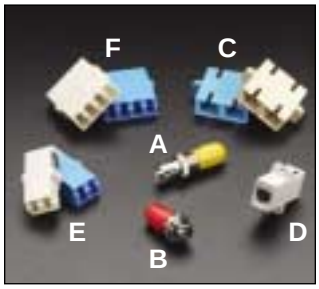


LOADED = includes the specified couplings installed.

UNLOADED = punched for,but not including the specified couplings.

3-pack, 6-pack, 8-pack, 12-pack = capacity of up to 3, 6, 8 or 12 connectors, respectively.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Fiber Adapters

DESCRIPTION	CAT. NO.
A **ST Adapter w/Phosphor Bronze Sleeve (pkg. of 50)**	49882-SAD
ST Adapter w/Zirconia Sleeve (pkg. of 50)	49882-ZAD
B **FC Adapter w/Phosphor Bronze Sleeve (pkg. of 50)**	49883-SAD
FC Adapter w/Zirconia Sleeve (pkg. of 50)	49883-MAD
C **SC Duplex Adapter (blue) w/Zirconia Sleeve (pkg. of 25)**	49884-SAD
SC Duplex Adapter (blue) w/Phosphor Bronze Sleeve (pkg. of 25)	49884-MAD
SC Duplex Adapter (beige) w/Phosphor Bronze Sleeve (pkg. of 25)	49884-BAD
D **MT-RJ Adapter (beige)**	49889-MAD
E **Duplex LC Adapter (beige) (pkg. of 25)**	5F100-DLC
Duplex LC Adapter (blue) (pkg. of 25)	5F100-DLZ
F **Quad LC Adapter (beige) (pkg. of 25)**	5F100-QLC
Quad LC Adapter (blue) (pkg. of 25)	5F100-QLZ

Fiber Optic Fan-Out Kit

G *Protect your bare fiber and prepare loose-tube cable for direct termination with these simple 6- or 12-fiber kits. Available in 24" or 36" lengths. Kits separate 250 µm fibers and route them into color-coded 900 µm buffer tubes. No proprietary tools required. Can be used with any manufacturers loose-tube cabling, and any industry standard connectors.*

Fiber Optic Fan-Out Kit

DESCRIPTION	CAT. NO.
G **24" Fiber Optic Fan-Out Kit, 6-fiber**	49887-06S
24" Fiber Optic Fan-Out Kit, 12-fiber	49887-12S
36" Fiber Optic Fan-Out Kit, 6-fiber	49887-06L
36" Fiber Optic Fan-Out Kit, 12-fiber	49887-12L

Splice Tray Kits

DESCRIPTION	CAT. NO.
H **12-splice Ditel™ Splice Tray Kit (Comes standard with Fusion/Heatshrink splice holders; Fibrlok™ Splice Holder is available below)**	5T000-00T
Fibrlok™ Splice Holder	5T000-3MT
AT&T™ Rotary Splice Holder	5T000-ATT

Extra Cable Management Rings

DESCRIPTION	CAT. NO.
I **Additional Fiber Cable Management Rings (package of 2)—Can be stacked on top of existing rings for additional cable storage or management.**	5R100-0FR

Duplex Clip

J–M *Protect your bare fiber and prepare loose-tube cable for direct termination with these simple 6- or 12-fiber kits. Available in 24" or 36" lengths. Kits separate 250 µm fibers and route them into color-coded 900 µm buffer tubes. No proprietary tools required. Can be used with any manufacturers loose-tube cabling, and any industry standard connectors.*

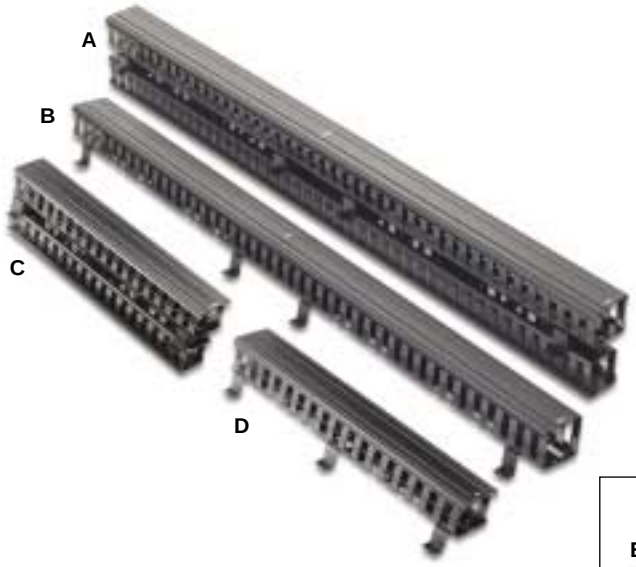
Duplex Clips

DESCRIPTION	CAT. NO.
J **Thread-Lock SC Duplex Clip, 25 clips per polybag**	49884-DPC
K **Fast-Cure SC Duplex Clip, (beige) 25 clips per polybag**	49886-DSC
L **Fast-Cure LC Duplex Clip, (beige) 25 clips per polybag**	49886-DLM
M **Fast-Cure LC Duplex Clip, (blue) 25 clips per polybag**	49886-DLS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Versa-Duct™ Slotted Duct Cable Management System

Leviton's unique Versi-Duct™ Slotted Duct System provides a versatile simple solution for fiber and copper cable organization and management. The horizontal duct is available in both one rack (1RU-1.75") or two-rack (2RU-3.5") unit sizes to accommodate both small and large cable systems. Vertical slotted ducts comes in a 35" half or 83" full rack height version. Both the horizontal and vertical slotted ducts come in Front Only or Front & Back configurations with cable-concealing covers and an assortment of accessories. Versi-Duct is the ideal system for efficient, adaptable rack and frame cable management.



FEATURES —

- Versatile accessories solve a variety of cable management challenges.
- Suitable for copper and fiber applications.
- Slack loop control feature
- Helps maintain proper cable bend radii.
- Offered in Front & Back and Front Only versions (for both vertical and horizontal ducts)
- Horizontal Duct offered in 1RU (1.75") and 2RU (3.50") sizes.
- Horizontal Duct offered in 35" and 83" lengths.
- Cable concealing covers with optional hinges.

Versa-Duct Slotted Cable Management System

	DESCRIPTION	CAT. NO.
A	**Vertical Front & Rear Duct, 83" high (w/spacer)**	49266-VFR
B	**Vertical Front-only Duct, 83" high (w/spacer)**	49266-VFO
C	**Vertical Front & Rear Duct, 35" high (w/spacer)**	49275-VFR
D	**Vertical Front-only Duct, 35" high**	49265-VFO
E	**Horizontal Front & Rear Duct, 2RU (w/spacer)**	49275-HFR
F	**Horizontal Front & Rear Duct, 1RU (w/spacer)**	49274-HFR
G	**Horizontal Front-only Duct, 2RU**	49265-HFO
H	**Horizontal Front-only Duct, 1RU**	49264-HFO
I	**Vertical Channel Divider**	49265-DV1
J	**Lateral Channel Divider (front)**	49265-DV2
K	**Lateral Channel Divider (rear)**	49265-DV3
L	**Slack Loop Storage Organizer, extended (2")**	49265-SL2
M	**Bend-radius Compliant Funnel, rear only**	49265-FN4
N	**Duct Cover Hinge**	49265-HNG
O	**Extended Cover, Front-only 2RU**	49265-EX3
P	**Extended Cover, Front-only 1RU**	49265-EX1
Q	**Slack Loop Storage Organizer**	49265-SL1
R	**Bend-radius Compliant Router**	49265-CR1
S	**Cable Retainer**	49265-WR1
T	**Mounting Bracket**	49265-BRK

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Rack and Frame Cable Management

Hook and Loop products provide an easy, sensible solution for any kind of rack. Because Hook and Loop material is 're-openable', new jobs and retrofits are hassle-free. And, cable integrity is never sacrificed because Hook and Loop Cable Management never pinches cables too tightly.

The SpaceMaker

Saves up to 80% installation labor time and REQUIRES NO RACK SPACE to install. The SpaceMaker Cable Manager works well for both new installations or retrofits.

- *Cables are supported out in front of metal rack while maintaining port accessibility.*
- *The SpaceMaker can also be used to support cables in the back of the rack.*
- *Attached loops help manage cables without wasting rack space.*
- *Allows cable management of 24- to 96-ports.*
- *No need to move existing panels, because the SpaceMaker uses existing screws on patch panels or electronics; simply loosen screws, slide SpaceMaker in, then re-tighten screws.*
- *Knock-off mounting tabs fit all equipment by using standard rack screw-hole pattern.*
- *Multiple SpaceMakers can be mounted one on top of another and even upside-down.*
- *Made of 14-gauge steel.*

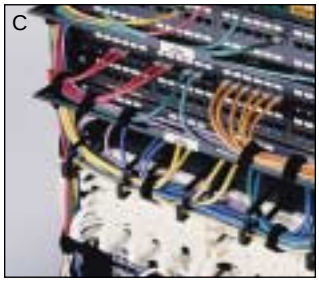
FEATURES —

SpaceMaker Retrofit

A The SpaceMaker installs easily over existing patch panels and takes up no rack space.

B The attached Hook & Loop ties secure cables tightly, yet don't pinch cables.

C The SpaceMaker allows unobstructed port access.



SpaceMaker Cable Manager

DESCRIPTION	CAT. NO.
SpaceMaker Cable Manager	41188-SM1

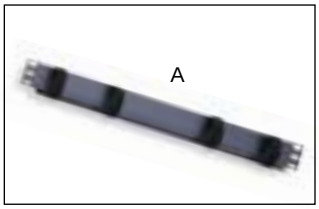
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Recloseable Cable Bars

- *Manages cables vertically and horizontally on relay racks and cabinets.*
- *Vertical management along the side of the rack is accomplished quickly and easily with adhesive bar with two attached loops and two detachable loops. (Hook and Loop-style)*
- *19" Metal-clad horizontal bar with attached loops (Hook and Loop-style) screws into rack to manage cables horizontally.*

Recloseable Cable Bars

DESCRIPTION	CAT. NO.
A **Metal Clad Horizontal Bar for 19" Racks**	41150-019

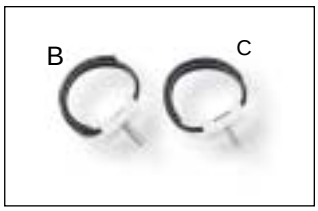


Recloseable Saddle Ties

Two styles of loop, (both Hook and Loop material) secure with a screw to wood surfaces, relay racks or enclosures to manage cable. 10/32 metal rack screw or #8 wood screw versions available.

Recloseable Saddle Ties

DESCRIPTION	CAT. NO.
B **Recloseable Saddle Tie with 10/32 metal rack screw (25 per pack)**	41020-SPR
C **Recloseable Saddle Tie with #8 wood screw (25 per pack)**	41010-SPW



Rack Cable Management

Angled Panel Cable Management Accessories

Suitable for Category 5e or 6 Angled Patch Panels, this array of accessories for rack management includes: Angled Cable Management Bar, Horizontal Ring, 1RU and 2RU Angled Blank Panel inserts, and Top Blank Panel with Cover.

Angled Panel Cable Management Accessories

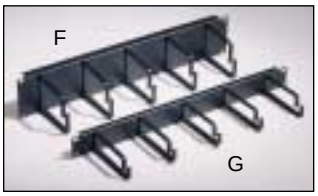
DESCRIPTION	CAT. NO.
D **Horizontal Cable Ring**	41DRP-HRI
E **Angled Cable Management Bar**	49006-AMB

Five-Ring Managers

Standard Interbay Cord Manager—*Reduces patch cord bundle congestion and tension stress. 3" x 4" rings provide support for high-capacity cord distribution. Low Profile Cord Manager incorporates five 1.5" x 4.0" horizontal rings within a single EIA unit height.*

Five Ring Manager U S

DESCRIPTION	CAT. NO.
F **Standard Interbay Cord Manager (19" wide, 3.5" high)**	49253-BCM
G **Low Profile Cord Manager (19" wide, 1.75" high**)	49253-LPM

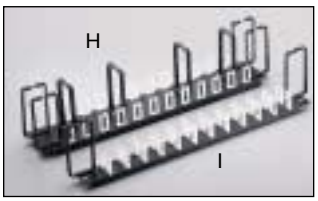


Cord Organizers

One and Two-Position Organizer Panels—*Two position Cord Organizer combines horizontal and vertical distribution rings with individual routing clips for patch cord organization between patch panels. One Position Cord Organizer is 1.75" high with vertical distribution rings and individual routing clips.*

Cord Organizers U S

DESCRIPTION	CAT. NO.
H **Two-Position Organizer Panel (19" wide, 3.5" high)**	49252-P02
I **One-Position Organizer Panel (19" wide, 1.75" high)**	49252-P01



Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Combo Front/Rear Manager

Manage front and rear cables/cords in a 3.5" high standard rack space. Oversized front rings meet larger-capacity requirements for patch cords. Rear management maintains bend radius of cables routed from vertical channels. Retention rings and fixed anchor points for 'loose-fit' or bundles

Combo Front/Rear Manager U S

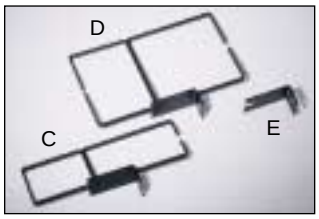
DESCRIPTION	CAT. NO.
A **Combo Front/Rear Manager (19.0" wide, 3.5" high)**	49252-PCM

Tie Wrap Bar

Mounts at the rear of standard EIA racks to support cable bundles and help maintain their bend radii near cable terminations. Fixed anchor points for 'loose-fit' tie wrapped cables.

Tie Wrap Bar U S

DESCRIPTION	CAT. NO.
B **Tie Wrap Bar (19" wide, 1.0" high, 1.5" deep)**	49258-TWB



Vertical Management Components

Flexible, customizable front and rear vertical management. 'Open ring' system can be changed as needed, for total customization and on-site adaptability. An optional tie bracket and divider panel can be added to provide cord and cable separation between racks.

Vertical Management Systems Tie Wrap Bar U S

DESCRIPTION	CAT. NO.
C **3" Vertical Manager Ring (4-pair cable capacity: 180 rear, 250 front)**	49260-MR3
D **6" Vertical Manager Ring (4-pair cable capacity: 360 rear, 500 front)**	49260-MR6
E **Tie Bracket to secure vertical manager ring to adjacent rack**	49261-BKT

Cable Management Bar

Mounts on standard 19"equipment rack to support cables on preconfigured and field-configurable Category 5, Category 5e, Category 6, QuickPort and Voice Grade Panels.

Tie Wrap Bar U S

DESCRIPTION	CAT. NO.
F **Cable Management Bar**	49005-CMB

General Purpose Hook & Loop Cable Management

No job is too small or too large: for whatever your cable management needs, Leviton has a Hook and Loop product to keep your cable well under wraps. These innovative solutions are perfect for the messy cables that accumulate around the Workstation.

Recloseable Compression Strap

- *This Recloseable Hook and Loop cable strap is the ideal solution for heavy vertical cable runs. Lined with non-slipping Vintex material, the Recloseable Compression Strap accommodates bundle circumference from 3" to 9".*
- *To securely mount to walls or ceilings, install Footman Loops on either side of cable bundle. Made of stainless steel.*

Recloseable Compression Strap

DESCRIPTION	CAT. NO.
G **Recloseable Compression Strap**	45224-RCS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Recloseable "J"-Hook

This convenient Hook and Loop-style "J"-hook is height-adjustable to bypass ductwork and other construction obstacles in ceilings. Adjustable circumference firmly holds up to 8" bundle of cable.

Recloseable "J"-Hook

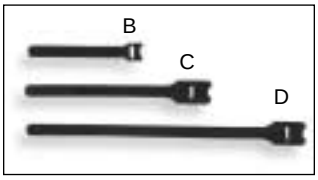
DESCRIPTION	CAT. NO.
A **Recloseable "J"-Hook**	46700-SLG

Recloseable Tie-Wraps

A Hook and Loop tie-wrap that easily reopens for moves, adds and changes, this general purpose Hook and Loop strap is available in 5", 8" and 12" lengths.0.50" width.

Recloseable Tie-Wraps

DESCRIPTION	CAT. NO.
B **Tie-Wrap, 5" Length (25 per pack)**	43105-005
C **Tie-Wrap, 8" Length (25 per pack)**	43108-008
D **Tie-Wrap, 12" Length (25 per pack)**	43112-012



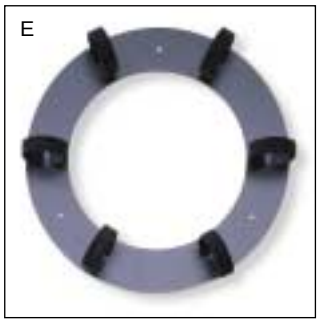
Recloseable Storage Rings

Ensure fiber optic cable bend radius with the Recloseable Storage Ring. Available in two sizes for inside or outside fiber cable management, both rings come complete with six sturdy Hook and Loop-style loops attached for proper cable management.

- *The Outside Plant Ring is 24" in diameter and manages cable as it enters a premises. It is capable of storing excess cable for future use.*
- *The Inside Plant Ring is 11.75" in diameter and mounts neatly into a ceiling or wall to store extra fiber optic cable for future use.*

Recloseable Storage Rings

DESCRIPTION	CAT. NO.
E **Recloseable Storage Ring, Inside Plant (11.75" diameter)**	48900-IFR
Recloseable Storage Ring, Outside Plant (24" diameter)	48900-OFR

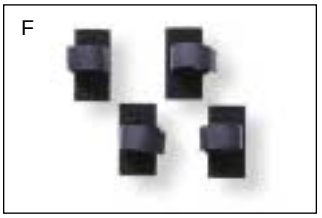


Hook and Loop Workstation Cable Management

These Hook and Loop tie-wraps are ideal for workstation cable management. Hook and Loop material easily reopens for moves, adds and changes. Eliminate tangled wiring in the work area by managing power cords and equipment cords singly or bundled together. Convenient peel-off adhesive for easy mounting. 5.25" loop.

Hook and Loop Workstation Cable Management

DESCRIPTION	CAT. NO.
F **Individual Loops with Peel-Off Adhesive (25 per pack)**	41225-SAP



Recloseable Orange Hook and Loop Fasteners

Similar to Recloseable Tie-Wraps, these sturdy loops also hold cable bundles up to 3" in diameter, but come in bright orange for use with fiber cables. Fasteners are 3/4" wide.

Recloseable Fastener

DESCRIPTION	CAT. NO.
G **Recloseable Fasteners (orange) (10 per pack)**	41030-OFT

Bulk Rolls of Hook and Loop Wrap

Available in 15 and 75 foot rolls, 1/2" wide, which can be custom cut for many uses, and features hook and loop material on both sides.

Bulk Hook and Loop Wrap

DESCRIPTION	CAT. NO.
H **Bulk Hook and Loop Wrap, 15 Foot Roll**	43115-015
I **Bulk Hook and Loop Wrap, 75 Foot Roll**	43115-075

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Residential Tool Kit

Everything you need to install coaxial cable and UTP wire. Includes 110 punchdown tool for high-quality 110-style terminations, and an EZ-RJ45 Crimp Tool that cuts and crimps in one easy step. Perfect for residential or small office installations. Includes the following high-quality, durable tools:

- *High Impact Punchdown Tool with 110 blade*
- *EZ-RJ45 Crimping Tool and 10 EZ-RJ45 Modular Plugs*
- *2 Step Coaxial Cable Strippers*
- *UTP Stripping Tool*
- *Round Wire Cable Cutter (for UTP and Coax)*
- *4-head Screwdriver*

Residential Tool Kit

DESCRIPTION	CAT. NO.
Residential Tool KIT	40812-RTK

Individually sold – Residential Tools

DESCRIPTION	CAT. NO.
High-Impact Punchdown Tool	49553-814
110-Blade	49553-110
EZ-RJ45 Crimp Tool	40989-RCT
EZ-RJ45 Connectors (10/bag)	47613-EZC
2 Step Coaxial Cable Strippers	

Cable Joe® Clamp-On Cable Router

The best solution available for pulling cables around corners.

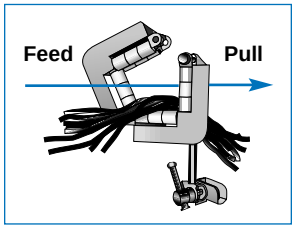
- *Saves time and money by preventing cable damage, and allowing more effective use of installation personnel.*
- *Mounts onto any surface: trays, joists, or lag bolts to walls.*
- *Routes up to 20 cables at once—even around 90° angles.*
- *Made of heavy duty 12 gauge cold rolled steel with 6-roller design to pull cables smoothly and easily.*
- *Opens simply and closes securely with quick-release pin.*

Cable Joe®

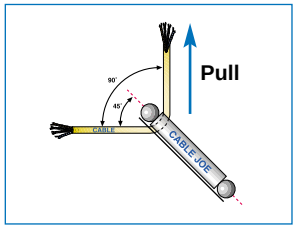
DESCRIPTION	CAT. NO.
Cable Joe Clamp-On Cable Router	49001-JOE

TECH NOTE — How To Use Cable Joe Clamp-On Cable Router

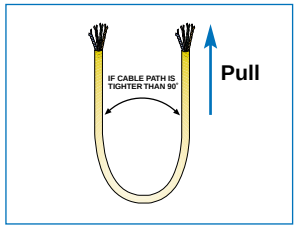
Position Cable Joe so that cables run at the widest angle possible. This will preserve cable bend radius.



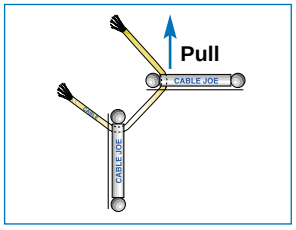
Clamp or screw to stable structure. Close and set latch before pulling cable.



When running cable around a 90˚ corner, place Cable Joe at an angle, so that cable runs smoothly through rollers.



If cable is being run around an angle that is tighter than 90˚…



...use two Cable Joes to relieve cable stress.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Fiber Optic Tool Kits

Universal Fiber Optic Tool Kits

A *Universally compatible (singlemode/multimode) and designed with the help of field technicians—Leviton's Universal Fiber Optic Tool Kits are designed for use with any Thread-Lock® connector: SC, ST, or FC. They come in their own compact lightweight case, complete with an inspection scope, buffer remover, polishing pad, safety glasses, scissors, jacket stripper, polishing fixture and music wire. The Standard Kit includes a sapphire scribe tool, while the Tool Kit Plus comes with the new Thread-Lock® Versa-Cleave™ cleave tool.*

Fast Cure Fiber Optic Tool Kits

B *Fast Cure Tool Kits are designed for use with any singlemode or multimode Fast-Cure adhesive connector: SC, ST, FC or LC. Comes in its own compact lightweight case, and includes an inspection scope, buffer remover, polishing pad, Standard 2.5mm and LC 1.25mm polishing fixture, LC scope adapter, fiber optic crimp tool, safety glasses, scissors, jacket stripper and music wire. Hardener/Primer Kit is sold separately.*

Spectro-Link™ MT-RJ Fiber Optic Tool Kits

C, D *Spectro-Link MT-RJ Fiber Optic Tool Kit comes in its own compact, lightweight case, complete with Buffer Removers (2), Jacket Strippers, Scissors, Music Wire, Safety Glasses, Gauge, Marking Pen, Opt-X™ 20/20 lenses, Lead-In Crimp Tool, Frame-Station Assembly Tool, Thread-Lock® Versa-Cleave™ Tool and 2 Spectro-Link adapters for the Versa-Cleave™ tool. Spectro-Link Accessory Kit adds MT-RJ capability to an existing kit.*

Fiber Optic Tool Kits

DESCRIPTION	CAT. NO.
A **Universal Fiber Optic Tool Kit Plus, shown above (includes Versa-Cleave™)**	49800-UTP
Universal Fiber Optic Tool Kit	49800-UTK
B **Fast-Cure Tool Kit Plus, shown above (w/Versa-Cleave Tool)**	49800-FTP
Fast-Cure Tool Kit	49800-FTK
C **Spectro-Link MT-RJ Fiber Optic Tool Kit, shown above**	49800-SLT
D **Spectro-Link MT-RJ Fiber Optic Accessory Kit**	49800-SLA

Universal Consumables Kit

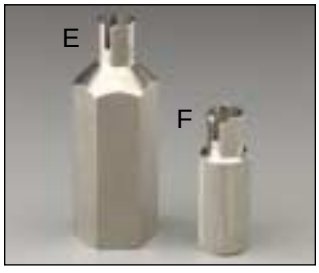
E, F, G *The Universal Consumables Kits contains everything you need to clean and polish connectors, such as polyester wipes, alcohol pads, music wire, and 12-, 3- and 0.3 micron lapping film. Fast-Cure kit adds needles and syringes, as well as hardener and primer. Hardener/Primer kit is sold seperately.*

Consumables Kits

DESCRIPTION	CAT. NO.
E Universal Consumables Kit	49800-CON
F Fast Cure Consumables Kit	49800-FAC
G Hardener/Primer Kit	49800-202

OPT-X™ FIBER CABLING SYSTEM

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Individually Sold Fiber Optic Components

Individual Components

DESCRIPTION	CAT. NO.
A Universal Tools	
250 micron Buffer Remover	49886-BR2
Jacket Stripper	49886-STP
900 micron Buffer Remover	49886-BR9
Aramid Strand Scissors	49886-SIS
Marking Pen	49886-SMP
200x Inspection Scope	49886-FSP
100x Inspection Scope	49886-SCP
Safety Glasses	49886-GLS
Sapphire Scribe	49886-SCR
2.5mm Polishing Puck	49886-PUC
3" x 6" Polishing Pad	49886-PAD
Thread-Lock FC Tightening Tool	49883-FCT
Thread-Lock Combination SC/ST Tightening Tool	49886-CTT
Universal Tool-Kit Carrying Case	49886-CSC
B Spectro-Link Specific Tools	
Strip Length Gauge	49886-SLG
Frame-Station Connector Assembly Tool	49886-FIT
Workstation Connector Lead-in Crimp Tool	49886-SLC
Versa-Cleave Adapter for Spectro-Link MT-RJ Workstation Connectors	49886-VWA
Versa-Cleave Adapter for Spectro-Link MT-RJ Frame-Station Connectors	49886-VFA
Opt-X 20/20 Lenses	49886-OTT
Spectro-Link Carrying Case	49886-CST
Spectro-Link Accessory Kit Carrying Case	49886-CSA
C Fast-Cure Specific Tools	
Fiber Optic Crimp Tool with .128, .151, .178 hex die	49886-FCT
LC Scope Adapter	49886-LCS
1.25mm (LC) Polishing Puck	49886-LCP
Fast Cure Tool Kit Carrying Case	49886-FCC
D Consumables	
Music Wire	49886-WRE
Lint Free Dry Wipes 100/pack	49886-DWP
Alcohol Pads 100/pack	49886-APD
12- Micron Aluminum Oxide Lapping Film, 100/pack	49886-12F
3- Micron Aluminum Oxide Lapping Film, 100/pack	49886-03F
0.3 Micron Aluminum Oxide Lapping Film, 100/pack	49886-X3F
SC Duplex Clip (sold in increments of 25, bag of 25)	49884-DPC
Silicone BUS Kit (one of each type of BUS)	49885-SBS
Replacement Needles 25/pack	49886-FCN
Replacement Syringes 25/pack	49886-SYR
Versa-Cleave Consumables	
2.5mm insert	49886-R2I
1.25mm insert	49886-R1I
Diamond Blade	49886-RDB
Carbide Blade	49886-RCB

Tightening Tools

E, F *Available in two styles, FC and Combination SC/ST, tightening tools help simplify Thread-Lock connectorization by providing a wider gripping area to make it easier to tighten the connector plug. The tightening tools also protect the exposed fiber during the tightening process. The Combination tightening tool has an SC-style end and an ST-style end, for greater convenience and flexibility.*

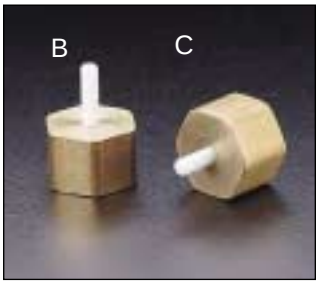
TighteningTools

DESCRIPTION	CAT. NO.
E **ST/SC Combination Tightening Tool**	49886-CTT
F **FC Tightening Tool**	49883-FCT

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Thread-Lock® Versa-Cleave™ Tool

A–C *Leviton's Thread-Lock Versa-Cleave tool features a diamond cutting blade that cleaves fiber perfectly every time, eliminating the need for a complicated scribe and break procedure. The ergonomic stop-watch design fits comfortably in the hand, works with any style or brand of 2.5mm ferrule connector, and cleaves with a simple push of the button. Versa-Cleave also features a convenient integrated debris cup to catch and retain dangerous fiber cuttings until they can be safely disposed of. Two adapters, ordered separately, allow Versa-Cleave to cut to perfect lengths for Spectro-Link™ MT-RJ Workstation and Frame-Station connectors. Versa-Cleave can be ordered seperately, or as part of the Universal Tool Kit Plus.*



Thread-Lock® Versa-Cleave™

DESCRIPTION	CAT. NO.
A **Versa-Cleave Tool**	49886-TVC
B **Versa-Cleave Adapter for Spectro-Link MT-RJ Workstation Connector**	49886-VWA
C **Versa-Cleave Adapter for Spectro-Link MT-RJ Frame-Station Connector**	49886-VFA[

Safety Pad

D *The pad features rubber material to provide a flexible, shatterproof, non-slip surface—sized perfectly for terminating Thread-Lock or Spectro-Link Fiber Optic Connectors.*

Safety Pad

DESCRIPTION	CAT. NO.
D **Safety Pad**	49886-SPD

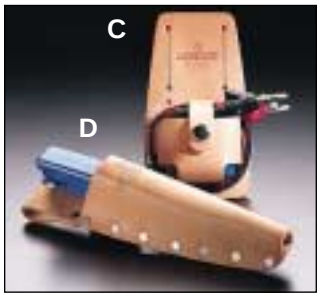
Inspection Scopes

E, F *Leviton's 100x and 200x Inspection Scopes allow techs to view multimode and singlemode end-face polishes safely, and reduce the chances of over-polishing (a side-effect of many coaxial inspection scopes). 200x Scope features oblique viewing technology, ergonomic grip, 200X magnification and full laser eye protection through wavelengths of 850-1550 nanometer. Both scopes feature rugged construction that stands up to jobsite abuse.*

Inspection Scopes

DESCRIPTION	CAT. NO.
100x Inspection Scope	49886-SCP
200x Inspection Scope	49886-FSP

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Optional leather belt holsters.

MATERIAL CHARACTERISTICS

Tone Test Set and Inductive Speaker Probe

- Housings: High-impact, fire-retardant plastic rated UL 94V-0
- Power Source: 9 volt battery (NEDA 1604 equivalent) included. (Note: The Tone Test Set is shipped with its battery disconnected to prevent battery drain.)
- Tone Test Set cords: Two 12-inch length, nylon-braided tinsel wire; one 9-inch length, silver satin, with 6-position, 2-conductor modular plug
- Tone Test Set clips: Nickel silver 6A-type with heavy-duty rubber boots

Tone Test Set

A *Use the Leviton Tone Test Set in low voltage wire applications to test for continuity, check for shorts or opens, and provide talk battery for a communication line on a vacant pair. Connect toner across a wire pair and set to transmit either a continuous 1000 Hz or alternating 500/1000 Hz tone. Use with the Speaker Probe (below) to trace pairs and locate broken pairs/cables in walls.*

Also identifies Tip and Ring polarity, and line condition for CLEAR LINE with dial tone, BUSY LINE and RINGING LINE. Features "O" ring seals on the case, test leads for water resistance, support leash, tri-color, and nylon-braided tinsel wire test leads. Telco-standard, 6A-type alligator clips with piercing pins securely grip 66-clips, screw heads, screw bodies, and wire-wrapped or threaded terminals. A 6-position, 2-conductor plug lead is also provided for connection to modular jacks.

Inductive Speaker Probe

B *The streamlined inductive speaker probe detects audible frequency tones quickly for accurate tracing and identification of wires, cables, and metallic circuits. Use with the tone test set (above) to trace and isolate pairs in virtually any type of wire application, without damage to the insulation. Identifies single wires or individual pairs in multiple-pair cables at terminals or closures; identifies station wiring or cables to specific equipment in closets or on distribution frames; and identifies the ends of drop wires. Probe can also be used to locate prewiring, or opens in wires, after wall covering is installed. Features both needle-point and duckbill tips and a non-locking slide switch.*

Tone Test Set, Inductive Speaker Probe—Individual Items and Combinations

DESCRIPTION	CAT. NO.
A **Tone Test Set (includes 9 Volt Battery**	49560-TTS
B **Inductive Speaker Probe only (includes 9 Volt Battery; One Duckbill Tip; and One Needlepoint Tip)**	49561-SSP
C **Leather Belt Holster for tone test set**	49560-LCC
D **Leather Belt Holster for inductive speaker probe**	49561-LCC
Spare Duckbill and Needlepoint Tip Set	49561-TIP
Kit Containing Tone Test Set with Belt Holster, and Inductive Speaker Probe with Belt Holster	49562-TSK
Kit Containing 5 Tone Test Sets with Belt Holsters, and 5 Inductive Speaker Probes with Belt Holsters	49562-KIT

Crimping Tool for Coaxial Connectors

E *For use in crimping coaxial connectors onto RG-59 or RG-6 cables. Rugged metal construction with cushioned handles. Carded package for display in merchandising racks.*

Crimping Tool for Coaxial Connectors

DESCRIPTION	CAT. NO.
E **Crimping Tool for Coaxial Connectors**	40988

UTP Stripping Tool

F *Use this versatile tool to strip unshielded twisted pair (UTP) cable.*

UTP Stripping Tool

DESCRIPTION	CAT. NO.
F **Stripping Tool**	49660-C

EZ-RJ45 Connectors (Plugs) and Crimp Tool

G *Terminate any UTP wire with Leviton's high-quality EZ-RJ45 plugs. Crimp Tool features wire sequence verification and built-in cutter and stripper with full cycle ratcheting mechanism—also works well with most other RJ-45 and RJ-11 connectors. Crimp Tool in carded package for display in merchandising racks.*

Connectors and Crimp Tool

DESCRIPTION	CAT. NO.
G **EZ-RJ45 Crimp Tool**	40989-RCT
G (Insert) **EZ-RJ45 Connectors (10/pkg)**	47613-EZR
G (Insert) **EZ-RJ45 Connectors (50/pkg)**	47613-EZC

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Craftperson's Handset

A *This handset is used by installers, repair technicians, and other authorized personnel for basic line testing and essential on-site temporary communications. Line-powered to provide either DTMF (Touch Tone) or dial pulse output. Features all standard 'buttset' line tests, including polarity check, line monitoring, and signalling.*

Craftperson's Handset

DESCRIPTION	CAT. NO.
A **Craftperson's Handset**	49575-CTS

Wire Punchdown/Termination Tool

B *This versatile punchdown/termination tool with changeable blades (sold separately) enables installers to make reliable connections on a variety of wire termination blocks. A simple push on the handle accomplishes punchdown termination in one simple operation. An adjustable impact setting allows you to terminate wire with less effort than other impact tools. Handle can be fitted with several interchangeable custom blades to cover many termination types: 110 IDC, 66-IDC, Krone, BIX (Northern Telecom BIX system), and an awl (woodscrew starter punch). A spare blade can be kept in a storage chamber in the handle.*

Tool Blades

C–G *These special application blades are for use with the D814 impact tool for terminating 22, 24 or 26 gauge wire. Made of durable stainless steel. Krone and BIX blades feature scissor-action trimming.*

Wire Punchdown/Termination Tool and D814 Yool Blades

DESCRIPTION	CAT. NO.
B **Wire Punchdown/Termination Tool**	49553-814
C **110 IDC Blade**	49553-110
D **66-IDC Blade**	49553-66
E **BIX® Blade**	49553-BIX
F **Krone® Blade**	49553-KRN
G **Awl (Woodscrew Starter Punch)**	49553-AWL

Termination Tool (66-BT)

H *This 'pocket friendly' tool quickly punches down 20 through 26 gauge unstripped wire in devices using 66-clip terminals. It adjusts to accommodate variation in wire size and blade sharpness. Replaceable blades reverse to let you terminate and cut wire in a single stroke, or terminate without cutting.*

Replacement Stem for Termination Tool (66-BT02)

I *The replaceable stem for the termination tool blade*

Replacement Blade for Termination Tool (66-BT01)

J *This blade reverses so wires can be terminated and cut, or terminated without cutting. It also adjusts to accommodate variation in wire size or blade sharpness.*

Termination Tool, Replacement Stem and Replacement Blade

DESCRIPTION	CAT. NO.
H **Termination Tool (66-BT)**	46666-BT
I **Replacement Stem for Termination Tool (66-BT02)**	46666-BTS
J **Replacement Blade for termination Tool (66-BT01)**	46666-BTB

Note: Numbers in parentheses refer to industry product designation.

Modular Plug Breakout Adapter

K *For testing any 6- or 8-position modular jack with the Tone Test Set or Craftsperson's Handset. Includes contacts to connect, via alligator clip leads, to any test apparatus or Lineman's Test Set. Can be used in series with any cable with a 6- or 8-conductor modular plug.*

Modular Plug Breakout Adapter

DESCRIPTION	CAT. NO.
K **Modular Plug Breakout Adapter**	40070-MDP

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

“Leviton Integrated Networks’ Structured Media™ components create the infrastructure homeowners need to take full advantage of the latest communication and entertainment technologies.”

Home System Installer

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Structured Media Components

Leviton Integrated Networks™

The information and communication revolution will have as much impact on America's homes and businesses as did the electrical revolution of the 20th Century. To fully enable the modern home, Leviton has developed Leviton Integrated Networks as the upgrade path to the future. Leviton Integrated Network's Structured Media components and systems deliver the bandwidth and speed that today's and tomorrow's information and entertainment technologies will demand.

STRUCTURED MEDIA™ SYSTEMS GROUP

Overview ____ **T1**

System Packages ____ **T1–T3**

STRUCTURED MEDIA™ COMPONENTS

Enclosures ____ **T4, T5**

Media Versatile™ Panel ____ **T6**

Cabling Panels ____ **T7–T9**

Power and Surge Protective ____ **T10, T11**

Networking and Internet Sharing ____ **T12**

Video Distribution ____ **T13–T15**

Home Security Monitoring ____ **T16–T18**

Audio/Video Distribution ____ **T19–T22**

MULTI-LOCATION AUDIO

Analog Stereo Volume Controls ____ **T23, T24**

Audio/Video Wallplates ____ **T25**

Speakers ____ **T26**

Note: **For information on Leviton's Residential Tool Kit, see page S47.**

SECTION T

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Structured Media™ Systems Group

New Advanced Home System Options for Every Homeowner—

Homeowners' expectation are evolving as new communication and entertainment products and technologies transform their homes and their lives. The wired home, once considered a luxury, is now viewed as a necessity in the digital age. The challenge to building the wired home lies in creating an infrastructure with category-rated cabling and components that meet today's needs while laying the groundwork for the whole-house media system of the future. Leviton meets this challenge head-on by offering a single source for all applications.

Innovative Technology Blends Multiple Options Into One System

Leviton Integrated Networks takes the concept of structured cabling, as practiced in demanding commercial applications, and combines it with multimedia. This blending accommodates the convergence of telephone communications, computer and Internet services, audio/video, and much more. An innovative series of modules and media centers—set up as either pre-configured essential platforms or more customized enhanced platforms—manage and distribute voice, data, audio and video in flexible configurations and typical packages that best suit each homeowner's individual requirements. These requirements can range from something as simple as cable TV and telephone in several rooms, to a local area network (LAN) for a small office or home-based business.

System Packages

Value Platform

The Value Package ensures a multi-dwelling unit or home unit is wired for today's technologies. It can handle up to four separate telephone lines and distribute them to wall outlets. The system also distributes cable and broadcast video to 4 outlets and can support DSL or cable modems.

TYPE	CAT NO.	DESCRIPTION
Structured Media Center	47605-14W	14" Enclosure acts as distribution center for voice, data and video. Supports up to 4 additional modules
Compact Telephone and Video Panel (1GHZ)	47603-1G4	Supports distribution of up to 4 separate phone lines to nine locations and cable and broadcast video to 4 locations
Quickport® Cat 5 Jacks	41108-R*5	Provide Cat 5 data and telephone connectivity
Quickport® F-Type Connectors	41084	F-connector provides cable/satellite/HDTV/DVD video and high-speed broadband cable modem connectivity at wallplates

Essential Platform

The Essential Package ensures a home is wired for the connected future. It can handle up to four separate telephone or data lines and distributes them to wall outlets. The system also distributes cable TV and off-air antenna to six outlets and can support DSL or cable modems.

TYPE	CAT NO.	DESCRIPTION
Structured Media Center	47605-14W	14" Enclosure acts as distribution center for voice, data and video. Supports up to 4 additional modules
Basic Telephone and Video Panel (2GHZ)	47606-BTV	Supports distribution of up to 4 separate phone lines to nine locations and video to 6 locations
Quickport® Cat 5 Connectors	41108-R*5	Provide Cat 5 data and telephone connectivity
Quickport® F-Type Connectors	41084	F-connector provides cable/satellite/HDTV/DVD video and high-speed broadband cable modem connectivity at wallplates
Surge Protected AC Power Receptacle	47605-ACS	Surge protected duplex receptacle provides AC power

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Enhanced Platform

The Enhanced Platform provides a larger enclosure and features advanced adaptable architecture for increased connectivity options. For example, it permits quickly changing a spare bedroom into a home office. It includes a security interface and can support additional voice/data outlets.

TYPE	CAT NO.	DESCRIPTION
Structured Media Center	47605-28W	28" Enclosure acts as a distribution center for voice, data and video. Supports up to 7 additional modules.
Advanced Telephone and 2GHZ Video Panel	47606-AHT	Supports distribution of up to 4 separate phone lines up to 19 locations (with expansion boards) and video to 6 locations
Quickport® Cat 5e GigaMax™ Connectors	5G108-R*5	Provide Cat 5e data and telephone connectivity
Quickport® F-Type Connectors	41084-FWF	Connects to coaxial cable infrastructure to distribute video entertainment and broadband services.
Dual Surge Protected AC Power Receptacles	47605-DP	Two surge protected receptacles provide AC power

Advanced Entertainment Platform

The Advanced Entertainment Platform provides the core capabilities to distribute voice, data and video to multiple locations throughout the entire home. It incorporates Leviton's Premium 42" Structured Media Enclosure to ensure an easy upgrading via the Networked Home, Broadband Home or Multimedia Home Upgrade Packages.

TYPE	CAT NO.	DESCRIPTION
Structured Media Center	47605-42W	42" Enclosure acts as a distribution center for voice, data and video. Supports up to 12 modules.
24 Port Structured Media Panel	47603-24P	Supports distribution of up to 4 phone lines through up to 19 telephone locations and/or 24 data locations.
3x8 Enhanced Bi-Directional RF Distribution Module, 2GHz	47690-G3Y	Distributes and amplifies cable TV, satellite, video security camera, DVD and VCR signals to multiple TV's and supports bi-directional signaling such as cable modem/cable box communications
DC Power Distribution Module	48212-DCS	Transformer powers multiple DC powered devices
Dual Surge Protected AC Power Receptacles	47605-DP	2 Surge-protected receptacles provide AC power

Networked Home Upgrade

Adds the convenience of networking PCs and other equipment at 5 locations.

TYPE	CAT NO.	DESCRIPTION
Networking Switch	47611-5PT	10/100 Mbps 5 port Ethernet Switch for sharing data and peripheral devices among 5 computers (cascade additional switches to add more computers)
Cat 5e Expansion Board	47605-C5B	Provides up to six additional telephone/data outlets

Broadband Home Upgrade

Connect to a Category 5e network at either 10 or 100Mbps at 4 locations to share data and peripherals. Plus, it provides Internet sharing with firewall protection for multiple PCs.

TYPE	CAT NO.	DESCRIPTION
Internet Gateway	47611-GT4	Provides Internet access sharing with firewall protection plus sharing of data and peripheral devices between four PC's in remote locations around the house. Cascade with additional hubs and switches to support a total of up to 253 devices
Cat 5e Expansion Board	47605-C5B	Provides up to six additional telephone/data outlets

For a detailed selection of Quickport® modules, connectors and wallplates refer to pages S1-S3.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Multimedia Home Upgrade

Note: Advanced Entertainment Platform recommended

TYPE	CAT NO.	DESCRIPTION
Decora Digital™ Chopin™ Volume Control Kit	48211-*VK	Digital volume control provides high-quality sound and Decora styling
Decora Digital Volume Control Wall Unit	48211-*VC	Interface hub provides technologically advanced volume control
Decora Strauss Stereo Volume Control	40888-72W	Impedance-matching analog stereo volume control with ON-OFF Switch
Decora Media System with Power Supply	48210-MCH	DMS permits whole-house distribution of VCR, DVD, Media Hub cable TV, MP3, etc. signals over Cat 5 cable
Decora Media System Unit with Power Supply	48210-MSU	DMS Send Unit is used to send information from its source to Send the DMS Hub or to a DMS Receive Unit
Decora Media System Receive Unit	48210-MRU	DMS Receive Unit is used to send source information from the DMS Hub or DMS Send Unit to an A/V output device
1X6 Passive Audio Module	48211-6A	Distributes centralized stereo to up to six pairs of speakers
Decora Media Systems Send and Receive Unit Pair with Power Supply	48210-SRU	Point-to-Point model where Send and Receive Units are linked directly together
100 Watt In-Wall Flush Mount Speaker	40890-WS	High-quality 100 watt 8" woofer, 1⁄2" Polydome Tweeter, 90dB, 8 Ω, paintable grill and frame, 95⁄8"x 61⁄4" wall opening
100 Watt Ceiling Mount Round Speaker	40896-W	High-quality 100 watt 61⁄2" woofer, 1" Polydome Tweeter, 90dB , 8 Ω, paintable grill and frame, 81⁄2" diameter ceiling opening
Desktop Stereo Modulator	48210-DSM	Combines A/V signals from source such as DVD Player and converts it to RF for distribution
IR Repeater System Target	46721-CMS	Receives IR Signal and converts it to low-voltage DC
IR Repeater System Emitter	47621-MIE	Converts DC signal to RF to control device
1x9 Bridged Telephone Module without bracket	47603-110	Permits multiple emitter configurations
DC Power Distribution Module	48212-DCS	Transformer powers multiple DC powered devices
Internet Gateway	47611-GT4	Provides Internet access sharing with firewall protection plus sharing of data and peripheral devices between four PC's in remote locations around the house. Cascade with additional switches to support a total of up to 253 devices

For a detailed selection of Quickport® modules, connectors and wallplates refer to pages S1-S3.

Home Video Monitoring Upgrade

Gives homeowners the ability to keep an eye on home entry areas or family members with video security cameras using an in-home (CCTV) system. The cameras monitor four locations and allow homeowners to see the images on a dedicated "security" channel in sequence as the view changes from one camera to the next.

Note: Advanced Entertainment Platform recommended

TYPE	CAT NO.	DESCRIPTION
Indoor Camera	48213-*DC	Decora-styled indoor monitoring camera provides high-quality color video output
Outdoor Camera	48213-ECC	Low-light sensitive, ruggedly-constructed, outdoor monitoring camera provides high-quality color video output
3x8 Enhanced RF Distribution Module, 2GHz	47690-G3Y	Distributes and amplifies cable TV, satellite, video security camera, DVD and VCR signals to multiple TV's and supports bi-directional signaling such as cable modem/cable box communications
Video Modulator	48213-VMA	Modulates signal on to one unused cable TV channel
Video Sequencer	48213-CVS	Allows sequential monitoring of up to four cameras
Notch Filter	47690-NFA	Blocks pre-assigned channel on your cable TV, allowing use for video monitoring

Colors: (I) Ivory, (W) White, (A) Almond

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Series 140 Structured Media Enclosure

This 14" professional-grade whole-house media enclosure creates one distribution point in the home for all low voltage cables. The SMC-140 is ideal for MDU's (Multiple Dwelling Units, such as condos and apartments) or more modest homes requiring limited audio/video/voice and data configurations. It will accommodate two Pre-Configured Structured Cabling Panels. The sturdy design and functionality facilitate installation, reducing job-site labor costs, and making it ideal for essential home networking.

Cat. Nos. *47605-14W Panel enclosure*
47606-BTV Basic Telephone and Video Panel

Series 140 Structured Media Enclosure

SPECIFICATIONS

Dimensions:	
Enclosure:	14.38"H.x 14.38"W.x 3.60"D.
Cover:	16.10"H.x 16.10"W.
Materials:	White, powder-coated 18 gauge steel
Standards Compliance:	ACA and cULus Listed. UL Listed for fire and burglary

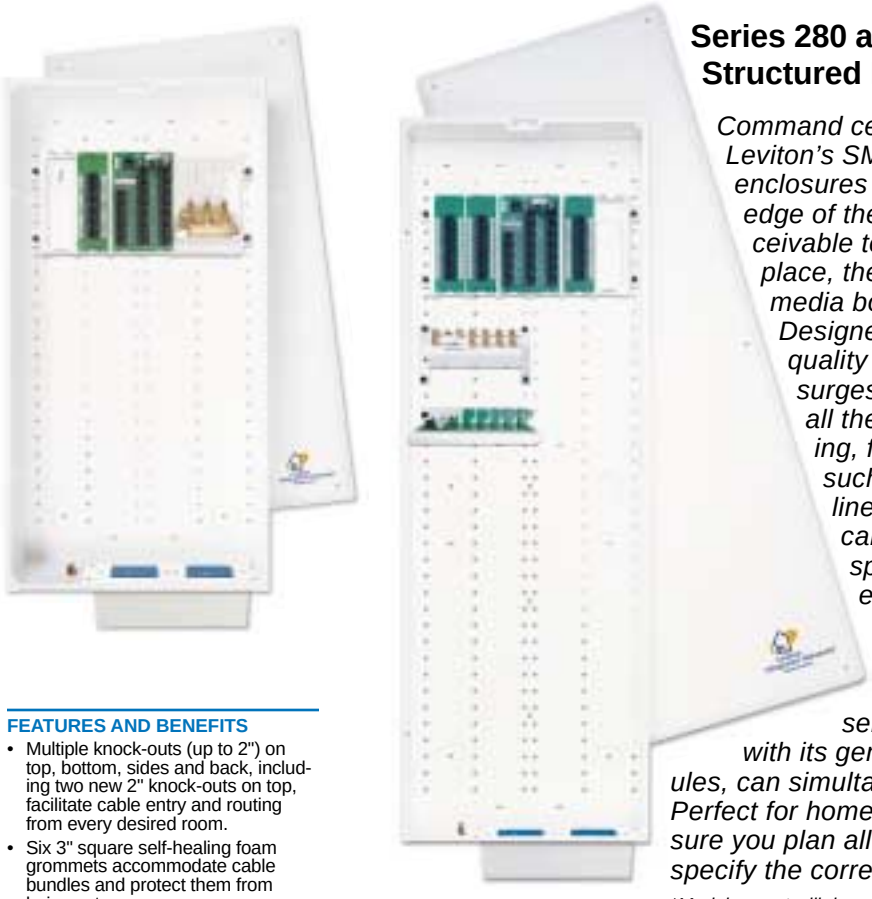
Series 140 Structured Media Enclosures and Covers

CAT NO.	DESCRIPTION
47605-14W	Series140 Enclosure and Flush-Mount Cover, empty
47605-14N	Series140 Enclosure only
47605-F14	Series 140 Flush Mount Cover
47605-H14	Series 140 Hinged Cover

FEATURES AND BENEFITS

- Accommodates up to two full-width Pre-Configured Structured Cabling Panels–delivering audio/ video, voice and data to any room of the home or office.
- Positive "stops" on housing side-walls prevent the enclosure from falling through studs during installation.
- One piece white steel unit holds full and half-width expansion modules.
- Can be surface-mounted or recessed.Ideal for new installations or retrofits.
- Mounting guides on the cover align screw-holes and reduce the chances of dropping during attachment.
- Powder-coated white cover features a 3⁄4" overlap to hide irregular dry-wall cuts.
- Combine two or more enclosures for larger installations or future expansion.
- Multiple knock-outs on top and bottom including two new 2" knock-outs on top, facilitate cable entry and routing.
- Cut-out in base of enclosure for mounting single gang J-Box kit
- Six 3" square self-healing foam grommets accommodate cable bundles

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com



Series 280 and 420 Structured Media Enclosures

Command central for home media convergence, Leviton's SMC-280 and SMC-420 home technology enclosures put the home or small office on the cutting edge of the Information Age. By bringing every conceivable technology distribution point together in one place, they make running cable and managing media both simple and more cost-effective. Designed to incorporate a hospital-grade power quality module for maximum protection from line surges, the 28" and 42" high units accommodate all the latest in functions such as home networking, fax, internet (including high speed services such as DSL, cable modems and ISDN), multi-line telephones, security camera, coaxial cable and satellite video distribution, and speaker and volume controls, when equipped with the correct accessories.

The Series 280 enclosure can comfortably accommodate up to 8 different Distribution Modules, depending on selection and density, and the 420 enclosure, with its generous size and capacity for up to 12 modules, can simultaneously manage many diverse functions. Perfect for home office and home entertainment. Make sure you plan all modules before starting the project, and specify the correct size media center.

**Module count will depend on the type used; some are larger than others.*

FEATURES AND BENEFITS

- Multiple knock-outs (up to 2") on top, bottom, sides and back, including two new 2" knock-outs on top, facilitate cable entry and routing from every desired room.
- Six 3" square self-healing foam grommets accommodate cable bundles and protect them from being cut
- Sturdy, one-piece white steel construction.
- Combine two or more enclosures for larger installations or future expansions.
- Holds 1⁄4, 1⁄2 and full-width expansion modules with the ability to mount most modules vertically or horizontally.
- Large capacity provides multiple functionality for "wired" homes.
- Powder-coated white cover features a 3⁄4" overlap to hide irregular drywall cuts.
- Mounting hooks on the cover align screw-holes and reduce the chances of dropping during attachment.
- Holds a broad range of current and future distribution modules, delivering audio, video, voice, data, security, and more to any room of the home or office.
- Threaded inserts added to enclosure to ensure accurate threading of screws when mounting cover
- Can be surface-mounted or recessed. Ideal for new installations or retrofits.
- Knock-out in base of enclosure for mounting of either a single gang J-Box kit or an AC power module
- Designed to accommodate safe, high-quality hospital-grade power module with surge suppression.

Series 280 and 420 Structured Media Enclosures

SPECIFICATIONS

Dimensions:	
SMC-280 Enclosure:	28"H.x 14.38"W. x 3.00"D.
SMC-280 Cover:	29.25"H.x 15.62"W.
SMC-420 Enclosure:	42"H.x 14.38"W. x 3.60"D.
SMC-420 Cover:	43.25"H.x 15.62"W.
Materials:	White, powder-coated 18 gauge steel
Standards Compliance:	ACA and CULUS Listed. UL Listed for fire and burglary

Series 280 and 420 Structured Media Enclosures

CAT NO.	DESCRIPTION
47605-28W	Series 280 Enclosure and Flush-mount Cover, empty
47605-28N	Series 280 Enclosure, empty, no cover
47605-F28	Series 280 Flush Mount Cover
47605-H28	Series 280 Hinged Cover
47605-F42	Series 420 Flush Mount Cover
47605-42N	Series 420 Enclosure, empty, no cover
47605-H42	Series 420 Hinged Cover
47605-42W	Series 420 Enclosure and Flush-mount Cover, empty
5L000-L0K	Lock and Key for Structured Media Centers

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Media Versatile™ Panel—For Custom Retrofits and Remodeling

Ideal for custom retrofits and remodeling applications, the Media Versatile™ Panel with 3⁄8" plywood backing allows an open architecture for consolidating low voltage electronics and distribution components for phone, fax/modem, data, home networking, audio, video and home control. The 24" high cold-rolled steel panel with securable door will accommodate a wide variety of Structured Media Distribution Modules by simply removing the Push-Lock Pins and attaching directly to the plywood backing. The sturdy construction is built to industrial-grade standards, and the panel can be surface mounted or recessed in the wall. (Optional mounting brackets may be used for non-standard stud spacing). Ideal for custom retrofits and remodeling applications. Available in black powder coat finish. UL Listed.

Media Versatile Panel

SPECIFICATIONS

Dimensions:	24"H.x 14"W. x 6"D.
Materials:	Powder-coated 18 gauge steel with 3⁄8" plywood backing
Standards Compliance:	UL Listed.

Media Versatile Panel

CAT NO.	DESCRIPTION
47602-24E	Media Versatile Panel
47602-BKE	Mounting Brackets—(set of 4)

FEATURES AND BENEFITS

- Eight 1" or 1.5" conduit fittings on top and bottom facilitate cable entry and routing.
- Wall-mount or recess. Ideal for new installations or retrofits.
- Securable door provides maximum protection from dust and abuse.
- Plywood backing allows open architecture for customizing layout and can accommodate a wide variety of Structured Media Distribution Modules.

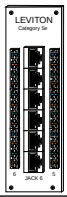
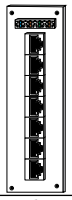
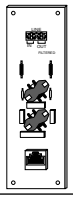
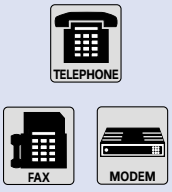
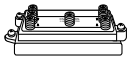
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pre-Configured Structured Cabling Panels

Route telephone, data and video services throughout your home or office with one simple panel. Leviton's Pre-configured Structured Cabling Panels combine some of our most popular voice, data and RF modules to create an economical one-stop home and office media distribution point. See the following pages for available configurations. Some modules are available in expansion styles to fill unused panel slots (see this page). Choose the pre-configured combination that best meets your needs, and enhance with expansion boards or stand-alone brackets.

Panel Components & Expansion Boards

Pre-configured Panels are assembled at the factory and will contain one or more of the following distribution modules.

COMPONENTS	APPLICATION	FEATURES	AVAILABLE AS
1x9 Bridged Telephone Board Basic telephone distribution		• Bridge up to 4 telephone lines to 9 locations • Connect up to 9 separate telephones per line • Printed circuit board module • 4-pair 110-type IDC punchdowns	• Part of a Pre-configured Panel • Stand-alone module with bracket • Expansion board without bracket
 **Catagory 5e Voice & Data Board** Basic home networking		• Patch phone or data connections to 6 locations • Combine with a TLDM, key system, or network hubs for additional applications • Printed circuit board module • 4-pair 110-type IDC punchdowns and 6 CAT 5e RJ-45 ports•	• Part of a Pre-configured Panel • Stand-alone module with bracket • Expansion board without bracket
 **Telephone Patching Board** Expanded 4-line telephone distribution		• Bridge up to 4 telephone lines to 7 locations • Printed circuit board module • One incoming 4-pair 110-type IDC punchdown and 7 outgoing RJ-45 jack connections • Combine with a Category 5e Board to route telephone to remote locations	• Part of a Pre-configured Panel • Expansion board without bracket
Telephone Security Board Route simple telephone with security interface		• Bridge up to 4 telephone lines to 6 locations • Connect up to 6 separate telephones per line • Connect to security system • Printed circuit board module • 4-pair 110-type IDC punchdowns	• Stand-alone module with bracket
 **DSL Filter Board** Filters DSL signal from telephone line		• Filters DSL signal from phone line before distribution throughout a home or office. • Eliminates need for individual filters at each wallplate. • Use with any phone distribution module. • Printed circuit board module with RJ-45 jack and 110 punchdowns	• Stand-alone module with bracket • Expansion board without bracket
Telephone Line Distribution Module (TLDM) Enhanced telephone distribution		• 19 multi-line telephone connections in combinations of 2 or 4 lines • Bridge "Line 1" service to 12 locations and 4-line service to 8 locations • Connect to CAT 5e Voice & Data Board(s) or additional panels for more connections and easier adds/moves/changes • Independant RJ-45 jack and punchdown security interface to accomodate alarm systems	• Part of a Pre-configured Panel ONLY
 **Video Splitters** Basic video distribution		• Cable TV or off-air antenna signals • 4-way or 6-way RF Splitter • Die-cast housing • Available in 1GHz and 2GHz models	• Part of a Pre-configured Panel • Stand-alone module with bracket

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pre-configured Structured Cabling Panels — Full Size

Leviton has a Pre-Configured Structured Cabling Panel to fit any application. See opposite for explanations of individual boards. Use the Panels as they are, expand with easy snap-in Expansion Boards, or combine with other Panels or Stand-alone Modules to create a Structured Media solution tailored to your specific needs. Ideal for all installations, from basic to high-end. The new non-conductive synthetic bracket features a rugged construction and a "shelf-style" design with enhanced cable management and easier installation. Boards quickly snap on and off for easy adds/moves/changes.

Pre-Configured Structured Cabling Panels

CAT NO.	DESCRIPTION	CONSISTS OF:	
47606-BTV	**A**–Basic Telephone and Video Panel (BTV)	• (1) 1x9 Bridged Telephone Board • (1) 6-way 2GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 6 locations	**A**
47606-BNP	**B**–Basic Home Networking Plus Panel (BNP)	• (1) Telephone Patching Board • (1) Category 5e Voice & Data Module • (1) 6-way 2GHz Video Splitter • 6 4-line telephone connections • Route video to 6 locations • Patch data or telephone service to 6 remote locations • Comes with 6 8-inch 8p8c Flat Patch Cords	**B**
47606-AHT	**C**–Advanced Home Telephone & Video Panel (AHT)	• (1) Telephone Line Distribution Module • (1) Category 5e Voice & Data Board • (1) 6-way 2GHz Video Splitter • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Route video to 6 locations • Patch data or telephone service to 6 remote locations • Comes with 6 8-inch 8p8c Flat Patch Cords	**C**
47603-PTE	**D**–12-Port Structured Media Panel (12P)	• (1) Telephone Line Distribution Module • (2) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 12 remote locations • Comes with 12 8-inch 8p8c Flat Patch Cords	**D**
47603-18P	**E**–18-Port Structured Media Panel (18P)	• (1) Telephone Line Distribution Module • (3) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 18 remote locations • Comes with 18 8-inch 8p8c Flat Patch Cords	**E**
47603-24P	**F**–24-Port Structured Media Panel (24P)	• (1) Telephone Line Distribution Module • (4) Category 5e Voice & Data Boards • 19 multi-line telephone connections (in various combinations of 2 or 4 lines) • Patch data or telephone service to 24 remote locations • Comes with 24 8-inch 8p8c Flat Patch Cords	**F**

Full-size panel dimensions: 6.25"H.x 13.06"W.x 2.50"D.

For detailed features and dimensions, please consult individual specification sheets at www.levitonvoicedata.com

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Pre-configured Structured Cabling Panels — Compact Series

Leviton's simple solution for basic telephone and video distribution. These compact panels, with their space-saving profile provide simple bridged telephone to 9 locations and 1GHz video to four or six locations, respectively.

Compact Series Panels are ideal for MDUs and apartments, installations with space constraints and/or installations where budget is the driving concern.

G

H

I

Pre-Configured Structured Cabling Panels — Compact Series

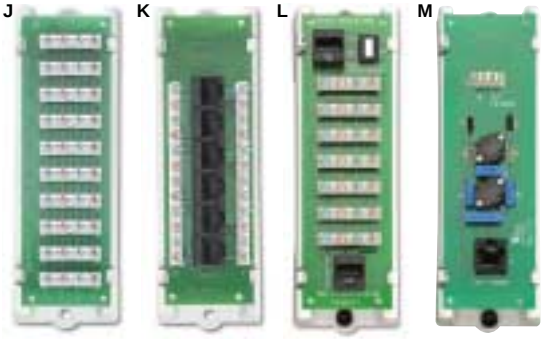
CAT NO.	DESCRIPTION	CONSISTS OF:
47603-1G6	**G**–COMPACT SERIES Telephone & 6-Way Video	• (1) 1x9 Bridged Telephone Board • (1) 6-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 6 locations
47603-1G4	**H**–COMPACT SERIES Telephone & 4-Way Video	• (1) 1x9 Bridged Telephone Board • (1) 4-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 9 locations • Route video to 4 locations
47603-TSV	**I** – COMPACT SERIES Telephone Security & 6-Way Video	• (1) Telephone SecurityBoard • (1) 6-way 1GHz Video Splitter • Bridge up to 4 telephone lines to 6 locations • RJ-45 Port for Security Interface • RJ-45 Expansion Port • Route video to 6 locations

Compact panel dimensions: 6.5"H.x 6.5"W.
For detailed features and dimensions, please consult individual specification sheets at www.levitonvoicedata.com

Stand-Alone Modules and Expansion Boards

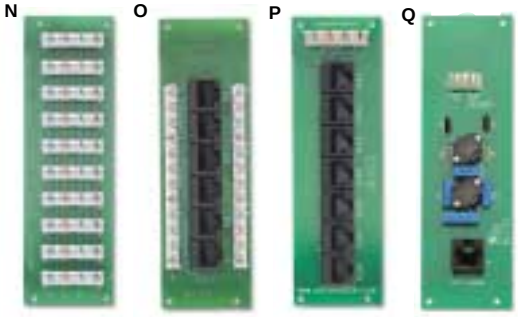
Stand-Alone Modules

J K L M



Expansion Boards

N O P Q



Stand-Alone Modules

CAT. NO.	DESCRIPTION–MODULE W/BRACKET
47689-00B	**J**–1x9 Bridged Telephone Module
47605-C5B	**K**–Category 5e Voice and Data Module
47609-TSV	**L**–Telephone Security Module
47616-DSB	**M**–DSL Filter Module

Available only as part of a Telephone Line Distribution Mode Pre-configured panel

Expansion Boards

CAT. NO.	DESCRIPTION
47603-110	**N**–1x9 Bridged Telephone Board
47603-C5	**O**–Category 5e Voice and Data Board
47609-EMP	**P**–Telephone Patching Expansion Board
47616-DSF	**Q**–DSL Filter Board

Available only as part of a Telephone Line Distribution Mode Pre-configured pan-

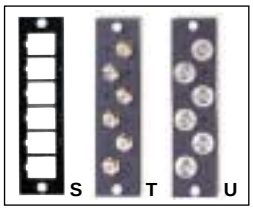
Multimedia Adapter Bracket and Mounting Plates

Create a custom audio/video, copper or fiber mini-panel in your Structured Media Center with the Multi-Media Adapter Bracket. The bracket supports your choice of two 6-pack mounting plates, and snaps easily into any of Leviton's Structured Media Centers with push-pins. Pre-loaded mounting plates are available for BNC and F-connectors, or create a custom configuration with unloaded 6-pack QuickPort plates. QuickPort plates accept any combination of the following QuickPort adapters or connectors: BNC, F-Connector, ST, FC, SC and MT-RJ Fiber Optics, Banana Jacks, Speaker Binding Posts, RCA, S-Video, Voice Grade, and Category 5, 5e or 6. Bracket mounts vertically or horizontally.

CAT NO.	DESCRIPTION
47612-MMA	**R**–Multimedia Bracket
5F100-BNC	**U**–BNC Mounting plate, 6-pack, loaded
5F100-6VF	**T**–F-Connector Mounting plate, 6-pack, loaded
5F100-6QP	**S**–QuickPort Mounting plate, 6-pack, unloaded

R

S T U



Accessories

CAT. NO.	DESCRIPTION
42400-8FG	8-Conductor Flat Telephone Patch Cord, 8' long ((1 each)

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Surge-Protective and Standard AC Power Modules and J-Box Kits

Surge AC Power Module or J-Box kit models add clean, safe power to the Series 280 or 420 Structured Media Enclosures (Series 140 enclosure only accepts J-Box kits). Two non-surge protected AC Power Module or J-Box kit units offer an economical method of providing power to distribution modules and, except for built-in surge suppression, offer the same features as the respective surge-protected units. In extremely excessive surge conditions, an alarm will sound to warn the user that power is unprotected. Consists of one (J-Box kit) or two (AC Power Module) 15 Amp Hospital Grade duplex receptacles housed in a powder-coated steel enclosure. They feature EMI/RFI filtering and meet UL 1449 standards.

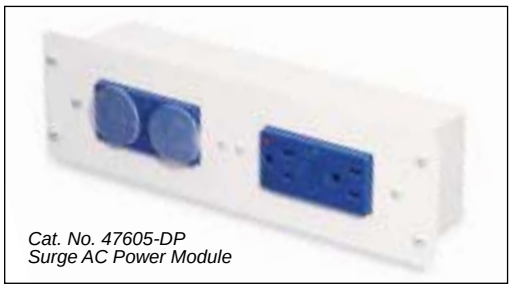
AC Power Modules for 280 and 420 Series Structured Media Enclosures

SPECIFICATIONS

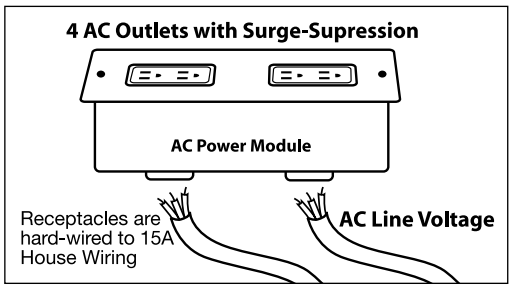
Dimensions:	10"H.x 2.8"W.x 2.3"D.
Standards Compliance (Surge model only):	UL 1449
Input:	2 @ 15A 120V AC

AC Power Modules for 280 and 420 Series Structured Media Enclosures

CAT NO.	DESCRIPTION
47605-DP	Surge AC Power Module, Two Duplex Receptacle
47605-NDP	Non-Surge AC Power Module, Two Duplex Receptacles



Cat. No. 47605-DP
Surge AC Power Module



FEATURES AND BENEFITS

- Hospital grade surge-protected units provide greater protection for line-voltage modules, including multi-stage defense (L-N, L-G, N-G)
- Non-surge suppressor units provide an economical method of providing power to active components
- Available with one (J-Box kits) or two (AC Power Modules) 15 Amp duplex receptacles
- Safety clips protect outlets against dust, dirt and debris
- One (J-Box kits) or two (AC Power Modules) cable knock-outs on bottom for power service connection
- Saves valuable real estate by mounting on outside of Structured Media Enclosures
- Meets UL 1449 standards

J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

SPECIFICATIONS

Dimensions:	3"H.x 2"W.x 2.5"D.
Standards Compliance (Surge model only):	UL 1449
Input:	1 @ 15A 120V AC

J-Box Kits for 140, 280 and 420 Series Structured Media Enclosures

CAT. NO.	DESCRIPTION
47605-ACS	Surge J-Box Kit, One Duplex Receptacle
47605-ACN	Non-Surge J-Box Kit, One Duplex Receptacle

Cat. No. 47605-ACN
Non-Surge J-Box Kit

Universal Mini DC Power Supply

This compact unit is designed specifically to fit into Leviton's Series 140, 280 and 420 Structured Media enclosures. It is compatible with any incoming AC voltage in the range of 90 to 264V. Three 12VDC connectors provide up to 10 watts of power while providing short circuit overload and surge protection as well as EMI/RFI filtering to connected equipment. Three DC cables are included to connect modules to the power supply. (UL 1950, cULus listed, NOM, ACA and China)

Cat. No. 47605-PSB
Universal Mini DC Power Supply

Universal Mini Power Supply

CAT. NO.	DESCRIPTION
47605-PSB	Universal Mini DC Power Supply

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Snap-In Modules for Structured Media Enclosure
Surge Module Bracket

Snap-In Surge Protection Modules

Leviton's snap-in surge protective modules provide customized surge protection for all low-voltage communication and data lines in the Structured Media Enclosure. All Series 5950 modules can snap-in to the Cat. No. 3950-BKT Surge Module Bracket. The bracket, allows you to add and change modules to fit specific protection needs. Choose from a selection of protection modules for Digital Satellite Systems, Ethernet systems, Cable TV, Telephone/Fax/Modem and DSL/ADSL equipment. All devices attached to the modules are covered under the Leviton $50,000 Connected Equipment Warranty.

FEATURES AND BENEFITS

- Interchangeable modules accommodate changing surge protection needs
- All modules easily snap in to the Cat. No. 3950 Surge Module Bracket
- User-friendly design—no wiring required
- Telephone/Fax/Modem Module acts as a splitter, allowing the connection of two devices

CAT NO.	DESCRIPTION
Beige—5951-SA Gray—5951-SAT Ice—5951-SAC	**Satellite System/Cable TV Protection Module**—4 Standard F-connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec
Beige—5952-ET Gray—5952-ETH Ice—5952-ETC	**Ethernet Protection Module (10 Base-T Applications)**—Two RJ45 connectors to protect two pair of transmit/receive lines. 10-Amp automatic Resettable PTC fuses. Max. operating voltage: 16.6V DC. Breakdown Voltage Range: 2.62-19.2 Volts/Sec
Beige—5953-PC Gray—5953-PCG Ice—5953-PCC	**Cable TV System Protection Module**—Two Standard F-type connectors. 3-Amp fuse for over-current. Max. line voltage: 75V DC. Breakdown Voltage Range: 70.4-110 Volts/Sec
Beige—5954-AT4 Gray—5954-PT4 Ice—5954-CT4	**Telephone/Fax/Modem Protection Module**–Three RJ11, 4-wire/2-pair connectors. 3-Position splitter allows for connection to a common line. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec
Beige—5955-DT Gray—5955-DTG Ice—5955-DTC	**DSL/ADSL Subscriber Equipment Protection Module**–Three RJ11, 4-wire/2pair connectors. 3-Amp fuse for over-current protection. Max. operating voltage: 150V rms (including ring voltage). Breakdown Voltage Range: 162-331 Volts/Sec

FEATURES AND BENEFITS

- Contains six removable double screw terminal jacks.
- One F-type output for use with cable amplifiers.
- Each jack utilizes slot-drive screws.
- Shipped with 6 wires containing 18 gauge connectors and 2.1 mm power plugs.
- Fully regulated (12 volt DC regulated output).

DC Power Distribution Module

The DC Power Distribution Module is a unique solution to the need for high quality electrical power for the separate DC-powered components in the Structured Media Enclosure. This module reduces clutter and opens-up space in the Structured Media Enclosure by eliminating the need for multiple DC transformers. Powered by a single DC power supply, the Power Distribution module provides fully-regulated 12 VDC power for up to 6 devices.

DC Power Distribution Module

SPECIFICATIONS

Input:	110V AC
Output:	Provides 13V DC power for up to 6 devices 1500mA
Compliance (Surge model only):	UL 1449
Dimensions:	6.58"H.x 2.5"W.x 1.5"D.
Wire Gauge:	Up to 12 gauge

DC Power Distribution Module

CAT NO.	DESCRIPTION
48212-DCS	DC Power Distribution Module

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Structured Media™ Modules—Internet Connection Sharing & Multi-Location Networking

10/100 Internet Gateway Cable/DSL Broadband Router*

Leviton's 10/100Mbps Internet Gateway (a.k.a router) allows multiple users to securely share a single, protected high-speed Internet connection.

Cat No. 47611-GT4
10/100Mbps Internet Gateway Router

10/100 Base-T Switches*

At 10/100Mbps speeds, these units are excellent choices for networking PC's to meet a wide range of residential needs such as sharing files, printers and other peripherals.

**Networked PC's and peripherals require compatible networking cards or adapters and associated software.*

FEATURES AND BENEFITS

- Connects up to 4 devices directly (up to 253 computers via a series of cascaded devices) to the Internet using a single shared high-speed DSL, cable modem, or Satellite connection
- Allows fast Internet access at up to 100 Mbps
- Permits creation of a private high-speed home area network HAN) or local area network (LAN) in small office/home office (SOHO) environments for all connected computers with its fast, integral 10/100Mbps auto-sensing Ethernet ports
- High performance suitable for demanding home office and telecommuting applications, including sharing of high-speed and high-capacity devices such as storage devices and back-up systems.
- Network Address Translation technology (NAT) creates a firewall that securely cloaks the private network from outside access
- Pass-through IPSEC and ISAKMP protocols allow attached LAN users to implement secure Virtual Private Network (VPN) communication applications on their PC's.
- Built-in DHCP server for easy setup and allocation of IP addresses on the LAN.
- Connections are made by running cable from desired locations to a Category 5e Voice and Data Module (either a stand-alone module page 16, or one of the units in the Pre-Configured Structured Cabling Panels page 17). From there, Category 5 or 5e patch cord can be used to connect the Gateway to the Category 5e Module.
- Network protocols: TCP/IP, DHCP, DNS, NAT, TFTP, HTTP, PPOE. Not PPOA

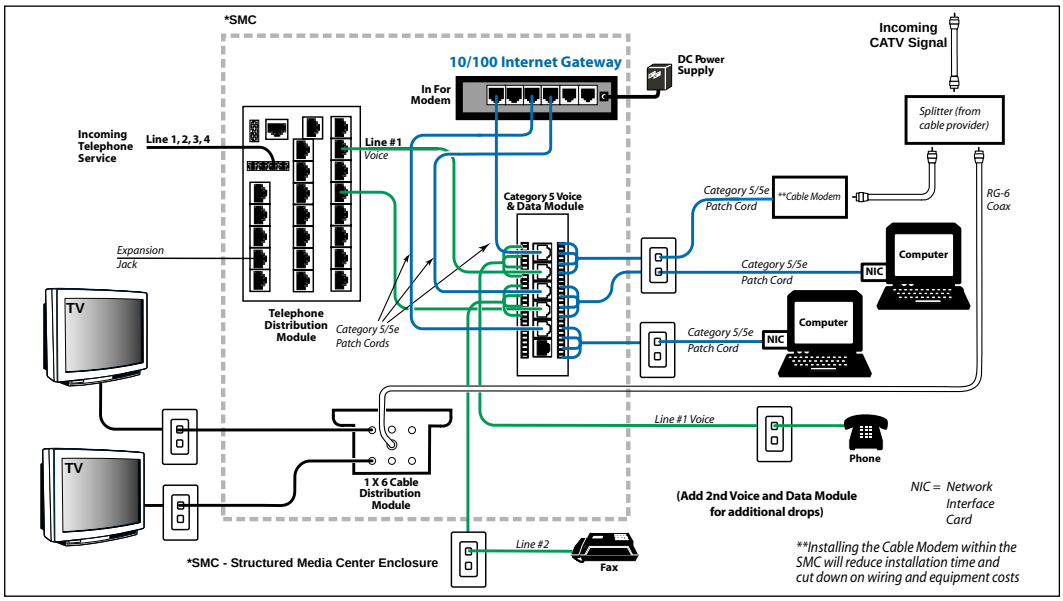
10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

SPECIFICATIONS	10/100BASE-T 5-PORT (OR 8-PORT) SWITCHES	10/100 BASE-T INTERNET GATEWAY ROUTER
Data Transfer Rate	10/100 Mbps	
Connectors	5 (or 8) ports, 1 AC Power Adapter Jack	4 LAN ports, 1 WAN port, 1 Uplink port, 1 AC Power Adapter Jack
Cabling Requirements	Standard Cat 5/5e UTP	
LED Indicators	One Power Indicator, 5 (or 8) Link/Activity and 5 (or 8) 100Mbps	One Power Indicator, one Diagnostic Indicator, five Link/Activity, five FDX/Col and five 10/100Mbps
Power Supply	12VDC, 1000mA	
Dimensions	5.85" x 3.2" x 1.03"	5.54" x3.92" x 1.05"
Standards Compliance	IEEE 802.3 10 Base-T Ethernet IEEE 802.3u 100 Base-TX Fast Ethernet, and FCC Class B	

10/100 Base-T Switches and 10/100 Base-T Internet Gateway Router

CAT. NO.	DESCRIPTION
47611-5PT	10/100 Base-T 5-Port Ethernet Switch, with Power Adapter
47611-8PT	10/100 Base-T 8-Port Ethernet Switch, with Power Adapter
47611-GT4	10/100 Base-T Internet Gateway Router, with Power Adapter

Cable Distribution—Modem Outside the Structured Media Center



Cat. No. 47611-5PT

Cat. No. 47611-8PT

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Enhanced RF Video Distribution Modules

Cable service providers are converting to digital systems. These new systems will squeeze hundreds of channels plus Internet service onto the coax line. Leviton's high-performance video modules can support these new systems while limiting noise and other artifacts. Modules can distribute standard inputs such as CATV and antennas, and modulated inputs such as VCR's, DVD's and security camera/CCTV on coaxial cable throughout the house. Signals can be precisely controlled through the modules' built-in amplifier/attenuator (-5 to +15db) to compensate for variations in incoming signal strength for the clearest possible reception.*

Incorporates state-of-the-art bi-directional signal paths to support cable modem or cable box communications throughout a home or office. The outlet ports are isolated and do not require any termination caps. Choose from one or three-input models; both come with 8 outputs. One and three-input models come in both 1 and 2 GHz versions. Dimensions: 3.55"H.x 6.57"W.x 3.29"D. Connector: F-Type. Impedance: 75 Ohm. Power Input: 12 VDC, 500 mA (1x8 & 3x8); 12 VDC, 1000 mA (4x16).

**Not for use in-line between DBS satellite dish (LNB) and DBS satellite TV receiver.*

1x8 and 3x8 Enhanced RF Distribution Modules (1 GHz)

ITEM		GAIN (DB)			RETURN LOSS (DB)		ISOLATION (DB)		
		FORWARD		REVERSE	FOR.	REV. (ANY OUTPUT)	AUX–AUX	CABLE–AUX	OUT–OUT
					54–1000 MHz	1.0–1.4 GHz	10–40 MHz		
1x 8 RF Module		+15 +/-2*	+9 +/- 5	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25
3 x 8 RF Module	CATV	+15 +/-2*	+9 +/- 5	0 +/-2	11 Typ.	12 Typ.	18	30	25
	AUX 1	+12 +/-2*	+6 +/- 5	N/A	11 Typ.				
	AUX 2	+12 +/-2*	+6 +/- 5	N/A	11 Typ.				

**Note:* Tilt specification for all units is less than +/- 3 dB to 1 GHz*

1x8 and 3x8 Enhanced RF Distribution Modules (2 GHz)

ITEM		GAIN (DB)		RETURN LOSS (DB)		ISOLATION (DB)		
		FORWARD	REVERSE	FOR.	REV. (ANY OUTPUT)	AUX–AUX	CABLE–AUX	OUT–OUT
		1.0–2.0 GHz	10–40 MHz					
1x 8 RF Module		+4 +/-6	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	25
3 x 8 RF Module	CATV	+4 +/-6	0 +/-2	11 Typ.	12 Typ.	18	30	25
	AUX 1	+1 +/-6	N/A	11 Typ.				
	AUX 2	+1 +/-6	N/A	11 Typ.				

**Note:* Tilt specification for all units is less than +/- 5 dB to 2 GHz*

Enhanced RF Distribution Modules

CAT NO.	DESCRIPTION
47690-ESM	1x8 Enhanced RF Module, 1 GHz
47690-GSM	1x8 Enhanced RF Module, 2 GHz
47690-3BY	3x8 Enhanced RF Module, 1 GHz
47690-G3Y	3x8 Enhanced RF Module, 2 GHz
47690-4BY	4x16 Enhanced RF Module, 1 GHz
47690-G4Y	4x16 Enhanced RF Module, 2 GHz

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Enhanced Bi-Directional RF Amplifier

This unit offers extremely low noise for 1 CATV/Antenna input and 1 coaxial output to boost CATV (or other RF service) signal strength. It incorporates a variable attenuator (0 to +20dB for precise amplification for the clearest signal possible. Cable TV or other RF signals can be run through this Enhanced Bi-Directional RF Amplifier before splitting and distributing them throughout a home or office. Dimensions: 3.55"H.x 6.57"W.x 3.29"D. Connector Type: F. Impedance: 75 Ohm. Power Input: 12 VDC, 200 mA.

Enhanced Bi-Directional RF Amplifier–1 GHz

ITEM	GAIN (DB)		RETURN LOSS (DB)		ISOLATION (DB)		
	FORWARD	**REVERSE**	**FOR.**	**REV. (ANY OUTPUT)**	**AUX–AUX**	**CABLE–AUX**	**OUT–OUT**
	54 -1000MHz	10-40MHz					
Enhanced RF Amp.	19 +/-2*	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	N/A

**NOTE: Tilt specification for all units is less than +/- 3 dB to 1 GHz*

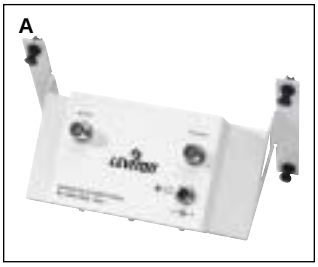
Enhanced Bi-Directional RF Amplifier–2 GHz

ITEM	GAIN (DB)		RETURN LOSS (DB)		ISOLATION (DB)		
	FORWARD	**REVERSE**	**FOR.**	**REV. (ANY OUTPUT)**	**AUX–AUX**	**CABLE–AUX**	**OUT–OUT**
	1.0-2.0 GHz	10-40MHz					
Enhanced RF Amp.	19 +/-2*	0 +/-2	11 Typ.	12 Typ.	N/A	N/A	N/A

**NOTE: Tilt specification for all units is less than +/- 5 dB to 2 GHz*

Enhanced Bi-Directional RF Amplifiers

CAT NO.	DESCRIPTION
47690-BVA	**A**–Enhanced Bi-Directional Amplifier, 1 GHz
47690-GVA	Enhanced Bi-Directional Amplifier, 2 GHz

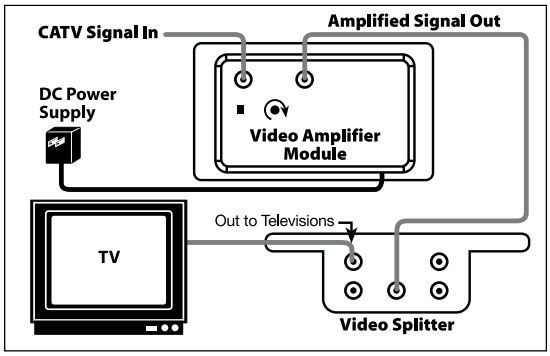


FEATURES AND BENEFITS

- Variable attenuator enables precise amplification for the clearest signal possible.
- Run cable TV or other video signals through the Video Amplifier before splitting and distributing throughout the home or office.
- Boost signal strength by up to 20 dB.

Video Amplifier

Run cable TV and other video service signals, such as antenna or other modulated input through this Video Amplifier Module and boost video signal strength up to 25 dB. Features a variable attenuator for signal amplification level setting, and an FM trap to eliminate unwanted FM interference.



Video Amplifier

SPECIFICATIONS	
Dimensions:	6.58"H.x 3.67"W. x 4.4"D.
Frequency Range MHz:	50-1000
Gain Control Range dB:	10-25dB
FM Trap dB:	25
Impedance:	75 Ohm
Connector Type:	F-type
Power Source:	12 VDC 500 mA

FEATURES AND BENEFITS

- Run cable TV or other video signals through the Video Amplifier before splitting and distributing throughout the home or office.
- Boost signal strength by up to 25 dB.

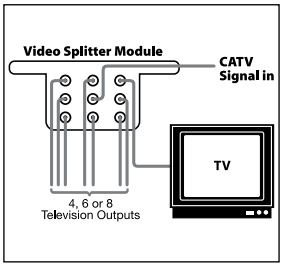
Video Amplifier

CAT. NO.	DESCRIPTION
48210-VA	**B**–Video Amplifier Module

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

FEATURES AND BENEFITS

- Splits video signals. Outputs for up to 4, 6 or 8 televisions.
- Provide digital cable, cable TV and other video services, via coaxial cable, to any room in the house.
- Die-cast housing and printed circuit board.
- Use with the Video Amplifier for increased signal strength.
- Units come with mounting bracket.
- Gold-flashed contacts on 2.05 GHz units provide lowest conductive resistance.



Passive Components

1x4, 1x6, 1x8 Passive Video Splitters

Use 4-, 6- and 8-way Passive Video Splitters to split digital cable (2.05 GHz units), quality cable TV and off-air antenna signals to 4, 6, or 8 televisions throughout the home or office. They feature die-cast housing and printed circuit board construction. Use with the Video Amplifier for increased signal strength.

2 GHz Modules

1x4, 1x6, 1x8 Passive Video Splitters

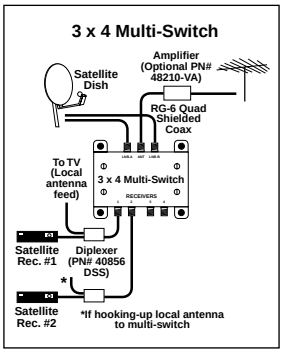
ITEM	CAT NO.	DIMENSION	RANGE	INSERTION LOSS (DB)	RETURN LOSS (DB)	ISOLATION (DB)
1x4	47690-4C	6.58"H.x 2.14"W.x1.4"D.	1 GHz	7.0 dB – 8.1 dB	7.7 dB – 8.1 dB	28.3 dB – 48.5 dB
	47690-4C2	6.58"H.x 2.14"W.x 1.4"D.	2 GHz	7.7 dB – 10.5 dB	9.5 dB – 21.0 dB	24.0 dB – 30.0 dB
1x6	47690-6C	6.58"H.x 3.0"W.x 1.4"D.	1 GHz	10.0 dB – 12.1 dB	6.5 dB – 23.5 dB	28.9 dB – 37.5 dB
	47690-6C2	6.58"H.x 3.0"W.x 1.4"D.	2 GHz	11.0 dB – 14.0 dB	11.5 dB – 23.5 dB	35.0 dB – 39.5 dB
1x8	47690-8C	6.58"H.x 3.0"W.x 1.4"D.	1 GHz	11.5 dB – 13.0 dB	6.2 dB – 20.1 dB	34.0 dB – 65.0 dB
	47690-8C2	6.58"H.x 3.0"W.x 1.4"D.	2 GHz	11.9 dB – 15.7 dB	9.9 dB – 30.0 dB	32.0 dB – 39.2 dB

1x4, 1x6, 1x8 Passive Video Splitters

CAT NO.	DESCRIPTION
47690-4C	1x4 Passive Video Splitter Module (1 GHz)
47690-6C	1x6 Passive Video Splitter Module (1 GHz)
47690-8C	1x8 Passive Video Splitter Module (1 GHz)
47690-4C2	1x4 Passive Video Splitter Module (2.05 GHz)
47690-6C2	1x6 Passive Video Splitter Module (2.05 GHz)
47690-8C2	1x8 Passive Video Splitter Module (2.05 GHz)

FEATURES AND BENEFITS

- Distributed digital satellite signals to up to 4 TV's.
- Combines signals from digital satellite with off-air antenna onto single coax cable.



3x4 Multi-Switch

The 3x4 Multi-Switch distributes satellite signals to up to 4 TV's. It combines signals from dual incoming LNB (low noise block) digital satellite systems with transmission from an off-air antenna for distribution on a single coaxial cable. The module incorporates a separate input to receive TV antenna signals which is best used in combination with a video amplifier.

3x4 Multi-Switch

SPECIFICATIONS

Dimensions:	4.766"H.x 6.576"W.x 2.366"D.			
Frequency Range:	TV Antenna 40-860 MHz Dual LNB 950-2150 MHz Receiver Output 40-2150 MHz			
Impedance:	75 Ohm			
Connector Type:	F-type			
LNB Selection Voltage:	LNBA: 13/14V	LNBB: 12/18V		
Insertion Loss:	40-860 MHz:	–7dB (typical)	950-2150 MHz:	–3dB (typical)
Return Loss:	40-860 MHz:	–10dB (typical)	950-2150 MHz:	–10dB (typical)
Isolation:	Output to Opposite Input -22dB (typical)			
DC Power Passing:	RX–LNB LNB–RX RX–ANT	500Ma (max.) None None	RX–RX ANT–RX	None None

3x4 Multi-Switch

CAT NO.	DESCRIPTION
47691-3MS	3x4 Multi-Switch

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Home Security

Decora® Camera

A high-tech addition to the attractive Decora family, the Decora Camera provides high-quality color video output that will run through the Structured Media Enclosure and connect to a monitor anywhere in the home or office–instantly turning a home media center into a home security center.

Combine multiple cameras with a Leviton Video Sequencer to create one signal that steps through the different views. Then add a Leviton Modulator and Notch Filter to route its signal not only to a dedicated monitor, but also over a whole-house pre-assigned "security channel" between 75-80 (when used with a notch filter).

The Decora Camera produces clear and reliable CMOS-based video with a wide angle lens that eliminates the need for constant re-adjustment. It features a self-contained video differential amp for increased clarity of signal. A manual horizontal pan feature allows you to easily aim the camera. Power is indicated with a green LED indicator on the front of the faceplate. The Decora Camera does not have audio capability.

The Decora Camera has a terminal block output. An RCA/F adapter is provided for use with coaxial cable (shipped with one RCA female, 2-wire adapter and two male RCA to female F-connector adapters). Powered over separate cable. Connect power at your Structured Media Enclosure with a Leviton DC Power Distribution Module. Video signal is carried on coaxial cable. Power is supplied via a Cat 5 cable.

Shipped with one RCA female 2-wire adapter and two RCA male to female F-connector adapters.This stylish camera is complemented by a Decora wallplate (available separately).

FEATURES AND BENEFITS

- Self-contained video differential amp provide increased clarity of signal.
- CMOS-based wide angle color video camera in one compact Decora-style unit.
- Features terminal block output connections.
- Power is indicated by a green LED on faceplate.

Decora® Camera

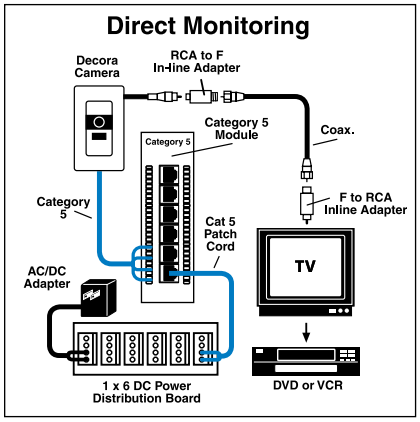
SPECIFICATIONS

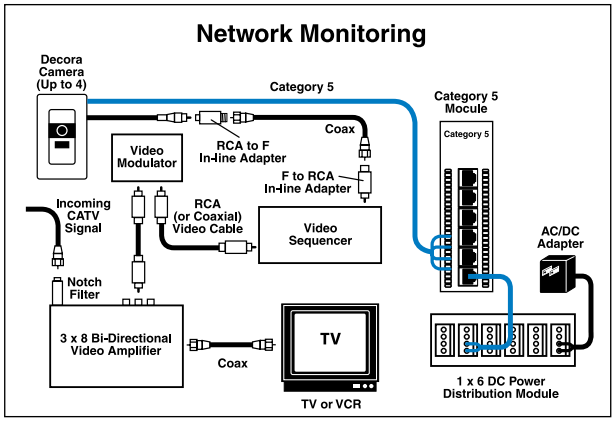
Dimensions:	4.1"H.x 1.4"W.x 2.2"D.
Connection:	4-position, removable screw terminal.
Camera: **Camera:**	CMOS imager: 1⁄3" 310 TV lines, NTSC with S/N ratio 38 dB min. Minimum illumination 5 lux
Transmission Total Harmonic Distortion:	-75 dBc
Power:	12-VDC @35mA typical 50mA max; green Power On LED

Decora® Camera

CAT. NO.	DESCRIPTION
48213-*DC	Decora Camera

**Colors: (I) Ivory, (W) White, (A) Almond*





Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Outdoor camera

Incorporating the same advanced video technology as the Decora Camera, the Outdoor Camera allows monitoring of front doors, back yards, and anywhere an extra eye is desirable. With the Video Sequencer, up to four Decora Cameras or Outdoor Cameras in any combination may be monitored sequentially.

Used in conjunction with a Modulator and Notch Filter to view audio and video output not only on a dedicated monitor, but all over your home via a preassigned channel in your cable line-up.

The Outdoor Camera is designed to withstand temperature and environmental extremes when mounted in a suitable location. Its high-tech housing and manual tilt-and-pan bracket assembly mount quickly and easily. The Outdoor Camera has a terminal block output. An RCA/F adapter is provided for use with coaxial cable. The camera requires one coaxial cable and one Cat 5 cable. Connect power at your Structured Media Enclosure, with a Leviton DC Power Distribution Module, or included power transformer.*

**Recommended mounting is in a sheltered location such as under an eave or overhang and away from direct exposure to rain and snow.*

FEATURES AND BENEFITS

- Self-contained video differential amp provides increased clarity of signal.
- CCD-based wide angle color video camera optimized for a wide variety of lighting conditions (black and white under low-light conditions).
- Features a terminal block output connection.
- Features audio output.

Outdoor Camera

SPECIFICATIONS

Dimensions:	
Power:	12 VDC 55mA typical 70mA max.
Connection:	One connecting block
Camera:	CCD imager: 1/3" 310 TV lines, NTSC with S/N ratio 38 dB min. Minimum illumination 10 lux Lens is 3.5mm with swivel mount, adjustable focus Output electronically balanced
Transmission Bandwidth:	50 M Hz @-3 dB
Transmission Total:	
Harmonic Distortion:	-75 dBc
Transmission Slew Rate:	800 V/us

Outdoor Camera

CAT NO.	DESCRIPTION
48213-ECC	Outdoor Camera

Video Sequencer

The Structured Media Video Sequencer, which automatically switches between video cameras, is a security product engineered for long-term home use. With the Video Sequencer, up to four Decora Cameras or Outdoor Cameras, in any combination, may be monitored sequentially. The Sequencer allows a variable time-interval setting from 1–30 seconds on each camera to allow thorough surveillance of any perimeter or interior. The Video Sequencer has four composite RCA audio/video inputs and two sets of RCA outputs to connect with a monitor or modulator. It snaps into a 280 or 420 Structured Media Center.

FEATURES AND BENEFITS

- Inputs for up to four video cameras and audio sources.
- Automatic switching between cameras.
- 1–30 second variable time setting between cameras.
- RCA composite audio/video inputs and outputs.

Video Sequencer

SPECIFICATIONS

Dimensions:	7.4"H.x 4.75"W.x 2"D.
Power:	12 VDC @ 300mA
Inputs:	Four RCA video; Eight RCA left/right audio
Outputs:	2 RCA video and 4 RCA left/right audio
Time interval:	1-30 seconds, variable/adjustable
Signal to Noise Ratio:	<1.2dB
Bandwidth:	5MHz

Video Sequencer

CAT NO.	DESCRIPTION
48213-CVS	Video Sequencer

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Media Center Modulator

The Media Center Modulator takes the signal from a video device such as a security camera (or multiple cameras using the Video Sequencer) and modulates the signal to one unused cable TV channel, which can then be combined with the CATV signal to multiple locations anywhere in the home, effectively providing a whole-house security channel.

Select the broadcast channel to be programmed via dip-switch button programming. The modulator provides 0, 10, 20 or 30 dBmV RF output.

Note: Modulator broadcasts mono audio only. In a Structured Media System, when used with Structured Media Video Distribution modules, the Modulator must be used with a Leviton Notch Filter (PN 47690-NFA) to clear the target cable channel and avoid interference.

FEATURES AND BENEFITS

- RCA video and audio inputs.
- F-Connector output (channels 14-35 UHF and 54-86 CATV).
- DC power supply.

Media Center Modulator

SPECIFICATIONS

Dimensions:	3.2"H.x 2.25"W.x 1"D.
Inputs:	RCA video, RCA audio inputs
Outputs:	1 F-connector for RF signal
Operational channels:	14-69 UHF; 70-94, 100-125 CATV
Bandwidth:	50MHZ-860MHZ
Power:	12V DC 400mA

Media Center Modulator

CAT NO.	DESCRIPTION
48213-VMA	Media Center Modulator

RF Notch Filter

The RF Notch Filter is an essential element of Home Security Monitoring and Multi-Room Video. It blocks incoming cable TV channels 75–80, allowing the Media Center Modulator or Component Modulator to broadcast an in-house "security" or "entertainment" channel over the coaxial cable system without interference. The Notch Filter simply couples to the coaxial cable TV input on either a splitter or an active video distribution device. Once installed, it filters out six cable channels to make room for any home security or entertainment video application. It also blocks outgoing signals, such as cameras, from being broadcast outside the home.

RF Notch Filter

SPECIFICATIONS

Dimensions/Weight:	3"L.x .9"W.–2lbs
Type:	Passive RF filter
Bandwidth:	CATV channels 75-80
Input:	Female F-connector
Output:	Male F-connector

RF Notch Filter

CAT NO.	DESCRIPTION
47690-NFA	RF Notch Filter

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Desktop Stereo Modulator

The Stereo Modulator is a desktop-style device designed to work with audio/video components such as DVD players and home theater receivers.It combines composite audio and video signals from a source such as a DVD player, DSS receiver, or VCR, converts the signals to radio frequency and creates a television channel, which can then be broadcast over the whole-house coaxial network to multiple televisions on one unused cable channel, effectively setting-up an in-home entertainment channel.

The "frequency agile" modulator allows the selected broadcast channel to be programmed via push buttons. The modulator outputs on any UHF channel between 14 and 69 or CATV channel between 54 and 94 and 100 and 125 (channels 75-80 are recommended with the Notch Filter; see below note).

Note: The Desktop Stereo Modulator broadcasts in stereo. When used with Structured Media Video Distribution modules such as Leviton's 3x8 RF Video Module (Cat. No. 47690-3BY), the Desktop Stereo Modulator must be used with a Leviton Notch Filter (Cat. No. 47690-NFA) to clear the cable channel and avoid interference.

FEATURES AND BENEFITS

- Patented MTS stereo surround sound technology for the best modulated sound.
- Patent pending DVD compatible technology delivers better sound from DVD players.
- Digital read out for easy channel selection.
- Memory retention for power outages.
- Digital phase lock loop (PLL) tuning eliminates channel drift.

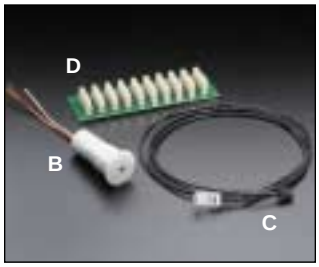
Desktop Stereo Modulator

SPECIFICATIONS

Dimensions:	7.8"W.x 2.4"H.x 7"D.
Inputs:	1 RCA video, 2 RCA left/right audio
Outputs:	1 F connector for RF signal (1 RCA video, 2 RCA left/right audio) loop through
Operational channels:	14-69 UHF; 54-94 and 100-125 CATV (76-80 recommended with Notch Filter)
S/N ratio:	>60dB
Separation @1KHz:	>25dB
Bandwidth:	50MHz-860MHz
Power:	12V DC @300mA

Desktop Stereo Modulator

CAT NO.	DESCRIPTION
48210-DSM	**A**–Media Center Modulator



Multi-Room Infrared (IR) Repeater System

The IR Repeater System consists of three pieces: an IR Target, IR Emitter and a distribution block for distributing control signals to multiple emitters. The IR Target takes the signal from a remote control for an audio/video component, such as a DVD player or home theater receiver, and converts it to a low-voltage electrical signal for use over long distances and in different rooms. The electrical signal is converted back at the component to be controlled by the IR emitter. With such a set-up, a user can control a DVD player down in the family room from an upstairs bedroom, for example. The IR Repeater System is highly useful with multi-room audio/video distribution using the Component Modulator or Decora Media™ System.

The IR Target easily installs in a ceiling or wall, and connects with Category 5 cable to the IR Emitter. A separate IR Emitter is used for each controlled A/V component, through the distribution block in the Structured Media Enclosure. Distribution block (Cat. No. 47689-B) available separately.

FEATURES AND BENEFITS

- Low-profile, flush-mount Target design.
- Two signal connections and two power connections.
- Emitter features adhesive surface for easy installation on audio/video components.
- Distribution block for multiple Emitter configurations.
- DC power supply.

IR Repeater System

SPECIFICATIONS

Dimensions:	2"L.x 1"W.
Power:	12V DC @200mA
Target Output:	4 signal leads
Target Input:	2 power leads (DC + and -)
Emitter Output:	Infrared to control source component
Emitter Input:	2 signal leads
Power Supply:	12V DC @5mA

IR Repeater System

CAT NO.	DESCRIPTION
47621-CMS	**B**–Target
47621-MIE	**C**–Emitter
47603-110	**D**–1x9 Bridged Telephone Module, w/o bracket. Indiv. boxed unit pack, rack pack carton.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Audio/Video Distribution

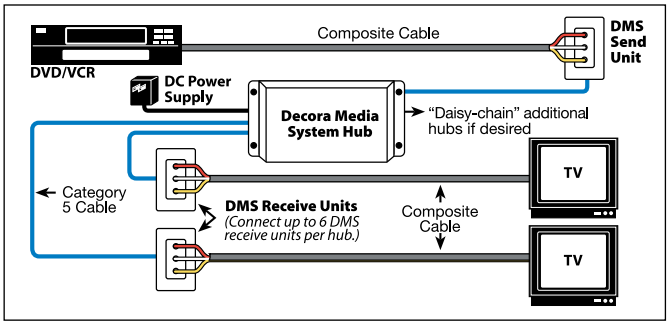
Decora Media™ System

Distribute audio and video signals anywhere in the home using Category 5 cable and Leviton's Decora Media System (DMS). Send VCR, DVD library, CD, MP3 and Internet radio signals through up to 1,000 feet (300 meters) of cable with no discernible audio or video distortion and better performance than the more expensive, specialized "designer" cables.

DMS is comprised of: a Send Unit for transmitting audio/video signals, a Receive Unit for receiving signals and a Media Hub for whole house distribution.

The DMS utilizes advanced active electronics to operate with several different topologies: a star wiring scheme, with peripheral components sending and receiving critical information via Send and Receive units and the centralized data-communications hub; a Hub-to-Receive model, where information is sent to the hub–and from the hub to remote Receive units; and a Point-to-Point model, where Send and Receive units are linked directly together.

Send and receive units run on 12VDC,hub runs on 15VDC and can be powered independently or through the Media Hub.



FEATURES AND BENEFITS

- Panel can be attached vertically or horizontally in Structured Media Enclosures.
- Cascade hub units to distribute audio/video signals to over 20 locations.
- Send and Receive units are equipped with RJ-45 jacks and 110 punchdown blocks for maximum flexibility in installation.
- Composite RCA inputs for connectivity directly from A/V source.
- Send and Receive units fit standard wallboxes and Decora wallplates.
- Advanced circuitry with automatic equalization streams analog audio and video signals over long distances with less distortion.
- Stereo audio input/output handles Dolby® ProLogic™ surround signals.
- Send VCR, DVD, cable TV, satellite and security camera signals through Category 5 cable.
- RJ-45 input for Send unit.

Decora Media™ System

SPECIFICATIONS	SEND UNIT	RECEIVE UNIT	MEDIA HUB
Dimensions: 1.75"D.	4.1"H.x 1.4"W.x 2.0"D.	4.1"H.x 1.4"W.x 2.0"D.	6.5"H.x 3.4"W.x
Video Bandwidth:	50 M Hz @ -3 dB	50 M Hz @ -3 dB	50 M Hz @ -3 dB
Video THD:	75 dBc	-75 dBc	-75 dBc
Video Input:	——	0.5V to 2V composite	0.5V to 2V composite
Video Output:	0.5V to 2V composite	——	——
Slew Rate:	800/Vus	800/Vus	800/Vus
Audio Input Impedance:	——	20k Ohms, max 3Vp-p	20k Ohms, max 3Vp-p
Audio Output Impedance:	51 Ohms, max 2Vp-p	——	——
Audio Freq. Response:	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB	5 Hz-100k Hz, ±3 dB
Audio THD:	0.002% 20 Hz-20k Hz	0.004% 20 Hz-20k Hz	0.002% 20 Hz-20k Hz
Audio S/N Ratio:	100 dB typical, 80 dB min 20 Hz-20k Hz	100 dB typical, 80 dB min 20 Hz-20k Hz	100 dB typical, 80 dB min 20 Hz-20k Hz
Input Noise:	4.5nV/(Hz), 1/2 typical @ 1k Hz	6nV/(Hz), 1/2 typical @ 1k Hz	4.5nV/(Hz), 1/2 typical @ 1k Hz
Input and Outputs:	3 RCA input jacks 1 set RJ-45 in/out jacks 1 110 punchdown out 1 DC power input	3 RCA output jacks 1 set RJ-45 in/out jacks 1 110 punchdown out 1 DC power input	3 RCA input jacks 1 RJ-45 input jack 6 RJ-45 output jacks 1 DC power input
Power:	12VDC	12VDC	15VDC

Decora Media™ System

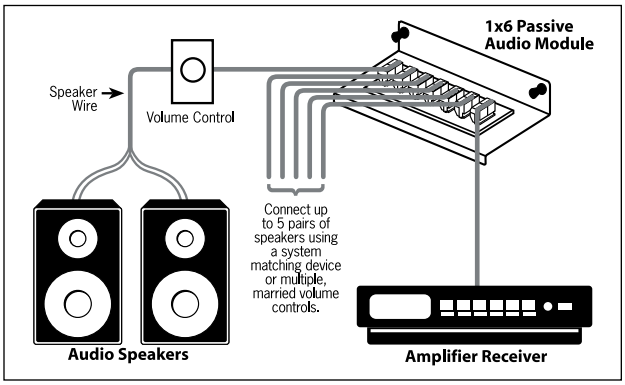
CAT NO.	DESCRIPTION
48210-MCH	Decora Media System Media Hub with Power Supply
48210-SRU	Decora Media System Send and Receive Unit Pair with Power Supply
48210-MSU	Decora Media System Send Unit with Power Supply
48210-MRU	Decora Media System Receive Unit

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Audio/Video Distribution

1x6 Passive Audio Module

Easy, centralized audio system distribution module connects up to six pairs of speakers from an entertainment center or amplifier. Just run speaker wire to this passive bridging module and fill multiple rooms with high-quality music or sound. Supports up to six pairs of speakers; ideal for multi-room sound systems. Note: To ensure a correct impedance match with an amplifier, only use the passive audio module with impedance matched volume controls or a system matching device.



FEATURES AND BENEFITS

- Supports up to six pairs of speakers.
- Combine with Decora Volume Controls to control up to six pairs of speakers from one amplifier or receiver.
- Parallel connection scheme insures the best sound quality.
- User-removable connectors facilitate installation.
- Connects with standard fire-rated speaker wire.

1x6 Passive Audio Module

SPECIFICATIONS

Dimensions:	6.58H.x 2.89W.x 1.42D.
Wire Gauge:	18–14 AWG
Requirements:	Product should be used with impedance-matched volume controls or controller

1x6 Passive Audio Module

CAT NO.	DESCRIPTION
48211-6A	1x6 Passive Audio Module

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

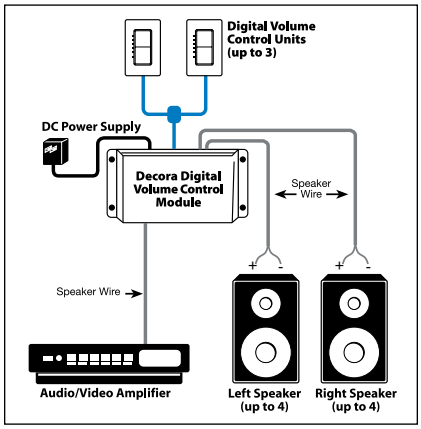
Composer Series Audio and Speaker Controls

Leviton's Composer Series controls are built to a single quality standard, which means system designers can specify them for any distributed sound application with total confidence. (Leviton's Chopin Digital Volume control uses the same heat-dissipation technology used on the space shuttle and resistive switching to achieve ruler-flat frequency response.) On the rotary analog controls, tapped auto-transformer design provides a stable interface between high-current amplification and speakers of virtually any type while resisting contamination from dust and dirt.

All analog audio power ratings are UL referenced. All volume controls feature screw connectors for long-term connection integrity.

Decora Digital™ Chopin™ Volume Control

Fill a home with high-quality audio at the touch of a button, replacing traditional transformers and rotary controls with this advanced interface module and one-touch Decora Chopin™ Rocker-Switch Wall Unit. Attractive Decora styling and transformer-less design bring simplicity and superior sound-quality to this advanced audio delivery system. The Volume Control mounts in a standard wall box or low-voltage mounting bracket and connects via Category 5 cable to the Interface Module in the Structured Media Enclosure. Decora Chopin Wall Units are a perfect match with Decora Mural™ lighting controls, fit in all Decora wallplates and accommodate up to 4 pairs of speakers if wired in a series/parallel configuration.



FEATURES AND BENEFITS

- Connects to Interface Module with a single RJ-45 connection. No direct speaker/amplifier connections required at the controller.
- Microprocessor-controlled relays for silent switching.
- Provides impedance matching with speakers from 4–16 Ohms.
- Terminates all amplifier and speaker connections using high-quality audio connection block.
- Digital, transformer-free design uses aerospace-quality cermatile resistors for proper heat dissipation and superior performance.
- Each audio zone requires one Digital Volume Control module.
- Each Digital Volume Control module can support up to three volume control units.
- Each Digital Volume Control module can control up to 4 pairs of speakers.
- Tap mute feature activated when center of rocker panel is pressed.

Decora Digital Volume Control Systems

SPECIFICATIONS

Peak RMS Power Rating:	200 Watts per channel
Continuous Power Rating:	100 Watts RMS per channel
Frequency Response, all rated power levels, +/-0.1 dB:	DC-50,000 Hz
Speaker Impedance:	4-16 Ohms nominal
Speaker/Amplifier Connection:	Removable, snap-in audio monoblock w/screw terminals
Power Requirements:	12 Volts DC, 200 mA

Decora Digital Volume Control Systems

CAT NO.	DESCRIPTION
48211-*VK	Decora Digital Volume Control Kit (Includes Interface Module and Wall Unit with Power Supply)
48211-*VC	Decora Digital Volume Control Wall Unit

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Composer Series Analog Audio Controls

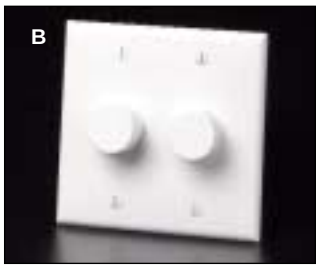
Brahms™ Stereo Volume Controls—75 Watt Audio

The 75 Watt Brahms series (25 Watts RMS) of volume controls is ideal for low to moderate power installations in the home and for use with dedicated multi-room amplifiers and mini-systems. The units accommodate 4, 8 or 16 Ohm speakers and amplifiers up to 75 Watts. All controls facilitate impedance matching.

Attenuation: -34 dB in 12 steps. Attenuator Type: Tapped auto transformer. Power Rating: UL Listed @ 75 Watts audio, 25 Watts RMS continuous. Frequency Response: 35 Hz–20 kHz. Screw type connections, 12 position rotary switch.

Decora® Brahms™ Stereo Volume Controls
Control stereo volume from convenient wall-mounted location.

CAT NO.–IVORY	CAT NO.–WHITE	CAT NO.–ALMOND	DESCRIPTION
40841-DI	40841-DW	40841-DA	**A**–Decora® Brahms Stereo Volume Control, 75 Watt, 25 Watt RMS with insert, knob and plate. Boxed unit pack, rack pack carton



Brahms Dual Stereo Volume Controls
Control two stereo systems at one location.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40899-I	40899-W	**B**–Brahms Dual Stereo Volume Controls, 75 Watt, 25 Watt RMS on two-gang plate. Boxed unit pack, rack pack carton

Decora® Brahms Stereo Volume Control with ON/OFF Switch
Convenience of ON/OFF, as well as volume control.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40905-25I	40905-25W	**C**–Decora® Brahms Stereo Volume Control, 75 Watt, 25 Watt RMS with insert, knob and plate. Boxed unit pack, rack pack carton

Outdoor Stereo Volume Control
Enables the control of stereo volume from an outside location. Weatherproof with gas-

CAT NO.–GRAY ONLY	DESCRIPTION
40853-OVC	**D**–25 Watt RMS with weather resistant enclosure. Boxed unit pack, rack pack carton

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Composer Series Analog Audio Controls

Strauss™ Stereo Volume Controls—216 Watt Audio

The 216 Watt Audio (72 Watt RMS) Strauss volume control series is ideal for higher power installations in the home, and for use with home theater receivers and separate power amplifiers. Their heavy-duty autoformer construction is designed to resist saturation and degradation even after years of high-volume use while maintaining signal purity. The units accommodate 4, 8 or 16 Ohm speakers and amplifier systems rated up to 216 Watts. All controls facilitate impedance matching.

Attenuation: -34 dB in 12 steps. Attenuator Type: Tapped auto transformer. Power Rating: UL Listed @ 216 Watts Audio, 72 Watts RMS continuous. Frequency Response: 35 Hz–20 kHz. Screw type connectors, 12 position rotary switch.

Decora® Strauss Stereo Volume Controls
Control stereo volume from convenient wall-mounted location.

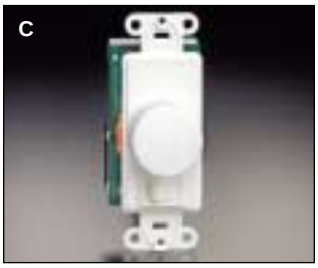
CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40901-DI	40901-DW	**A**–Decora® Strauss™ Stereo Volume Control, 216 Watt, 72 Watt RMS with insert, knob and plate. Boxed unit pack, rack pack carton

Strauss Dual Stereo Volume Controls
Control two stereo systems at one location.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40864-DI	40864-DW	**B**–Strauss Dual Stereo Volume Controls , 216 Watt, 72 Watt RMS on two- gang plate. Boxed unit pack, rack pack carton

Decora® Strauss Stereo Volume Control with ON/OFF Switch
Convenience of ON/OFF, as well as volume control.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40888-72I	40888-72W	**C**–Decora® Strauss Stereo Volume Control, 216 Watt, 72 Watt RMS with two-gang plate. Boxed unit pack, rack pack carton



Decora® Strauss Stereo A/B Selector Switch
2 stereo source inputs, 1 stereo speaker pair output. Provides the ability to choose between two separate sources, such as a receiver or an amplifier.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40911-DI	40911-DW	**D**–Decora® Strauss Stereo A/B Selector Switch, 900 Watt audio, 300 Watt RMS. Boxed unit pack, rack pack carton

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Specialized Audio/Video Wallplates

Single Spring Clip Wallplate
Equipped with spade terminals. Mounted on break resistant polymer wallplate.

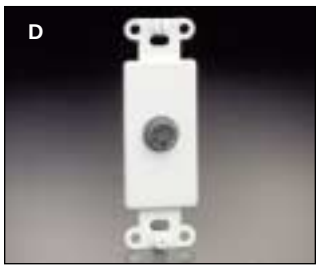
CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40951-1PI	40951-1PW	**A**–Single Spring Clip Wallplate. Carded unit pack, rack pack carton

Double Spring Clip Wallplate
Equipped with spade terminals. Mounted on break resistant polymer wallplate.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40952-2PI	40952-2PW	**B**–Double Spring Clip Wallplate. Carded unit pack, rack pack carton

RCA to Coax Connector Wallplate
Converts coax to RCA connector. Mounted on break resistant polymer wallplate.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40953-ADI	40953-ADW	**C**–RCA to Coax Connector Wallplate. Carded unit pack, rack pack carton



Single S-Video Decora® Insert
Metal insert requires Decora wallplate for mounting.

CAT NO.–IVORY	CAT NO.–WHITE	DESCRIPTION
40954-DMI	40954-DMW	**D**–Single S-Video Decora® Insert. Carded unit pack, rack pack carton

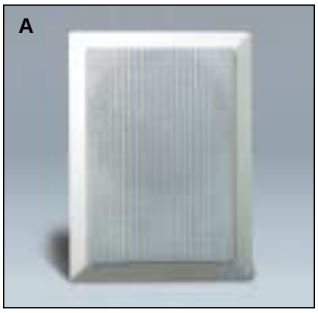
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

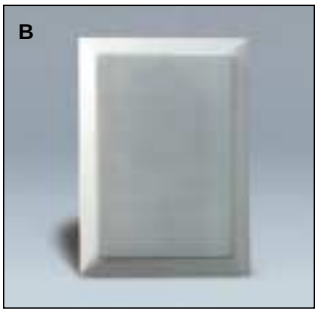
Speakers

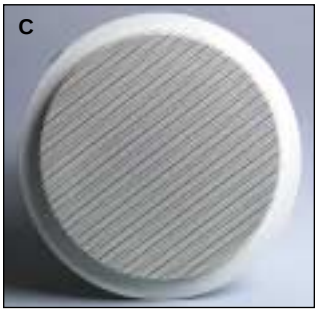
In-Wall and Ceiling Flush-Mount Speaker Series

Acoustically-optimized and architecturally-designed, Leviton's series of in-wall and ceiling speakers is ideal for use in anything from foreground music systems to fully-equipped home theaters. Manufactured in the same facility as some prestigious "audiophile" types and with specifications verified through independent audio lab testing, Leviton speakers bring new meaning to the old phrase "value and performance."

All Leviton in-wall and ceiling series speakers incorporate long-throw, high-output woofers and ultralight polydome tweeters for exceptional clarity, detail and impact, and a low-loss precision crossover network for smooth, linear response. Leviton speakers have paintable grilles and frames for an aesthetic match with any décor and come with mounting frames for easy installation. Each speaker is acoustically engineered, or "voiced," for optimum performance when installed in walls or soffits. All are nominally rated at 8 Ohms impedance and 90dB sensitivity.







100 Watt In-Wall Flush Mount Speaker
Paintable grill and frame. 8" Woofer, 1" Polydome tweeter, 90 dB sensitivity, 8 Ohm impedance, 5,000Hz crossover frequency, 50–20,000Hz frequency response. Includes mounting bracket. 13"x 9" wall opening.

CAT NO.–WHITE ONLY	DESCRIPTION
40890-WS	**A**–100 Watt In-Wall Flush Mount Speaker, white. Boxed unit pack

60 Watt In-Wall Flush Mount Speaker
Paintable grill and frame. 6-1⁄2" woofer, 1⁄2" Polydome tweeter, 90 dB sensitivity, 8 Ohm impedance, 6,000Hz crossover frequency, 50–20,000Hz frequency response. Includes mounting bracket. 9-5⁄8" x 6-1⁄4" wall opening.

CAT NO.–WHITE ONLY	DESCRIPTION
40891-W	**B**–60 Watt In-Wall Flush Mount Speaker, white. Boxed unit pack

100 Watt Ceiling Mount Round Speaker
Paintable grill and frame. 6-1⁄2" woofer, 1⁄2" Polydome tweeter, 90 db sensitivity, 8 Ohm impedance, 6,000Hz crossover frequency, 50–20,000Hz frequency response, 8-1⁄2" diameter ceiling opening.

CAT NO.–WHITE ONLY	DESCRIPTION
40896-W	**C**–100 Watt Ceiling Mount Round Speaker, white. Boxed unit pack

Outdoor Speakers

For stealth installations, these Leviton speakers blend into the landscape and bring high-fidelity sound to gardens, pools, atriums, and other environments. Each speaker incorporates exotic technology materials to withstand environmental extremes including heat and humidity. All come complete with 50 feet of Direct Bury 16-gauge speaker wire. Rated nominally at 8 Ohms impedance.

100 Watt Outdoor Rock Speaker
8" Woofer. 2" dome tweeter with crossover, 77 dB Sensitivity, 8 Ohm impedance, 50–20,000Hz frequency response. Includes 50 ft. of direct bury 16/2 gauge speaker wire.

CAT NO.–DARK GRAY	DESCRIPTION
40827-G	**D**–100 Watt Outdoor Rock Speaker, single. Boxed unit pack

60 Watt Outdoor Rock Speaker
6-1⁄2" woofer, 1⁄2" tweeter, 77 dB sensitivity, 8 Ohm impedance, 50–20,000Hz frequency response. Includes 50 ft. of direct bury 16/2 gauge speaker wire.

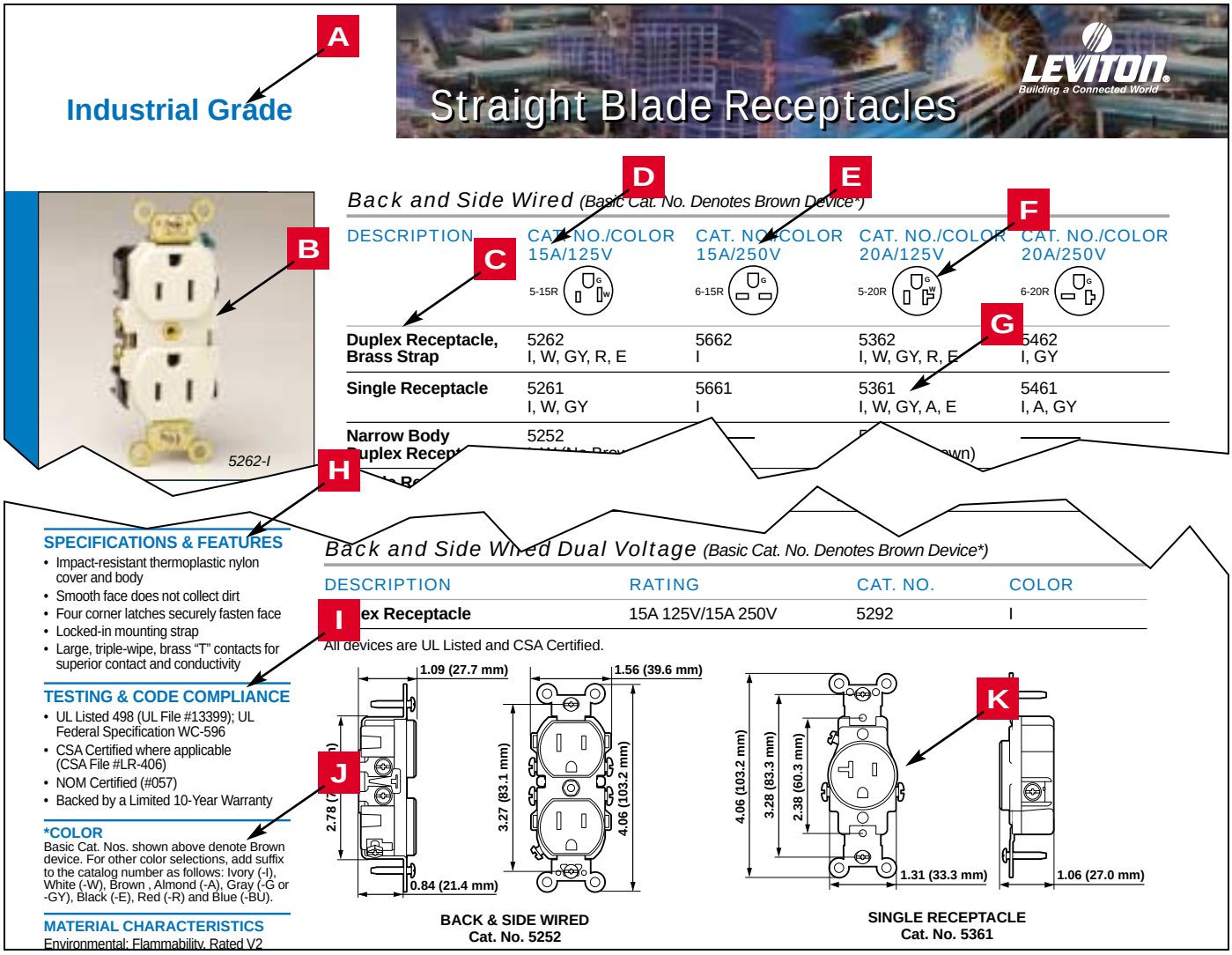
CAT NO.–LIGHT GRAY	DESCRIPTION
40828-G	**E**–60 Watt Outdoor Rock Speaker, Single. Boxed unit pack

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

How To Use This Catalog

This edition of the Leviton Wiring Device Catalog has been re-designed to help you find the device you're seeking in the quickest and easiest way possible. To achieve this, each Section (A, B, C, etc.) has been divided into three distinct portions in the following sequence—Industrial Grade first, Commercial Grade second, Residential Grade third—and grouped according to their amperage and voltage, lowest to highest. (Some product classes may have slight differences.) If you need to place an order for any quantity of 15 Amp, 125 Volt, Industrial Grade duplex receptacles with back and side wiring, you would begin your search for the right Leviton product with the Table of Contents. Here you'll see that all receptacles are listed in Section D. Turning to Section D, you'll find that product descriptions now lead off each listing, so that you'll be able to understand what the device is about, functionally, in relation to your needs. Product description, in turn, is followed by Amps and catalog numbers for ordering purposes. To assist you further, such helpful highlights as Specifications & Features, Testing & Code Compliance, Color listing, Material Characteristics, color photos and dimensional drawings virtually fill each page. Four-color photographs have been added throughout the catalog to provide you with an enhanced view of the Leviton product line.

Any page in this L-504 Catalog can be used as a specificer sheet or as part of a presentation; and any page can be clearly faxed to customers and prospects. Product classes may also be pinpointed in the Quick Reference Guide following the Table of Contents. After turning to the proper page, you would locate the catalog number for the item that corresponds to your needs, along with basic information about similar items. Wiring diagrams, NEMA Configuration Charts, Electrical Industry Definitions, ANSI Architectural Symbols, and other related information can be found in the Technical Section (U). Specific product catalog numbers are listed in the exhaustive index at the back of the catalog.



A Choose GRADE, if appropriate

B PHOTOGRAPH

C Check for SINGLE or DUPLEX

D Find AMPERAGE

E Select RATING and WIRING

F Check for NEMA CONFIGURATION

G COLOR ABBREVIATIONS

H SPECIFICATIONS & FEATURES

I TESTING & CODE COMPLIANCE

J COLOR LISTING

K DIMENSIONAL ILLUSTRATIONS

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Technical Information

Industry standards, relevant definitions, pertinent product data, representative dimensional drawings and general product references are included in this section.

LEVITON TECHNICAL INFORMATION

List of Abbreviations ____ U1
National Electrical Code (NEC) Requirements ____ U2
Associations, Organizations and Standards ____ U3, U4
Certification Agencies and Markings ____ U4
UL, CSA and NEMA Standards Pertaining to Leviton ____ U5
High-Abuse, UL Listed Hospital Grade Wiring Devices ____ U6
Glossary of Electrical Wiring Device Terms ____ U7–U9
Switches ____ U10
Dimmers ____ U10
Receptacles ____ U10, U11
Ground Fault Circuit Interrupters (GFCI's) ____ U11
Enclosure Classifications ____ U12–U14
Materials Used in Wiring Devices ____ U14, U15
ANSI Architectural Symbols ____ U16
NEMA Straight Blade Configurations ____ U17
NEMA Locking Configurations ____ U18
Horsepower Ratings for NEMA Configurations ____ U19
Circuit Wiring Diagrams ____ U20–U22
Switch Wiring Diagrams ____ U23
Diameter Ranges of Jacketed Cord ____ U24
Wallplate Dimensions ____ U25
Telephone Wiring Devices — Codes and Standards ____ U26
Wire Color Codes and Jack Pin Designations ____ U27

SECTION U

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

List of Abbreviations Used In Leviton Catalogs

ANSI

American National Standards Institute, Inc.
11 West 42nd St., New York, NY 10036

An independent organization that identifies industrial and public requirements for national consensus standards and coordinates and manages their development, resolves national standards problems, and ensures effective participation in international standardization.

Various U.S. Government Agencies often adopt ANSI Standards. For example, the Department of Defense has made mandatory the use of ANSI Standard Y32.9-1972, “Graphic Symbols for Electrical Wiring and Layout Diagrams used in Architecture and Building Construction.” Such Standards are often developed by specialized technical societies for ANSI. The Standard referred to above was prepared by the Institute of Electrical and Electronics Engineers (IEEE) and the American Society of Mechanical Engineers (ASME).

GSA

General Services Administration Federal Supply Service
Crystal Mall Bldg. 4, Washington, D.C. 20406

The U.S. Government administration responsible for the approval of Federal Specifications used in the purchase of products by all Federal Agencies.

The two most relevant Federal Specifications for Electrical Wiring Devices are:

W-C-596, for Electrical Power Connector, Plug, Receptacle and Cable Outlet

W-S-896, for Toggle and Lock, Flush Mounted Switches

Leviton devices that comply with these specifications, as verified by Underwriters Laboratories Inc., are also listed in this catalog.

NEC

National Electrical Code
Published by the NFPA (see listing)

The purpose of the Code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This Code is sponsored by NFPA under the auspices of ANSI. It is revised every three years. OSHA (see listing) has adopted the NEC as the code to follow in order to comply with OSHA requirements.

NEMA

National Electrical Manufacturers Association
2101 L St. NW, Washington, D.C. 20003

An organization of electrical manufacturers that establishes standards for manufacture and tests for performance and reliability of electrical products. NEMA tests are often the basis or prerequisite for approval by the Federal Government and/or by Underwriter’s Laboratories, Inc.

NFPA

National Fire Protection Association
Battery March Park, Quincy, MA 02269

An organization devoted to promoting the science and improving the methods of Fire Protection. Membership is open to anyone interested. Every three years, the NFPA produces a new edition of the NEC (see listing). The NFPA also provides many other useful publications dealing with fire prevention.

OSHA

Occupational Safety and Health Administration
(U.S. Department of Labor), 200 Constitution Ave. NW.
Washington D.C. 20210 (plus regional offices)

That part of the U.S. Department of Labor responsible for assuring that employers provide safe and healthful working conditions and equipment for employees, and that employees properly avail themselves of these conditions.

In addition to specific regulations published in the Federal Register, OSHA has also adopted the National Electrical Code in part for existing installations and equipment and completely for new construction.

Note: OSHA does not approve products. Compliance with OSHA regulations is contingent on two factors: The approval or listing of the product by an authorized testing laboratory, such as UL (see listing), and the proper installation and/or use of the product in accordance with OSHA guidelines.

UL

Underwriters Laboratories Inc.
Northbrook, IL; Melville, NY; Santa Clara, CA

“An independent, not-for-profit organization testing for public safety.” Tests by UL are the basis for acceptance by various government agencies. Listing by UL denotes initial testing and periodic retesting to assure continuing conformance to standards.

NOM

Norma Official Mexicana
(Mexican Official Standard) SECOFI
Avenida Puent de Tecamachalco #6
Col. Lomas de Tecamachalco 53950
Naucalpan, Edomex Mexico

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Industry Standards for Electrical Wiring Devices

National Electrical Code Requirements for Wiring Devices

National Electrical Code NFPA No. 70-1996 (Selected Articles)

Article 90 — Introduction

Article 100 — Definitions

Article 110 — Requirements for Electrical Installations

110-18	Arcing Parts
110-21	Marking

Article 200 — Use and Identification of Grounded Conductors

200-9	Means of Identification of Terminals
200-10	Identification of Terminals

Article 210 — Branch Circuits

210-4	Multiwire Branch Circuits
210-6	Branch Circuit Voltage Limitations
210-7	Receptacles and Cord Connectors
210-8	Ground Fault Protection for Personnel
210-21	Outlet Devices
210-24	Branch Circuit Requirements
210-50	Required Outlets, General
210-52	Dwelling Unit Receptacle Outlets
210-60	Guest Rooms
210-63	Rooftop Heating, Air Conditioning and Refrigeration Equipment Outlet
210-70	Lighting Outlets Required

Article 220 — Branch Circuit, Feeder and Service Calculations

220-4	Branch Circuits Required

Article 250 — Grounding

250-45	Equipment Connected by Cord and Plug
250-50	Equipment Grounding Conductor Connections
250-51	Effective Grounding Path
250-59	Cord and Plug Connected Equipment
250-74	Connecting Receptacle Grounding Terminal to Box

Article 310 — Conductors for General Wiring

310-15	Ampacities

Article 380 — Switches

380-1	Scope
380-2	Switch Connections
380-8	Accessibility and Grouping
380-9	Faceplates for Flush-Mounted Snap Switches
380-14	Rating and Use of Snap Switches
380-15	Marking

Article 410 — Lighting Fixtures, Lampholders, Lamps, Receptacles

410-29	Cord-Connected Showcases
410-56	Receptacles, Cord Connectors and Attachment Plugs
410-57	Receptacles in Damp or Wet Locations
410-58	Grounding-Type Receptacles, Adapters, Cord Connectors and Attachment Plugs

Article 422 — Appliances

422-22	Disconnection of Cord- and Plug-Connected Appliances

Article 511 — Commercial Garages, Repair and Storage

511-10	Ground Fault Circuit Interrupter Protection for Personnel

Article 517 — Health Care Facilities

517-3	Definitions
517-12	Wiring Methods
517-13	Grounding of Receptacles and Fixed Electric Equipment
517-16	Receptacles with Insulated Grounding Terminals
517-18	General Care Areas
517-19	Critical Care Areas
517-19(e)	Additional Protective Techniques
517-20	Wet Locations
517-21	Ground Fault Circuit Interrupter Protection for Personnel
517-31	Emergency System
517-44	Sources of Power
517-61	Wiring and Equipment (a) Within Hazardous (Classified) Anesthetizing Locations (b) Above Hazardous (Classified) Anesthetizing Locations (c) Other-Than-Hazardous (Classified) Anesthetizing Locations
517-62	Grounding
517-64	Low-Voltage Equipment and Instruments

Article 518 — Places of Assembly

518-3(b)	Temporary Wiring Receptacles

Article 550 — Mobile Homes and Mobile Home Parks

550-5(c)	Attachment Plug Cap
550-8	Receptacle Outlets

Article 555 — Marinas and Boatyards

555-3	Receptacles
555-7	Grounding

Article 625 — Electrical Vehicle Charging System Equipment

625-22	(New Article) GFCI Protection for Cord- and Plug-Connected Electric Vehicle Supply Equipment

Article 680 — Swimming Pools, Fountains and Similar Installations

680-4	Definitions
680-5	Transformers and Ground Fault Circuit Interrupters
680-6(a)	Receptacles
680-6(b)	Lighting Fixtures, Lighting Outlets, Switching Devices and Ceiling Fans
680-7	Cord- and Plug-Connected Equipment
680-40	Outdoor Installations
680-41	Indoor Installations
680-51	Lighting Fixtures, Submersible Pumps and Other Submersible Equipment
680-62	Cord- and Plug-Connected Equipment
680-62	Therapeutic Tubs (Hydrotherapeutic Tanks)
680-62(a)	Ground Fault Circuit Interrupter
680-62(c)	Methods of Bonding

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Associations, Organizations and Standards

The following listings define the common acronyms used for a variety of organizations.

Standards Development Organizations

Primarily involved in the development and/or promulgation of standards

NFPA	National Fire Protection Agency
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ANSI	American National Standards Institute
CANENA	Consejo de Armonizacion de Normas Electrotecnicas de Norte America (Council for Harmonization of Electrotechnical Standardization of North America)
SAE	Society of Automotive Engineers
ISA	Instrument Society of America
SME	Society of Manufacturing Engineers
ISO	International Standards Organization
ASME	American Society of Mechanical Engineers

Codes and Standards

Installation codes and product safety, performance and interchangeability standards.

NEC	National Electrical Code
NOM	Normas Oficiales de Mexicanas (Official Mexican Standard)
NMX	Normas Mexicanas
CEC	Canadian Electrical Code
CEE	European Electrotechnical Committee

Industry Associations

For the purpose of standardization, trade, and professional development, etc.

NMDA	National Marine Distributor Association
NEMA	National Electrical Manufacturers Association
ABYC	American Boat and Yacht Council
EIA/TIA	Electronics Industry Association/Telecommunications Industry Association
NAED	National Association of Electrical Distributors
NAW	National Association of Wholesalers
BICISI	Building Industry Consulting Services International
IBI	Intelligent Building Institute
EPRI	Electric Power Research Institute
NEMRA	National Electrical Manufacturers Representative Association
IAEI	International Association of Electrical Inspectors
IFMA	International Facilities Management Association
BOMA	Building Owners Management Association
SEMI	Semi-Conductor Equipment and Material International
CEMRA	Canadian Electrical Manufacturers Representatives Association
NMRA	National Marine Representative Association
EFI	Electro-Federation Incorporated
NECA	National Electrical Contractors Association
IECA	Independent Electrical Contractors Association
ECOC	Electrical Contractors of Canada
CANAME	Camara Nacional de Manufacturas Electricas (Mexico)

Certification Agencies

Primarily involved in certification of products or manufacturers to standards developed by the certification agency or by others.

UL	Underwriters Laboratories Inc.
CSA	Canadian Standards Association
ANCE	National Association of Normalization and Certification of the Electrical Sector (Mexico)
TUV	TUV Rheinland of N.A., Inc.
VDE	Verband Deutscher Elektrotechniker (Germany)
BSI	British Standards Institute
FM	Factory Manual
NRTL	National Recognized Testing Laboratories
OSHA	Occupational Safety and Health Administration
FCC	Federal Communications Commission
DESC	Defense Electronic Supply Center
IAPA	Independent Accident and Protection Association (Canada)
CE	European Compliance (This is not a certification agency, but CE is the European Compliance Mark)
ETL	ETL Testing Laboratories

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

European Agencies: IEC and CEE

The IEC

The IEC is the International Electrotechnical Commission. Formed in 1906, it is a worldwide organization primarily involved in the international standardization of electrical standards and equipment. As of 1994, 48 countries are represented in the IEC. IEC member countries produce and consume the majority of the world's electrical energy. They also manufacture and use the majority of the world's electrical products.

The IEC works towards standardization of the following areas:

- Universal technical language; including definitions, and electrical symbols
- Systems for ratings, testing requirements and methods of testing
- Electrical system characteristics; including voltages, frequencies and tolerances
- Dimensional requirements and tolerances
- Universal electrical safety requirements

The CEE

The CEE is the European Electrotechnical Committee. The CEE works on safety standards, definitions for conformity and certifications for electrical equipment. Cooperation between the CEE and the IEC has led to worldwide publications for standards pertaining to electrical equipment.

Certification Agencies and Markings

Certification marks indicate that a product has been tested to the requirements of a specific certification agency. In some cases, a manufacturer chooses to identify a product in a particular way even though no outside certification agency is involved (i.e. Specification Grade). The following table illustrates the variety of certification markings typically used for 15A and 20A Straight Blade Receptacles. Understanding these marks permits the user or specifier to make meaningful product selections.

Typical Product Certification Marks — 15 & 20 Amp Straight Blade Receptacles. Products with these markings must meet the specific testing standards indicated.

Certification Mark	UL498	CSA, C22.2, No. 42M	UL 498 Hospital Grade	CSA, C22.2, No. 42M, Hosp. Grade	DESC W-C-596F	Certification Agency
Spec Grade*	No Product Testing Required — Manufacturer's Term Only					Manufacturer Only
	X					Underwriters Laboratories Inc. Recognized Component for OEM use.
	X					Underwriters Laboratories Inc.
		X				Canadian Standards Association
• Hospital Grade	X		X			Underwriters Laboratories Inc.
• Hospital Grade		X		X		Canadian Standards Association
Fed. Spec	X				X	Underwriters Laboratories Inc. and Defense Electronic Supply Center
Fed. Spec • Hospital Grade	X		X		X	Underwriters Laboratories Inc. and Defense Electronic Supply Center

*Includes variations such as Industrial Spec. Grade, Premium Spec. Grade, etc.

Cross References

The cross reference guides supplied by some manufacturers are convenient for determining compatible devices by rating and configuration. However, these cross reference guides are not official confirmation of compliance to any standard or testing criteria. This can only be determined by the certification marks which verifies that a product has been tested to the specific requirements of a certification agency. Also note that common catalog numbers are often used by different manufacturers for selection convenience. This is done solely at the discretion of the manufacturer and in no way implies compliance to any standard or testing criteria.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

UL, CSA and NEMA Standards Pertaining to Leviton Devices

UL Standards Pertaining to Leviton Devices

UL20	**General-use switches**
UL50	**Enclosures for electrical equipment**
UL94	**Flammability testing for materials**
UL486E	**Equipment and wiring terminals**
UL498	**Plugs, connectors, receptacles, inlets, outlets, taps and adapters**
UL508	**Industrial equipment (including motor control switches)**
UL514A	**Metallic boxes/covers/wallplates**
UL514C	**Non-metallic boxes/covers/wallplates**
UL817	**Cordsets**
UL943	**GFCI's**
UL1363	**Temporary power taps**
UL1436	**Outlet circuit testers**
UL1449	**Surge suppression devices**
UL1567	**Switches and receptacles used with AL wire**
UL1682 & 1686	**Pin & Sleeve devices**
UL1776	**High-pressure cleaning equipment**
FS WC596F	**Federal Spec receptacles**
FS WS896	**Federal Spec switches**

Note: Straight blade and locking NEMA configurations are defined by UL 1681 and NEMA WD 6.

Each UL standard consists of requirements that cover three characteristics of the product being reviewed:

1. Construction	**Material properties and general design**
2. Performance	**Mechanical and electrical testing**
3. Markings	**Identification of manufacturer, applicable ratings, etc.**

CSA Standards Pertaining to Leviton Devices

C22,2, No. 0.17	**Polymeric materials**
C22.2, No. 42	**General-use receptacles, attachment plugs**
C22.2, No. 55	**Special-use switches**
C22.2, No. 111	**General-use switches**
C22.2, No. 182.1	**Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices**
C22.2, No. 182.2	**Industrial locking type**

NEMA Standards Pertaining To Leviton Devices — In Accordance With NEMA Standard WD–1

WD 1-1.01 **CORD CONNECTOR**

A cord connector is a portable receptacle which is provided with means for attachment to a flexible cord and which is not intended for permanent mounting.

NEMA Standard 7-13-1967

WD 1-1.02 **GROUNDED CONDUCTOR (SYSTEM GROUND)**

A grounded conductor is a circuit conductor (normally current carrying) which is intentionally connected to earth ground. (It is identified as the white conductor.)

NEMA Standard 7-13-1967

WD 1-1.03 **GROUNDING CONDUCTOR (EQUIPMENT GROUND)**

A grounding conductor is a conductor which connects noncurrent-carrying metal parts of equipment to earth ground to provide an intentional path for fault current to ground (It is bare, or, when covered, is identified as the green or green with yellow stripes conductor.)

NEMA Standard 7-13-1967

WD 1-1.04 **LAMPHOLDER**

A lampholder is a device which is intended to support an electric lamp mechanically and to connect it electrically to a circuit.

NEMA Standard 7-13-1967

WD 1-1.05 **MALE BASE (INLET)**

A male base is a plug which is intended for flush or surface mounting on an appliance or equipment and which serves to connect utilization equipment to a connector.

NEMA Standard 7-13-1967

WD 1-1.06 **OUTLET**

A outlet is a point on the wiring system at which current is taken to supply utilization equipment.

NEMA Standard 7-13-1967

WD 1-1.07 **PLUG**

A plug is a device with male blades which, when inserted into a receptacle, establishes connection between the conductors of the attached flexible cord and the conductors connected to the receptacle.

NEMA Standard 7-1-1967

WD 1-1.08 **POLARIZATION (PLUGS AND RECEPTACLES)**

Polarization is a means of assuring the mating of plugs and receptacles of the same rating in only the correct positon.

NEMA Standard 7-1-1967

WD 1-1.09 **POLE**

The term “pole” as used in designating plugs and receptacles refers to a terminal to which a circuit conductor (normally current carrying) is connected.

In switches, the number of poles indicates the number or conductors being controlled.

NEMA Standard 7-1-1967

WD 1-1.10 **RECEPTACLE**

A receptacle is a device with female contacts which is primarily installed at an outlet or on equipment and which is intended to establish electrical connection with an inserted plug.

NEMA Standard 7-1-1967

WD 1-1.11 **SLANT SYMBOL (/)**

The “slant” line (/) as used in wiring device ratings indicates that two or more voltage potentials are present simultaneously between different terminals of a wiring device.

NEMA Standard 7-1-1967

WD 1-1.12 **SWITCH**

A switch is a device for making, breaking, or changing the connections in an electric circuit.

A. Single-pole Switch (Single-pole, Single-throw)

A switch which makes or breaks the connection of one conductor.

B. Double-pole Switch (Double-pole, Single-throw)

A switch which makes or breaks the connection of two conductors of a single branch circuit.

C. Three-way Switch (Single-pole, Double-throw)

A switch which changes the connection of one conductor and which is normally used in pairs to control one utilization equipment from two locations.

D. Four-way Switch (Double-pole, Double-throw Reversing)

A form of double-pole switch which is used in conjunction with two three-way switches to control one utilization equipment from three or more locations.

NEMA Standard 7-13-1967

WD 1-1.13 **TERMINAL (ON A WIRING DEVICE)**

A terminal is a fixed location on a wiring device where a conductor is intended to be connected.

NEMA Standard 7-13-1967

WD 1-1.14 **WIRE (PLUGS AND RECEPTACLES)**

The term “wire” as used in designating plugs and receptacles indicates the number or either normally current-carrying or equipment grounding connected conductors.

NEMA Standard 7-13-1967

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

High-Abuse Wiring Devices — UL Listed Hospital Grade

Why was it developed?

Hospital Grade Listed devices were developed to provide maximum safety in high-abuse applications where constant strenuous use of the device is common. These highest reliability devices are built to protect against possible human negligence and keep the devices safe and functional.

What are the applications for Hospital Grade, High Abuse Devices?

Rough use occurs not just in hospitals, but every place where people can't or won't be cautious with devices…the cleaning person who yanks the floor waxer plug down the hall, the mechanic who pulls the drill plug from the wall, or the child who removes the electric lawnmower plug from 40 feet away!

In addition, Leviton realized that devices in rough use situations are often exposed to many corrosive liquids, such as cleaning fluids, rug shampoos, chlorinated water, sprays, salt air and chemical fumes. Our corrosion resistant devices permit use in environments where these conditions are common.

Demanding Tests for UL Hospital Grade Listing

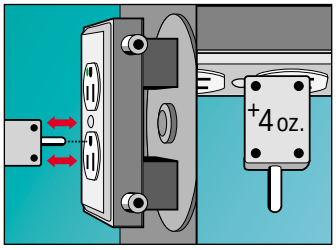
Leviton has designed a line of wiring devices that withstand impact, wear, crushing, and corrosive environments that would destroy ordinary heavy-duty devices. Leviton's comprehensive line of Hospital Grade and Industrial Grade plugs, connectors and receptacles include devices that have passed a series of demanding UL Hospital Grade tests. This assures the end-user of top performance in the harshest industrial environments. Here are examples of how Leviton devices meet or exceed the requirements of the most rigorous testing!

Receptacles

Abrupt Removal of Plug Test

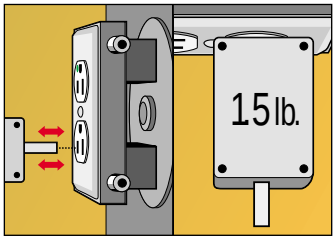
A steel-bodied test plug with brass blades is inserted into the receptacle. A 10-pound weight dropped from at least 24 inches yanks the plug out of the receptacle. This test is done eight times with the receptacle rotated into different positions to create the greatest stress on its face and contact. After this, the grounding contact must retain a four ounce, 0.184" diameter grounding pin, with the receptacle face down, for one minute. "There shall be no breakage of the receptacle that interferes with the receptacle function or the integrity of the enclosure. The receptacle shall maintain the grounding path integrity through the receptacle."

Ground Pin Test



The grounding contact of the receptacle is conditioned by 20 insertions with a 0.204" diameter oversized pin. "After conditioning, a 0.184" diameter pin shall be inserted in the grounding contact and shall be capable of supporting at least four ounces for one minute."

Power Blade Retention Test



A test plug with oversized blades of .075" is inserted into the current-carrying opening of the connector for 20 conditioning cycles. After the conditioning cycles, "the contact shall be capable of supporting for one minute 1½ lbs, secured to a single .055" thick solid steel blade without holes."

Plugs and Connectors

500 lb. Crush Test

A wired plug or connector is placed between two steel plates and subjected to a force which is steadily increased to 500 pounds. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Leviton knows that in real industrial environments, plugs and connectors are crushed by forces exceeding 500 lbs. Leviton performs the crush test with force of 2500 lbs to ensure that our devices withstand the really heavy hits on the job.

Impact Test

A wired plug or connector is subjected to impact from a 10 lb. weight dropped from a height of 18 inches. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Plugs and connectors are subjected to severe impacts in industrial settings. Therefore, Leviton exceed the UL requirement by dropping the weight from a height of 36 inches.

Cord Pull Test

The cord must remain securely fastened after straight pulls of 30 pounds, and rotating pulls (in a 3-inch circle) of 10 pounds for two hours. "Displacement of conductors, insulation, and outer jacket of the flexible cord AWG 18 SVT shall not exceed 1/32 inch. There shall be no cuts, rips, or tears in cord insulation."

Heavy-duty cord stress is typical abuse for industrial plugs and connectors. Leviton increases the weight in the straight cord pull test to 175 lbs. with AWG 14 ST and in the rotating pull test to 20 lbs, ensuring positive strain relief under industrial conditions.

Mechanical Drop Test

A sample wired plug or connector is suspended horizontally by its attached cord and released so that it impacts a hard wood surface 45 inches below the point of suspension - repeated for 1300 cycles. "There shall be no breakage, deformation or other damage which would interfere with the functioning of the device."

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Glossary of Electrical Wiring Device Terms

General Terms

Adapter — An accessory used for interconnecting non-mating devices or converting an existing device for modified use.

Ballast — A transformer that steps down AC line voltage to voltage that can be used by fluorescent or other types of lighting. Ballasts may be electromagnetic or electronic

Cord Connector — A portable receptacle designed for attachment to or provided with flexible cord, not intended for fixed mounting.

Flanged Inlet — A plug intended for flush mounting on appliances or equipment to provide a means for power connection via a cord connector.

Flanged Outlet — A receptacle intended for flush mounting on appliances or equipment to provide a means for power connection via an inserted plug.

Fluorescent Starter — A device with a voltage-sensitive switch and a capacitor that provides a high-voltage pulse to start a fluorescent lamp. Rated in watts.

Lampholder — A device with contacts that establishes mechanical and electrical connection to an inserted lamp.

Plug — A device with male contacts intended for insertion into a receptacle to establish electrical connection between the attached flexible cord and the conductors connected to the receptacle.

Receptacle — A device with female contacts designed for fixed installation in a structure or piece of equipment and which is intended to establish electrical connection with an inserted plug.

Switch — A device for making, breaking, or changing the connections in an electric circuit.

Wallplate — A plate designed to enclose an electrical box, with or without a device installed within the box.

Adapter Variations

Cube Tap — An adapter that converts one receptacle opening into multiple openings.

Current Tap — An adapter designed for medium base lampholders which has one or two receptacle openings. Available with or without integral switch.

Duplex — An adapter that provides two female receptacle openings when plugged into a single receptacle opening.

Grounding - An adapter that converts a two-wire receptacle opening into a two-pole, three-wire grounding receptacle opening.

Lampholder — A threaded adapter that converts the thread size of the lampholder in which it is inserted so that the lampholder can accept an incandescent lamp bulb of a different size thread.

Molded-On — An adapter that is factory molded to a length of flexible cord.

Series — An adapter wired in series to a flexible cord containing an in-line switch used to control electrical equipment plugged into the adapter.

"W" Type — Same as "Y" type, except having three cord connectors arranged in the form of the letter "W".

"Y" Type — An adapter in the form of a letter "Y", having two cord connectors on one end and a male plug on the other end.

Cord Connectors

Angle —A connector that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A connector constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A connector designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A connector constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A connector designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These connectors are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Locking — A connector designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — A connector designed with a smaller body diameter than standard connectors with a similar rating.

Molded On — A connector that is factory molded to a length of flexible cord.

Pin and Sleeve — A connector with hollow, cylindrical sleeve-type contacts.

Straight Blade — A non-locking connector into which mating plugs are inserted at a right angle to the plane of the connector face.

Weatherproof — A connector specially constructed so that exposure to weather will not interfere with its operation.

Flanged Inlets

Corrosion Resistant — An inlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An inlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An inlet designed to lock an inserted matching connector when the connector is rotated in a clockwise direction. The connector can only be removed by first turning it in a counter-clockwise direction.

Midget — An inlet designed with a smaller body diameter than standard connectors with a similar rating.

Pin and Sleeve — An inlet with round pin-type contacts intended to mate with a connector having hollow cylindrical female contacts.

Straight Blade — A non-locking inlet into which mating connectors are inserted at a right angle to the plane of the connector face.

Surface-Mounted — An inlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An inlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

Weatherproof — An inlet specially constructed to protect it from the effects of weather in outdoor locations.

Flanged Outlets

Corrosion Resistant — An outlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B17-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An outlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An outlet designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — An outlet designed with a smaller body diameter than standard devices with a similar rating.

Pin and Sleeve — An outlet with hollow cylindrical female contacts intended to mate with a plug having round pin contacts.

Straight Blade — A non-locking outlet into which mating straight-blade plugs are inserted at a right angle to the plane of the outlet face.

Surface-Mounted — An outlet designed to be surface mounted on a panel or piece of equipment,

Watertight — An outlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water(e.g. IP 55, IP 44).

Weatherproof — An outlet specially constructed so that exposure to weather will not interfere with its operation.

Fluorescent Starters

Automatic Reset — A starter that automatically restarts a new replacement fluorescent lamp after the circuit is energized.

Direct Current — A thermal-type starter designed for use on direct current (DC) circuits.

Glow Discharge — A starter that provides a rapid lamp start-up and will continue to try to start a failed fluorescent lamp, causing the lamp to flicker until it is replaced.

Manual Reset — A starter that automatically deactivates a failed fluorescent lamp to eliminate flickering. A reset button provides a means of activating the circuit after lamp replacement.

Lampholders

Bayonet — Designed for incandescent lamps having an unthreaded metal shell with two diametrically opposite keyways that mate with the keyways on the lampholder. Pushing down on the bulb and turning it clockwise in the lampholder locks the bulb in place.

Candelabra — A small screw-base threaded lampholder designed for candelabra-base incandescent lamps commonly used in chandeliers, night lights, and ornamental lighting.

Circline — A four-contact, double-ended lampholder designed for use with tubular, circular fluorescent lamps.

Compact Fluorescent — A lampholder designed for the Compact Fluorescent Lamps (CFL's) that are increasingly being used to replace incandescent lamps for energy efficiency.

Dimmer — An electronic device with either a round knob, slide lever or finger-tip controlled buttons used to dim/brighten incandescent lighting. Available in a variety of wattages; fluorescent version also available.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Glossary of Electrical Wiring Device Terms

Double-Contact Recessed — Designed for high-output fluorescent lamps.

Edison Base — An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

Electrolier — Similar to the Edison Medium Base lampholder, but with a smaller outer diameter.

Incandescent — Designed for use with all manufactured incandescent lamps, most of which have threaded bases.

Intermediate — A lampholder with a threaded screw shell designed for intermediate base lamps that have a 13/32" threaded base (smaller than the standard 1" dia. medium base). Mostly used in decorative lighting.

Key — A lampholder with a flat or round "key" knob that operates an internal switching mechanism ("Keyless" lampholders do not provide an internal switching mechanism).

Lumiline — A specially designed lampholder for tubular Lumiline-type incandescent lamps, typically used in bathrooms and retail display cases.

Medium Base — Same as the Edison base lampholder. An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

Miniature — Designed for the smallest available incandescent lamps with a screw-in base, approx. 3/8" dia. Widely used in flashlights and toys, etc.

Mogul — The largest screw-in type lampholder, designed for mogul incandescent lamps with a screw base of approx. 1 1/2" dia. Used in street lights and numerous commercial/industrial applications.

Medium Bi-Pin — A fluorescent lampholder with two contacts, used in pairs. For type T-8 tubular fluorescent lamps, approx. 1" in diameter.

Miniature Bi-Pin — Similar to medium bi-pin lampholders, but designed for type T-5 tubular fluorescent lamps, approx. 5/8" in diameter.

Outlet Box — Medium-base incandescent lampholder designed for mounting in 3 1/4" or 4" electrical boxes. Available with or without pull-chain mechanism, and with or without built-in receptacle.

Pull-Chain — An incandescent lampholder with an internal switching mechanism that is activated by pulling down on a beaded chain or cord.

Push-Through — An incandescent lampholder with an insulated lever that

is pushed from either side to activate an internal ON/OFF switching mechanism.

Slimline Single-Pin — A fluorescent lampholder with a single contact designed for Slimline fluorescent lamps such as the T-12 (1 1/2" dia.), T-8 (1" dia.), and the smaller version T-6 (3/4" dia.).

Snap-In — An incandescent or compact fluorescent lampholder with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

Surface-Mounted — A lampholder of any type that mounts on a flat or plane surface.

Plugs

Angle — A plug that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A plug constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A plug designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A plug constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A plug designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These plugs are tested to the Hospital Grade requirements of Underwriter's Laboratories Inc. Standard 498.

Locking — A plug designed to lock into a matching connector or receptacle configuration when the plug is rotated in a clockwise direction. The plug can only be removed by turning it in a counter-clockwise direction.

Midget — A plug designed with a smaller body diameter than standard plugs with a similar rating.

Molded On — A plug that is factory molded to a length of flexible cord.

Pin and Sleeve — A plug with round pin contacts.

Straight Blade — A non-locking plug that is inserted at a right angle to the plane of the matching device face.

Weatherproof — A plug specially constructed so that exposure to weather will not interfere with its operation.

Receptacles

AL/CU — 30A, 50A or 60A receptacles designated for use with aluminum or copper circuit conductors, identified by "AL/CU" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

Clock Hanger — A single, recessed receptacle with a specialized cover plate that provides a hook or other means of supporting a wall clock.

CO/ALR — 15A or 20A receptacles designated for use with aluminum or copper circuit conductors, identified by "CO/ALR" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

Corrosion Resistant — A receptacle constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Display — Receptacle with a special cover plate intended for flush mounting on raised floors or walls.

Duplex — Two receptacles built with a common body and mounting means; accepts two plugs.

Dust Proof — A receptacle designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A receptacle constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Fan Hanger — A single receptacle with a specialized cover plate that provides a hook or other means of supporting a wall fan.

Four-In-One or "Quad" — A receptacle in a common housing that accepts up to four plugs. Four-In-One receptacles can be installed in place of duplex receptacles mounted in a single-gang box, providing a convenient means of adding receptacles without rewiring.

GFCI (Ground Fault Circuit Interrupter) — A receptacle with a built in circuit that will detect leakage current to ground on the load side of the device. When the GFCI detects leakage current to ground, it will interrupt power to the load side of the device, preventing a hazardous ground fault condition. GFCI receptacles must conform to UL Standard 943 Class A requirements, and their use is required by the National Electric Code NFPA-70 in a variety of indoor and outdoor locations.

Hospital Grade — A receptacle designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These receptacles are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Interchangeable — A receptacle or combination of receptacles with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Isolated Ground — Receptacles intended for use in an Isolated Grounding system where the ground path is isolated from the facility grounding system. The grounding connection on these receptacles is isolated from the mounting strap.

Lighted (Illuminated) — A receptacle with a face that becomes illuminated when the device is connected to an energized electrical circuit.

Locking — A receptacle designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Pin and Sleeve — A receptacle with cylindrical sleeve-type contacts.

Safety or Tamper-Resistant — A receptacle specially constructed so that access to its energized contacts is limited. Tamper-resistant receptacles are required by the National Electric Code NFPA-70 in specific pediatric care areas in health care facilities.

Single — A receptacle that accepts only one plug.

Snap-In — A receptacle with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

Split-Circuit — A duplex receptacle that allows each receptacle to be wired to separate circuits. Most duplex receptacles provide break-off tabs that allow them to be converted into split-circuit receptacles.

Straight Blade — A non-locking receptacle into which mating plugs are inserted at a right angle to the plane of the receptacle face.

Surface-Mounted — Any receptacle that mounts on a flat or plane surface.

Surge-Suppression — A receptacle with built-in circuitry designed to protect its load side from high-voltage transients and surges. The circuitry will limit transient voltage peaks to help protect sensitive electronic equipment such as PC's, modems, audio/video equipment, etc.

Triplex — A receptacle with a common mounting means which accepts three plugs.

Weatherproof — A receptacle specially constructed so that exposure to weather will not interfere with its operation.

Switches

AC/DC — A switch designated for use with either Alternating Current (AC) or Direct Current (DC)

AC Only — A switch designated for use with Alternating Current (AC) only.

Dimmer — A switch with electronic circuitry that provides DIM/BRIGHT control of lighting loads.

Door — A momentary contact switch, usually installed on a doorjamb, that is activated when the door is opened or closed.

Double-Pole, Single-Throw (DPST)— A switch that makes or breaks the connection of two circuit conductors in a single branch circuit. This switch has four terminal screws and ON/OFF markings.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Glossary of Electrical Wiring Device Terms

Double-Pole, Double-Throw (DPDT) — A switch that makes or breaks the connection of two conductors to two separate circuits. This switch has six terminal screws and is available in both momentary and maintained contact versions, and may also have a center OFF position.

Feed-Through — An in-line switch that can be attached at any point on a length of flexible cord to provide switching control of attached equipment.

Flush-Mounted — A switch designed for flush installation with the surface of a panel or equipment.

Four-Way — A switch used in conjunction with two 3-Way switches to control a single load (such as a light fixture) from three or more locations. This switch has four terminal screws and no ON/OFF marking.

Horsepower Rated — A switch with a marked horsepower rating, intended for use in switching motor loads.

Interchangeable — A switch or combination of switches with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Lighted Handle — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the OFF position.

Locking — A switch equipped with a locking mechanism that requires a key to operate the switching functions.

Low-Voltage — A switch rated for use on low-voltage circuits of 50 volts or less.

L-Rated — A switch specially designated with the letter "L" in its rating that is rated for controlling tungsten filament lamps on AC circuits only.

Maintained Contact — A switch where the actuator (toggle, rocker, pushbutton or key mechanism) makes and retains circuit contact when moved to the ON position. The contacts will only be opened when the actuator is manually moved to the OFF position. Ordinary light switches are maintained contact switches.

Manual Motor Controller — A switch designed for controlling small DC or AC motor loads, without overload protection.

Mercury — A type of switch that uses mercury as the contact means for making and breaking an electrical circuit.

Momentary Contact — A switch that makes circuit contact only as long as the actuator (toggle, rocker, pushbutton or key mechanism) is held in the ON position, after which it returns automatically to the OFF position. This is a "Normally Open" switch. A "Normally Closed" switch will break circuit contact as long as it is held in the OFF position, and then automatically return to the ON position. Available in "Center OFF" versions with both Momentary ON and Momentary OFF positions.

Pendant — A type of switch designed for installation at the end of a length of portable cord or cable,

Pilot Light — A switch with an integral lamp in its actuator (toggle, rocker or push-button) that illuminates when the switch is connected to an energized circuit and the actuator is in the ON position.

Pull — A switch where the making or breaking of contacts is controlled by pulling downward or outward on the actuator mechanism.

Push Button — A switch with an actuator mechanism that is operated by depressing a button.

Rotary — A switch where rotating the actuator in a clockwise direction makes the circuit connection, and then rotating the actuator in either the same or opposite direction breaks the connection.

Single-Pole, Double-Throw (SPDT) — A switch that makes or breaks the connection of a single conductor with either of two other single conductors. This switch has 3 terminal screws, and is commonly used in pairs and called a "Three-Way" switch.

Single-Pole, Single-Throw (SPST) — A switch that makes or breaks the connection of a single conductor in a single branch circuit. This switch has two screw terminals and ON/OFF designations. It is commonly referred to as a "Single-Pole" Switch.

Slide — A switch with a slide-action actuator for making or breaking circuit contact. Dimmer switches and fan speed controls are also available with slide-action mechanisms for lighting and fan speed control

Surface-Mounted — Any switch that mounts on a flat or plane surface.

Three-Position, Center OFF — A two circuit switch, either maintained or momentary contact, where the OFF position is designated as the center position of the actuator.

Three-Way — A switch, always used in pairs, that controls a single load such as a light fixture from two locations. This switch has three terminal screws and has no ON/OFF marking.

Time Delay — A switch with an integral mechanism or electronic circuit that will automatically switch a load OFF at a predetermined time interval.

Timer — A switch with an integral mechanism or electronic circuit that can be set to switch an electrical load ON at a predetermined time.

Toggle — A switch with a lever-type actuator that makes or breaks switch contact as its position is changed.

T-Rated — A switch specially designated with the letter "T" in its rating that is rated for controlling tungsten filament lamps on direct current (DC) or alternating current (AC) circuits.

Wallplates

Combination — A multiple- gang wallplate with openings in each gang to accommodate different devices.

Decora® — Wallplates with Decora-size openings for compatibility with Leviton's entire line of Decora devices. Available in a variety of multiple-gang configurations. Screwless-design snap-on versions also available.

Flush — A wallplate designed for flush-mounting with wall surfaces or the plane surfaces of electrical equipment.

Gang — A term that describes the number of devices a wallplate is sized to fit (i.e. "2- gang" designates two devices).

Midway — Wallplates that are approx. 3/8" higher and wider than the standard size that can be mounted onto larger volume outlet boxes and/or used to hide wall surface irregularities. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

Oversized — Wallplates that are approx. 3/4" higher and wider than the standard size and are used to conceal greater wall irregularities than those hidden by Midway wallplates. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

Modular — Individual-section wallplates with different openings that can be configured into a multi-gang plate.

Multi-Gang — A wallplate that has two or more gangs.

Tandem — A wallplate with individual gangs arranged vertically one above the other.

Weatherproof (with Cover Closed) — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover closed.

Weatherproof (with Cover Open) — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover open or closed.

Surge Suppression

Clamping Voltage — The peak voltage that can be measured after a Surge Protective Device has limited or "clamped" a transient voltage surge.
Clamping voltage must be determined by using IEEE Standard C62 testing and evaluated by UL Standard 1449.

Joule Rating — The measurement of a Surge Protective Device's ability to absorb heat energy created by transient surges. Note that the Joule rating is not a part of IEEE or UL Standards. It is not as significant a specification as Clamping Voltage, Maximum Surge Current and other parameters recognized by these agencies.

Transient Voltage Surges — High-speed, high-energy electrical disturbances present on AC power lines and data and communication lines, generated by utility switching, motor-load switching and lightning strikes.

Response Time — The interval of time it takes for a surge protective device to react to a transient voltage surge. Note that this parameter is not a part of IEEE or UL Standards and is only based on estimations made by manufacturers.

Surge Protective Device — See "Transient Voltage Surge Suppressor (TVSS)" definition.

Transient Voltage Surge Suppressor (TVSS) — A device designed to protect sensitive electronic equipment such as computers and computer peripherals, logic controls, audio/video equipment and a wide range of microprocessor-based (computer chip) equipment from the harmful effects of transient voltage surges. Also referred to as a Surge Protective Device (SPD).

Maximum (Peak) Surge Current — The peak surge current a Surge Protective Device can withstand, based on IEEE Standard C62.45 test waveforms.

MOV (Metal Oxide Varistor) — The primary component used in most Surge Protective Devices to clamp down transient voltages.

UL 1449 Listing — The industry standard for Surge Protective Devices. A Surge Protective Device must have a UL 1449 Surge Suppression rating on its label in order to verify that the device has been tested with IEEE standardized waveforms. Devices without this identification should not be considered reliable surge protective devices.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Switches

Types of Switches

Switches used in branch circuit wiring are rated in two general categories: AC ONLY and AC/DC. Originally, the electrical power furnished to residences and businesses by utility companies was Direct Current or DC. Because DC current was always flowing at full value, the making or breaking of a circuit created a rather strong arc during switch operation. For this reason, the contacts had to be widely gapped and the operation had to be "quick make, quick break" to avoid excessive pitting or welding of the contact points.

Alternating current operates between zero and full power 120 times per second. Because of the oscillating characteristic of AC power, the arc from an AC circuit is self-extinguishing on the "break" of the current. This means a slower breaking action is possible on an AC switch, as opposed to the breaking action required of a switch made for use with continuous full-power DC. The pulsating nature of AC can, however, cause a "chattering" or very fast series of "makes" and "breaks" if the circuit is closed too quickly. For this reason an AC ONLY switch works with a somewhat slower "fast make" and "break" than an AC/DC switch.

Because the make and break actions of an AC/DC switch must be fast, it can be rather noisy, and must use contact metals capable of enduring such comparatively violent action while still offering acceptable electrical conductivity. An alloy of copper is most often used.

Silver and its oxides are better conductors than copper and its oxides. Silver is much softer than copper and therefore cannot be used in the AC/DC switch. However, silver can be used in the AC ONLY switch because of its gentler "fast make" characteristic, especially when silver is alloyed with cadmium oxide, a good conductor that's quite hard.

Switch Ratings

AC ONLY switches are often called AC Quiet switches because they can be made to operate very quietly, unlike AC/DC switches. AC ONLY switches are rated at their full current value for lighting, including tungsten filament, quartz metal-halide, and fluorescent; and 80% current value or full horsepower rating value for motor (inductive) loads.

AC/DC switches used for incandescent lighting should have a "T" rating (tungsten-filament rating). The "T" rating assures end-users of the longevity of the switch through the surge currents of a "make" action across a tungsten filament. Such capacity is already inherent in the design of AC Quiet switches.

AC/DC switches are rated at only 50% of their current capacity for motor loads. A 20 amp AC/DC switch could be used to control a 10 amp motor load, while a 20 amp AC Quiet switch can operate a 16 amp motor load.

In the past, MERCURY switches were available that operated by making and breaking contact within a hermetically sealed capsule containing a pool of mercury. MERCURY switches were actually silent in operation. However, due to health concerns about mercury, these switches are no longer manufactured and sold. MERCURY switches may still be in service in some installations

Horsepower Ratings

Switches marked with Horsepower (HP) Ratings are suitable for controlling the motor loads of the HP ratings shown on the switch, as well as loads with a lower HP rating.

To qualify for an HP rating, a switch is tested at six times the full motor load current corresponding the HP rating marked on the switch. For DC motor load controllers, the test is made at 10 times the full motor load current corresponding to the DC HP rating marked on the switch. The test is conducted on six samples and consists of 50 On-Off operations at the load. For a 3/4 HP rating at 120/240 VAC, two sets of six samples each are tested in addition to the regular overload endurance, heating and insulation tests. The test circuit characteristics are:

	For 3/4 HP Rating @ 120 VAC	For 3/4 HP @ 240 VAC
Closed Circuit Volts	120 VAC	240 VAC
Current	82.8 amps	41.4 amps
Power-Factor	0.40 – 0.50	0.40 – 0.50

Note: The current at 240 VAC is 1/2 that at 120 VAC

All switches must be in good operating condition after the tests have been completed. There must be no excessive arcing, welding or burning of the contacts nor arc-over to ground (the switch frames are grounded during the Stalled Rotor Test).

Dimmers

A common misconception about box-mounted dimmers is that they are simply variable resistors (rheostats) that absorb power to dim the lights. In fact, a rheostat would be too bulky, inefficient and heat producing to ever be practical as a wall-mounted dimmer. In the 1950's, the advent of solid state technology and a type of semi-conductor called the TRIAC fostered the development of full-range dimmers and fan speed controls that were versatile, efficient and compact enough to fit in a standard wallbox.

Leviton has always taken an active role in the development lighting control technologies. Leviton introduced the Trimatron™ Rotary Dimmer that was only half as deep as conventional dimmers, allowing easier installation and wiring in a crowded wallbox. Today, Leviton offers innovative all-digital lighting controls that feature scene lighting and multi-location control capabilities for sophisticated residential and commercial installations. Leviton's complete line of controls for incandescent, low-voltage and fluorescent lighting includes Decora-style and architectural specification grade devices, as well as traditional rotary devices. There is also a wide selection of Fan Speed Controls

See Section O for information on Leviton's comprehensive line of Lighting and Fan Speed Controls.

Receptacles

Types of Receptacles

Receptacles generally are made to accommodate either of two types of plugs. *Straight-Blade* plugs are pushed in and pulled straight out. *Locking* plugs are pushed in and rotated slightly in a clockwise direction to a position were they cannot be pulled straight out. They must be rotated counterclockwise back to the insertion position in order to be withdrawn. This locking action is intended to prevent accidental disconnection of the circuit by pulling the plug straight out unintentionally.

Grounding

Originally, residential electrical circuitry was "2-pole, 2-wire" and did not have an equipment grounding means at the receptacle. The only grounding point was at the service entrance, where the neutral (white) conductor was grounded. The receptacle slot for the neutral wire, according to NEMA configuration 1-15R, must be longer than the slot for the phase or hot wire (typically black or red). This enables certain items of equipment, like TV sets and home appliances, to have their external metal parts or casing grounded through the white neutral connection. Such equipment uses a polarized plug where the neutral plug blade is wider than the hot plug blade, ensuring that it mates properly with the NEMA 1-15R configuration receptacle. Receptacles designed for 2-pole, 2-wire circuits do not have mounting straps that are connected to a grounding terminal. Leviton still offers 2-pole, 2-wire receptacles for replacement use only in existing non-grounding systems.

Experience proved that a single grounding point through the neutral conductor was not sufficiently safe. Conditions could occur where fault currents and differences in potential lead to shocks, overheating, equipment burnout and fire. Therefore, the 2-pole, 3-wire circuit was developed. A third conductor, called the grounding conductor, does not carry current during normal circuit operation. It is connected to the neutral bus bar at the service entrance and runs along with the current-carrying neutral and hot conductors .The grounding conductor is connected only to outlet boxes, chassis and other non-current carrying components that may carry current in case of damage or defects in the wiring system. It is sometimes referred to as the "equipment grounding conductor."

The grounding contacts on the 2-pole, 3-wire receptacles are most commonly shaped like a "U", which is how the term "U-ground" evolved. The grounding contacts on these receptacles are securely fastened to the mounting strap. In Leviton receptacles, the grounding contacts are permanently riveted to the mounting strap, and in most Leviton Hospital Grade and Industrial Grade receptacles they are an integral part of the strap. Many Leviton receptacles offer dual ground connection options to help ensure that the receptacle is properly connected to the grounding system: An integral green grounding screw for direct connection to the green or bare grounding wire, and a patented Groundamatic® self-grounding clip riveted to the strap to provide automatic ground connection when the receptacle is mounted in a properly grounded metal wallbox.

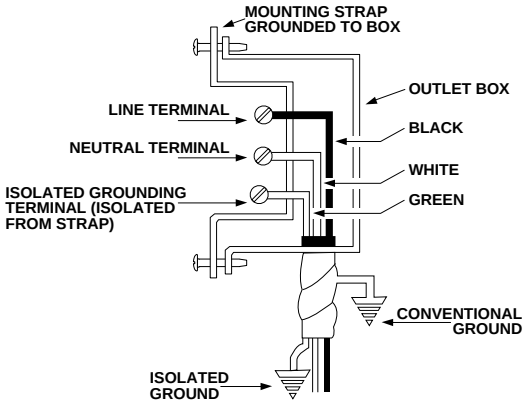
Isolated-Ground Receptacles

Although the conventional grounding system provides safety for personnel and equipment, it may be a source of electrical interference that can cause problems in modern electronic equipment. Because the conventional grounding network runs through an entire facility, it can unintentionally function as a pick-up of transient electrical signals or "noise." These transient signals will then be introduced to equipment through the ground connection. Microprocessor-based equipment, including computers, cash

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

registers, medical equipment and audio/video equipment, may malfunction as a result of this noise.

Isolated-Grounding Receptacles can help eliminate problems caused by electrical interference in a conventional ground system. The ground contacts on Isolated-Ground Receptacles are electrically isolated from the mounting strap and therefore they are isolated from the conventional ground system. The green ground screw is connected to a pure ground path that is separate from a facility's grounding network. The isolated ground network is relatively free of electrical noise because it is not a facility-wide grounding path and it's connected to ground at a single point.



ISOLATED-GROUNDING RECEPTACLES

Mounting Straps

There are basically two kinds of mounting straps for receptacles. The "through" type passes between the receptacle body and cover. The "wrap-around" type acts as a cradle for the receptacle, surrounding its side, ends and bottom surfaces.

Power Contact Design

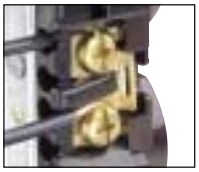
The "contact" does more than make contact with the plug blade — It must grip the plug blade for maximum electrical conductivity and mechanical strength. Leviton receptacles feature double-wipe contacts that grip both sides of each blade, including the U-ground contacts that are often single-wipe in receptacles made by other manufacturers. Leviton Hospital Grade and Industrial Grade receptacles feature triple-wipe contacts for added strength and durability in high-abuse applications. Leviton contacts are made of the copper alloys that offer maximum strength and electrical conductivity.

Wiring of Leviton Receptacles

Side Wiring
Loop wire around terminal screw. Screw head locks wire against terminal. For copper or copper/clad aluminum conductors.

Quickwire™ Connection
Insert wire into wire well. Wire is automatically clamped by spring action, insuring good electrical connection. For copper conductors only.

Quickwire™ and Screw
Option of (1) side wiring or (2) Quickwire connection. NOTE: For continuous wiring, both sets of terminals (screw and Quickwire) can be used together.



Back & Side Wiring
Option of (1) side wiring or (2) back wiring: Insert wire into well. Tighten screw, thus clamping wire against terminal. Back wiring for copper or copper/clad aluminum conductors.

Two-Circuit Conversion
To power each outlet of a duplex receptacle separately, simply break off the tab between the two terminals.

Ground Fault Circuit Interrupters (GFCI's)

The Need for Ground Fault Protection

Circuit breakers and fuses protect equipment and building structures from overheating and fire caused by short circuits and high-current overloads. However, the current level needed to trip a breaker is many times greater than the amount of current needed to deliver a powerful, and possibly lethal electrical shock. For example, the hot conductor in an electrical device can become exposed through a break in its insulation, and it may end up touching the device's metal enclosure. The leakage current that now flows through the metal enclosure will be conducted to ground through any available path — including the body of a human being that happens to touch the faulty device. This condition is called a Ground Fault, and the current flowing through the person to ground can be life threatening, though there is usually nowhere near enough current to trip a circuit breaker.

How a GFCI Works

When there is a ground fault condition, all of the current flowing through the "hot" conductor is not returning through the neutral conductor. A Ground Fault Circuit Interrupter (GFCI) monitors the difference in current flow between hot and neutral conductors. If the GFCI senses even a very tiny difference in current flow between the conductors (a ground fault), it interrupts the flow of electrical current through the device by opening its internal double-pole contacts. According to UL Standard 943 Class A, the GFCI must trip when there is a ground fault of 5 milliamps (±1mA). The GFCI must also trip within approximately 25 milliseconds.

GFCI receptacles are rated for 15 or 20 amp circuits. They are used in place of standard box-mounted duplex receptacles. GFCI receptacles can also be feed-through wired to provide ground fault protection to feed-through wired receptacles downstream. Leviton GFCI receptacles feature back and side wire options for maximum wiring versatility, with eight back-wire holes for ease of feed-through wiring.

See Section F for information on Leviton's comprehensive line of Ground Fault Circuit Interrupter Devices.

New UL 2003 Code Requirements

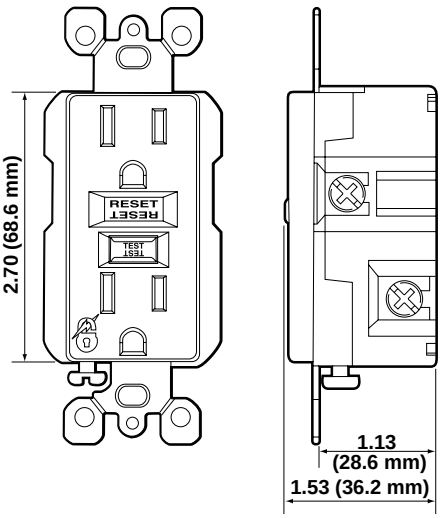
UL issued new GFCI requirements, effective January 1, 2003, which include the following provisions:

- Increased surge immunity
- Increased corrosion resistance
- Increased resistance to electrical noise (false tripping)
- Diagnostic indication for miswiring (line/load reversal)

Note that the National Electrical Code strongly recommends monthly testing of all GFCIs.

Leviton SmartLock® GFCI with Lockout Action

The TEST and RESET functions on Leviton's SmartLock GFCI work together so that a tripped GFCI cannot be reset if the GFCI circuit is no longer providing ground fault protection. The RESET button is blocked if GFCI protection has been compromised, eliminating the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it actually is not.



SmartLock™ GFCI RECEPTACLE
No. 8599 Series

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Enclosure Type Designations

Enclosures serve the dual purpose of protecting personnel from incidental contact with the enclosed electrical equipment and protecting the enclosed equipment against specified environmental conditions. Enclosures are rated for use in specific environmental conditions by NEMA, UL, CSA and the IEC. The major rating systems used are the NEMA Type Numbers and the IEC Enclosure Classification Designation.

The IEC Enclosure Classification Designation — IP Suitability Ratings

The IP Suitability Ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. Note that the rating will ONLY apply to properly installed equipment. The chart below defines the numerals in the IP Code.

1. The First Numeral indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects
2. The Second Numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water.

ELEMENTS OF THE IP CODE

Meaning for the Protection of Equipment		
Code Letters	**First Number**	**Second Number**
Ingress Protection	**Against Ingress of Solid Foreign Objects**	**Against Ingress of Water with Harmful Effects**
IP	O – Non protected	O – Non protected
	1 – ≥ 50 mm diameter	1 – Vertically dripping
	2 – ≥ 12.5 mm diameter	2 – Dripping (15 °tilted)
	3 – ≥ 2.5 mm diameter	3 – Spraying
	4 – ≥1.0 mm	4 – Splashing
	5 – Dust-protected	5 – Jetting
	6 – Dust-tight	6 – Power jetting
		7 – Temporary immersion
		8 – Continuous immersion

Note: > denotes greater than or equal to.

Example: IP 54 Suitability Rating = Ingress Protection/Dust-protected/Splashing

Enclosure Types for Non-Hazardous Locations

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
	An enclosure is a surrounding case constructed to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection to enclosed equipment against the specified environmental conditions. .
Type 1	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and damage from external ice formation.

UNDERWRITERS LABORATORIES INC.

UL50
Standard for Enclosures for Electrical Equipment (10th Edition)

Type Designation	Intended Use and Description
	Enclosure — A surrounding case constructed to provide a degree of protection against incidental contact with the enclosed equipment and to provide a degree of protection to the enclosed equipment against specified environmental conditions. A complete enclosure shall be provided for all live parts that may be housed in it. The enclosure shall be tight and, unless designed for a specific installation, such as a cast metal junction or pull box intended to be installed in poured concrete, shall be provided with means for mounting.
Type 1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and damage from external ice formation.

CANADIAN STANDARDS ASSOCIATION

CAN/ CSA C22.2 No. 94-M91
Special Purposes Enclosures

Type Designation	Intended Use and Description
	Enclosures — provide a degree of protection against accidental contact with the enclosed equipment, and to the enclosed equipment against specified environmental conditions
	No CSA equivalent.
Type 2	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of noncorrosive liquids, and falling dirt.
Type 3	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosures.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Enclosure Types for Non-Hazardous Locations

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
Type 3R	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
Type 4	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
Type 4X	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose directed water, and damage from external ice formation.
Type 5	Enclosures are intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
Type 6	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
Type 6P	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
Type 12	Enclosures are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 12K	Enclosures with knockouts are intended for indoor use primarily to provide a degree of protection against circulating dust, fallling dirt, and dripping noncorrosive liquids.
Type 13	Enclosures are intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolants.

UNDERWRITERS LABORATORIES INC.

UL50
Standard for Enclosures for Electrical Equipment (10th Edition)

Type Designation	Intended Use and Description
Type 3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
Type 4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
Type 4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water and damage from external ice formation.
Type 5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
Type 6	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
Type 6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
Type 12	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
Type 13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorosive coolant.

CANADIAN STANDARDS ASSOCIATION

CAN/ CSA C22.2 No. 94-M91
Special Purposes Enclosures

Type Designation	Intended Use and Description
Type 3R	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosure.
Type 3S	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow and windblown dust, the external mechanism(s) remain operable while ice covered.
Type 4	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
Type 4X	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
Type 5	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of noncorrosive liquids and settling dust, lint, fibers, and flyings.
Type 6	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against the entry of water during occasional temporary submersion at a limited depth; undamaged by the external formation of ice on the enclosure.
Type 6P	An enclosure for either indoor or outdoor use, constructed so as to provide a degrer of protection against the entry of water during prolonged submersion at a limited depth; undamaged by the external formation of ice on the enclosure; resists extended corrosion.
Type 12	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of noncorrosive liquids; not provided with knockouts.
Type 12K	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of noncorrosive liquids; and provided with knockouts.
Type 13	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; seepage and spraying of noncorrosive liquids including oils and coolants.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

NEMA and IEC Enclosure Classifications

Comparing NEMA Enclosure Type Numbers and IEC Enclosure Classification Designations (IP Suitability Rating)

IEC

IEC Publication 529, "Classification of Degrees of Protection Provided by Enclosures", defines the IP (Ingress Protection) Suitability Rating. The IP Suitability Rating is a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. The first numeral of the code indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects. The second numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water. For a more detailed explanation of the IP Suitability Code, refer to page U-12.

The IP Suitability Rating defined by IEC 529 does not specify any degree of protection against mechanical damage of equipment, risk of explosions, or conditions such as moisture (i.e. condensation), corrosive vapors, fungus, or vermin.

NEMA

NEMA Standards Publication 250 defines the NEMA Enclosure Type Numbers. Unlike the IEC Enclosure Classification Designations, NEMA Standards Publication 250 does tests for environmental condition such as corrosion, rust, icing, oil and coolants. For this reason and because the tests and evaluations for other characteristics are not identical, the IEC Enclosure Classification Designations cannot be exactly equated with NEMA Enclosure Type Numbers.

The table below provides an equivalent conversion from NEMA Enclosure Type Numbers to IEC Enclosure Classification Designations. Note that the NEMA Types meet or exceed the test requirements for the associated IEC Classifications. Therefore, this table cannot be used to convert from IEC Classifications to NEMA Types.

Converting NEMA Type Numbers to IEC Classification Designations

(**Note:** This table cannot be used to convert IEC classification designations to NEMA type numbers)

NEMA Enclosure Type Number	Equivalent IEC Enclosure Classification Designation
1	IP10
2	IP11
3	IP54
3R	IP14
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

Materials Used in Wiring Devices

The following is an overview of the materials commonly used in wiring devices. Note that specific brand names of materials used in Leviton devices are subject to change due to a variety of factors. These changes will never compromise the quality, performance and durability features of our wiring devices. Leviton is committed to maintaining the positive qualities of the materials being replaced and choosing new materials with superior qualities as they become available.

Brass

The type of brass commonly used in wiring devices is referred to as standard or "70/30" brass. It is an alloy of 70% copper and 30% zinc that provides the strength and conductivity needed for power and ground contacts, wiring terminals and terminal screws. It is also used for some mounting straps and wallplates.

The Olin Corporation offers a series of alloys sometimes referred to as High Performance Brass or "Olin Brass." Olin brass is a copper alloy consisting of more than 90% copper. It is more resilient than 70/30 brass and used by Leviton to form the power contacts in some Industrial Grade and Hospital Grade devices.

Phosphor Bronze

Phosphor Bronze, an alloy of copper and tin, is superior in strength to 70/30 brass. The advantage of using phosphor bronze parts is that they can be thinner than comparable parts made of standard brass without any loss in strength. For example, Leviton uses a phosphor bronze alloy of 95% copper and 5% tin to form power contacts in some Industrial Grade receptacles. Phosphor bronze power contacts at .031" outperform brass power contacts of a thicker gauge.

Beryllium Copper

An alloy of copper and .5% beryllium is used to form some of the components in Leviton Industrial Grade devices. Beryllium Copper provides excellent strength, durability, electrical conductivity. It also retains its resiliency at elevated temperatures. These properties make Beryllium Copper ideal for the contact arm in heavy-duty switches.

Silver-Cadmium Oxide

Although pure silver is an excellent conductor (superior to copper), it cannot be used for switch contacts. Over time, arcing caused by actuation would weld the silver contacts together. Silver-cadmium oxide, an alloy of 90% silver and 10% cadmium oxide, is widely used by Leviton to form switch contacts. Microscopic particles of cadmium oxide in the silver will decompose due to the heat buildup, preventing the contacts from welding together.

Zinc-Plated Steel

In additon to being strong and durable, zinc-plated steel provides a higher degree of corrosion resistance than standard cold-rolled steel. Leviton uses zinc-plated steel mounting straps in many of their devices. Leviton also offers zinc-plated steel wallplates for power receptacles, available with either a brass or aluminum finish.

Nickel-Plated Metals

Nickel-plating adds a high degree of corrosion resistance to either brass or steel. All the metal parts in Leviton Corrosion Resistant devices (blades, contacts, terminals, mounting straps and screws) are nickel-plated for maximum corrosion resistance. In some cases, cupronickel screws are used, which provide a high degree of corrosion resistance.

Leviton uses an electroless nickel-plating process. The standard plating process uses an electrical charge to coat the metal with nickel. This can produce uneven results, leaving some areas of the metal more coated than others. The more effective electroless process involves submerging the metal in a chemical bath where salts decompose and deposit nickel on the metal substrate. Every surface of the metal is evenly coated. Leviton uses this electroless process to ensure that their Corrosion Resistant wiring devices provide maximum performance in extremely damp and corrosive environments.

Stainless Steel

Type 430 Standard Stainless Steel

Type 430 stainless steel is resistant to the corrosive effects of moisture. Leviton offers a wide selection of wallplates made from this material. Leviton's Raintight-While-In -Use Covers are supplied with stainless-steel mounting screws to help ensure a long service life in wet applications. Note that Type 430 Stainless Steel does have magnetic properties that may interfere with magnetic-sensitive equipment.

Type 302/304 Non-Magnetic Stainless Steel

Type 302/304 Non-Magnetic Stainless Steel is suitable for applications where sensitive equipment may be affected by magnetic material. For example, navigational equipment in marine applications and MRI equipment in health care environments are susceptible to magnetic interference. In addition to being non-magnetic, Type 302/304 stainless Steel is more corrosion resistant than Type 430 stainless steel. Types 302 and 304 differ in composition, but there is virtually no difference between them in terms of non-magnetic and corrosion-resistant properties.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Leviton offers a complete selection of wallplates made of Type 302/304 Non-Magnetic Stainless Steel. These wallplates are ideal for any application where magnetic interference must be avoided. Leviton's Corrosion Resistant wiring devices feature non-magnetic stainless steel assembly screws to ensure their suitability in marine applications. For health care applications where non-magnetic devices are desired, Leviton's Corrosion Resistant devices should also be used.

CO/ALR Devices

Aluminum is used for residential wiring in Europe because it is a good conductor and considerably cheaper than copper. Houses with aluminum wiring were built in the United States, but the practice stopped at least twenty years ago. It was discovered that poor connections between aluminum wire and steel or brass terminal screws led to serious fires. There are still homes with aluminum wiring, and the National Electrical Code stipulates that only CO/ALR devices are to be used in these applications.

Aluminum wire tends to oxidize over time, and the oxide layer does not conduct electricity. This results in a poor connection with the wiring device terminal screws, particularly if they are steel. The connections gradually heat up to the point where fires are started inside the walls. For this reason, all standard wiring devices contain the warning, "For use with copper or copper-clad wire ONLY. Do not use with aluminum wire." The only exception to this are CO/ALR wiring devices.

Leviton offers a selection of CO/ALR devices for use with aluminum wire. In CO/ALR devices, the terminal screws are plating with the element Indium. Indium is an extremely soft metal that forms a gas-sealed connection with the aluminum wire, eliminating problems caused by oxidation.

Thermoset and Thermoplastic Material

There are significant benefits in using thermoplastics in wiring devices instead of thermosets. Each type of thermoplastic also has particular characteristics that may make it ideally suited for a specific application.

Thermosets

Thermoset components are manufactured by compression molding, where powdered material is molded by heat and pressure. Thermoset materials cannot be remolded. The major types of thermoset materials are Phenolic, Urea and Melamine. Phenolic is primarily used for dark colors, while Urea is used for lighter colors.

All thermoset materials provide dimensional stability when used in wiring devices. Phenolic is also a flame-resistant material. Thermosets do not provide a high degree of resistance to impacts, chemicals and solvents, and therefore they are not suitable for heavy-duty applications. Thermosets are not used in Leviton Industrial Grade devices. Urea is still widely used to manufacture wallplates.

Thermoplastics

Thermoplastic components are manufactured by injection molding where pellets of the material are heated to a liquid which can flow into a mold. Unlike thermosets, thermoplastics can be remolded. These materials are the preferred choice for heavy-duty applications because they provide superior resistance to impacts, chemicals and solvents compared to thermosets. The following is a list of the major types of thermoplastic materials, along with some well-known brand names.

- Nylon: Zytel® 101 Type 66 and Zytel Supertough ST 801 Type66
- Polycarbonate: Lexan®, Calibre®, Makrolon®
- Polyester: Valox®, Rynite®
- ABS
- Acrylic
- Polypropylene

Zytel® and Rynite® are registeredtrademaks of the Dupont Co.
Lexan® and Valox® are registeredtrademaks of the General Electric Co.
Calibre® is a registered trademark of the Dow Chemical Co.
Makrolon® is a registered trademark of Bayer, Inc.

*Chemical Resistance of Materials Commonly Used in Wiring Devices**

CHEMICALS	Nylon	Melamine	Phenolic	Urea	Polyvinyl Chloride	Poly-carbonate	Rubber	Polyester	Poly-propylene
Acids	C	B	B	B	A	B	B	A	A
Alcohol	A	A	A	A	A	A	B	A	A
Caustic Bases	A	B	B	B	A	C	C	B	A
Gasoline	A	B	A	C	A	B	B	A	A
Grease	A	A	A	A	A	B	B	A	A
Kerosene	A	A	A	A	A	B	A	A	A
Oil	A	A	A	A	A	B	A	A	A
Solvents	A	A	A	A	C	C	C	B	B
Water	A	A	A	A	A	A	B	A	A

A – Completely resistant — Good to excellent for general use.
B – Resistance is fair to good — Recommended for limited service.
C – Slow attack. No recommended for use.
***This chemical resistance code applies to general applications. Additonal testing is performed to determine resistivity to chemicals in specific environments.

Thermoplastic Enhancements

UV Stability

Thermoplastics provide varying degrees of UV (Ultraviolet Light) stability. For example, standard grade nylon will lose tensile strength and durability when exposed to sunlight and weathering. Discoloring will also occur. There are additives that will increase the UV stability of thermoplastics. UV Stabilized thermoplastics should be used when a device is intended for extensive outdoor use. For example, Leviton uses UV- stabilized Lexan in their Raintight-While-In-Use Cover, with excellent results.

Glass-Reinforced Thermoplastics

Several types of thermoplastics are available in glass-reinforced versions, including Rynite®, Lexan®, Valox® and nylon. Glass reinforcement increases the rigidity of the material and also raises the operating temperature. For example, Leviton Momentary and Maintained Contact Switches feature glass-reinforced thermoplastic construction, making these switches ideally suited for rugged applications.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

ANSI Architectural Symbols

1. LIGHTING OUTLETS

	Ceiling	Wall
1.1	Surface or Pendant Incandescent, Mercury-Vapor, or Similar Lamp Fixture	
1.2	Recessed Incandescent, Mercury-Vapor, or Similar Lamp Fixture	
1.3	Surface or Pendant Individual Fluorescent Fixture	
1.4	Recessed Individual Fluorescent Fixture	
1.5	Surface or Pendant Continuous Row Fluorescent Fixture	
1.6	Recessed Continuous Row Fluorescent Fixture	
1.7	Bare-Lamp Fluorescent Strip	
1.8	Surface or Pendant Exit Light	
1.9	Recessed Exit Light	
1.10	Blanket Outlet	
1.11	Junction Box	
1.12	Outlet Controlled by Low-Voltage Switching when Relay is Installed in Outlet Box	

2. RECEPTACLE OUTLETS

	Grounded	Ungrounded
2.1	Single Receptacle Outlet	
2.2	Duplex Receptacle Outlet	
2.3	Triplex Receptacle Outlet	
2.4	Quadruplex Receptacle Outlet	
2.5	Duplex Receptacle Outlet — Split Wired	
2.6	Triplex Receptacle Outlet — Split Wired	
2.7	Single Special-Purpose Receptacle Outlet	
2.8	Duplex Special-Purpose Receptacle Outlet	
2.9	Range Outlet (typical)	
2.10	Special Purpose Connection or Provision for Connection	
2.11	Multi-outlet assembly	
2.12	Clock Hanger Receptacle	
2.13	Fan Hanger Receptacle	
2.14	Floor Single Receptacle Outlet	
2.15	Floor Duplex Receptacle Outlet	
2.16	Floor Special-Purpose Outlet	

3. SWITCH OUTLETS

- 3.1 Single-Pole Switch **S**
- 3.2 Double-Pole Switch **S2**
- 3.3 Three-Way Switch **S3**
- 3.4 Four-Way Switch **S4**
- 3.5 Key-Operated Switch **SK**
- 3.6 Switch and Pilot Lamp **SP**
- 3.7 Switch for Low-Voltage switching System **SL**
- 3.8 Maser Switch for Low-Voltage Switching System **SLM**
- 3.9 Switch and Single Receptacle
- 3.10 Switch and Double Receptacle
- 3.11 Door Switch **SD**
- 3.12 Time Switch **ST**
- 3.13 Circuit Breaker Switch **SCB**
- 3.14 Momentary Contact Switch or Pushbutton for Other Than Signaling System **SMC**
- 3.15 Ceiling Pull Switch

4. RESIDENTIAL OCCUPANCIES

- 4.1 Pushbutton
- 4.2 Buzzer
- 4.3 Bell
- 4.4 Combination Bell-Buzzer
- 4.5 Chime
- 4.6 Annunciator

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

NEMA Straight Blade Configurations

NEMA CONFIGURATIONS FOR GENERAL-PURPOSE NONLOCKING PLUGS AND RECEPTACLES

WIRING / VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	1	1-15R	1-15P								
	250V	2		2-15P	2-20R	2-20P	2-30R	2-30P				
	277V AC	3				RESERVED FOR FUTURE CONFIGURATIONS						
	600V	4				RESERVED FOR FUTURE CONFIGURATIONS						
2-POLE 3-WIRE GROUNDING	125V	5	5-15R	5-15P	5-20R	5-20P	5-30R	5-30P	5-50R	5-50P		
	250V	6	6-15R	6-15P	6-20R	6-20P	6-30R	6-30P	6-50R	6-50P		
	277V AC	7	7-15R	7-15P	7-20R	7-20P	7-30R	7-30P	7-50R	7-50P		
	347V AC	24	24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	24-50P		
	480V AC	8				RESERVED FOR FUTURE CONFIGURATIONS						
	600V	9				RESERVED FOR FUTURE CONFIGURATIONS						
3-POLE 3-WIRE	125/250V	10			10-20R	10-20P	10-30R	10-30P	10-50R	10-50P		
	3Ø 250V	11	11-15R	11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P		
	3Ø 480V	12				RESERVED FOR FUTURE CONFIGURATIONS						
	3Ø 600V	13				RESERVED FOR FUTURE CONFIGURATIONS						
3-POLE 4-WIRE GROUNDING	125/250V	14	14-15R	14-15P	14-20R	14-20P	14-30R	14-30P	14-50R	14-50P	14-60R	14-60P
	3Ø 250V	15	15-15R	15-15P	15-20R	15-20P	15-30R	15-30P	15-50R	15-50P	15-60R	15-60P
	3Ø 480V	16				RESERVED FOR FUTURE CONFIGURATIONS						
	3Ø 600V	17				RESERVED FOR FUTURE CONFIGURATIONS						
4-POLE 4-WIRE	3ØY 120/208V	18	18-15R	18-15P	18-20R	18-20P	18-30R	18-30P	18-50R	18-50P	18-60R	18-60P
	3ØY 277/480V	19				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 347/600V	20				RESERVED FOR FUTURE CONFIGURATIONS						
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	21				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 277/480V	22				RESERVED FOR FUTURE CONFIGURATIONS						
	3ØY 347/600V	23				RESERVED FOR FUTURE CONFIGURATIONS						

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

NEMA Locking Configurations

NEMA CONFIGURATIONS FOR LOCKING TYPE PLUGS AND RECEPTACLES

WIRING / VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	L1	L1-15R	L1-15P				
	250V	L2			L2-20R	L2-20P		
	277V AC	L3			RESERVED FOR FUTURE CONFIGURATIONS			
	600V	L4			RESERVED FOR FUTURE CONFIGURATIONS			
2-POLE 3-WIRE GROUNDING	125V	L5	L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P
	250V	L6	L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P
	277V AC	L7	L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P
	347V AC	L24			L24-20R	L24-20P		
	480V AC	L8			L8-20R	L8-20P	L8-30R	L8-30P
	600V AC	L9			L9-20R	L9-20P	L9-30R	L9-30P
3-POLE 3-WIRE	125/250V	L10			L10-20R	L10-20P	L10-30R	L10-30P
	3Ø 250V	L11	L11-15R	L11-15P	L11-20R	L11-20P	L11-30R	L11-30P
	3Ø 480V	L12			L12-20R	L12-20P	L12-30R	L12-30P
	3Ø 600V	L13					L13-30R	L13-30P
3-POLE 4-WIRE GROUNDING	125/250V	L14			L14-20R	L14-20P	L14-30R	L14-30P
	3Ø 250V	L15			L15-20R	L15-20P	L15-30R	L15-30P
	3Ø 480V	L16			L16-20R	L16-20P	L16-30R	L16-30P
	3Ø 600V	L17					L17-30R	L17-30P
4-POLE 4-WIRE	3ØY 120/208V	L18			L18-20R	L18-20P	L18-30R	L18-30P
	3ØY 277/480V	L19			L19-20R	L19-20P	L19-30R	L19-30P
	3ØY 347/600V	L20			L20-20R	L20-20P	L20-30R	L20-30P
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21			L21-20R	L21-20P	L21-30R	L21-30P
	3ØY 277/480V	L22			L22-20R	L22-20P	L22-30R	L22-30P
	3ØY 347/600V	L23			L23-20R	L23-20P	L23-30R	L23-30P

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Horsepower Ratings for NEMA Configurations — for Plugs and Receptacles Only

STRAIGHT BLADE CONFIGURATIONS

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V AC Only
7-20	2	20A-277V AC Only
7-30	3	30A-277 V AC Only
7-50	5	50A-277V AC Only
10-20	2 L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-250V 3Ø
11-20	3	20A-250V 3Ø
11-30	3	30A-250V 3Ø
11-50	7.5	50A-250V 3Ø
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-250V 3Ø
15-20	3	20A-250V 3Ø
15-30	3	30A-250V 3Ø
15-50	7.5	50A-250V 3Ø
15-60	10	60A-250V 3Ø
18-15	2	15A-120/208V 3ØY
18-20	2	20A-120/208V 3ØY
18-30	3	30A-120/208V 3ØY
18-50	7.5	50A-120/208V 3ØY
18-60	7.5	60A-120/208V 3ØY

L-L Denotes phase-to-phase HP rating
L-N Denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

LOCKING CONFIGURATIONS

NEMA	AC HP Rating	Rating
L1-15	0.5	15A-125V
L2-20	2*	20A-250V
L5-15	0.5	15A-125V
L5-20	1	20A-125V
L5-30	2	30A-125V
L6-15	1.5*	15A-250V
L6-20	2*	20A-250V
L6-30	2*	30A-250V
L7-15	2	15A-277V AC Only
L7-20	2	20A-277V AC Only
L7-30	3	30A-277V AC Only
L8-20	3	20A-480V AC Only
L8-30	5	30A-480V AC Only
L9-20	NA	20A-600V AC Only
L9-30	NA	30A-600V AC Only
L10-20	2 L-L*/1 L-N	20A-125/250V
L10-30	2 L-L*/2 L-N	30A-125/250V
L11-15	2	15A-250V 3Ø
L11-20	3	20A-250V 3Ø
L11-30	3	30A-250V 3Ø
L12-20	5	20A-480V 3Ø
L12-30	10	30A-480V 3Ø
L13-30	NA	30A-600V 3Ø
L14-20	2 L-L*/1 L-N	20A-125/250V
L14-30	2 L-L*/2 L-N	30A-125/250V
L15-20	3	20A-250V 3Ø
L15-30	3	30A-250V 3Ø
L16-20	5	20A-480V 3Ø
L16-30	10	30A-480V 3Ø
L17-30	NA	30A-600V 3Ø
L18-20	2	20A-120/208V 3ØY
L18-30	3	30A-120/208V 3ØY
L19-20	5	20A-277/480V 3ØY
L19-30	10	30A-277/480V 3ØY
L20-20	NA	20A-347/600V 3ØY
L20-30	NA	30A-347/600V 3ØY
L21-20	2	20A-120/208V 3ØY
L21-30	3	30A-120/208V 3ØY
L22-20	5	20A-277/480V 3ØY
L22-30	10	30A-277/480V 3ØY
L23-20	NA	20A-347/600V 3ØY

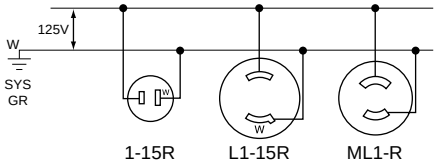
L-L Denotes phase-to-phase HP rating
L-N Denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

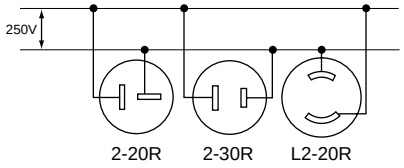
Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

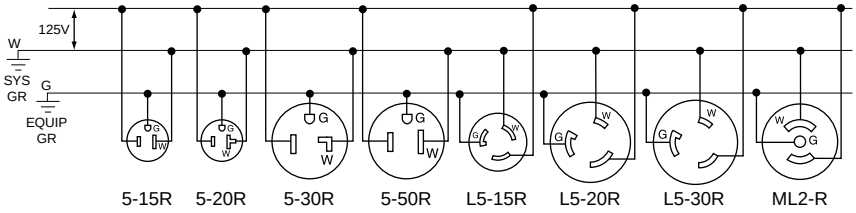
125V — 2-POLE, 2-WIRE



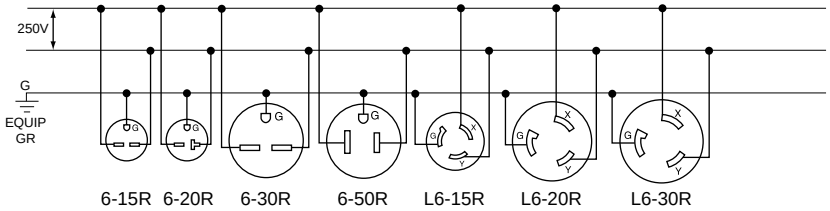
250V — 2-POLE, 2-WIRE



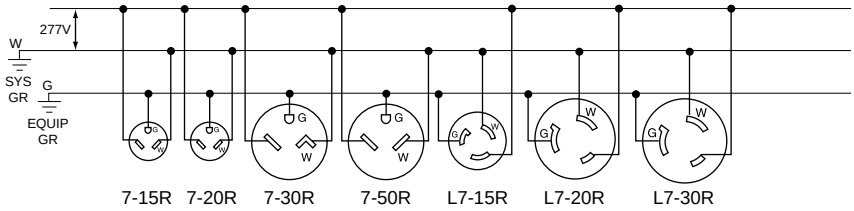
125V — 2-POLE, 3-WIRE GROUNDING



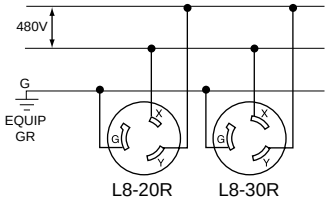
250V — 2-POLE, 3-WIRE GROUNDING



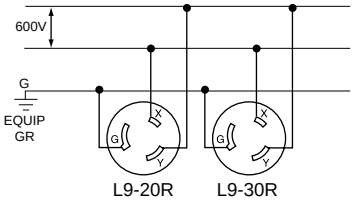
277V AC — 2-POLE, 3-WIRE GROUNDING



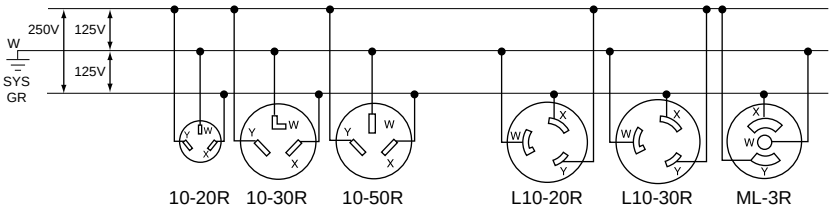
480V AC — 2-POLE, 3-WIRE GROUNDING



600V AC — 2-POLE, 3-WIRE GROUNDING



125/250V — 3-POLE, 3-WIRE

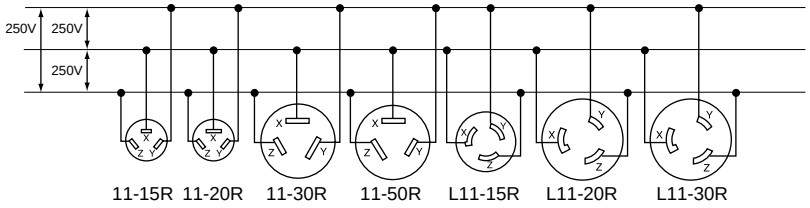


Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Circuit Wiring Diagrams

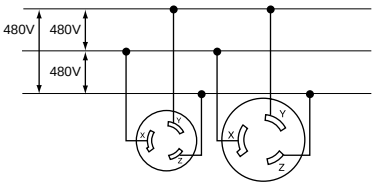
WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

3Ø 250V — 3-POLE, 3-WIRE



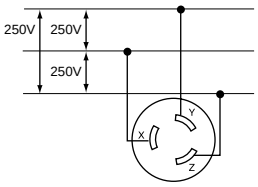
11-15R 11-20R 11-30R 11-50R L11-15R L11-20R L11-30R

3Ø 480V — 3-POLE, 3-WIRE



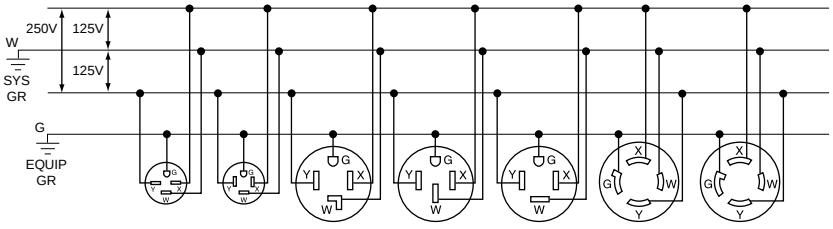
L12-20R L12-30R

3Ø 600V — 3-POLE, 3-WIRE



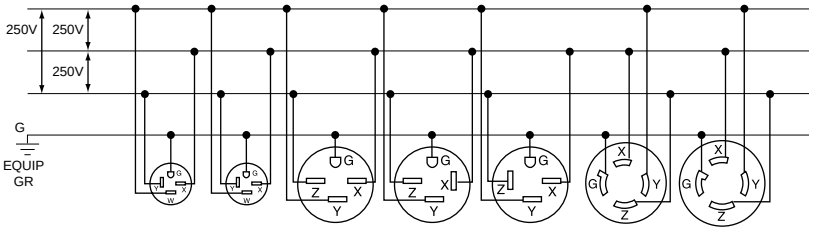
L13-30R

125/250V — 3-POLE, 4-WIRE GROUNDING



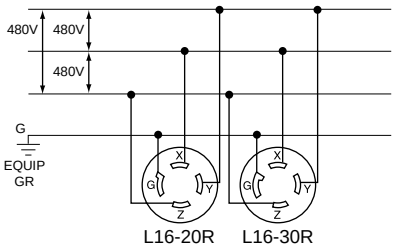
14-15R 14-20R 14-30R 14-50R 14-60R L14-20R L14-30R

3Ø 250V — 3-POLE, 4-WIRE GROUNDING



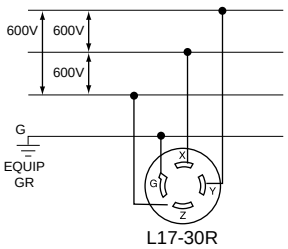
15-15R 15-20R 15-30R 15-50R 15-60R L15-20R L15-30R

3Ø 480V — 3-POLE, 4-WIRE GROUNDING



L16-20R L16-30R

3Ø 600V — 3-POLE, 4-WIRE GROUNDING



L17-30R

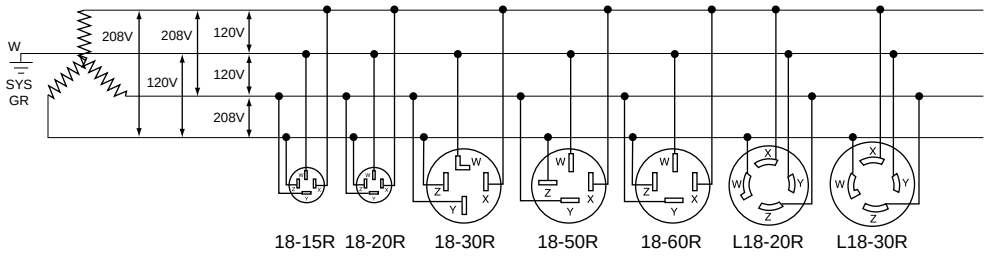
To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

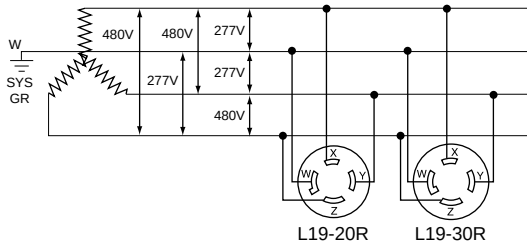
Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

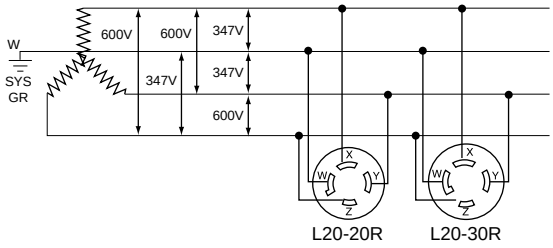
3ØY 120/208V — 4-POLE, 4-WIRE



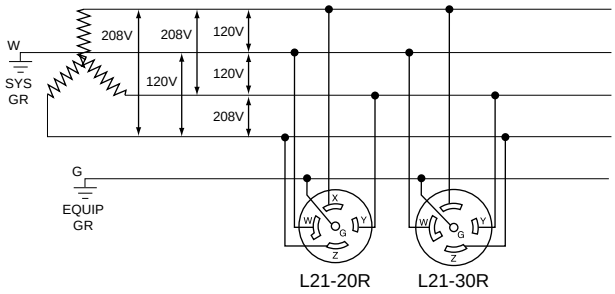
3ØY 277/480V — 4-POLE, 4-WIRE



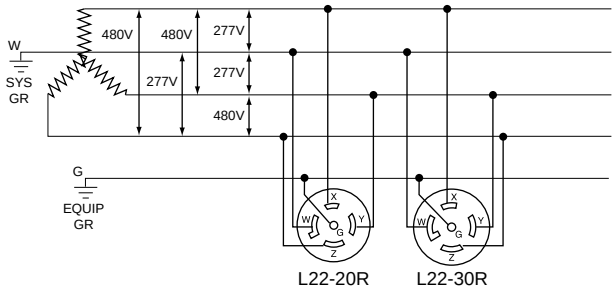
3ØY 347/600V — 4-POLE, 4-WIRE



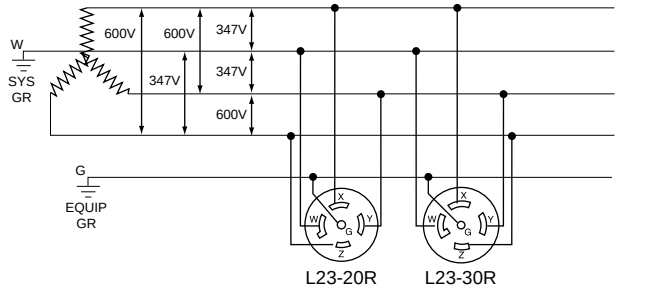
3ØY 120/208V — 4-POLE, 5-WIRE GROUNDING



3ØY 277/480V — 4-POLE, 5-WIRE GROUNDING



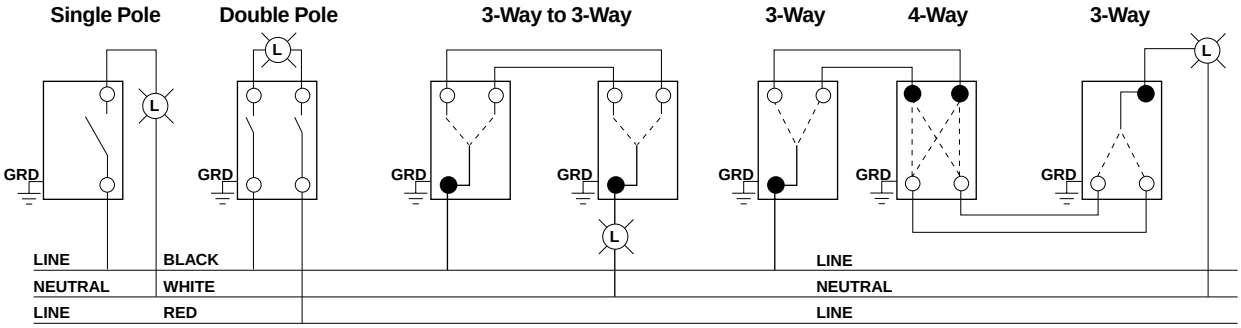
3ØY 347/600V — 4-POLE, 5-WIRE GROUNDING



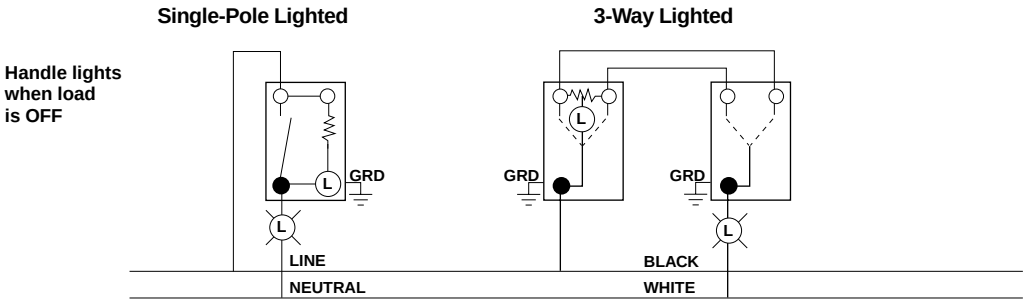
Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Switch Wiring Diagrams

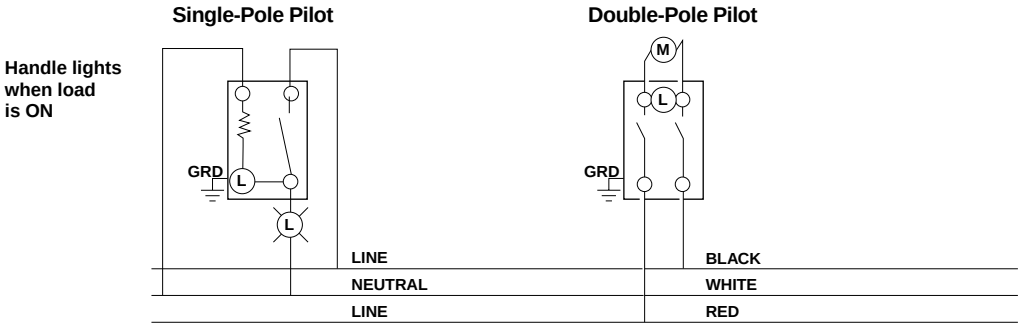
STANDARD TOGGLE TYPE SWITCHES



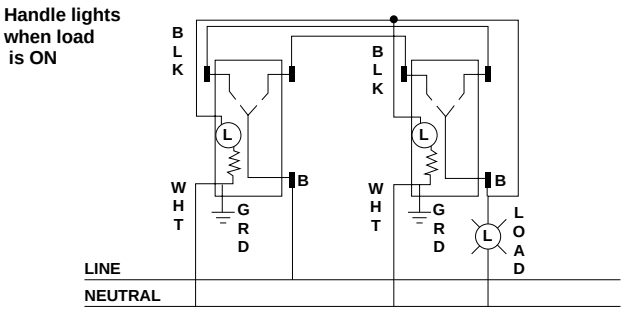
LIGHTED HANDLE SWITCHES



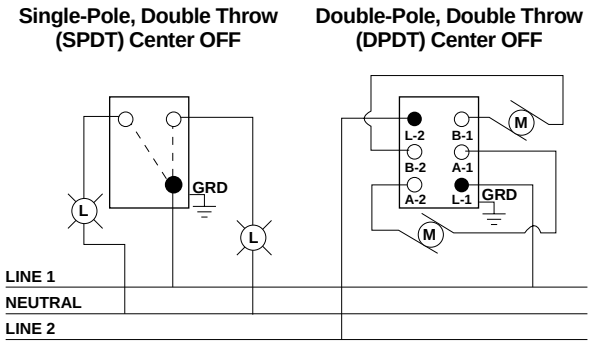
PILOT LIGHT SWITCHES



3-WAY PILOT SWITCHES



3-POSTION SWITCHES MOMENTARY AND MAINTAINED



To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Diameter Ranges of Jacketed Cord in Accordance with Standard UL62

Acceptable range for overall diameter of jacketed cord indicated in inches and millimeters (in parentheses)

TYPE OF CORD	AWG SIZE	2-CONDUCTOR	3-CONDUCTOR	4-CONDUCTOR	5-CONDUCTOR
SV, SVO, SVT, SVTO	18	.22-.26. (5.6-6.6)	.23-.27 (5.8-6.9)	———	———
SJ, SJO, SJT, SJTO	18	.28-.32 (7.1-8.1)	.30-.34 (7.6-8.6)	.33-.37 (8.4-9.4)	———
	16	.31-.34 (7.9-8.6)	.33-.36 (8.4-9.1)	35-.40 (8.9-10.2)	———
	14	.34-.38 (8.6-9.7)	.36-.40 (9.1-10.2)	.39-.44 (9.9-11.2)	———
	12	.41-.46 (10.4-11.7)	.43-.48 (10.9-12.2)	.47-.52 (11.9-13.2)	———
	10	.54-.61 (13.7-15.5)	.57-.64 (14.5-16.3)	.63-.70 (16.0-17.8)	———
S, SO, ST, STO	18	.34-.39 (8.6-9.9)	.36-.40 (9.1-10.2)	.39-.43 (9.9-10.9)	.46-.51 (11.7-13.0)
	16	.37-.41) (9.4-10.4)	.39-.43 (9.9-10.9)	.41-.46 (10.4-11.7)	.49-.55 (12.4-14.0)
	14	.50-.55 (12.7-14.0)	.52-.58 (13.2-14.7)	.56-.62 (14.2-15.7)	.63-.71 (16.0-18.0)
	12	.57-.63 (14.5-16.0)	.59-.66 (15.0-16.8)	.64-.71 (16.3-18.0)	.70-.77 (17.8-19.6)
	10	.62-.69 (15.7-17.5)	.65-.72 (16.5-18.3)	.70-.78 (17.8-19.8)	.76-.84 (19.3-21.3)
	8	.78-.88 (19.8-22.4)	.83-.93 (21.1-23.6)	.93-1.05 (23.6-26.7)	1.00-1.15 (25.4-29.2)
	6	.92-1.05 (23.4-26.7)	.97-1.10 (24.6-27.9)	1.05-1.20 (26.7-30.5)	1.18-1.33 (30.0-33.8)
	4	1.06-1.21 (26.9-30.7)	1.13-1.28 (28.7-32.5)	1.25-1.45 (31.8-36.8)	———
	2	1.21-1.40 (30.7-35.6)	1.30-1.50 (33.0-38.1)	1.45-1.65 (36.8-41.9)	———

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

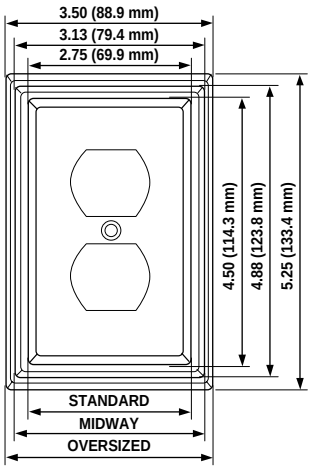
Wallplates

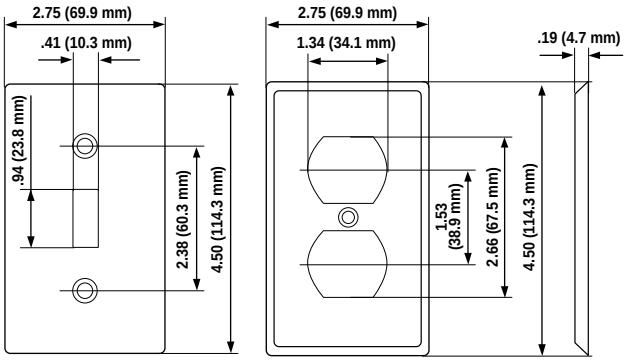
WALLPLATE DIMENSIONS

Gangs	Standard 4.50 H x D* (114.3 mm H x D*)	Midway 4.88 H x .260 D (123.8 mm H x 6.5 mm D)	Oversizes 5.25 H x .260 D (133.4 mm H x 6.5 mm D)
1	2.75 (69.9 mm)W	3.13 (79.4 mm)W	3.50 (88.9 mm)W
2	4.56 (115.9 mm)W	4.94 (125.4 mm)W	5.31 (134.9 mm)W
3	6.38 (161.9 mm)W	6.75 (171.5 mm)W	———
4	8.19 (208.0 mm)W	EXTRA DEEP WALLPLATES are the same height and width as STANDARD size wallplates, but they are .26 (6.5 mm) deep. Available in 1-Gang and 2-Gang sizes.	
5	10 (254.0 mm)W		
6	11.81 (300.0 mm)W		

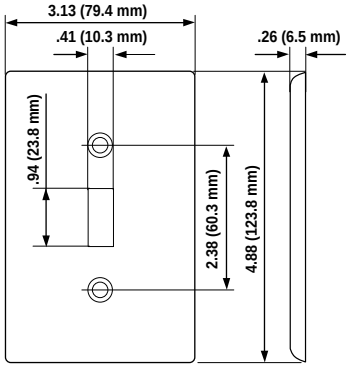
***DEPTHS OF STANDARD WALLPLATES:** Plastic — .22 (5.6 mm)
Metal — .19 (4.7 mm)

WALLPLATE SIZE COMPARISON

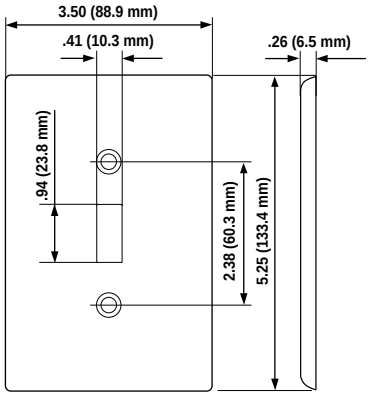




STANDARD SIZE WALLPLATE
No. 81001 Series and No. 81003 Series

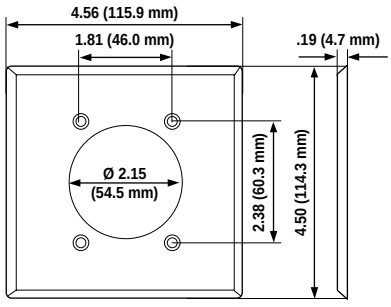


MIDWAY SIZE WALLPLATE
No. 80501 Series

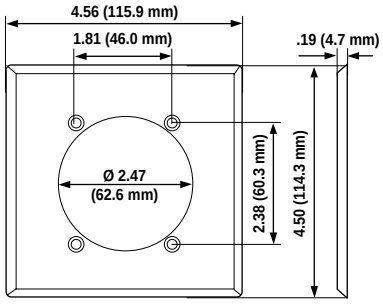


OVERSIZED WALLPLATE
No. 85101 Series

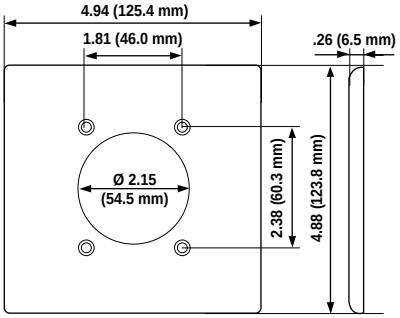
POWER RECEPTACLE WALLPLATES



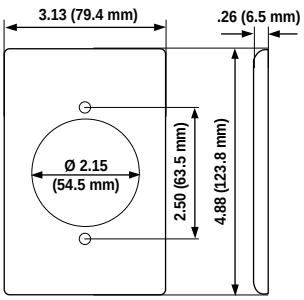
No. 4934 Series



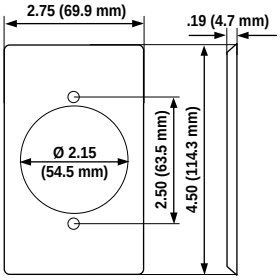
No. S701



No. 80526 Series



No. 80528 Series



No. 4927 Series

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Telephone Wiring Devices Codes and Standards

Industry Standards

At Leviton, our concern since deregulation has been the proliferation of poor quality devices and equipment being attached to the network. These devices meet few of the customary standards for mechanical integrity and combustibility and have caused a number of problems for those who have installed them.

The responsibility for ensuring that no sub-standard devices are connected to the network rests on everyone's shoulders. In fact, the FCC recently issued a Public Notice strongly reminding manufacturers, carriers and customers that the manufacture and installation of substandard devices and equipment will not be tolerated — and that a substantial fine is the penalty for noncompliance. Recently, organizations such as the Federal Communications Commission (FCC), Underwriter's Laboratories (UL), the Canadian Standards Association (CSA), and the Telecommunications Industry Association (TIA) have been developing standards for premise wiring systems, Additionally, Article 800 of the National Electrical Code (NEC), published by the National Fire Protection Association (NFPA), mandated "listing" of equipment connected to telecommunications networks. Leviton has always played a role in the standards-making process and will continue to do so. We wholeheartedly support this new standards environment.

Industry Basics: Drawing the Line

The dividing line between public network and customer premises is called the demarcation point. Equipment, including wiring, on the network side of the demarcation point is the property and responsibility of the local telephone company (telco). Equipment and wiring on the customer side is the responsibility of the customer, who may procure equipment, materials, and service from the provider of their choice. A subscriber network interface (SNI) often called a "demarcation jack", is recommended to be installed at the demarcation point. A standard registered jack is often used at this point so that the network and the premise wiring system can be quickly separated from each other. The location of the SNI depends on local rules and on such factors as the number of units in the facility, access, and the type and age of connecting hardware. The SNI may be inside the building or outside.

FCC Part 68 Requirements

The equipment standards outlined in FCC Part 68 were developed long before divestiture to assure consumers, manufacturers and carriers that terminal equipment and wiring could be connected without degrading the network. Part 68 describes minimum requirements for the mechanical or physical properties of wiring devices such as the amount of gold on jack contacts, electrical performance, dimensional integrity, material properties, and spring characteristics of contacts. Only equipment meeting FCC Part 68 standards may be manufactured and connected to the network. The vast changes that have occurred in the industry because of evolving deregulation have made it necessary to modify Part 68. To this end, FCC Wiring Docket 88-57 was issued in 1990. There have been numerous attempts to change this docket; however, as of this writing, the following guidelines are true:

- Since 1984, Part 68 specified that all connections to the network be made through the standard plugs and standard telephone company-provided jacks described in Subpart F or Part 68. Now, Docket 88-57 permits customers to connect to the carrier's jack or wiring.
- The demarcation point has been redefined to be not more than 12 inches from the protector, or when no protector is present, 12 inches from the point of entry to the premises. In the past, the demarcation point could extend into the customer premise hundreds of feet, if necessary, depending on the wiring application. The new 12-inch ruling limits the carrier's access to the customer premise.
- The carriers are not responsible for customer wiring unless they have an agreement for such responsibility. Because the customer can now install a jack at the network interface, the customer is responsible for any wiring errors and malfunctions that occur.
- The "extraordinary procedures," acceptance testing, and carrier notification for wiring clause has been eliminated. The carrier is no longer required to take steps to protect the network from harm when there is a violation of Part 68 a failure during testing of newly installed wiring, or when harm has actually occurred. Once again, because the carriers now have less access to the customer premise, they will also have less responsibility in maintaining the network.
- Customer-provided, as well as carrier-provided plugs and jacks must meet Subpart F of Part 68 when newly installed on or after January 1, 1991. Prior to this ruling, Part 68 could be interpreted to require that only the jack at the network interface conform to Part 68.

Beware of the Number Game

FCC Part 68, Subpart F, specifies that contacts in the telephone jacks must have 50 micro-inches of gold over 100 micro-inches of nickel. Some manufacturers claim .5 microns of gold plating on their jack contacts.
At 39.37 micro-inches per micron, that's only 19.7 micro-inches — less than half of what is required to meet FCC Part 68 specifications. If jack contacts have not been plated with the right thickness or quality of gold, corrosion at these critical points can cause signal degradation, equipment failure, and even damage to the public telephone network. Data networks are more at risk because even slight imperfections result in transmission error or data loss.

Reduce Risks — Specify Leviton

There are no two ways about it. The risk to your operation and equipment is so great that it only makes sense to insist on top-quality station products. When you specify Leviton jacks, you're assured maximum contact life with minimum resistance. We start with durable phosphor-bronze contacts and plate them with a full 50 micro-inches of lubricated hard gold over 100 micro-inches of nickel (or the electrical performance equivalent as specified in FCC Part 68 requirements). Jack openings are built within precise tolerances. High-quality thermoplastic rated UL 94V-0 resists distortion from changes in temperature and humidity, physical stress, and aging. Spring contacts are engineered to maintain positive contact pressure over the life of the device.

Telecommunications Industry Association Standards

If FCC regulations protect the telephone network from harm and UL requirements protect the consumer from harm, who is responsible for providing performance standards for the telecommunications industry? Recently, the FCC asked the Telecommunications Industry Association (TIA), a sister organization of the Electronic Industries Association (EIA), to take on this task, and they accepted the challenge. The TIA was asked to define minimum standards for such things as how to wire a building, what kind of wire to use, and so on. The following standards went into effect in 1991.

- **Pathway Standard (EIA/TIA 569-A):** This standard for installing pipe and conduit in commercial buildings is now available through TIA and the American National Standards Institute (ANSI).
- **Residential/Light Commercial Wiring (EIA/TIA 570):** A draft of this standard, which applies to premises with up to four telephone lines, has been reviewed by ANSI and TIA committees and released.
- **Commercial Wiring Standard (EIA/TIA 568-A):** The Commercial Wiring Standard applies to premises with more than four telephone lines. This draft has also been reviewed and released by ANSI and TIA committees. At time of printing, the standards are undergoing major revisions and are currently up for ballot.

We're the "Standards" People

Because Leviton is an active participant in the formation of North American codes and standards, you can be assured that our product development activities fully support this emerging standards environment. In fact. we have prepared several publications which describe standard practices and provide installation guidelines for contractors. Many Leviton distributors also sponsor training programs dealing with telecom wiring. And, of course, Leviton's Applications Engineering Group is always ready to assist you with any questions you may have about standards and codes, standard practices, or any installation problem.

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Wire Color Codes and Jack Pin Designations

Electrical Network Connection

From 1 to 25 single or multiple-pair circuits bridged to the network or other connected equipment.

Mechanical Arrangement

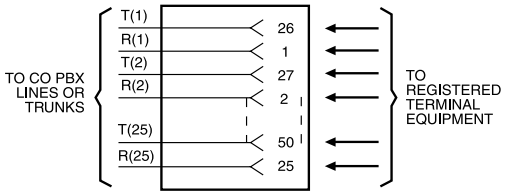
Circuits are provided on numbered tip and ring positions on a miniature 50-pin ribbon connector (Amphenol-type). Pins 1 (ring) and 26 (tip) are considered position 1. Pins 2 (ring) and 27 (tip) of the ribbon connector are position 2. This pairing continues through twenty-five pairs.

Typical Usage

Many key and PBX systems specify the RJ21X, or 'Amphenol-type' as the network interface device. Many of these systems also use the RJ21X as a connector for stations or telephone sets, wired from the KSU or PBX Main Distribution Frame.

Note: Sometimes an RJ11 or RJ14C can be installed in place of an RJ21X. While many smaller systems that require only a few lines may show the RJ21X as the 'official' jack required under registration, less complex jacks such as the RJ11 or RJ14C can often be specified (perhaps in multiples). If the system requires only a few lines but the RJ21X is specified on the registration label, under FCC Part 68 you may specify the RJ11C, RJ14C, RJ25C, or RJ61X instead.

Many Leviton jacks can be used for the RJ21X configuration where 'intermixing' is permitted. Substitution of these special jacks is often both economical and practical. Contact Leviton Telcom Applications Engineering for information about versions to meet your requirements.



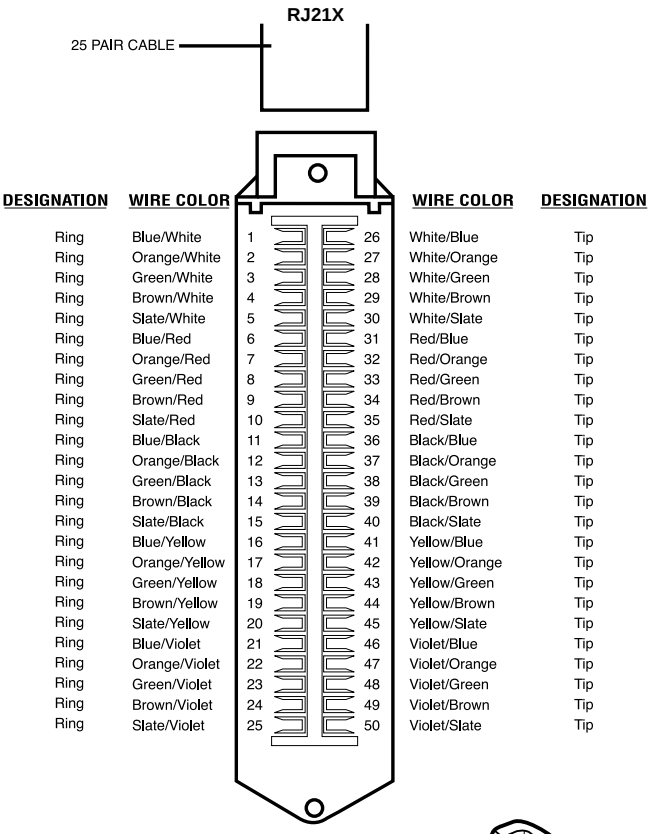
ISDN Assignment of Contact Numbers as specified by ISO Document 8877: 1987 (E)

Contact assignments for plugs and jacks:

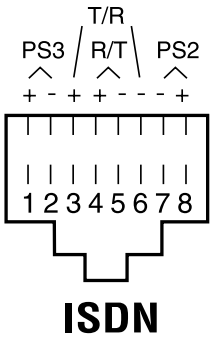
CONTACT NUMBER	TE	NT	POLARITY
1	Power source 3	Power sink 3	+
2	Power source 3	Power sink 3	-
3	Transmit	Receive	+
4	Receive	Transmit	+
5	Receive	Transmit	-
6	Transmit	Receive	-
7	Power sink 2	Power source 2	-
8	Power sink 2	Power source 2	+

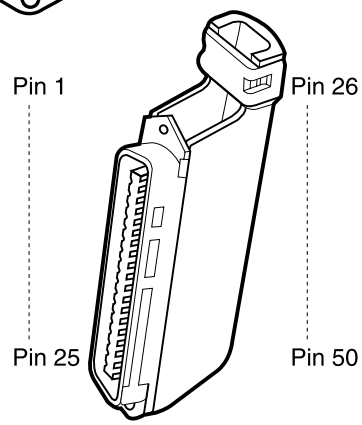
Note: For use in TE to TE interconnections, power source/sink 3 shall conform to the requirements specified in CCITT Recommendation 1.430, section 9.2 for power source/sink 2.

25-PAIR COLOR CODING/ISDN CONTACT ASSIGNMENTS



DESIGNATION	WIRE COLOR			WIRE COLOR	DESIGNATION
Ring	Blue/White	1	26	White/Blue	Tip
Ring	Orange/White	2	27	White/Orange	Tip
Ring	Green/White	3	28	White/Green	Tip
Ring	Brown/White	4	29	White/Brown	Tip
Ring	Slate/White	5	30	White/Slate	Tip
Ring	Blue/Red	6	31	Red/Blue	Tip
Ring	Orange/Red	7	32	Red/Orange	Tip
Ring	Green/Red	8	33	Red/Green	Tip
Ring	Brown/Red	9	34	Red/Brown	Tip
Ring	Slate/Red	10	35	Red/Slate	Tip
Ring	Blue/Black	11	36	Black/Blue	Tip
Ring	Orange/Black	12	37	Black/Orange	Tip
Ring	Green/Black	13	38	Black/Green	Tip
Ring	Brown/Black	14	39	Black/Brown	Tip
Ring	Slate/Black	15	40	Black/Slate	Tip
Ring	Blue/Yellow	16	41	Yellow/Blue	Tip
Ring	Orange/Yellow	17	42	Yellow/Orange	Tip
Ring	Green/Yellow	18	43	Yellow/Green	Tip
Ring	Brown/Yellow	19	44	Yellow/Brown	Tip
Ring	Slate/Yellow	20	45	Yellow/Slate	Tip
Ring	Blue/Violet	21	46	Violet/Blue	Tip
Ring	Orange/Violet	22	47	Violet/Orange	Tip
Ring	Green/Violet	23	48	Violet/Green	Tip
Ring	Brown/Violet	24	49	Violet/Brown	Tip
Ring	Slate/Violet	25	50	Violet/Slate	Tip



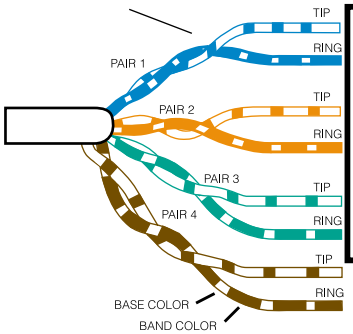


WIRE COLOR CODES

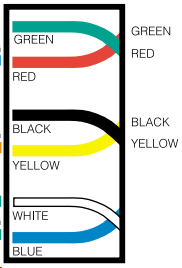
Standard 4-Pair Wiring Color Codes		
PAIR 1	T	White/Blue
	R	Blue/White
PAIR 2	T	White/Orange
	R	Orange/White
PAIR 3	T	White/Green
	R	Green/White
PAIR 4	T	White/Brown
	R	Brown/White

Note: For 6-wire jacks use pair 1, 2 and 3 color codes. For 4-wire jacks use pair 1 and 2 color codes.

A. Band-Striped Twisted-Pair Wire

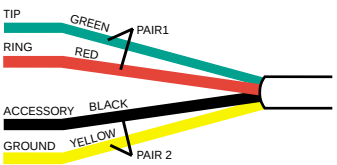


B. Solid-Color Twisted-Pair Wire



C.Quad Wire*

(Solid-Color, Non-Twisted Wire)



***CAUTION**

Quad wire is no longer acceptable for installation in multi-line environments. If encountered during a retrofit, quad wire should be replaced with 100Ω UTP. Connecting new quad to installed quad will only amplify existing problems and limitations associated with quad wire; leaving existing quad in place and connecting 100Ω UTP to it may also be ineffective, as the quad wire may negate the desired effect of the UTP.

To learn more about Leviton's outstanding offering of devices visit our Website at: www.leviton.com ***....Building a Connected World***

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
A0001	JJ37
A0002	JJ37
A0003	JJ37
A0004	JJ37
A0005	JJ37
A0006	JJ37
A0007	JJ37
a-2000-24	O7
ACS-A1478	R20
ACS-H1194	R20
ADS-A1193	R20
ADS-A1195	R20
ADS-A1512	R20
AFS-A1486	R20
AFS-A1493	R20
AFS-A1503	R20
AFS-A1504	R20
AFS-A1505	R20
ALS-A1187	R20
ALS-A1487	R20
AOO-A1192	R20
AOO-A1487	R20
AP60	I20
AP100	I20
APDSC-S	S39
APSCF-S	S39
APSFC-S	S39
APSSC-S	S39
C0001	JJ37
BEZEL	S6
BR15	D12
BR15-S	D12
BR20	D12
BR20-S	D12
BX60-V	I4, I20
BX100-V	I20
BX230-V	I3, I20
C2623	J9
C2623-B	J9
C2623-CY	J9
C2651	J10
C2653	J10
CA060	I21
CA100	I21
CA320	I21
CA343	I21
CA420	I21
CA520	I21
CA530	I21
CD100	O8
CD250	O8
CN100-0D0	P4
CN200-00C	P4
CN220-00C	P4
CN221-00C	P4
CR015	D13
CR15	D13
CR15-C	D13
CR15S-G	D13
CR020	D13
CR20	D13
CS63-60C	J19
CS63-61C	J19
CS63-64C	J19
CS63-65C	J19
CS63-69	J19
CS63-70	J19
CS63-75	J19
CS63-77	J19
CS81-64C	J19
CS81-65C	J19
CS81-69	J19
CS81-75	J19
CS82-64C	J19
CS82-65C	J19
CS82-69	J19
CS82-75	J19
CS83-64C	J19
CS83-65C	J19
CS83-69	J19
CS83-75	J19
CS84-64C	J19
CS84-65C	J19
CS84-69	J19
CS84-75	J19
CS115-2	C11
CS120-2	C11
CS215-2	C11
CS220-2	C11
CS315-2	C11
CS320-2	C11
CS415-2	C11
CS420-2	C11
CSB1-15	C11
CSB1-20	C11
CSB2-15	C11
CSB2-20	C11
CSB3-15	C11
CSB3-20	C11
CSB4-15	C11
CSB4-20	C11
D32CK-0	O2
D3206-1L	O2
D3208-1L	O2
D4200	O4
D42ET-00W	O4
D42IR-04L	O4
D42IR-08L	O4
D42IR-16L	O4
D42LI-NKW	O4
D42LO-CKW	O4
D42MO-00W	O4
D42MO-RLW	O4
D42P1-00W	O4
D42P1-M0W	O4
D42P1-RLW	O4
D42P4-00W	O4
D42P4-RLW	O4
D42P8-00W	O4
D42P9-RLW	O4
D42P9-16W	O4
D42RL-00W	O4
D42SQ-00W	O4
DCKPG	B2
DCK2D	B4
DCK3D	B4
DCK4A	B4
DCK4D	B4
DCKS7	A16, A17, B4, O11, O19
DLKDD-IL	A18, O20
DRK0D-1L	A19, B10, B11, O21
DRK0R-00	A18–A20,B13, O20–O22
DRKDD-1L	A16, A19, B11, O19–O21
DRK0S	B4, B10
DRK1D	B4
DRK0S-1L	B11
DS30-AX	C8, I24
DS60-AX	C8, I24
DS100-AX	C8, I24
DS30-FAX	C8, I24
DS60-FAX	C8, I24
HCA02-10E	B8
HCCPG-1TW	B2
HCC1O-1TW	B3
HCC1A-1TW	B3
HCC1D-1TW	B3
HCC2D-1TW	B3
HCC4A-1TW	B4
HCC3D-1TW	B4
HCC4D-1TW	B4
HCCS7-1TW	B4
HCCPRF-1TW	B5
HCCKR-E	B5
HCCUR	B5
HCM06-1DW	B11
HCMI0-1DW	B11
HCM06-1TW	B11
HCM10-1TW	B11
HCS08-1TW	B11
HCP03-10W	B11, B14
HCM06-1SW	B10
HCM10-1SW	B10
HCS10-1SW	B10
HGPLC-25	H2
IL515-23A	J2
IL515-23B	J2
IL515-23C	J2
IL515-43A	J2
IL515-43B	J2
IL515-43C	J2
INF01-1LW	A23, O27
INF05-1LW	A23, O27
INI06-1LW	A23, O27
INI06-10W	A23, O27
INI10-1LW	A23, O27
INKIT-00W	A23, O27
INM06-1LW	A23, O27
INM10-1LW	A23, O27
INQFK-00W	A23, O27
IPE04-1LW	A22, O22
IPF01-1LW	A22, O25
IPF01-2LW	A22, O25
IPF05-1LW	A22, O25
IPI06-10W	A22, O25
IPI06-1LW	A22, O25
IPI06-2LW	A22, O25
IPI10-1LW	A22, O25
IPI10-2LW	A22, O25
IPKIT-00W	A22, O25
IPM06-1LW	A22, O25
IPM06-2LW	A22, O25
IPM10-1LW	A22, O25
IPQFK-00W	A22, 025
IPX06-1LW	A22, O25
IPX06-7LW	A22, O25
IP710-DLW	A22, O25
IPX10-1LW	A22, O25
IPX12-7LW	A22, O25
KO0-H1204	R20
KO1-A1607	R20
KRS-A9519	F5
KUS-A9519	F5
L7500 Series	Q14
L7700 Series	Q16
L7900 Series	Q17, Q24
L8000 Series	Q16, Q17
L8500 Series	Q7-Q10
L8600 Series	Q10-Q13
L8700 Series	Q13
L8800 Series	Q8, Q25
L9500 Series	Q19-Q21
L9600 Series	Q21-Q24
L9700 Series	Q20, Q22
LK004-120	O34
LK004-277	O34
LK008-0DV	O34
MCM06-1LW	A16, O19
MCM10-1LW	A16, O19

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
MCX10-1LW	A16, O19
MDE03-1LW	A19, O21
MDF01-1LW	A19, O21
MDI06-1LW	A19, O21
MDI10-1LW	A19, O21
MDI10-2LW	A19, O21
MDM06-1LW	A19, O21
MDM10-1LW	A19, O21
MDM10-2LW	A19, O21
ML1-AC	J22
ML1-AP	J22
ML1-C	J22
ML1-MB	J22
ML1-MER	J22
ML1-P	J22
ML1-PB	J22
ML1-PER	J22
ML2-AC	J22
ML2-AP	J22
ML2-C	J22
ML2-MB	J22
ML2-MER	J22
ML2-P	J22
ML2-PB	J22
ML2-PER	J22
ML3-AC	J22
ML3-AP	J22
ML3-C	J22
ML3-MB	J22
ML3-MER	J22
ML3-P	J22
ML3-PB	J22
ML3-PER	J22
MLE03-1LW	A18, O20
MLF01-1LW	A18, O20
MLI06-1LW	A18, O20
MLI10-1LW	A18, O20
MLM06-1LW	A18, O20
MLM10-1LW	A18, O20
MLX06-1LW	A18, O20
MNE04-1LW	O9
MNF07-1LW	O9
MNF10-1LW	O9
MNI06-10W	O12
MNI06-1LW	O9
MNI10-1LW	O9
MNI10-10W	O12
MNI15-1LW	O9
MNKIT-LL	O9
MNKIT-SL	O9
MNKIT-S0	O12
MNM06-1LW	O9
MNM10-1LW	O9
MNM15-1LW	O9
MNS10-1LW	O9
MNS20-1L	O12
MNS20-D3	O12
MNS20-D4	O12
MNX10-1LW	O9
MNX15-1LW	O9
MNX20-7LW	O9
MNX30-7LW	O9
MN00C-1LW	A16, A17, O11, O19
MN00C-7LW	O11
MN00R-DOW	O9
MNK0R-00	O9
MN0LA-000	O9
MN0SA-000	O9
MNW00 Series	O13
MRI06-1LW	A18, O20
MRI10-1LW	A18, O20
MRM10-1LW	A18, O20
MRK0D-0L	A18, O20
MSE0R-10W	A18, A19, O20, O21
MSI10-1LW	A19, O21
MS00R-1	B13
MS00R-10W	A18–A20, O20-O22
MS00R-20	A19, O21
MSI06-1LW	A19, O21
MSM10-1LW	A19, O21
MS2-P	J22
MS2-AP`	J22
MS302	C6
MS302-S	C6
MS303	C6
MS303-S	C6
MS402	C6
MS403	C6
MS602-BW	C6
MS602-FW	C6
MS603-BW	C6
MS603-FW	C6
NE100-00C	P4, O2
NE200-00E	P4
NE210-00E	O2
NE505-00C	O2
NE600-00W	O2
N13NC	C6, G37
N33NC	C6
N36NC	C6
N138	G8
N751	G25
N1302	C6
N1303	C6
N3302	C6
N3303	C6
N3602	C6
N3603	C6
ODA00-000	P11
ODC04-I0W	P3, P8
ODC04-IRW	P8
ODC05-M0W	P3, P6
ODC05-MRW	P6
ODC10-M0W	P3, P6
ODC10-MRW	P6
ODC20-M0W	P3, P6
ODC20-MRW	P6
ODCCG	P5-P8
ODCRA-000	P6, P7, P8
ODCOP	P4
ODCOS-I1W	P5
ODCOS-I2W	P5
ODCOS-I7W	P5
ODC05-U0W	P3, P7
ODC05-URW	P7
ODC10-U0W	P3, P7
ODC10-URW	P7
ODC20-U0W	P3, P7
ODC20-URW	P7
ODPNA	P11
ODP20-010	P11
ODP20-020	P11
ODP15-030	P11
ODP20-070	P11
ODS0D-ID	A29, P2
ODS10-ID	A29, P2
ODS15-ID	A29, P2
ODWHB-I0W	P3, P10
ODWWV-I0W	P3, P10
ODWWHB-IRW	P10
ODWWV-IRW	P10
ODW12-M0W	P3, P9
ODW12-MRW	P9
P22	G18
P32	G18
P38	G22
P48	G22
P326	G23
P1426	G24
P2262	G23
PB101-SGF	F5
PB103-SGF	F5
PCDLC-S	S39
PCSLC-S	S39
PCDTL-S	S39
PCSTL-S	S39
PCDCL-S	S39
PCSCL-S	S39
PCSFL-S	S39
PCPST-S03	S39
PCPSC-S03	S39
PCPFC-S03	S39
PCPLC-S03	S39
PC60	I21
PC100	I21
PC320	I21
PC420	I21
PC520	I21
PC530	I21
PC3430	I21
PCDCT-S	S39
PCDSC-S	S39
PCDST-S	S39
PCSCF-S	S39
PCSCT-S	S39
PCSFC-S	S39
PCSSC-S	S39
PCSST-S	S39
PCSTF-S	S39
PE100-10W	O6
PE200-10W	O6
PE200-70W	O6
PE300-D0W	O6
PJ1	G10
PJ2	G10
PJ3	G10
PJ4	G10
PJ7	G11
PJ8	G11
PJ11	G12
PJ13	G12
PJ18	G12
PJ23	G12
PJ26	G11
PJ82	G11
PJ126	G12
PJ226	G12
PJ262	G11
PJ263	G11
PJ264	G11
PJ826	G12
PLG1	I21
PLL-A1395	R20
PLL-A1396	R20
PR150-1L	A29, P2
PR180-1L	A29, P2
PSC1	G25
PSC7	G25
PSC8	G25
PSC14	G25
PSC26	G25
PSE1	G25
PSE7	G25
PSE8	G25
PSE14	G25
PSE26	G25
PS110-10	P12
PS110-1F	P12
PS200-1	P12
PS200-1F	P12

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
RA060	I21
RA100	I21
RA320	I21
RA343	I21
RA420	I21
RA520	I21
RA530	I21
RPI06-1L	A23, O26
RPI06-10	A23, O26
RS110-10	P12
RS110-1F	P12
RTD01-10	A23, O26
RTF01-10	A23, O26
RS110-2FW	P12
SPDST-S	S39
SPSST-S	S39
SPDSC-S	S39
SPSSC-S	S39
SPSFC-S	S39
SPSLC-S	S39
SPDCT-S	S39
SPSCT-S	S39
SPSTF-S	S39
SPSCF-S	S39
SPDTL-S	S39
SPSTL-S	S39
SPDCL-S	S39
SPSCL-S	S39
SPSFL-S	S39
SPPST-S03	S39
SPPSC-S03	S39
SPPFC-S03	S39
SPPLC-S03	S39
S48-N	G22
S54-N	G19
S73-N	G16
S112-N	G24
S126	G23
S214-N	G23
S426-N	G23
S601	G14
S602	G14
S603	G14
S604	G14
S701	G20
S701-40	G20
S746-N	G21
S751	G25
S1426-N	G24
SAA12	I21
SAB12	I21
SAB34	I21
SAC34	I21
SAC100	I21
SAC125	I21
SAD125	I21
SMC280	T5
SMC420	T5
SO26	G5, G32
SO262	G5, G32
SO263	G5, G32
SP316B4	I15
SP316B6	I15
SP316C4	I15
SP316C6	I15
SP316P4	I15
SP316P6	I15
SP316R4	I15
SP316R6	I15
SP332B4	I15
SP332B6	I15
SP332C4	I15
SP332C6	I15
SP332P4	I15
SP332P6	I15
SP332R4	I15
SP332R6	I15
SP363B6	I15
SP363C6	I15
SP363P6	I15
SP363R6	I15
SP416B6	I15
SP416C6	I15
SP416P6	I15
SP416R6	I15
SP432B6	I15
SP432C6	I15
SP432P6	I15
SP432R6	I15
SP463B6	I15
SP463C6	I15
SP463P6	I15
SP463R6	I15
SP516B6	I15
SP516C6	I15
SP516P6	I15
SP516R6	I15
SP532B6	I15
SP532C6	I15
SP532P6	I15
SP532R6	I15
SP563B6	I15
SP563C6	I15
SP563P6	I15
SP563R6	I15
SPC320	I21
SPC420	I21
SPC520	I21
SPC530	I21
SPC3430	I21
SPR-347	O34
SS303	K4
TGI06-10	O24
TGI06-1L	O24
TGI10-1L	O24
TGM10-1L	O24
TK000-0DV	O34
TPI06-1L	A20, O22
TPI10-1L	A20, O22
TPM06-1L	A20, O22
TPM10-1L	A20, O22
TPR-208	O34
TPR-480	O34
TPX06-1L	A20, O22
TPX10-1L	A20, O22
TT00R-10W	A21, O23
TTI06-10W	A21, O23
TTI10-10W	A21, O23
TTKIT	A21, O23
TTKTR	A21, O23
TTM10-10W	A21, O23
U0500-AKP	R22
U0625-AKP	R22
U1000-AKP	R22
U1000-SK	R21
U1000-ONL	R21
U2000-ONL	R21
U3000-ONL	R21
U1000-ORM	R21
U2000-ORM	R21
U3000-ORM	R21
U3000-SK	R21
U0800-SRM	R21
U3000-SRM	R21
U0425-AKP	R22
U1500-AKP	R22
U2200-AKP	R22
U0600-ARM	R22
U0320-SKO	R22
U0520-SKO	R22
U1500-SK	R21
U1500-SRM	R21
UPDCL-S	S39
UPDCT-S	S39
UPDSC-S	S39
UPDST-S	S39
UPDTL-S	S39
UPPFC-S03	S39
UPPLC-S03	S39
UPPSC-S03	S39
UPPST-S03	S39
UPSCF-S	S39
UPSCT-S	S39
UPSFC-S	S39
UPSFL-S	S39
UPSLC-S	S39
UPSSC-S	S39
UPSST-S	S39
UPSTF-S	S39
UPSTL-S	S39
W00-A1209	R20
W00-A1511	R20
W00-A1534	R20
W00-A1587	R20
W00-A1588	R20
W05-A1186	R20
W515-23A	H4
W515-23B	H4
W515-23C	H4
W515-43A	H4
W515-43B	H4
W515-43C	H4
WL515-23A	J14
WL515-23B	J14
WL515-23C	J14
WL515-43A	J14
WL515-43B	J14
WL515-43C	J14
WDS-A1182	R20
WFS-A1493	R20
WIS-1468	R20
WP1	G36, K2
WP2	G36, K3, K4
WS402	C6
2KL	C9
5D000	S35, S36, S37
5F100	S40, S41, T9
5G108-R5	R1,T2
5G109-R5	S1
5G109-A5	S6
5G455	S27
5G484	S23
5G584	S23
5G586	S25
5L000	S36-S38, T5
5P030	S35
5P130	S35
5P230	S35
5P330	S35
5R030	S35
5R100	S36, S40
5R130	S35
5R230	S35
5R330	S35
5R430	S36
5R440	S36
5R460	S36
5R730	S37
5R740	S37
5R760	S37

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
5R930	S37
5R940	S37
5R960	S37
5S100	S35, S36
5T000	S36, S41
5W110	S39
5W120	S39
5W170	S39
5W310	S39
5W320	S39
5W370	S39
5W710	S39
5W720	S39
5W770	S39
14W33	H4
14W47	H4
14W48	H4
14W49	H4
15A21	JJ4
15A22	JJ4
15A23	JJ4
15CLF	JJ53
15CLM	JJ37
16CLF	JJ37
16CLM	JJ37
17CLF	JJ37
17CLM	JJ37
15D21	JJ3
15D21-C	JJ3
15D22	JJ3
15D22-C	JJ3
15D23	JJ3
15D23-C	JJ3
15D24	JJ3
15D24-C	JJ3
15P21	JJ4
15P22	JJ4
15R21	JJ4
15R22	JJ4
15SDF-48	JJ3
15SDM-48	JJ3
15W33	H4
15W47	H4
15W48	H4
15W49	H4
16A21	JJ13
16A22	JJ13
16A23	JJ13
16A24	JJ13
16A25	JJ13
16A26	JJ13
16D21	JJ5
16D21-C	JJ5
16D22	JJ6
16D22-C	JJ6
16D23	JJ5
16D23-C	JJ5
16D24	JJ6
16D24-C	JJ6
16D25	JJ7
16D25-C	JJ7
16D26	JJ7
16D26-C	JJ7
16D27	JJ8
16D27-C	JJ8
16D28	JJ8
16D28-C	JJ8
16D29	JJ5
16D29-C	JJ5
16D31	JJ6
16D31-C	JJ6
16D32	JJ5
16D32-C	JJ5
16D33	JJ6
16D33-C	JJ6
16D34	JJ7
16D34-C	JJ7
16D35	JJ7
16D35-C	JJ7
16D36	JJ8
16D36-C	JJ8
16D37	JJ8
16D37-C	JJ8
16F21	JJ12
16F22	JJ12
16P21	JJ9
16P22	JJ9
16R21	JJ12
16R22	JJ12
16R23	JJ12
16R24	JJ12
16RSW	JJ13
16S21	JJ19
16SDF-14	JJ5, JJ6, JJ8, JJ14
16SDM-14	JJ5, JJ6, JJ8, JJ14
16SDF-22	JJ5, JJ6, JJ7. JJ14
16SDM-22	JJ5, JJ6, JJ7, JJ14
16SDF-HD	JJ8
16SDM-HD	JJ8
16SVF-12	JJ10
16SVM-12	JJ10
16SVF-21	JJ10
16SVM-21	JJ10
16SVF-34	JJ11
16SVM-34	JJ11
16SVF-HD	JJ11
16SVM-HD	JJ11
16V21	JJ10
16V21-C	JJ10
16V22	JJ10
16V22-C	JJ10
16V23	JJ11
16V23-C	JJ11
16V24	JJ11
16V24-C	JJ11
16V25	JJ10
16V25-C	JJ10
16V26	JJ10
16V26-C	JJ10
16V27	JJ11
16V27-C	JJ11
16V28	JJ11
16V28-C	JJ11
17D21	JJ23
17D21-C	JJ23
17D22	JJ25
17D22-C	JJ25
17D23	JJ23
17D23-C	JJ23
17D24	JJ25
17D24-C	JJ25
17F21	JJ27
17F22	JJ27
17P21	JJ27
17P22	JJ27
17R21	JJ27
17R22	JJ27
17R23	JJ27
17R24	JJ27
17SDF	JJ23, JJ25
17SDM	JJ23, JJ25
17V21	JJ24
17V21-C	JJ24
17V22	JJ26
17V22-C	JJ26
17V23	JJ26
17V23-C	JJ26
17V24	JJ24
17V24-C	JJ24
17V25	JJ26
17V25-C	JJ26
17V26	JJ26
17V26-C	JJ26
17SVF	JJ24, JJ26,
17SVM	JJ24, JJ26
18A21	JJ21
18A22	JJ21
18A23	JJ22
18A24	JJ22
18A25	JJ22
18A26	JJ22
18D21	JJ14
18D21-C	JJ14
18D22	JJ15
18D22-C	JJ15
18D231	JJ14
18D23-C	JJ14
18D24	JJ15
18D24-C	JJ15
18D25	JJ16
18D25-C	JJ16
18D26	JJ16
18D26-C	JJ16
18D27	JJ17
18D27-C	JJ17
18D28	JJ17
18D28-C	JJ17
18D29	JJ14
18D29-C	JJ14
18D31	JJ15
18D31-C	JJ15
18D32	JJ14
18D32-C	JJ14
18D33	JJ15
18D33-C	JJ15
18D34	JJ16
18D34-C	JJ16
18D35	JJ16
18D35-C	JJ16
18D36	JJ17
18D36-C	JJ17
18D37	JJ17
18D37-C	JJ17
18F21	JJ20
18F22	JJ20
18P21	JJ20
18P22	JJ20
18R212	JJ21
18R22	JJ21
18R23	JJ21
18R24	JJ21
18SDF-14	JJ15, JJ17
18SDF-22	JJ15, JJ16
18SDF-HD	JJ17
18SDM-HD	JJ17
18SDM-14	JJ15, JJ17
18SDM-22	JJ15, JJ16
18V21	JJ18
18V21-C	JJ18
18V22	JJ18
18V22-C	JJ18
18V23	JJ19
18V23-C	JJ19
18V24	JJ19
18V24-C	JJ19
18V25	JJ18
18V25-C	JJ18
18V26	JJ18
18V26-C	JJ18
18V27	JJ19

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
18V27-C	JJ19
18V28	JJ19
18V28-C	JJ19
18SVF-HD	JJ19
18SVF-12	JJ18
18SVF-21	JJ18
18SVF-34	JJ19
18SVM-HD	JJ19
18SVM-12	JJ18
18SVM-21	JJ18
18SVM-34	JJ19
19D21	JJ28
19D21-C	JJ29
19D22	JJ28
19D22-C	JJ28
19D23	JJ28
19D23-C	JJ28
19D24	JJ28
19D24-C	JJ28
19F21	JJ31
19F22	JJ31
19P21	JJ31
19P22	JJ31
19R21	JJ31
19R22	JJ31
19R23	JJ31
19R24	JJ31
19SDF	JJ28
19SDM	JJ28
19V21	JJ29
19V21-C	JJ29
19V22	JJ29
19V22-C	JJ29
19V23	JJ30
19V23-C	JJ30
19V24	JJ29
19V24-C	JJ29
19V25	JJ29
19V25-C	JJ29
19V26	JJ30
19V26-C	JJ30
19SVF	JJ29, JJ30, JJ33
19SVM	JJ29, JJ30, JJ33
22H21	JJ36
22H22	JJ36
22L21	JJ32
22L21-C	JJ32
22L22	JJ32
22L22-C	JJ32
22L23	JJ33
22L23-C	JJ33
22L24	JJ32
22L24-C	JJ32
22L25	JJ32
22L25-C	JJ32
22L26	JJ33
22L26-C	JJ33
22P21	JJ36
22P22	JJ36
22R21	JJ35
22R22	JJ35
22R23	JJ35
22R24	JJ35
22SVF	JJ32
22SVM	JJ32
23H21	JJ36
23H22	JJ36
23L21	JJ33
23L21-C	JJ33
23L22	JJ34
22L22-C	JJ34
23L23	JJ34
23L23-C	JJ34
23L24	JJ33
23L24-C	JJ33
23L25	JJ34
23L25-C	JJ34
23L26	JJ34
23L26-C	JJ34
23P21	JJ36
23P22	JJ36
23R21	JJ35
23R22	JJ35
23R23	JJ35
23R24	JJ35
23SVF	JJ33, JJ34
23SVM	JJ33, JJ34
23CM-10	K3
23CM-11	K3
23CM-13	K3
23CM-20	K3
23CM-30	K3
24CM-10	K3
24CM-20	K3
24CM-30	K3
24W34	J14
24W47	J14
24W49	J14
25W34	J14
25W47	J14
25W49	J14
26CM-10	K4
26CM-11	K4
26CM-13	K4
26CM-20	K4
26CM-21	K4
26CM-23	K4
26W08	J15
26W09	J15
26W47	J14
26W47-B	J14
26W48	J14
26W49	J14
26W74	J15
26W75	J15
26W76	J15
26W81	J15
26W81-B	J15
26W82	J15
26W83	J15
27CM-10	K4
27CM-20	K4
27W08	J15
27W09	J15
27W47	J14
27W47-B	J14
27W48	J14
27W49	J14
27W74	J15
27W75	J15
27W76	J15
27W81	J15
27W81-B	J15
27W82	J15
27W83	J15
28W47	J16
28W47-B	J16
28W48	J16
28W49	J16
28W74	J16
28W75	J16
28W76	J16
28W77	J16
28W81	J16
28W82	J16
28W83	J16
29W08	J16
29W09	J16
29W47	J16
29W47-B	J16
29W48	J16
29W49	J16
29W74	J16
29W75	J16
29W76	J16
29W77	J16
29W81	J16
29W82	J16
29W83	J16
41AB2	S28
41AB6	S28
41AW1	S28
41AW2	S28
41A10	S28
41DB1	S28
41DW1	S28
41DW2	S28
41D10	S28
41OL2	S28
41DR2	S30
41D1R	S30
41DBR	S30
41MB2	S29
41880	S29
41DRP	S44
41LBL	S31
41010	S44
41020	S44
41150	S44
45CM-60	K2
45CM-70C	K2
45CM-79C	K2
47CM-10	K2
47CM-20C	K2
47CM-29C	K2
47CM-60	K2
49006	S44
49252	S44
49253	S44
50DCF-M	S39
50DCL-M	S39
50DCM-M	S39
50DCT-M	S39
50DFC-M	S39
50DMJ-M	S39
50DSC-M	S39
50DST-M	S39
50DTF-M	S39
50DTL-M	S39
50DTM-M	S39
50PLC-M03	S39
50PMJ-M03	S39
50PSC-M03	S39
50PST-M03	S39
50W50	H4, J14
50W52	J14, J15
50W54	J16
52CM-62	K2
52CM-66C	K2
52CM-69C	K2
53CM-62	K3
53CM-66C	K3
53CM-69C	K3
55	L11
61	N2
62DCF-M	S39
62DCL-M	S39
62DCM-M	S39
62DCT-M	S39
62DFC-M	S39

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
62DLC-M	S39
62DMJ-M	S39
62DSC-M	S39
62DST-M	S39
62DTF-M	S39
62DTL-M	S39
62DTM-M	S39
62PLC-M03	S39
62PMJ-M03	S39
62PSC-M03	S39
62PST-M03	S39
62-P	N1
63	N1
65	N1
69	N1
91	N1
101	H14
102	H14
113	H15
114	H15
115PR	H14
115PV	H14
123	H14
124-D	L11
125	N2
128	N2
157	L11
157-X	L11
167	L11
177BI	A17, O11
177IR	A17, O11
177OC	A17, O11
177RC	A17, O11
222	D16
223	D16
267	L11
274	N2
275-T	H13
278	D7, H7
278-PM	D7
279	D9, H8
279-PM	D9
287-T	H13
303	N1
306	D16
320B	I6
320B4W	I3
320B6W	I3
320B7W	I3
320C	I5
320C4W	I3
320C6W	I3
320C7W	I3
320MI6	I11
320MI7W	I11
320P	I5
320P4W	I3
320P6W	I3, I11
320P7W	I3, I11
320-R	I6
320R4W	I3
320R6W	I3
320R7W	I3
330B	I6
330B4W	I3
330B6W	I3
330B7W	I3
330C	I5
330C4W	I3
330C6W	I3
330C7W	I3
330MI6W	I11
330MI7W	I11
330P	I5
330P4W	I3
330P6W	I3, I11
330P7W	I3, I11
330R	I6
330R4W	I3
330R6W	I3
330R7W	I3
341-D4U	L5
357-8	L5
360B	I6
360B4W	I4
360B6W	I4
360B7W	I4
360C	I5
360C4W	I4
360C6W	I4
360C7W	I4
360MF5W	I12
360MF6W	I12
360MF7W	I12
360MF9W	I12
360MF12W	I12
360MI6W	I12
360MI7W	I12
360P	I5
360P4W	I4
360P6W	I4, I12
360P7W	I4, I12
360R	I6
360R4W	I4
360R6W	I4
360R7W	I4
368-1	L5
380	L12
388	M3
389W	L13
390-1W	L12
391-1W	L12
395-W	L13
396	L12
403	G39
404	G39
405	G39
406	G39
420B	I6
420B5W	I3
420B7W	I3
420B9W	I3
420B12W	I3
420C	I5
420C5W	I3
420C7W	I3
420C9W	I3
420C12W	I3
420MF5W	I11
420MF7W	I11
420MF9W	I11
420MF12W	I11
420MI5W	I11
420MI7W	I11
420MI9W	I11
420MI12W	I11
420P	I5
420P5W	I3, I11
420P7W	I3, I11
420P9W	I3, I11
420P12W	I3, I11
420R	I6
420R5W	I3
420R7W	I3
420R9W	I3
420R12W	I3
420-W	L13
423-3	M4
430B	I6
430B5W	I3
430B7W	I3
430B9W	I3
430B12W	I3
430C	I5
430C5W	I3
430C7W	I3
430C9W	I3
430C12W	I3
430MF5W	I11
430MF7W	I11
430MF9W	I11
430MF12W	I11
430MI5W	I11
430MI7W	I11
430MI9W	I11
430MI12W	I11
430P	I5
430P5W	I3, I11
430P7W	I3, I11
430P9W	I3, I11
430P12W	I3, I11
430R	I6
430R5W	I3
430R7W	I3
430R9W	I3
430R12W	I3
431W	L12
432C3WL	I15
432P3WL	I15
452	L12
453	L12
460B	I6
460B5W	I4
460B7W	I4
460B9W	I4
460B12W	I4
460C	I5
460C5W	I4
460C7W	I4
460C9W	I4
460C12W	I4
460MI5W	I12
460MI7W	I12
460MI9W	I12
460MI12W	I12
460P	I5
460P5W	I4, I12
460P7W	I4, I12
460P9W	I4, I12
460P12W	I4, I12
460R	I6
460R5W	I4
460R7W	I4
460R9W	I4
460R12W	I4
464	L12
465	L12
466	L12
467	L12
510-R	K5
515AN	H11
515CA	H11
515CR	H11
515CV	H11
515PA	H11
515PR	H11
515PV	H11
516	L13
517	L13
518	L13

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
519	L13
520B	I6
520B5W	I3
520B7W	I3
520B9W	I3
520C5W	I3
520C7W	I3
520C9W	I3
520CA	H12
520CV	H12
520MI5W	I11
520MI7W	I11
520MI9W	I11
520P	I5
520P5W	I3, I11
520P7W	I3, I11
520P9W	I3, I11
520PA	H12
520PV	H12
520R	I6
520R5W	I3
520R7W	I3
520R9W	I3
523	L13
524	L13
530B	I6
530B5W	I3
530B7W	I3
530B9W	I3
530C	I5
530C5W	I3
530C7W	I3
530C9W	I3
530MF5W	I11
530MF7W	I11
530MI5W	I11
530MI7W	I11
530MI9W	I11
530P	I5
530P5W	I3, I11
530P7W	I3, I11
530P9W	I3, I11
530R	I6
530R5W	I3
530R7W	I3
530R9W	I3
531	N1
554	L9
555	L9
560B	I6
560B5W	I4
560B7W	I4
560B9W	I4
560C	I5
560C5W	I4
560C7W	I4
560C9W	I4
560MF9W	I12
560MI5W	I12
560MI7W	I12
560MI9W	I12
560P	I5
560P5W	I4, I12
560P7W	I4, I12
560P9W	I4, I12
560R	I6
560R5W	I4
560R7W	I4
560R9W	I4
573	M2
585	M2
612	H14
615CA	H11
615PA	H11
615PV	H11
617	H15
620CA	H12
620CV	H12
620PA	H12
620PR	H12
620PV	H12
638	H14
663	M2
688	D16
694	N2
697	N2
699	N2
720-L5	M3
735	D5, H13
905	L5
911	A26, O30
930	H13
931	H13
1101-2	C5
1101-2L	C5
1101-C	C11
1102-2	C5
1102-2L	C5
1102-C	C11
1103-2	C5
1103-2L	C5
1103-C	C11
1104-2	C5
1104-2L	C5
1104-C	C11
1121-2	C5
1121-2L	C5
1122-2	C5
1122-2L	C5
1123-2	C5
1123-2L	C5
1124-2	C5
1124-2L	C5
1201-2	C2
1201-2L	C2
1201-LH	C3
1201-PL	C3
1202-2	C2
1202-2L	C2
1202-PL	C3
1203-2	C2
1203-2L	C2
1203-LH	C3
1203-PL	C3
1204-2	C2
1204-2L	C2
1210	C12
1221-2	C2
1221-2L	C2
1221-2KL	C9
1221-7P	C3
1221-LH	C3
1221-PL	C3
1221-S	C2
1222-2	C2
1222-2L	C2
1222 2KL	C9
1222-7P	C3
1221-7L	C3
1222-PL	C3
1223-2	C2
1223-2L	C2
1223-2KL	C9
1223-7L	C3
1223-7P	C3
1223-LH	C3
1223-PL	C3
1223-S	C2
1224-2	C2
1224-2L	C2
1224-2KL	C9
1224-S	C2
1228	D15
1254	D4
1254-H	D4
1254-IG	D4
1256	C4
1256-L	C4
1257	C4
1257-L	C4
1260	C4
1262	C4
1281	C4
1281-L	C4
1282	C4
1285	C4
1285-L	C4
1286	C4
1287	C4
1287-L	C4
1288	C4
1288-L	C4
1306	D16
1373	D16
1374	D16
1403	N2
1406	N2
1420	O31
1432	G37
1433	H4
1447	H4
1448	H4
1449	H4
1451	C13
1451-2	C13
1451-4	C13
1453	C13
1453-2	C13
1453-4	C13
1461-LHC	C13
1463-LHC	C13
1515-23A	H2
1515-23B	H2
1515-23C	H2
1515-43A	H2
1515-43B	H2
1515-43C	H2
1533	H4
1547	H4
1548	H4
1549	H4
1689-50	M1
1689-75	M1
1691-50	M1
1720-T	M3
1738	M3
1754	A31, E3
1754-IL	A31, E3
1754-2	A31, E3
1755	A31, E3
1755-2	A31, E3
1759	A31, E3
1865	M2
1901	G13
1903	G15
1909	G13
2004	L7
2005	L7
2006	L7
2120	R6

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
2152	G39
2310	J4
2310-IG	J4
2311	J4
2311-B	J4
2311-CY	J4
2311-PLB	J4
2311-PLC	J4
2313	J4
2313-B	J4
2313-CY	J4
2313-PLB	J4
2313-PLC	J4
2315	J4
2316	J4
2320	J5
2320-IG	J5
2321	J5
2321-CY	J5
2323	J5
2323-CY	J5
2325	J5
2326	J5
2330	J5
2330-IG	J5
2331	J5
2331-PLC	J5
2333	J5
2333-PLC	J5
2335	J5
2336	J5
2340	J5
2340-IG	J5
2341	J5
2343	J5
2345	J5
2346	J5
2350	J6
2350-IG	J6
2351	J6
2353	J6
2355	J6
2356	J6
2360	J6
2361	J6
2363	J6
2365	J6
2366	J6
2370	J6
2371	J6
2373	J6
2375	J6
2376	J6
2380	J6
2381	J6
2383	J6
2385	J6
2386	J6
2410	J7
2410-IG	J7
2411	J7
2413	J7
2415	J7
2416	J7
2420	J7
2420-IG	J7
2421	J7
2423	J7
2425	J7
2426	J7
2430	J7
2430-IG	J7
2431	J7
2433	J7
2435	J7
2436	J7
2440	J7
2441	J7
2443	J7
2445	J7
2446	J7
2447	J2
2450	J8
2451	J8
2453	J8
2455	J8
2456	J8
2460	J8
2461	J8
2463	J8
2465	J8
2466	J8
2480	R6
2510	J8
2510-IG	J8
2511	J8
2513	J8
2515	J8
2516	J8
2520	J8
2520-IG	J8
2521	J8
2523	J8
2525	J8
2526	J8
2530	J9
2530-IG	J9
2531	J9
2533	J9
2536	L12
2537	L12
2545	J9
2546	J9
2547	J2
2591	M2
2592	M2
2610	J9
2610-IG	J9
2611	J9
2611-B	J9
2611-CY	J9
2611-PLB	J9
2611-PLC	J9
2613	J9
2613-B	J9
2613-CY	J9
2613-PLB	J9
2613-PLC	J9
2615	J9
2616	J9
2620	J9
2620-IG	J9
2621	J9
2621-B	J9
2621-CY	J9
2625F	J9
2626F	J9
2630	J10
2630-IG	J10
2631	J10
2631-PLC	J10
2633	J10
2633-PLC	J10
2635	J10
2636	J10
2640	J10
2640-IG	J10
2641	J10
2643	J10
2645	J10
2646	J10
2650	J10
2650-IG	J10
2651-2	C13
2653-2	C13
2655	J10
2656	J10
2660-A	J10
2661	J10
2663	J10
2665	J10
2666	J10
2670	J11
2671	J11
2673	J11
2675	J11
2676	J11
2680	J11
2681	J11
2683	J11
2685	J11
2686	J11
2690	J11
2691	J11
2693	J11
2695	J11
2696	J11
2710	J11
2710-IG	J11
2711	J11
2711-CY	J11
2713	J11
2713-CY	J11
2715	J11
2716	J11
2720	J12
2720-IG	J12
2721	J12
2723	J12
2725	J12
2726	J12
2730	J12
2730-IG	J12
2731	J12
2733	J12
2735	J12
2736	J12
2740	J12
2740-IG	J12
2741	J12
2743	J12
2745	J12
2746	J12
2750	J12
2751	J12
2753	J12
2755	J12
2756	J12
2760	J13
2761	J13
2766	J13
2770	J13
2771	J13
2773	J13
2775	J13
2776	J13
2810	J13
2810-IG	J13
2811	J13
2813	J13

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
2815	J13
2816	J13
2820	J13
2820-IG	J13
2821	J13
2823	J13
2825	J13
2826	J13
2830	J13
2830-IG	J13
2831	J13
2833	J13
2835	J13
2836	J13
3031-2	C2
3031-2L	C2
3031-LH	C3
3031-PL	C3
3032-2	C2
3032-2L	C2
3033-2	C2
3033-2L	C2
3032-PL	C3
3100B	I6
3100B4W	I4
3100B6W	I4
3100B7W	I4
3100C	I5
3100C4W	I4
3100C6W	I4
3100C7W	I4
3100MI4W	I12
3100MI6W	I13
3100MI7W	I13
3100P	I5
3100P4W	I4, I12
3100P6W	I4, I12
3100P7W	I4, I12
3100R	I6
3100R4W	I4
3100R6W	I4
3100R7W	I4
3125B6W	I15
3125C6W	I15
3125P6W	I15
3125R6W	I15
3152-8	L8
3254	D4
3325-C	J17
3326-C	J17
3330	J18
3331-C	J18
3333-C	J18
3334-C	J18
3335-C	J18
3352-1	L9
3352-8	L9
3352-F	L9
3420-009	R10
3420-035	R10
3430	J18
3431-C	J18
3433-C	J18
3434-C	J18
3435-C	J18
3500-P	R18
3500-PC	R18
3500-PT	R18
3520	J17
3521-C	J17
3523-C	J17
3524-C	J17
3525-C	J17
3720	J5
3721	J5
3723	J5
3755	J5
3756	J5
3762-C	J18
3763-C	J18
3764-C	J18
3765-C	J18
3769	J18
3771	J18
3775	J18
3777	J18
3800-DIN	R11
3800-OEM	R11
3800-OWM	R11
3801-DIN	R11
3803-485	R10
3803-CAN	R10
3803-MOD	R10
3803-SPX	R10
3803-DHP	R10
3812-DIN	R11
3812-OEM	R11
3812-OWM	R11
3824-DIN	R11
3824-OEM	R11
3824-OWM	R11
3840-DIN	R11
3840-OEM	R11
3840-OWM	R11
3848-DIN	R11
3848-OEM	R11
3848-OWM	R11
3860-GEF	R10
3861-ETH	R10
3862-CON	R10
3863-DEV	R10
3880-DIN	R10
4005	L9
4006	L9
4010	L9
4015-D4F	L5
4017-D2F	L5
4020-A3A	L5
4032-E5F	L5
4034-F5A	L5
4063	L9
4100-HLD	S31
4100B	I6
4100B5W	I4
4100B7W	I4
4100B9W	I4
4100B12W	I4
4100C	I5
4100C5W	I4
4100C7W	I4
4100C9W	I4
4100C12W	I4
4100MI5W	I12
4100MI7W	I12
4100MI9W	I12
4100MI12W	I12
4100P	I5
4100P5W	I4, I12
4100P7W	I4, I12
4100P9W	I4, I12
4100P12W	I4, I12
4100R	I6
4100R5W	I4
4100R7W	I4
4100R9W	I4
4100R12W	I4
4108	S11
4125B6W	I15
4125C6W	I15
4125P6W	I15
4125R6W	I15
4155	L10
4158	L10
4254	D4
4349-FBA	D13
4550	J3
4550-IG	J3
4560	J3
4560-IG	J3
4560-SIG	J3
4560-SS	J3
4570-C	J3
4570-CA	J3
4570-CY	J3
4570-IG	J3
4579-C	J3
4579-CY	J3
4585-C	J3
4585-CWP	J23
4586-C	J3
4586-CWP	J23
4625A	S18
4625B	S14
4700	J2
4700-IG	J2
4702-IIR	J2
4703-IIR	J2
4710	J2
4710-IG	J2
4710-SIG	J2
4710-SS	J2
4715-C	J2
4715-CWP	J23
4715-FWP	J23
4716-C	J2
4716-CWP	J23
4716-FWP	J23
4720-C	J2
4720-CA	J2
4720-CB	J2
4720-CY	J2
4720-PLC	J2
4729-C	J2
4729-CB	J2
4729-CY	J2
4750	J3
4760	J3
4760-IG	J3
4760-SIG	J3
4760-SS	J3
4770-C	J3
4770-CA	J3
4770-CY	J3
4770-PLC	J3
4779-C	J3
4779-CY	J3
4779-PLC	J3
4785-C	J3
4792	J23
4794-1R	J23
4795-2R	J23
4786-C	J3
4800-PS	R15
4800-S15	R15
4800-PSN	R15
4870	J4
4870-SS	J4
4880-C	J4
4889-C	J4
4900-P	R15

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
4900-PC	R15
4900-PST	R15
4900-PT	R15
4925-2	G37
4926	G37
4927	G20
4928	G20
4934	G20
4937	H15
4950-PS	R15
4950-PSC	R15
4950-PST	R15
4970	G38
4976	G38
4978	G38
4979	G38
4980	G38
4986	G38
4990	F5, G37
4992	F5, G37
4996	F5, G38
4998	F5, G38
5015	D13
5028	D13
5029	D13
5031	D12
5032	D14, H7
5040	D13
5042	D13
5050	D9
5054	D6
5059	D13
5088	D12
5089	D12
5098	D12
5100B	I6
5100B5W	I4
5100B7W	I4
5100B9W	I4
5100C	I5
5100C5W	I4
5100C7W	I4
5100C9W	I4
5100-G15	R3
5100-GP	R2
5100-GS	R3
5100-IPS	R3
5100IS2	R3
5100MI5W	I12
5100MI7W	I12
5100MI9W	I12
5100P	I5
5100-P	R2
5100-PS	R3
5100P5W	I4, I12
5100P7W	I4, I12
5100P9W	I4, I12
5100R	I6
5100R5W	I4
5100R7W	I4
5100R9W	I4
5100-S15	R3
5125B6W	I15
5125C6W	I15
5125P6W	I15
5125R6W	I15
5200-GS	R3
5200-G15	R3
5200-PS	R3
5200-S15	R3
5206	D9, H8
5207	D6, H7
5224	E1
5224-2	E1
5225	E1
5226	E1
5239	H11
5240	H11
5241	E1
5242	D3
5243	E1
5245	E1
5248-4	D15
5248-CP	D15
5249-CAP	D13
5249-FBA	D13
5250	D13
5251	D3
5252	D3
5256-VA	H5
5256-VB	H5
5256-VG	H5
5256-VY	H5
5258-SS	D13
5259-VB	H5
5259-VG	H5
5259-VY	H5
5261	D3
5261-CH	D3
5261-CR	K2
5262	D3
5262-IG	D3
5262-SIG	D3
5262-S	D3
5266-C	H2
5266-CA	H2
5266-CB	H2
5266-CG	H2
5266-CO	H2
5266-CY	H2
5266-N	H2
5266-PLC	H2
5269-C	H2
5269-CA	H2
5269-CB	H2
5269-CG	H2
5269-CO	H2
5269-CY	H2
5269-N	H2
5269-PLC	H2
5278-C	H2
5278-CWP	H6
5278-FWP	H6
5279-C	H2
5279-CWP	H6
5279-FWP	H6
5280	A12, R12
5280-IG	A12, R12
5284-SS	D13
5292	D3
5300-G15	R3
5300-GP	R2
5300-GS	R3
5300-GSC	R3
5300-GST	R3
5300-HPS	R3
5300-IPS	R3
5300-P	R2
5300-PS	R3
5300-PSC	R3
5300-PST	R3
5300-S15	R3
5300-2P	R2
5320-CP	D15
5320-S	D15
5320-4	D15
5321	N3
5325	A11
5325-S	A11
5328	A11
5334	E1
5335	E1
5336	E1
5340	D13
5342	D3
5350-BNC	R14
5350-PC	R14
5350-PT4	R14
5350-PT8	R14
5350-RS2	R14
5350-SAT	R14
5350-TBT	R14
5350-TEB	R14
5350-TLL	R14
5350-TTR	R14
5351	D3
5352	D3
5356-VA	H5
5356-VB	H5
5356-VY	H5
5359-VB	H5
5359-VY	H5
5360-DDS	R14
5360-RS2	R14
5360-TBT	R14
5361	D3
5361-CH	D3
5361-R	K3
5362	D3
5362-S	D3
5362-IG	D3
5262-SIG	D3
5366-C	H3
5366-CA	H3
5366-CG	H3
5366-CY	H3
5366-PLB	H3
5366-PLC	H3
5369-C	H3
5369-CA	H3
5369-CG	H3
5369-CY	H3
5369-PLB	H3
5369-PLC	H3
5371	D5, H7
5371-IG	D5, H7
5372	D6, H7
5372-IG	D6, H7
5373	D8, H8
5374	D8, H8
5374-IG	D8, H8
5376	D6
5378	D8
5380	A12, R12
5380-IG	A12, R12
5410	M4
5456-VA	H5
5456-VY	H5
5458-SS	D13
5459-VY	H5
5461	D3
5461-CR	K3
5462	D3
5462-IG	D3
5466-C	H3
5466-CY	H3
5469-C	H3
5469-CY	H3
5478-C	H3
5478-CWP	H6

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
5479-C	H3
5479-CWP	H6
5480	D4, R13
5480-IG	D4, R13
5490	D4, R13
5490-IG	D4, R13
5500-NL	R16
5500-2NL	R16
5500-15L	R16
5500-15N	R16
5500-20L	R16
5500-20N	R16
5500-190	R16, S27
5500-192	R16, S27
5501-8	C11
5501-LH	C12
5502-8	C11
5503-LH	C12
5505-190	R16
5585	D14
5601	A6
5601-2	A6
5601-Z2	A7
5602-2	A6
5603	A6
5603-2	A6
5604-2	A6
5611	A7
5611-2	A7
5613	A7
5613-2	A7
5614-2	A7
5618-2	A7
5621-2	A3
5621-C	A33
5622-2	A3
5623-2	A3
5623-C	A33
5624-2	A3
5624-C	A33
5625	A30, E2
5626	A30, E2
5627	A30, E2
5628-2	A5
5629-2	A5
5631-2	A5
5633-2	A5
5634	A30, E2
5636	A30, E2
5637	A30, E2
5638-2	A5
5639-2	A5
5640	A30, E2
5641	A30, E2
5643	A30, E2
5645	A30, E2
5646	A30, E2
5649-2	A5
5651	D3
5657-2	A4
5658-SS	D13
5659-2	A5
5661	D3
5661-CR	K2
5662	D3
5662-IG	D3
5666-C	H2
5666-CA	H2
5666-CY	H2
5669-C	H2
5669-CY	H2
5685-2	A4
5686-2	A4
5691-2	A3
5691-C	A33
5692-C	A33
5693-2	A3
5693-C	A33
5694-C	A33
5721	M3
5731	M3
5800-4	D13
5801	D13
5821	D13
5822	D13
5823	D12
5824	D12
5842	D12
5844	D12
5891	D12
5950-PS	R19
5950-SC	R19
5950-SS	R19
5950-ST	R19
5951-SA	T11
5952-ET	T11
5953-PC	T11
5954-AT4	T11
5954-PT4	R19
5955-DT	R19, T11
5976	G35
5977	F5, G35
5978	G35
5996	G35
5997	F5, G35
5998	G35
6017	H3, K2, K3
6017-L	J20, K2
6018	H3, K2, K3
6018-L	J20, K2
6031	J20, K3, K4
6032	J20, K3, K4
6033	J20
6034	J20
6081	B12
6091	B12
6124H	A28, O33
6151	O31
6161	A26
6185	F5
6196	F5
6196-FS	F5, G37
6196-V	F5
6196-VFS	F5, G37
6197	A36, F3, G39
6201	B8
6212H	A27, O32
6215M	A27, O32
6227	B15
6230M	A27, O32
6250-3	O31
6260M	A27, O32
6280	B15
6287	B17
6288	B17
6289	B17
6291-WI	B12
6293-WI	B12
6294	B13
6296	B14
6298	B14
6308	B6
6312	B2
6315	B7
6316	B7
6320	B2
6330	B7
6337	B14
6360-CR	K5
6361-CR	K5
6364-CR	K5
6365-CR	K5
6369-CR	K5
6370-CR	K5
6371-I	B13
6372-CR	K5
6374-CR	K5
6375	B16
6376	B16
6383-WI	B12
6386	B17
6417	B6
6512H	A27, O32
6515M	A27, O32
6560M	A27, O32
6593	F3
6594	F3
6600-1	O29
6602	O29
6602-220	O29
6603	O29
6606-W	A21, O23
6611-P	A25, O28
6613-P	A25, O28
6616-X	O29
6621	A25, O28
6621-P	A25, O28
6623-P	A25, O28
6627	A25, O28
6627-P	A25, O28
6628	A25, O28
6629-3	A25, O28
6629-P	A25, O28
6630	A25, O28
6631	A25, O28
6631-P	A25, O28
6633-P	A25, O28
6637-P	A25, O28
6639	A25, O28, O29
6641	O30
6643	O30
6651	A28, O33
6652	A28, O33
6668-1	A25, O28
6676	O17
6677	O17
6678	O17
6679	O17
6681	O29
6683	O29
6690	A27, O32
6691	O30
6693	O30
6893	F3
6894	F3
7002	N2
7070	L4
7070-M	L4
7080	L4
7080-M	L4
7090	L4
7090-M	L4
7092-2M	L4
7151-C	H7
7250-FR	D5, H7
7251-C	D5
7280	A12, R12
7310-B	J17
7313	D5
7314-C	J17

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
7379	J18
7380	A12, R12
7408-C	J17
7409-C	J17
7410-B	J17
7411-C	J17
7413-C	J17
7420-CR	G36, K3, K4
7556	J17
7557	J17
7565-C	J17
7567-C	J17
7582	J17
7715-CR	K5
7717-CR	K5
7764-C	J18
7765-C	J18
7770	J18
7788-CR	K5
8004	L4
8004-M	L4
8052-1	L8
8101	L8
8110	L7
8200	D2
8200-H	D2
8200-IG	D2
8200-LIG	D2
8200-SG	D2
8200-HL	D2
8200-PL	D2
8210	D2
8210-IG	D2
8215-C	H2
8215-CT	H2
8215-CAT	H2
8215-PLC	H2
8219-C	H2
8219-CT	H2
8219-PLC	H2
8256-V	H5
8259-V	H5
8280	A12, R12
8280-IG	A12, R12
8281-IG	A12, R12
8299	A14, A31, E3, F2
8300	D2
8300-H	D2
8300-IG	D2
8300-LIG	D2
8300-SG	D2
8300-HL	D2
8300-PL	D2
8310	D2
8310-IG	D2
8315-C	H3
8315-CT	H3
8315-CAT	H3
8315-PLC	H3
8319-C	H3
8319-CT	H3
8319-PLC	H3
8330	D7
8330	H7
8332-P	D7H7
8350	D10, H8
8352-P	D10, H8
8356-V	H5
8359-V	H5
8360	D10, H9
8362-P	D10, H9
8380	A12, R12
8380-IG	A12, R12
8381	A12, R12
8381-IG	A12, R12
8400	D2
8415-CAT	H3
8430	D7, H7
8432-P	D7, H7
8450	D9, H8
8450-IG	D9, H8
8452-P	D9, H8
8456-V	H5
8459-V	H5
8460	D10, H9
8462-P	D10, H9
8480	D4, R13
8480-IG	D4, R13
8490	D4, R13
8490-IG	D4, R13
8590	A14, F2
8598	A14, F2
8598-CPW	A14, F2
8598-HG	A14, F2
8598-DIN	A14, F2
8599	A14, F2
8599-CP	A14, F2
8599-L	A14, F2
8647	L7
8656-V	H5
8659-V	H5
8681	L7
8681-400	L7
8684	L10
8694	L6
8746	L6
8750	L6
8756	L6
8765	L6
8806	L6
8827-CW1	L2
8827-CW2	L2
8827-CW4	L2
8829-CW1	L2
8829-CW2	L2
8829-CW4	L2
8871	L8
8875	L8
8880	L8
8895	F3
8898	A14, F2
8898-HG	A14, F2
8899	A14, F2
9063	L7
9151-N	H7
9332-P	D6, H7
9346	L4
9346-M	L4
9347	L4
9350	L8
9382	M3
9432-P	D7, H7
9450-P	D9, H8
9452-P	D9, H8
9460	D10
9460	H9
9460-IG	D10, H9
9462-P	D10, H9
9530-P	D5, H7
9550-P	D8, H8
9575-250	M2
9630-P	D6, H7
9650-P	D8, H8
9716-C	L3
9726-C	L3
9730-A	D6, H7
9730-P	D6, H7
9750-A	D8, H8
9750-P	D8, H8
9800	L10
9805	L10
9805-A	L10
9814	L8
9820	L3
9839	L3
9874	L2
9875	L2
9875-2	L2
9880	L7
9882	L7
9883	L2
9885	L8
9965-C	J17
10014-800	L10
10020	L7
10025	L10
10026	L10
10027	L10
10028	L7
10041-500	M1
10045	L8
10065	L8
10083-16	L4
10083-M	L4
10085	L8
10091	L9
10097-8	M1
12501	N2
12504	N2
12507	N2
12650	D15
12777	N3
13150-UR5	L14
13351-D	L14
13353-N	L14
13354-D	L14
13357-N	L14
13359-N	L14
13451-N	L14
13452	L15
13453	L15
13454	L15
13455	L15
13518	L13
13519	L13
13550	L12
13551	L12
13556	L12
13557	L12
13652-WP	L14
13653-NP	L14
13653-WP	L14
15378-C	H3
15378-CWP	H6
15379-C	H3
15379-CWP	H6
15656-VA	H5
15656-VY	H5
15659-VY	H5
15678-C	H2
15678-CWP	H6
15679-C	H2
15679-CWP	H6
16241	A10
16242	A10
16251	A10
16252	A10
16262	A9
16262-HG	A9
16262-IG	A9

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
16262-PL	A9
16262-SG	A9
16292	A10
16341	A10
16342	A10
16351	A10
16352	A10
16362	A9
16362-HG	A9
16362-IG	A9
16362-PL	A9
16441	A10
16451	A10
16462	A10
16462-HG	A9
16641	A10
16651	A10
16662	A10
17100-1WY	A17, O11
17100-2WY	A17, O11
18201	C2
18201-C	C12
18201-L	C2
18202	C2
18202-C	C12
18202-L	C2
18203	C2
18203-C	C12
18203-L	C2
18204	C2
18204-C	C12
18204-L	C2
18221	C2
18221-L	C2
18222	C2
18222-L	C2
18223	C2
18223-L	C2
18224	C2
18224-L	C2
18302-1	L3
18315	L8
19062	L7
19980	L4
19980-M	L4
20025	L11
20070	L8
20403	J21
21254	D4
21254-H	D4
21254-IG	D4
21414-B	J21
21415-B	J21
23000-HG	J21
23001-HG	J21
23004-HG	J21
23030	J21
23031-A	J21
23034-A	J21
23351	L14
23452-A	L15
23452-B	L15
23452-H	L15
23452-V	L15
23453	L15
23455	L15
23518	L13
23519	L13
23652-WP	L14
23653-NP	L14
23653-WP	L14
25403	J21
25414-B	J21
25415-B	J21
26115	O29
26591-37C	F4
26592-E	F4
26666-31	O15
26666-37	O15
26719 Series	L16
26720 Series	L16
26725 Series	L17, L18
26725-2A Series	L19
26725-4A Series	L19
29816-C	L2
29816-C2	L2
29816-CM	L2
32120-1	R9
32120-DY3	R9
32277-DY3	R9
32347-DY3	R9
32412-DS3	R9
36591-37C	F4
36592-E	F4
40050	S33
40054	S34
40066	S32
40067	S34
40070	S52
40072	S34
40089	S26, S33
40201	S17
40214	S16
40215	S13
40216	S16
40223-S	S16
40226-S	S16
40238	S14
40244	S16
40249	S14
40253	S16
40257	S16
40258	S14
40259	S14
40263	S16
40266	S16
40278	S18
40280	S14
40539	S15
40544	S15,S16
40566	S15
40588	S15
40638	A32, S15
40649	A32, S15
40680	A32, S15
40681	A32, A36
40682	A32
40734	S2
40735	S2
40812	S47
40827	T26
40828	T26
40830	S2
40831	S2
40832	S2
40833	S3
40837	S3
40841	T23
40853	T23
40864	T24
40888	T3, T24
40890	T3, T26
40891	T26
40896	T3, T26
40899	T23
40901	T24
40905	T23
40911	T24
40914	S16
40944	S15
40949	S15
40951	T25
40952	T25
40953	S14, T25
40954	S14, T25
40959	S15
40985	S3
40988	S51
40989	S47, S51
41010	S44
41020	S44
41030	S21, S49
41034	S18
41036	S18
41038	S18
41044	S18
41046	S18
41048	S18
41054	S17
41056	S17
41058	S17
41070	S21
41080	S10, S20
41084	S5, T1, T2
41085	S5
41086	S18
41087	S13
41088	S18
41089	S20
41091	S11
41106-	R6, S1
41108-K5	S1
41108-R3	S1
41108-R5	S1, T1
41108-R8	S1
41150	S44
41188	S43
41225	S46
41290	S8
41291	S8
41292	S8
41293	S8
41294	S8
41295	S8
41296	S8
41360	S17
41361	S17
41364	S17
41365	S17
41366	S17
41367	S17
41368	S17
41600	S31
41610	S31
41620	S31
41642	A32, S12
41643	S12
41644	S12
41646	S12
41650-6	D14, S13
41650-F	D14, S13
41652	S13
41652-000	D14
41652-6	D14, S13
41652-6F	D14, S13
41658	A32
41666	A32, S12
41668	A32, S12
41688	A32
41880	S29

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
42001-FMC	R9
42080	S10
42120-1	R9
42120-DY3	R9
42277-DY3	R9
42347-DY3	R9
42400	T9
42412-DS3	R9
42777	S21
43080	S11
43105	S46
43108	S46
43112	S46
43115	S46
45224	S45
46666	S52
46700	S46
46721	T3
47120-007	R8
47120-4X7	R8
47277-007	R8
47277-4X7	R8
47347-007	R8
47602	T6
47603	T1, T2, T3, T8, T9, T19
47605	T1, T2, T4, T5, T9, T10
47606	T1, T2, T8, T9
47609	T9
47611	T2, T3, T13
47612	T9
47613	S47, S51
47616	T9
47621	T3, T19
47689	S26, T9
47690	T2, T3, T13, T14, T15, T18
47691	T15
48210	T3, T14, T19, T20
48211	T3, T21, T22
48212	T2, T3, T11
48213	T3, T16-T18
48500	N3
48566	N3
48568	N3
48642	H14
48643	H14
48646	H14
48648	H15
48900	S46
49002	S24
49003	S24
49004	S24
49005	S24, S45
49006	S25, S44
49008	S24
49103	S31
49104	S31
49105	S31
49111	S33
49112	S33
49114	S33
49222	S21
49251	S27
49252	S44, S45
49253	S44
49254	S25, S27
49255	S26
49256	S25
49257	S26, S27
49258	S45
49260	S45
49261	S45
49262	S25
49264	S42
49265	S42
49266	S42
49274	S42
49275	S42
49553	S47, S52
49560	S51
49561	S51
49562	S51
49567	N3
49568	N3
49575	S52
49660	S51
49666	N2
49686	N2
49687	N1
49800	S48
49816-C	L2
49875	L2
49882	S4, S41
49883	S4, S41, S49
49884	S4, S5, S41, S49
49885	S5, S49
49886	S46, S49, S50
49887	S41
49888	S4
49889	S5, S41
49910	S19
49990	S5
50208-ASA	R17
50240-ASA	R17
50240-FAA	R17
50240-FMA	R17
50240-MSA	R17
51000-KIT	R15
51000-SMC	R15
51005-WM	R4
51005-DIN	R4
51010-WM	R4
51010-DIN	R4
51015-WM	R4
51015-DIN	R4
51020-DIN	R4
51020-WM	R4
51020-WMT	R4
51084	S6
51110-1	R18
51110-CT8	R18
51110-PTC	B9, R18
51120-1	B9, R18
51120-3	B9, R18
51120-3R	B9, R18
51120-PTC	R18
51240-DIN	R4
51240-WM	R4
52000-RS	R6, R7
52120-7C3	R8
52120-7M3	R8
52120-B3	R7
52120-CM2	R7
52120-CM3	R7
52120-M1	R7
52120-M2	R7
52120-M2H	B9, R7
52120-M3	R7
52220-IM3	R7
52240-DM3	R7
52277-7C3	R8
52277-7M3	R8
52277-CM3	R7
52277-M3	R7
52347-M3	R7
52412-DSM	R7
52455	S27
52480-DM3	R7
54175-SSA	R17
54501-2	C11
54502-2	C11
54503-2	C11
54504-2	C11
54521-2	C11
54522-2	C11
54523-2	C11
54524-2	C11
55050	D9
55054	D7
55175-ASA	R17
55175-SSA	R17
55650-ASA	R17
57120-CM3	R6
57120-C3S	R6
57120-M3	R6
57120-M3S	R6
57220-IM3	R6
57240-DM3	R6
57277-CM3	R6
57277-C3S	R6
57277-M3	R6
57277-M3S	R6
57346-M3	R6
57347-M3S	R6
57480-DM3	R6
57600-DM3	R6
60001	O16, O17
60002	O16, O17
60800	O16
60800-3	O16
61000	O16
61000-3	O16
61027	O17
61109-R6	S1
61110-A6	S6
61500	O16
62000	O16
62420	S27
66591-2C	F4
66591-6C	F4
66591-25C	F4
66593-3	F4
66597-3	F4
66891-3	F4
66897-3	F4
69484	S23
69585	S22
69589	S22
69587	S25
69591-3	F4
69591-25	F4
69591-W3	F4
69591-W25	F4
69591-WL	F4
69593-3	F4
69891-3	F4
69891-W3	F4
71111	O14
71113	O14
71511	O14
71513	O14
74120-7M3	R5
74277-7M3	R5
75120-7M3	R5
75277-7M3	R5
80301	A34, G2
80309	A34, G2
80311	A34, G2
80312	A34, G2
80314	A36

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
80321-I	A34, G2
80326-I	A34, G2
80381	A32, A36
80400	A36, G39, O29
80401	A35, G4
80401-CN	A33, G5
80401-COI	G10
80401-COW	G10
80401-GFI	G10
80401-GFW	G10
80401-IG	A9, G10
80401-N	A34, G3, G7
80405	A35, G23
80407	A35, G4
80408	A35, G4
80409	A35, G4
80409-CN	A33, G5
80409-N	A34, G3, G7
80411	A35, G4
80411-CN	A33, G5
80411-N	A34,G3, G7
80412	A35, G4
80412-CN	A33, G5
80412-N	A34, G3, G7
80412-98	G5
80414	A36, G39
80421	A35, G23
80423	A35, G4
80423-N	G3
80431	A35, G23
80436	A35, G4
80436-N	G3
80442	A35
80443	A35
80455	A35, G24
80479	A35, G24
80501	G28
80503	G28
80504	G29
80505	G30
80506	G30
80508	G30
80509	G28
80511	G28
80512	G28
80513	G28
80514	G29
80516	G29, G30
80521	G30
80525	G29
80526	G20
80528	G20
80530	G20
80532	G12
80601	A35, G29
80605	A35, G30
80608	A35, G30
80609	A35, G29
80611	A35, G29
80612	A35, G29
80700	G39
80701	G6
80701-RE	G10
80703	G6
80703-COI	G10
80703-COW	G10
80703-GFI	G10
80703-GFW	G10
80703-IG	D2, G9
80703-RE	G10
80704	G7
80704-IG	D2, G9
80705	G8
80706	G8
80707	G8
80708	G8
80709	G6
80711	G6
80712	G6
80714	G7
80716	G6
80718	G7
80719	G8
80720	G7
80721	G8
80723	G6
80725	G7
80726	G7
80728	G7
80730	G8
80731	G8
80732	G8
80734	G8
80735	G9
80736	G6
80743	G9
80745	G9
80746	G9
80747	G9
80781	G27, S14
80782	G27, S14
80800	O14
80800-3	O14
80827	O15
81000	O14
81000-3	O14
81000-L	O14
81000-L3	O14
81001	G13
81001-PB	G13
81003	G15
81003-PB	G15
81004	G16
81005	G22
81009	G13
81009-PB	G13
81011	G13
81011-PB	G13
81012	G14
81012-PB	G14
81013	G17
81014	G18
81016	G15
81016-PB	G15
81017	G17
81021	G22
81023	G14
81023-PB	G14
81025	G18
81036	G14
81040	G21
81045	G25
81079	G21
81080	G21
81127	O15
81401	A34, G4
81401-PB	A34, G4
81409	A34, G4
81409-PB	A34,G4
81411	A34, G4
81411-PB	A34, G4
81412	A34, G4
81423	A34, G4
81500	O14
81500-3	O14
81527	O15
82000	O14
82000-L	O14
82000-3	O14
82000-L3	O14
82001	G13
82003	G15
82004	G16
82005	G22
82009	G13
82011	G13
82012	G14
82013	G17
82014	G18
82016	G15
82021	G22
82023	G14
82025	G18
82036	G14
82400	A36
82400-PRT	G39
82601	G32
82602	G32
82605	G33
83000-PRT	G39
83001	G13
83003	G15
83004	G16
83005	G22
83009	G13
83011	G13
83012	G14
83013	G17
83014	G18
83014-EXT	G38
83016	G15
83025-EXT	G38
83026	G20
83028	G20
83400	A36
83401	A34, G4
83409	A34, G4
83411	G4
84000-PRT	G39
84000-T	G39
84000-PRT	G39
84000-TSD	G39
84001	G13
84001-40	G13
84001-E40	G26
84001-L0K	C6
84003	G15
84003-40	G15
84003-E40	G26
84003-IG	G26
84004	G16
84004-40	G16
84005	G22
84005-40	G22
84006-40	G23
84007	G22
84007-40	G22
84008-40	G24
84009	G13
84009-40	G13
84011	G13
84011-40	G13
84012	G14
84012-40	G14
84013	G17
84013-40	G17
84014	G18
84014-40	G18
84016	G15
84016-40	G15

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
84016-E40	G26
84017-40	G17
84018-40	G18
84019	G19
84019-40	G19
84020-40	G20
84021-40	G22
84022	G20
84023-40	G14
84025	G18
84025-40	G18
84026	G20
84028	G20
84030-40	G15
84033-40	G18
84034-40	G19
84035-40	G19
84036-40	G14
84037-40	G18
84039-40	G21
84040-40	G21
84041	G15
84042-40	G22
84043	G22
84045-40	G25
84046-40	G24
84047-40	G25
84048-40	G14
84049-40	G14
84050-40	G14
84052-40	G16
84055-40	G15
84056-40	G15
84057-40	G19
84061-40	G17
84062-40	G17
84064	G19
84064-40	G19
84065-40	G19
84066-40	G19
84067-40	G19
84068-40	G19
84070-40	G14
84071-40	C9, G20, G38
84077-40	G23
84078-40	G24
84079-40	G21
84080-40	G21
84081-40	G22
84085-40	G24
84087-40	G24
84088-40	G22
84092-40	G21
84101	G31
84101-40	G31
84103	G31
84103-40	G31
84104-40	G31
84105-40	G33
84109-40	G31
84111-40	G31
84112-40	G31
84114	G32
84114-40	G32
84116	G31
84116-40	G31
84119-40	G33
84121-40	G34
84125-40	G32
84130-40	G31
84133-40	G32
84134-40	G33
84137	G32
84137-40	G32
84146-40	G33
84147-40	G34
84400	36
84400-PRT	G39
84401-40	A34, G4
84409-40	A34, G4
84411-40	A34, G4
84412-40	A34, G4
84421-40	G23
84423-40	A34, G4
84436-40	A34, G4
84440	G39
84441	G27
84442	G27
84443	G27
84444	G27
84445	G27
84446	G27
84455-40	A34, G24
84500-PRT	G39
85000-PRT	G39
85001	G13
85003	G15
85004	G16
85005	G22
85006	G23
85007	G22
85008	G24
85009	G13
85011	G13
85012	G14
85013	G17
85014	G18
85016	G15
85017	G17
85018	G18
85019	G19
85021	G22
85023	G14
85025	G18
85030	G15
85033	G18
85034	G19
85035	G19
85036	G14
85037	G18
85041	G15
85047	G25
85052	G16
85057	G19
85062	G17
85064	G19
85101	G31
85103	G31
85105	G33
85106	G33
85108	G34
85109	G31
85111	G31
85114	G32
85116	G31
85309	G35
85400	A36
85400-PRT	G39
85500-PRT	G39
86000-PRT	G39
86001	G13
86002	N3
86003	G15
86004	G16, S17
86005	G22
86006	G23
86007	G22
86008	G24
86009	G13
86011	G13
86012	G14
86013	G17
86014	G18
86016	G15
86017	G17
86018	G18
86019	G19
86021	G22
86023	G14
86025	G18
86030	G15
86033	G18
86034	G19
86035	G19
86036	G14
86037	G18
86041	G15
86046	G24
86047	G25
86052	G16
86057	G19
86062	G17
86064	G19
86077	G24
86078	G24
86079	G21
86080	G21
86085	G24
86087	G24
86101	G31
86103	G31
86105	G33
86106	G33
86108	G34
86109	G31
86111	G31
86113	G32
86114	G32
86116	G31
86400	A36
86400-PRT	G39
86593	F3
86601	G32
86602	G32
86605	G33
86500-PRT	G39
86676	O15
86677	O15
86678	O15
86679	O15
87000-PRT	G39
87001	G13
87003	G15
87004	G16
87005	G22
87006	G23
87009	G13
87011	G13
87012	G14
87014	G18
87016	G15
87018	G18
87021	G22
87025	G18
87030	G15
87400	A36
87400-PRT	G39
88000-PRT	G39
88001	G13
88002	N3

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Catalog Number Index

IMPORTANT: Dash-numbers, indicating different product colors or other variations, are listed on the same page as the basic catalog numbers shown below, unless otherwise indicated.

Cat. No.	Page No.
88003	G15
88004	G16
88005	G22
88006	G23
88007	G22
88008	G24
88009	G13
88011	G13
88012	G14
88013	G17
88014	G18
88016	G15
88017	G17
88018	G18
88019	G19
88021	G22
88023	G14
88025	G18
88030	G15
88033	G18
88034	G19
88035	G19
88036	G14
88037	G18
88041	G15
88046	G24
88047	G25
88052	G16
88057	G19
88062	G17
88064	G19
88077	G24
88078	G24
88079	G21
88080	G21
88085	G24
88087	G24
88101	G31
88103	G31
88105	G33
88106	G33
88109	G31
88111	G31
88113	G32
88114	G32
88116	G31
88400	A36
88400-PRT	G39
88500-PRT	G39
88601	G32
88602	G32
88605	G33
89400	A36
89500-PRT	G39
90572	M1
90577-010	M1
90679-001	M2
95080	L4
95110	L4
97092	L4

Notes

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Notes

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Notes

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Notes

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Notes

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Introducing Leviton's On-Line ez-Find™ Search Tool...Finally, You Can Have It All

Now the industry leader in electrical devices is also the leader in on-line access to product information and a whole lot more. That's because Leviton's ez-Find™ search tool gives you the power to access the most current, up-to-date product information on every product we offer...24/7 365 days a year.

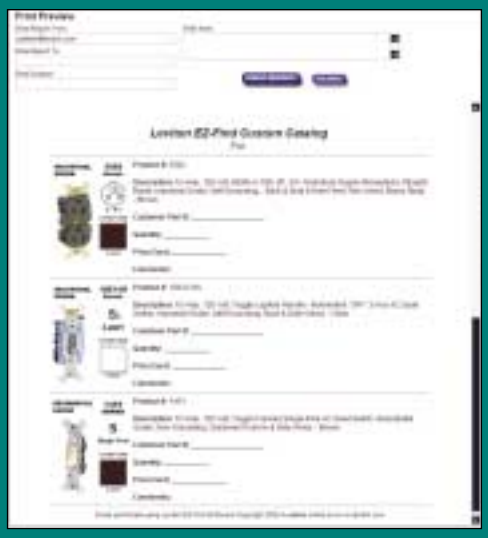
Easy Product Searches

- Find products by inserting Leviton's or a competitor's product number.
- Locate a product by a series of product description drop down menus.
- Search Dimmer-to-ballast compatibility.

Comprehensive Product Information

- Each listing gives you a complete product description, including features and benefits, dimensional data, wiring diagrams, complementary products, as well as the product's Leviton catalog page.
- All associated product brochures, spec bulletins and instruction sheets are also available in PDF format for on-the-spot download. Product information can also be emailed or printed for immediate use.

In addition to putting the power of comprehensive product information at your fingertips, Leviton's ez-Find also gives you the power to be more productive with that information.



List Builder

- Allows you to create and store multiple lists of products
- Customize lists to include pricing and customer part numbers when applicable.

Report Builder

- Create a custom report from the items you've added to List Builder.
- Report Cover Information supplied by you is used to generate a custom report cover.
- Choose from various report types and preview reports before printing or emailing them to clients, suppliers, or co-workers.

www.leviton.com

C-646/H3-140M rs

Courtesy of Steven Engineering, Inc.-230 Ryan Way, South San Francisco, CA 94080-6370-Main Office: (650) 588-9200-Outside Local Area: (800) 258-9200-www.stevenengineering.com

Leviton's Complete Line of Catalogs

Leviton Integrated Networks Home Systems

Leviton Integrated Networks' Structured Media™ systems and components make it easy for homeowners to take full advantage of the latest communication and entertainment technologies. Includes systems for home control, security, lighting control, power quality and special needs groups.

Power Quality Products

Virtually every facility has microprocessor-driven electronic equipment that is vulnerable to the disruptive and damaging effects of transient voltage surges, voltage sags and power outages. Leviton offers a full line of surge protective devices and Uninterruptible Power Supplies (UPS) to help protect this equipment.

Lighting Control Products

A comprehensive offering of Leviton's state-of-the-art lighting control products, including our extensive line of architectural lighting control systems, box-mounted lighting and fan speed controls, occupancy sensors and DHC powerline carrier home automation products.

Decora Home Controls Technical Manual

A complete guide to Decora Home Controls (DHC) powerline carrier components for scene lighting and automated control of lighting and appliances throughout the home. Includes wiring diagrams, technical information and suggested applications.

Decora Collection of Designer Devices

A comprehensive look at the Decora collection of designer-styled switches, receptacles, wallplates, lighting controls, voice, data, video and audio devices, and Decora Home Controls. These devices combine sleek design with advanced technology to provide an elegant finishing touch in any interior.

Structured Wiring Installation Manual

In-depth descriptions of industry standards, warranties, installer certification, ordinances, tools, job planning, system design and installation techniques for residential structured wiring.

Night and Day Designer Color Collection

The most complete collection of residential and commercial Almond and Black colored wiring devices available from a single source. Includes electronic and communications devices.

Home Cabling User Guide

A user guide to structured wiring components and applications. Features suggestions and tips for the placement of TVs, audio/video components, computers, telephones and other devices that utilize structured wiring. Also includes a glossary and Frequently Asked Questions section.

Structured Cabling Systems

Leviton offers a wide range of structured cabling/structured media products for any type of home or office project, new or retrofit. Includes everything from multimedia connectors to cable management to fiber optic panels and more.

Industrial Wiring Devices

From Leviton's Industrial Products Division, a complete source of industrial wiring devices for industrial, institutional, commercial and OEM applications. Includes detailed product specifications, dimensional drawings and technical information.

FOR MORE INFORMATION ABOUT OTHER LEVITON PRODUCTS,
PLEASE CALL OUR CUSTOMER SERVICE AT 1-800-323-8920

LEVITON®
Building a Connected World

Leviton Manufacturing Co., Inc.
59-25 Little Neck Parkway, Little Neck, NY 11362-2591
Telephone: 1-800-323-8920 • FAX: 1-800-832-9538
Tech Line (8:30AM–7:30PM E.S.T. Monday–Friday): 1-800-824-3005

Leviton Manufacturing of Canada, Ltd.
165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9
Telephone: 1-800-469-7890 • FAX: 1-800-563-1853

Leviton S.A. de C.V.
General Arista 54-A Col. Argentina, Mexico D.F., C.P. 11270
Telephone: 011-525-386-1131, 011-525-386-2052 • FAX: 011-525-386-1797

Visit Leviton's Website at: www.leviton.com

ISO 9001 REGISTERED Quality Manufacturer

© 2003 Leviton Manufacturing Co., Inc. All rights reserved.

C-646/F3-150M rs