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Configurable Solutions

Wiring devices configured for your job.

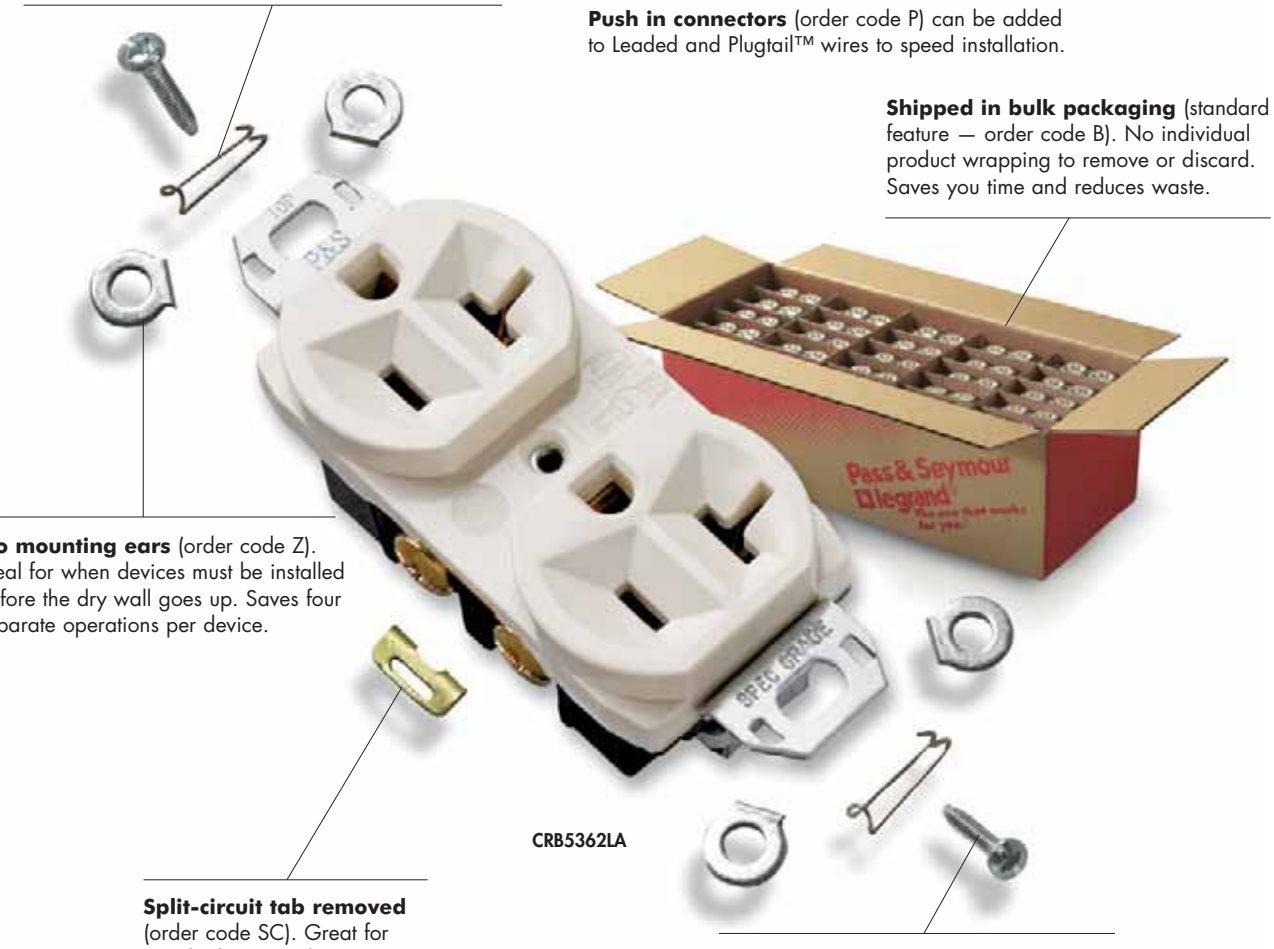
No ground clips (order code Y). If you're using the ground terminal and your own mounting hardware, ground clips would just be in the way. Choose this option and you won't have to remove them yourself.

Shim lock washers (order code F) are available to quickly eliminate floating. Make devices flush to wall surface without shimming or wall repair.

EXCLUSIVE! P&S EXCLUSIVE!

Push in connectors (order code P) can be added to Leaded and Plugtail™ wires to speed installation.

Shipped in bulk packaging (standard feature — order code B). No individual product wrapping to remove or discard. Saves you time and reduces waste.



CRB5362LA

No mounting ears (order code Z). Ideal for when devices must be installed before the dry wall goes up. Saves four separate operations per device.

Split-circuit tab removed (order code SC). Great for switched receptacle circuits. One less task to perform, more time saved.

No mounting screws (order code X). Saves you time and cuts waste when you're using your own mounting hardware.

Just a *few* of the many Configurable Solutions opportunities.

PS20AC2REDBZ
Red 20A Spec Grade Toggle Switch, bulk packaging, no mounting ears

8300LABZ
Light Almond 20A Hospital Grade Receptacle, bulk packaging, no mounting ears

2095HGWBXZ
Red 20A Hospital Grade GFCI with SafeLock™ Protection, bulk packaging, no mounting screws, no mounting ears

TM870WBZ
White TradeMaster® 15A Decorator Switch, bulk packaging, no mounting ears

26352LABZ
Light Almond Spec Grade 15A Decorator Receptacle, bulk packaging, no mounting ears

5362LASPBZ
Light Almond Heavy-Duty Specification Grade 20A TVSS Straight Blade Receptacle, bulk packaging, no mounting ears

CR20LABZSC
Light Almond Specification Grade 20A Receptacle, bulk packaging, no mounting ears, split-circuit tab removed

PTRA6STR
All PlugTail™ Connectors are available in any wire length up to 25 inches. To order, add the letter "B" and the length requested to the end of the catalog number.

100 piece minimum order for switches.
500 piece minimum order for receptacles.

Configurable Solutions

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Subtract waste. Add productivity. With P&S Configurable Solutions.

Now, there's an easy way to reclaim lost productivity. P&S Configurable Solutions offer you top-quality wiring devices in an unprecedented variety of configurations. So you can order them from the factory without the components you were going to have to remove yourself.

For electrical contractors, enhanced speed and flexibility.

Challenge: Performing repetitive installations in new medical office construction

P&S Configurable Solution: **8300HREDBZ** (Red Heavy-Duty Hospital Grade 20A Receptacle, bulk packaging, no mounting ears)

For prefabbers, less labor time per unit.

Challenge: Preassembled metal box on installation bracket, prewired with a GFCI receptacle

P&S Configurable Solution: **2095WBZ** (White Specification Grade 20A GFCI with SafeLock™ Protection, bulk packaging, no mounting ears)

For OEMs, lower assembled costs.

Challenge: Power strip with integral surge protection

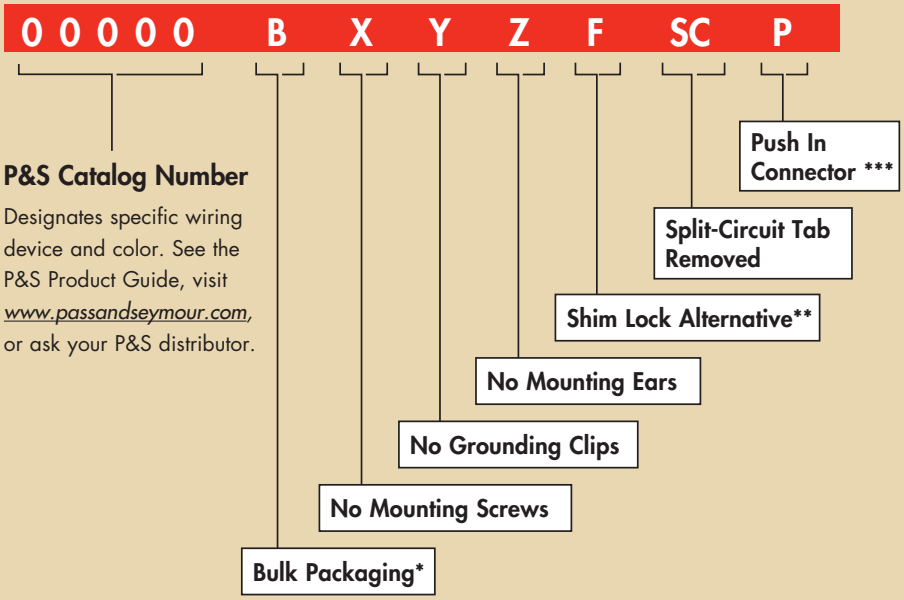
P&S Configurable Solution: **CRB5362LABXYZ** (Black Construction Specification Grade 20A Receptacle, bulk packaging, no mounting screws, no ground clips, no mounting ears)

How to order the Configurable Solution that works for you.

It's easy! Just start with the standard P&S catalog number — then add the suffix that denotes each specific characteristic you'd like your Configurable Solution to have. For a complete list of currently available configurations, see our Configurable Solutions Matrix at *www.passandseymour.com /configurablesolutions.* Don't see what you're looking for? Ask your P&S distributor or call 1-800-223-4185. We're adding solutions continuously. Refer to the chart at right for characteristic-designating codes.

Consult factory or web site before ordering.

EXAMPLE CATALOG NUMBER



* Standard Feature — no other packaging options available at this time.
** Shim Lock Alternative for flush mounting requires mounting screws.
*** Only available with Leaded and PlugTail™ products.

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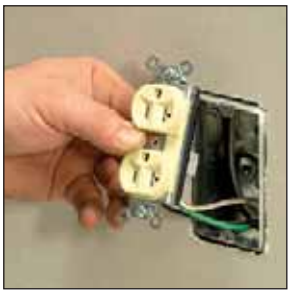
Technical Specifications
PlugTail™ Power Pre-Fabricated Wiring Systems



Constructing a condominium complex, office building or hotel and the wiring project is substantial or repetitive? Look to PlugTail Power Products from Pass & Seymour. With PlugTail Power, much of the electrical assembly is completed in advance, dramatically cutting project completion times.

Rough-in is fast and easy. PlugTail Power floor brackets slide under the sill plate so no vertical measuring is necessary. Wall brackets that attach to the stud are also available. Everything is pre-wired for fast rough in – P&S PlugTail Connector is pre-wired to the ground screw.

And all PlugTail Power Products are pre-packaged and shipped to the requirements of the contractor for fast job starts.

Each PlugTail Power assembly includes:
- Floor or wall bracket with one or two gang openings
- Pre-installed boxes
- Pre-installed rings available in 5/8" or 3/4" rise
- Far side support arms
- PlugTail devices pre-wired to ground screw

PlugTail Power can benefit you in many ways:
- PlugTail Power assemblies are packaged per contractor
- Simple installation – no vertical measuring necessary for mounting boxes
- Pre-mounted and grounded boxes cut install times
- Available in 2-1/2" and 3-1/2" depth, depending on wall thickness
- Pre-wired PlugTail Connector allows you to make device choices at finish

Floor Bracket Wired Assemblies – One and Two Gang

The P&S Floor Bracket Assembly consists of a floor bracket, 4-inch ring, back side support arm, 4-11/16 x 2-1/8 inch metal boxes, and PlugTail Right Angle Connectors with push-in connectors. The PlugTail Connectors are sealed in plastic to keep them finish-ready. The boxes are mounted independent of the rings to allow full box access when wiring. Multiple wire openings in the push-in wire connectors allow connection of in-line, end-of-line, or multi-wire branch circuits. A large selection of PlugTail Receptacles and GFCIs is available to complete the installation.

Installation: The Floor Bracket is installed by kicking the lower flange under the wall base. Two holes are provided for attachment screws, if required.

Wall Bracket Wired Assemblies – One and Two Gang

The P&S Wall Bracket Wire Assembly consists of a 9-1/2 x 5 inch wall bracket, 4-inch mud rings, back side support arm, 4-11/16 x 2-1/8 inch metal boxes, and PlugTail Right Angle Connectors with push-in wire connectors. The PlugTail Connectors are sealed in plastic to keep them finish-ready. The boxes are mounted independent of the rings to allow full box access when wiring. Multiple wire openings in the push-in wire connectors allow connection of in-line, end-of-line, or multi-wire branch circuits.

Installation: The Wall Bracket Assembly is quickly installed with screws using the holes provided in the bracket.

A large selection of PlugTail Receptacles and GFCIs is available to complete the installation. For more information, see Section B and Section C.

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Features

- Four-inch mud ring.
- Back side support arm.
- 18-inch box mounting height.
- 4-11/16" x 2-1/8" metal boxes.
- Push-in push wire connectors.
- PlugTail Right Angle Connectors with 12 AWG copper pigtails.
- Floor brackets are 16-gauge galvanized steel.
- Wall brackets are 18-gauge galvanized steel.

Catalog Number		
Single Gang Single PlugTail™	Double Gang Double PlugTail™	Description
Floor Bracket Wired Assemblies with Stranded Copper Pigtails		
PSF1185825	PSF2185825	5/8" ring rise, 2-1/2" wall depth
PSF1185835	PSF2185835	5/8" ring rise, 3-1/2" wall depth
PSF1187525	PSF2187525	3/4" ring rise, 2-1/2" wall depth
PSF1187535	PSF2187535	3/4" ring rise, 3-1/2" wall depth
Floor Bracket Wired Assemblies with Solid Copper Pigtails		
PSFS1185825	PSFS2185825	5/8" ring rise, 2-1/2" wall depth
PSFS1185835	PSFS2185835	5/8" ring rise, 3-1/2" wall depth
PSFS1187525	PSFS2187525	3/4" ring rise, 2-1/2" wall depth
PSFS1187535	PSFS2187535	3/4" ring rise, 3-1/2" wall depth
Wall Bracket Wired Assemblies with Stranded Copper Pigtails		
PSW15825	PSW25825	5/8" ring rise, 2-1/2" wall depth
PSW15835	PSW25835	5/8" ring rise, 3-1/2" wall depth
PSW17525	PSW27525	3/4" ring rise, 2-1/2" wall depth
PSW17535	PSW27535	3/4" ring rise, 3-1/2" wall depth
Wall Bracket Wired Assemblies with Solid Copper Pigtails		
PSWS15825	PSWS25825	5/8" ring rise, 2-1/2" wall depth
PSWS15835	PSWS25835	5/8" ring rise, 3-1/2" wall depth
PSWS17525	PSWS27525	3/4" ring rise, 2-1/2" wall depth
PSWS17535	PSWS27535	3/4" ring rise, 3-1/2" wall depth

PlugTail Receptacles and GFCIs sold separately.

PSF1185825

PSW15825

Features

- Ground wire pre-mounted to the box.
- Mud ring factory installed.
- 4" square x 1-1/2" or 2-1/8" metal boxes.
- PlugTail Right Angle Connectors with 12 AWG copper pigtails.
- All Double Gang Kits contain two right angle PlugTail connectors.

Catalog Number		
Single Gang	Double Gang	Description
Metal-Box Kits with Stranded Copper Pigtails		
MB4S1PTSTR	MB4S2PTSTR	4 Sq. 1-1/2" Metal Box, 5/8 MR, PTRA6STR
MBD4S1PTSTR	MBD4S2PTSTR	4 Sq. 2-1/8" Metal Box, 5/8 MR, PTRA6STR
MB4S1SPTSTR	MB4S2SPTSTR	4 Sq. 1-1/2" Metal Box, 3/4 MR, PTRA6STR
MBD4S1SPTSTR	MBD4S2SPTSTR	4 Sq. 2-1/8" Metal Box, 3/4 MR, PTRA6STR
Metal-Box Kits with Solid Copper Pigtails		
MB4S1PTSOL	MB4S2PTSOL	4 Sq. 1-1/2" Metal Box, 5/8 MR, PTRA6SOL
MBD4S1PTSOL	MBD4S2PTSOL	4 Sq. 2-1/8" Metal Box, 5/8 MR, PTRA6SOL
MB4S1SPTSOL	MB4S2SPTSOL	4 Sq. 1-1/2" Metal Box, 3/4 MR, PTRA6SOL
MBD4S1SPTSOL	MBD4S2SPTSOL	4 Sq. 2-1/8" Metal Box, 3/4 MR, PTRA6SOL

Unit only ships in quantities of 24.

MBD4S1PTSTR

MBD4S1SPTSTR

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Technical Specifications

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Technical Specifications

For convenience, the following listings define common acronyms for a variety of organizations.

Standards Development Organization

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, Inc.
ANSI	American National Standards Institute
CANENA	Consejo de Armonizacion de Normas Electrotecnicas de Naciones America (Council for Harmonization of Electrotechnical Standardization of the Nations of the Americas)
SAE	Society of Automotive Engineers
ISA	Instrument Society of America
SME	Society of Manufacturing Engineers
ISO	International Standards Organization

Codes & Standards

Installation codes and product safety, performance on interchangeability standards.

NEC	National Electrical Code
NOM	Normas Oficiales de Mexicanas (Official Mexican Standard)
NMX	Normas Mexicanas
CEC	Canadian Electrical Code

Industry Associations

Associations of companies or individuals 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
BICSI	Building Industry Consulting Services International
IBI	Intelligent Building Institute
EPRI	Electric Power Research Institute
NEMRA	National Electrical Manufacturers Representatives Association
IAEI	International Association of Electrical Inspectors
IFMA	International Facilities Management Association
BOMA	Building Owner Management Association
SEMI	Semi-Conductor Equipment and Material International
CEMRA	Canadian Electrical Manufacturers Representative 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
HLCA	Home Lighting Control Alliance
USGBC	U.S. Green Building Council

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Technical Specifications
Associations, Organizations, & Standards

Certification Agencies

Primarily involved in certification of products or manufacturers to standards developed by the certification agency or by others.

UL	Underwriters' Laboratories, Inc.
cUL	Tested to Canadian Safety Standards by Underwriters' Laboratories, Inc.
cULus	Tested to U.S. and Canadian Safety Standards by 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
BSI	British Standards Institute
FM	Factory Mutual
NRTL	Nationally Recognized Testing Laboratories

Government Agencies

OSHA	Occupational Safety and Health Administration
FCC	Federal Communications Commission
DSSC	Defense Supply Center, Columbus
IAPA	Independent Accident and Protection Association (Canada)
LEED	Leadership in Energy and Environmental Design

Copies of standards referred to on the preceding pages may be purchased from the following:

Underwriters' Laboratories, Inc. (UL)

1285 Walt Whitman Road
Melville, NY 11747

333 Pfingston Road
Northbrook, IL 60062

1655 Scott Boulevard
Santa Clara, CA 95050

12 Laboratory Drive
Research Triangle Park, NC 27709

2600 N.W. Lake Road
Camas, WA 98607

The Canadian Standards Association (CSA)

Standards Division
178 Rexdale Boulevard
Rexdale, Ontario
Canada M9W 1R3

The American National Standards Institute (ANSI)

1430 Broadway
New York, NY 10018

National Electrical Manufacturers Association (NEMA)

2101 L Street, NW, Suite 300
Washington, DC 20037

National Fire Protection Association (NFPA)

Batterymarch Park
Quincy, MA 02269

The International Electrotechnical Commission (IEC)

Copies of IEC standards may be obtained from the American National Standards Institute (ANSI) at the above address.

American Boat and Yacht Council, Inc. (ABYC)

P.O. Box 806
Amityville, NY 11701

Asociacion Nacional de Normalizacion y Certificacion del Sector Electrico A.C. (NOM-ANCE)

Insurgentes Sur 664, 3ER Piso
Col. Del Valle
03100 Mexico D.F.
Phone: 011-525-227-1110
Fax: 011-525-227-1177

Occupational Safety and Health Administration

200 Constitution Avenue N.W.
Room 3647
Washington, DC 20210

General Outlets

- Outlet
- Blanked Outlet
- Drop Cord
- Electrical Outlet: for use only when circle used alone might be confused with columns, plumbing symbols, etc.
- Fan Outlet
- Junction Box
- Lamp Holder
- Lamp Holder with Pull Switch
- Pull Switch
- Outlet for Vapor Discharge Lamp
- Exit Light Outlet
- Clock Outlet (Specify Voltage)

Convenience Outlets

- Duplex Convenience Outlet
- Convenience Outlet other than Duplex
  1 = Single, 3 = Triplex, etc.
- Weatherproof Convenience Outlet
- Range Outlet
- Switch and Convenience Outlet
- Radio and Convenience Outlet
- Special Purpose Outlet
- Floor Outlet

Switch Outlets

S	Single Pole Switch
S_2	Double Pole Switch
S_3	Three Way Switch
S_4	Four Way Switch
S_D	Automatic Door Switch
S_E	Electrolier Switch
S_K	Key Operated Switch
S_P	Switch and Pilot Lamp
S_{CB}	Circuit Breaker
S_{WCB}	Weatherproof Circuit Breaker
S_{MC}	Momentary Contact Switch
S_{RC}	Remote Control Switch
S_{WP}	Weatherproof Switch
S_F	Fused Switch
S_{WF}	Weatherproof Fused Switch

Special Outlets

Any Standard Symbol as given above with the addition of a lower case subscript letter may be used

to designate some special variation of Standard Equipment of particular interest in a specific set of Architectural Plans. When used they must be listed in the Key of Symbols on each drawing and if necessary further described in the specifications.

Panels, Circuits & Miscellaneous

- Lighting Panel
- Power Panel
- Branch Circuit: Concealed in Ceiling or Wall
- Branch Circuit: Concealed in Floor
- Branch Circuit: Exposed
- Home Run to Panel Board. Indicate number of Circuits by number of arrows.
  Note: Any circuit without further designation indicates a two-wire circuit. For a greater number of wires indicate as follows: /// (3 wires), //// (4 wires), etc.
- Feeders: **Note:** Use heavy lines and designate by number corresponding to listing in Feeder Schedule.
- Underfloor Duct and Junction Box. Triple System.
  Note: For double or single systems eliminate one or two lines. This symbol is equally adaptable to auxiliary system layouts.
- Generator
- Motor
- Instrument
- Power Transformer. (Or draw to scale.)
- Controller
- Isolating Switch

Auxiliary Systems

- Push Button
- Buzzer
- Bell
- Annunciator
- Outside Telephone
- Interconnecting Telephone
- Telephone Switchboard
- Bell Ringing Transformer
- Electric Door Opener
- Fire Alarm Bell
- Fire Alarm Station
- City Fire Alarm Station
- Fire Alarm Central Station
- Automatic Fire Alarm Device
- Watchman's Station
- Watchman's Central Station
- Horn
- Nurse's Signal Plug
- Maid's Signal Plug
- Radio Outlet
- Signal Central Station
- Interconnection Box
- Battery
- Auxiliary System Circuits
  Note: Any line without further designation indicates System. For a greater number of wires designate with numerals in manner similar to 12-No. 18 W-3/4" C., or designate by number corresponding to listing in Schedule.
- Special Auxiliary Outlets
  Subscript letters refer to notes on plans or detailed description in specifications.

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Technical Specifications
NEMA Configurations – Straight Blade Devices

Straight Blade Plugs & Receptacles

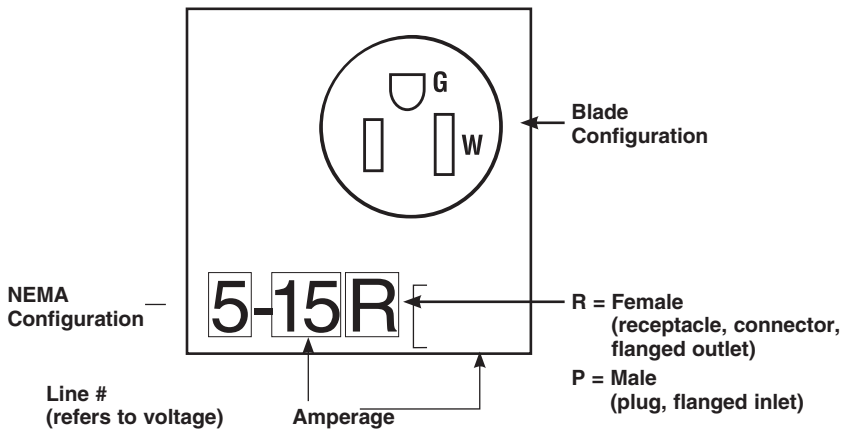
	15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2 Pole, 2 Wire Non-Grounding										
1 — 125V	1-15R									
2 — 250V				2-20P						
2 Pole, 3 Wire Grounding										
5 — 125V	5-15R	5-15P	5-20R	5-20P	5-30R	5-30P		5-50P		
6 — 250V	6-15R	6-15P	6-20R	6-20P	6-30R	6-30P	6-50R	6-50P		
7 — 277VAC	7-15R	7-15P	7-20R	7-20P		7-30P		7-50P		
3 Pole, 3 Wire Non-Grounding										
10 — 125/250V			10-20R	10-20P	10-30R	10-30P	10-50R	10-50P		
3 Pole, 4 Wire Grounding										
14 — 125/250V			14-20R	14-20P	14-30R	14-30P	14-50R	14-50P		14-60P
15 — 3ø250V				15-20P	15-30R	15-30P	15-50R	15-50P	15-60R	15-60P
4 Pole, 4 Wire Non-Grounding										
18 — 3øY 120/208V			18-20R	18-20P					18-60R	18-60P

Open Slots
Indicate receptacle configurations (female).

Closed Slots
Indicate plug blade configurations (male).

Labels and Their Meanings

X, Y, Z	Hot Lead
W	Neutral Lead
G	Grounding Lead



NEMA Configurations – Turnlok® Devices

Locking Plugs & Receptacles

	15 AMPERE		20 AMPERE		30 AMPERE	
	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2 Pole, 2 Wire Non-Grounding						
L1 125V	L1-15R	L1-15P				
L2 250V			L2-20R	L2-20P		
2 Pole, 3 Wire Grounding						
L5 125V	L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P
L6 250V	L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P
L7 277VAC	L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P
L24 347VAC			L24-20R	L24-20P		
L8 480VAC			L8-20R	L8-20P	L8-30R	L8-30P
L9 600VAC			L9-20R	L9-20P	L9-30R	L9-30P
3 Pole, 3 Wire Non-Grounding						
L10 125/250V			L10-20R	L10-20P	L10-30R	L10-30P
L11 3ø250V			L11-20R	L11-20P	L11-30R	L11-30P
L12 3ø480V			L12-20R	L12-20P	L12-30R	L12-30P
L13 3ø600V					L13-30R	L13-30P
3 Pole, 4 Wire Grounding						
L14 125/250V			L14-20R	L14-20P	L14-30R	L14-30P
L15 3ø250V			L15-20R	L15-20P	L15-30R	L15-30P
L16 3ø480V			L16-20R	L16-20P	L16-30R	L16-30P
L17 3ø600V					L17-30R	L17-30P
4 Pole, 4 Wire Non-Grounding						
L18 3øY 120/208V			L18-20R	L18-20P	L18-30R	L18-30P
L19 3øY 277/480V			L19-20R	L19-20P	L19-30R	L19-30P
L20 3øY 347/600V			L20-20R	L20-20P	L20-30R	L20-30P
4 Pole, 5 Wire Grounding						
L21 3øY 120/208V			L21-20R	L21-20P	L21-30R	L21-30P
L22 3øY 277/480V			L22-20R	L22-20P	L22-30R	L22-30P
L23 3øY 347/600V			L23-20R	L23-20P	L23-30R	L23-30P

Midget – Locking

	15 AMPERE	
	RECEPTACLE	PLUG
2 Pole, 2 Wire Non-Grounding		
ML1 125V	ML-1R	ML-1P
2 Pole, 3 Wire Grounding		
ML2 125V	ML-2R	ML-2P
3 Pole, 3 Wire Non-Grounding		
ML3 125/250V	ML-3R	ML-3P

Labels & Their Meaning

X, Y, Z	Hot Lead
W	Neutral Lead
G	Grounding Lead

Open Slots
Indicate receptacle configurations (female).

Closed Slots
Indicate plug blade configurations (male).

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Technical Specifications
UL Changes, Conversion & Wire Spec Chart

UL Rating Changes

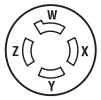
On July 1, 1983, UL cancelled listing of 3 non-NEMA dual-rated configurations and assigned new voltage ratings to them. There is no change in the slot/blade configurations and the catalog numbers for each series are now UL listed under their new voltage ratings. Affected configurations are:

1. 30A, 3 Pole, 3 Wire
not grounding Turnlok®
No. 3330 Series

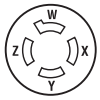
***Old Rating**
30A, 250V

New Rating
30A,125/250V

2. 20A, 4 Pole, 4 Wire
not grounding Turnlok
No. 7410 Series



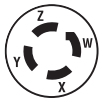
***Old Rating**
20A, 250V
10A, 600V



New Rating
20A, 120/208V 3øY

3. 30A , 4 Pole, 4 Wire
not grounding Turnlok
No. 3430 Series

***Old Rating**
30A, 600V
30A, 250V



New Rating
30A, 120/208V 3øY

Conversion Chart

Fractions to Decimals to Millimeters

Inches Fraction	Decimal	mm	Inches Fraction	Decimal	mm	Inches Fraction	Decimal	mm	Inches Fraction	Decimal	mm
1/64	0.0156	0.3969	17/64	0.2656	6.7469	33/64	0.5156	13.0969	49/64	0.7656	19.4469
1/32	0.0312	0.7938	9/32	0.2812	7.1438	17/32	0.5312	13.4938	25/32	0.7812	19.8437
3/64	0.0468	1.1906	19/64	0.2968	7.5406	35/64	0.5468	13.8906	51/64	0.7968	20.2406
1/16	0.0625	1.5875	5/16	0.3125	7.9375	9/16	0.5625	14.2875	13/16	0.8125	20.6375
5/64	0.0781	1.9844	21/64	0.3281	8.3344	37/64	0.5781	14.6844	53/64	0.8281	21.0344
3/32	0.0937	2.3812	11/32	0.3437	8.7312	19/32	0.5937	15.0812	27/32	0.8437	21.4312
7/64	0.1093	2.7781	23/64	0.3593	9.1281	39/64	0.6093	15.4781	55/64	0.8593	21.8281
1/8	0.1250	3.1750	3/8	0.3750	9.5250	5/8	0.6250	15.8750	7/8	0.8750	22.2250
9/64	0.1406	3.5719	25/64	0.3906	9.9219	41/64	0.6406	16.2719	57/64	0.8906	22.6219
5/32	0.1562	3.9688	13/32	0.4062	10.3188	21/32	0.6562	16.6688	29/32	0.9062	23.0188
11/64	0.1718	4.3656	27/64	0.4218	10.7156	43/64	0.6718	17.0656	59/64	0.9218	23.4156
3/16	0.1875	4.7625	7/16	0.4375	11.1125	11/16	0.6875	17.4625	15/16	0.9375	23.8125
13/64	0.2031	5.1594	29/64	0.4531	11.5094	45/64	0.7031	17.8594	61/ 64	0.9531	24.2094
7/32	0.2187	5.5562	15/32	0.4687	11.9062	23/32	0.7187	18.2562	31/32	0.9687	24.6062
15/64	0.2343	5.9531	31/64	0.4843	12.3031	47/64	0.7343	18.6531	63/64	0.9843	25.0031
1/4	0.2500	6.3500	1/2	0.5000	12.7000	3/4	0.7500	19.0500	1	1.0000	25.4000

Wire Specifications

Diameter Ranges of Jacketed Cord in Accordance with Standard “UL62”

Type*	AWG Size	2 Cond.	3 Cond.
SV,SVO,SVT,SVTO	18	.220-.255"	.230-.265"
	17	.235-.270"	.250-.285"

Type*	AWG Size	2 Cond.	3 Cond.	4 Cond.
SJ,SJO,SJT,SJTO	18	.280-.315"	.300-.335"	.325-.365"
	17	.290-.325"	.310-.345"	.340-.380"
	16	.305-.340"	.325-.360"	.350-.395"
	15	.315-.350"	.335-.375"	.370-.415"
	14	.335-.375"	.360-.395"	.390-.435"
	12	.405-.455"	.425-.475"	.465-.520"
	10	.540-.605"	.565-.635"	.625-.700"

Type*	AWG Size	2 Cond.	3 Cond.	4 Cond.	5 Cond.
S,SO,ST,STO	18	.340-.385"	.360-.400"	.385-.430"	.460-.510"
	17	.350-.390"	.370-.415"	.400-.445"	.465-.520"
	16	.365-.410"	.385-.430"	.410-.460"	.490-.550"
	15	.475-.530"	.500-.560"	.540-.610"	.615-.690"
	14	.495-.550"	.520-.575"	.560-.620"	.630-.705"
	12	.565-.625"	.590-.655"	.640-.710"	.700-.770"
	10	.615-.685"	.650-.720"	.700-.775"	.760-.840"
	8	.780-.880"	.830-.930"	.925-1.050"	1.000-1.150"
	6	.920-1.050"	.970-1.100"	1.050-1.200"	1.180-1.330"
	4	1.060-1.210"	1.130-1.280"	1.250-1.450"	
	2	1.210-1.400"	1.300-1.500"	1.450-1.650"	

*Actual sizes will vary by cord manufacturers.

IP Suitability Rating

IP Suitability Ratings are an international system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number, the greater the degree of protection; they apply ONLY to properly installed equipment. The numerals stand for the following:

1. First Number: Degree of protection for persons against access to hazardous parts inside the enclosure and/or against solid bodies.
2. Second Number: Degree of protection of equipment inside enclosures against damage from the ingress of water.

Example: IP44=Ingress Protection; Solid bodies >=1.0mm; Splashing

$\frac{IP44}{\text{Suitability}}$

Meaning for the Protection of Equipment		
Code Letters	First Number	Second Number
Ingress Protection	Against Ingress of Solid Bodies	Against Ingress of Water with Harmful Effects
IP	0 - Non-protected 1 – >=50 mm diameter 2 – >=12.5 mm diameter 3 – >=2.5 mm diameter 4 – >=1.0 mm 5 – Dust-protected 6 – Dust-tight	0 – Non-protected 1 – Vertically dripping 2 – Dripping (15° Tilted) 3 – Spraying 4 – Splashing 5 – Jetting 6 – Power jetting 7 – Temporary immersion 8 – Continuous immersion

Note: >= denotes greater than or equal to. Dimensions in Inches (mm)

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Technical Specifications

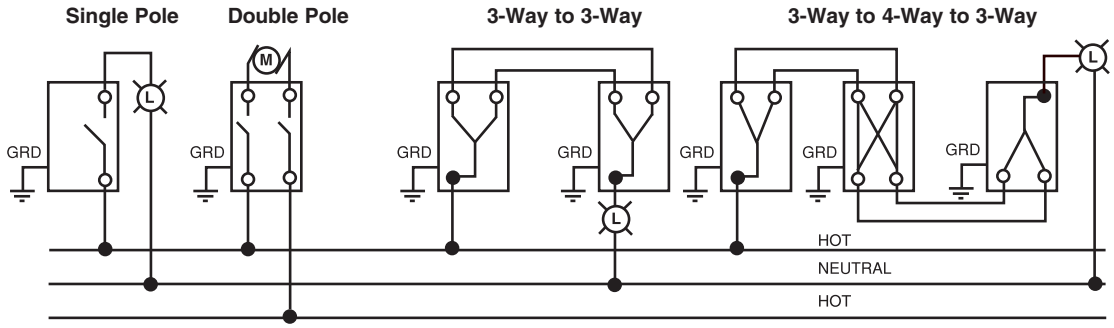
Horsepower Ratings for NEMA

Configuration Receptacles & Plugs Only

Ampere Rating	AC Voltage Rating	Phases	Poles	Horsepower Rating	NEMA Designation
15	125	1	2	1/2	1-15, L1-15, 5-15, L5-15
	250	1	2	1-1/2#	6-15, L6-15
	277	1	2	2	7-15, L7-15
	125/250	1	3	1-1/2 L-L# 1/2 L-N	14-15
	250	3	3	2	11-15, L11-15, 15-15
	120/208	3	4	2	18-15
20	125	1	2	1	5-20, L5-20
	250	1	2	2#	2-20, L2-20, 6-20, L6-20
	277	1	2	2	7-20, L7-20
	480	1	2	3	L8-20
	125/250	1	3	2 L-L# 1 L-N	10-20, L10-20, 14-20, L14-20
	250	3	3	3	11-20, L11-20, 15-20, L15-20
	480	3	3	5	L12-20, L16-20
	120/208	3	4	2	18-20, L18-20, L21-20
	277/480	3	4	5	L19-20, L22-20
30	125	1	2	2	5-30, L5-30
	250	1	2	2#	2-30, 6-30, L6-30
	277	1	2	3	7-30, L7-30
	480	1	2	5	L8-30
	125/250	1	3	2 L-L# 2 L-N	10-30, L10-30 14-30, L14-30
	250	3	3	3	11-30, L11-30, 15-30, L15-30
	480	3	3	10	L12-30, L16-30
	120/208	3	4	3	18-30, L18-30, L21-30
	277/480	3	4	10	L19-30, L22-30
50	125	1	2	2	5-50
	250	1	2	3	6-50
	277	1	2	5	7-50
	125/250	1	3	3 L-L# 2 L-N	10-50, 14-50
	250	3	3	7-1/2	11-50, 15-50
	120/208	3	4	7-1/2	18-50
60	125/250	1	3	3 L-L# 2 L-N	14-60
	250	3	3	10	15-60
	120/208	3	4	7-1/2	18-60

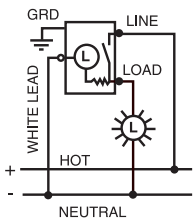
L-L: Motor connected line-to-line.
L-N: Motor connected line-to-neutral.
#: Also suitable for 208V motor applications at the indicated horsepower rating.

Switches

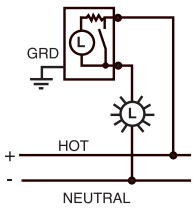


Pilot Light Switch & Lighted Toggle Switch

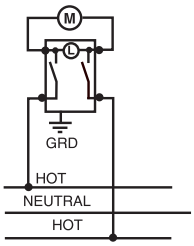
Single Pole Pilot Light Switch Toggle Glows when Light is On



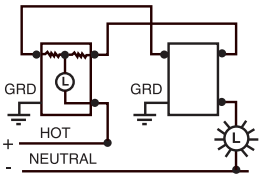
Single Pole Lighted Toggle Switch Toggle Glows when Switch is Off



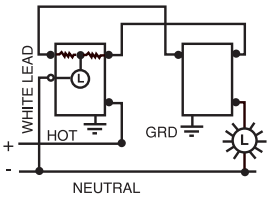
Double Pole Pilot Light Switch Toggle Glows when Switch is On



3-Way Lighted Toggle Switch (Two Lighted or Pilots May Be Used)



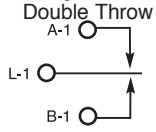
3-Way Pilot Lighted Toggle Switch



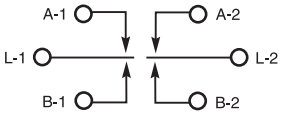
Maintained & Momentary Contact

Maintained Contact 3-Position, 2-Circuit Center "Off"

Single Pole Double Throw



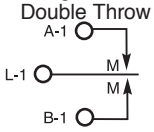
Double Pole Double Throw



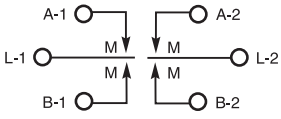
1222

Momentary Contact Either Direction 3-Position, Center "Off"

Single Pole Double Throw



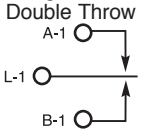
Double Pole Double Throw



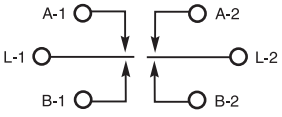
1256

Maintained Contact Either Direction 2-Position, No Center "Off"

Single Pole Double Throw



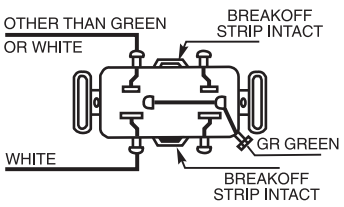
Double Pole Double Throw



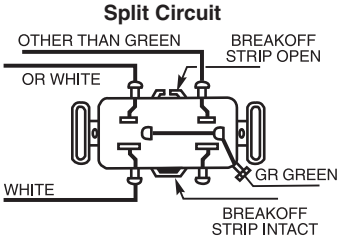
1276

Receptacles

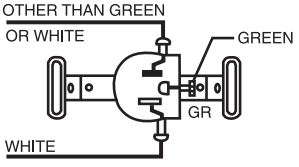
1 Circuit



Split Circuit



1 Circuit



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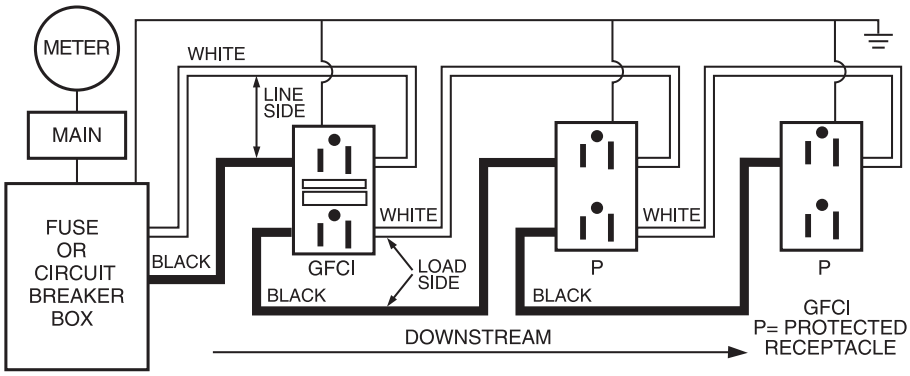
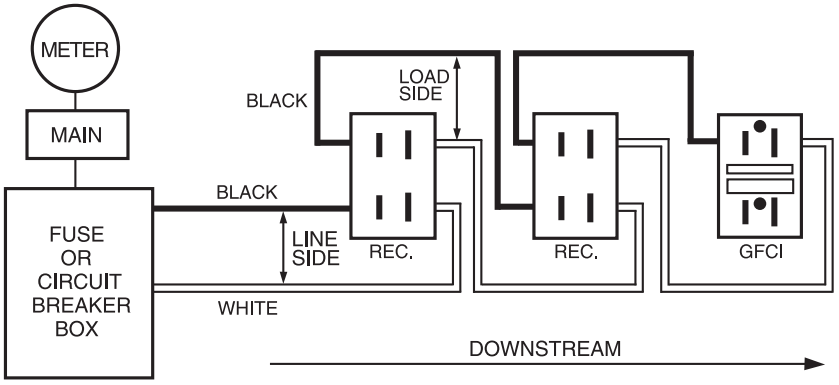
Technical Specifications
Wiring Diagrams – GFCIs

Wiring Diagram GFCI Receptacle, Feed-Thru Installation



To protect the entire branch circuit the GFCI must be the first receptacle from the fuse or circuit breaker box. Receptacles on the circuit between the GFCI and the box will not be protected, but receptacles downstream from the GFCI will have protection.

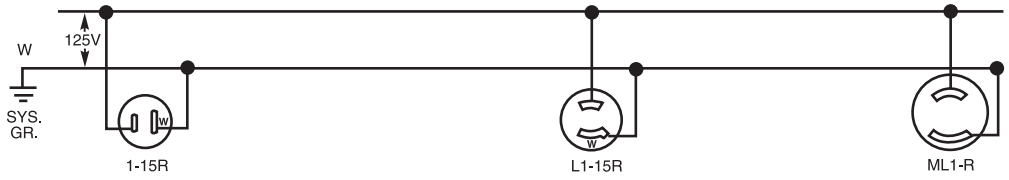
Wiring Diagram GFCI Receptacle, Non-Feed-Thru Installation



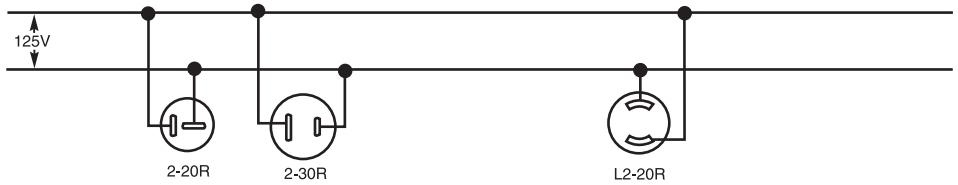
Terminal, or one-outlet-only protection can be achieved on a multi-outlet circuit by connecting the hot and neutral line conductors to the corresponding line side terminals of the GFCI. Only the GFCI receptacle will be protected.

2 Pole, 2 Wire Non-Grounding

125V

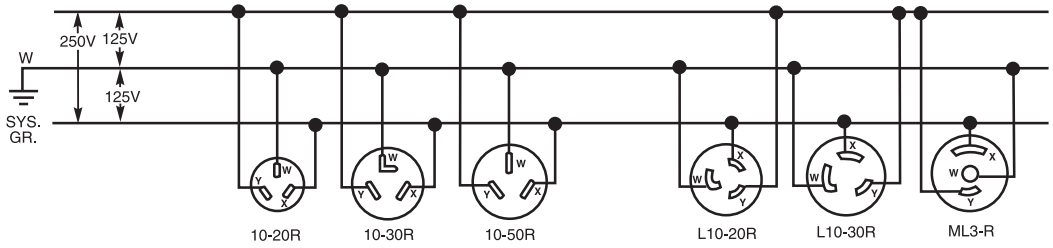


250V

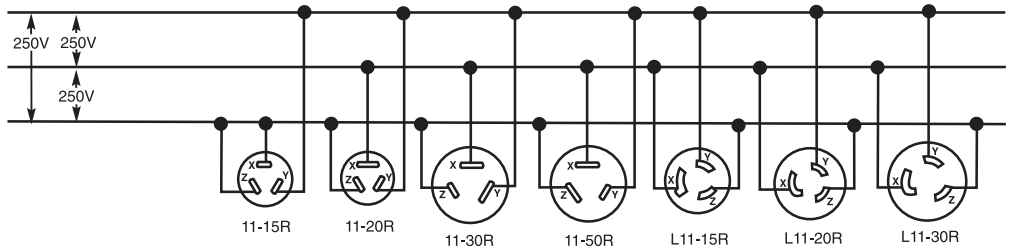


3 Pole, 3 Wire Non-Grounding

125V/250V



3ø250V



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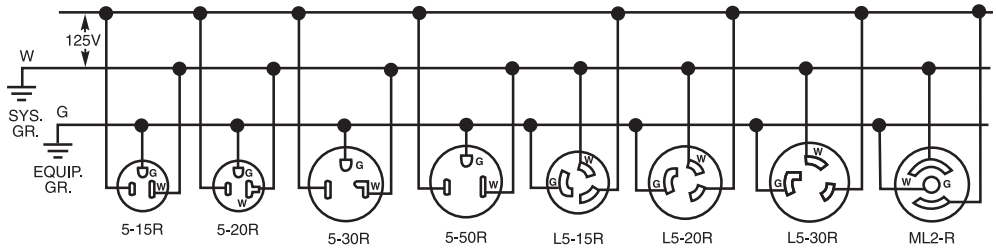
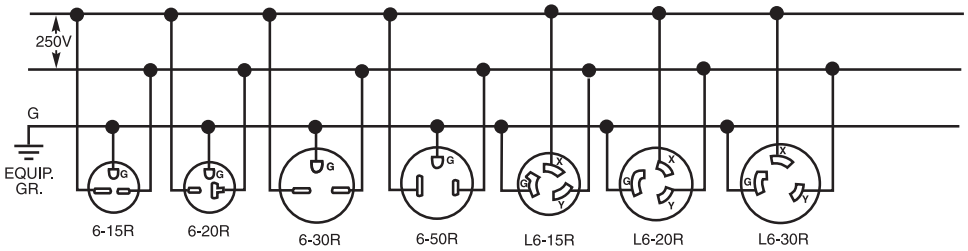
Technical Specifications
Wiring Diagrams – 2 Pole, 3 Wire Grounding

2 Pole, 3 Wire Grounding

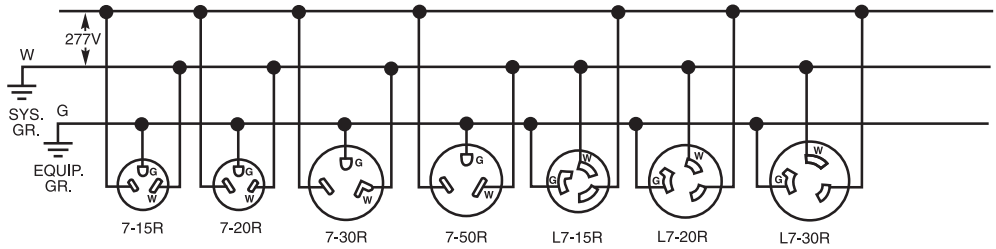
125V



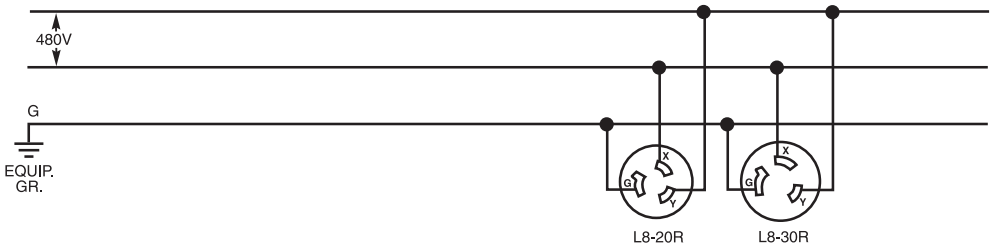
250V



277VAC

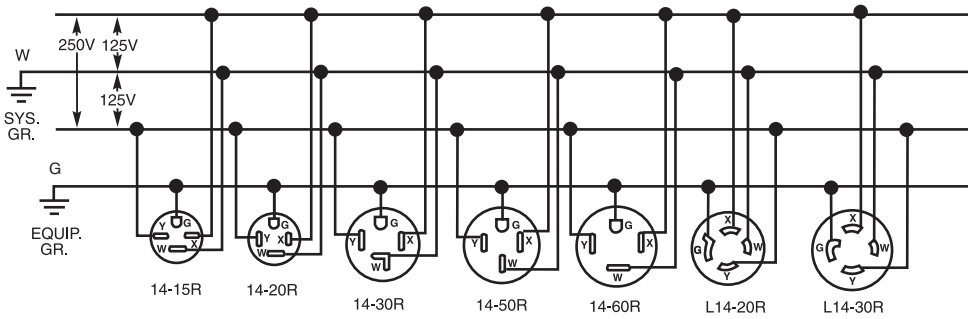


480VAC

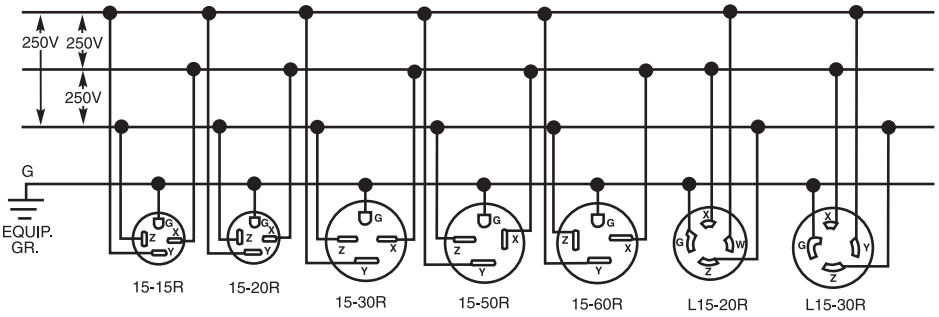


3 Pole, 4 Wire Grounding

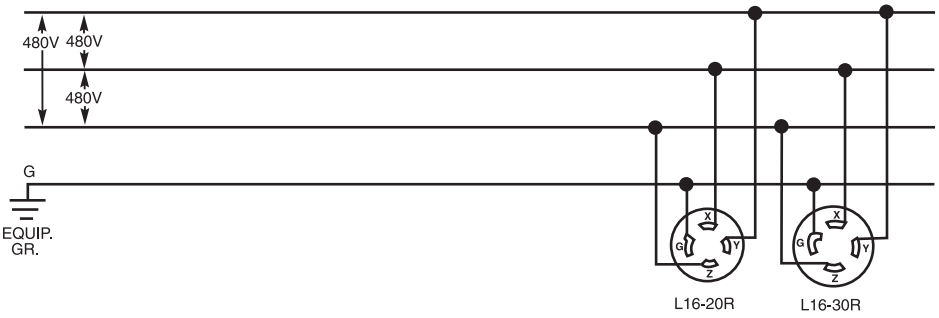
125V/250V



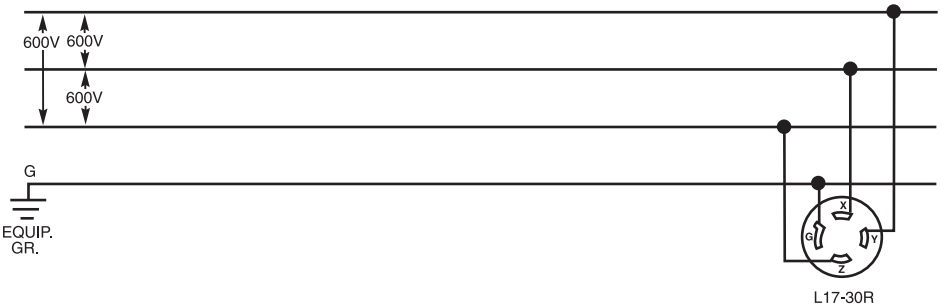
3ø250V



3ø480V



3ø600V



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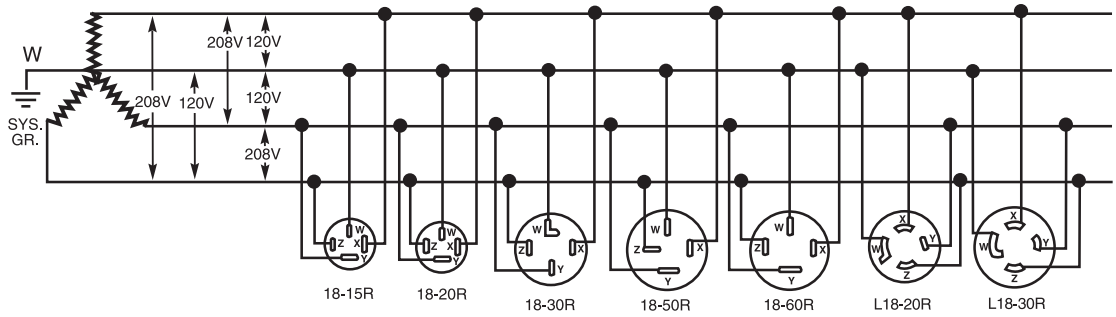
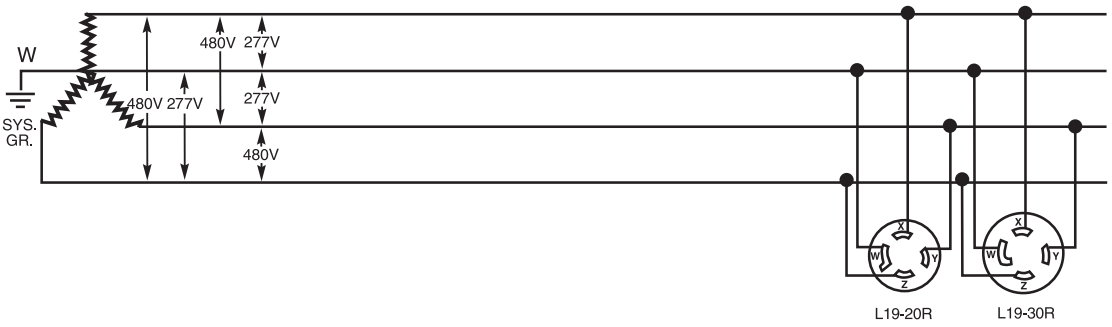
Technical Specifications
Wiring Diagrams – 4 Pole, 4 Wire Non-Grounding

4 Pole, 4 Wire Non-Grounding

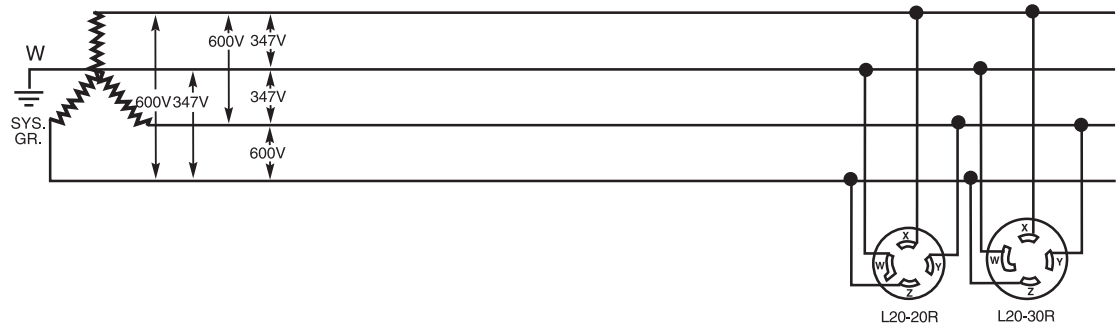
3øY120V/208V



3øY277/480V

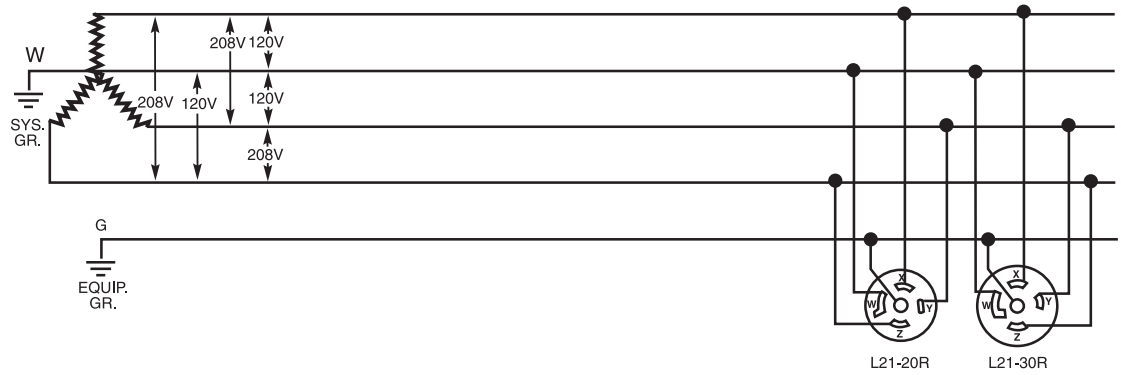


3ø347/600V

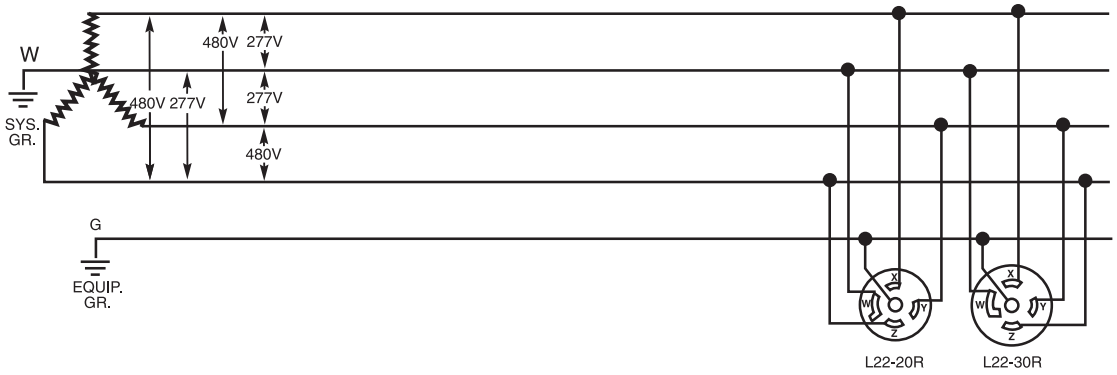


4 Pole, 5 Wire Grounding

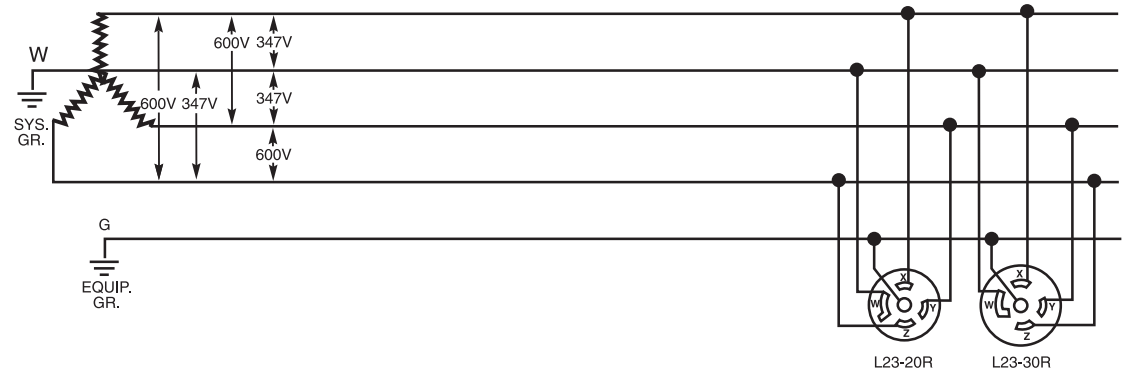
3øY120V/208V



3øY277/480V



3øY347/600V



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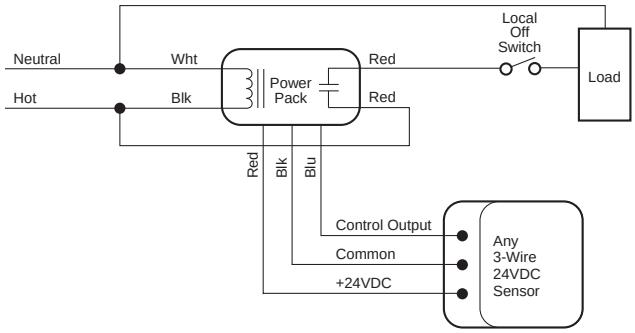
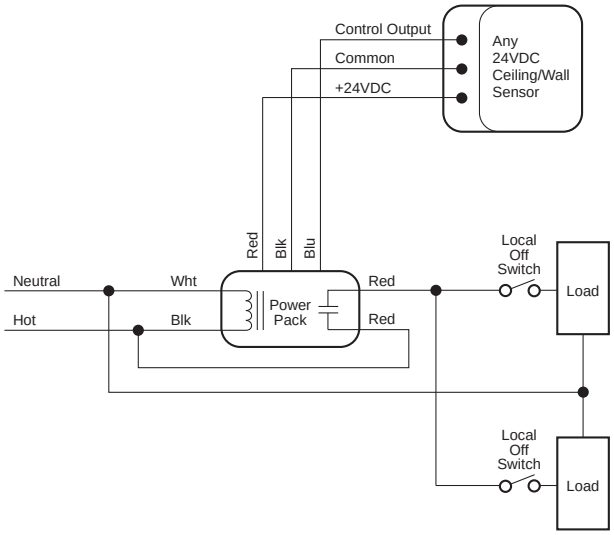
Technical Specifications
Wiring Diagrams – Sensors Connected to Power Packs

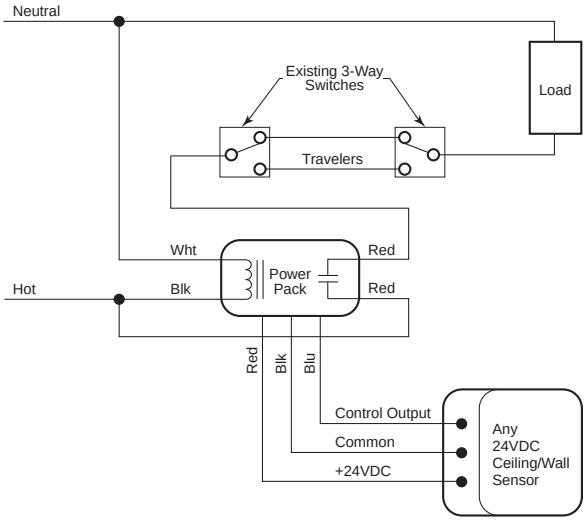
1 Sensor, 1 Power Pack
Standard Wiring



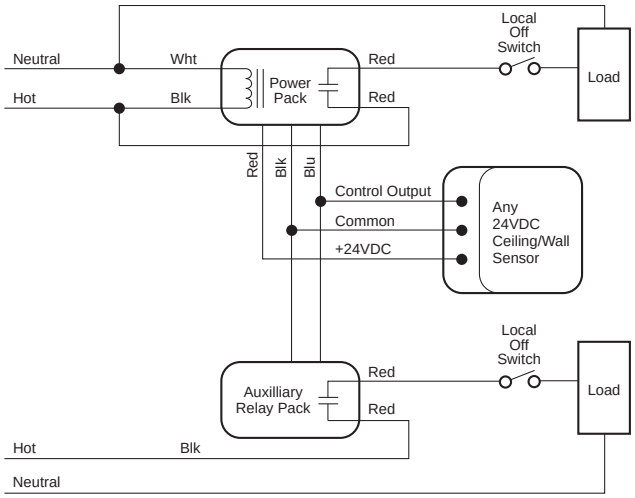
1 Sensor, 1 Power Pack
Bi-Level Lighting



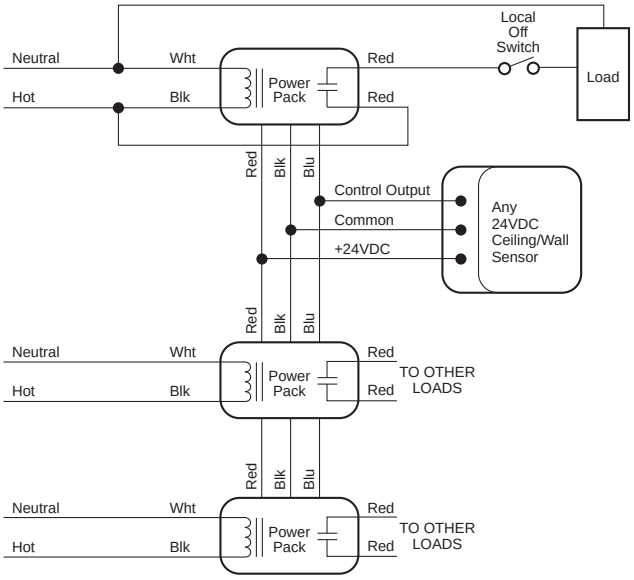
1 Sensor, 1 Power Pack
3-Way Switching



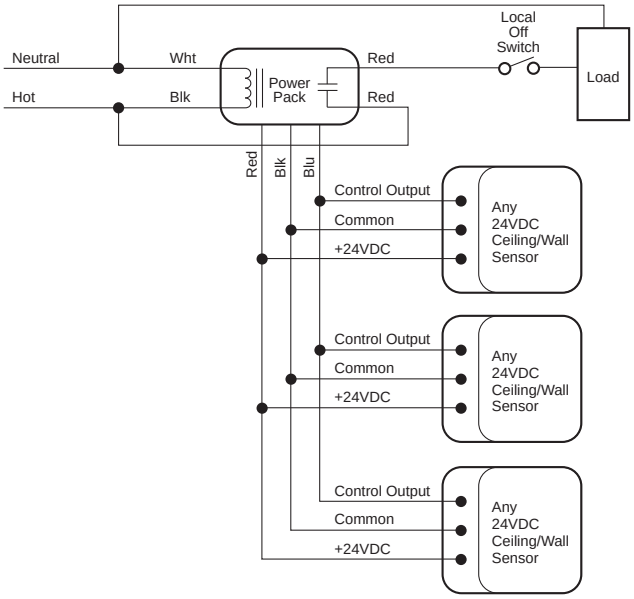
1 Sensor, 1 Power Pack
2 Lighting Loads



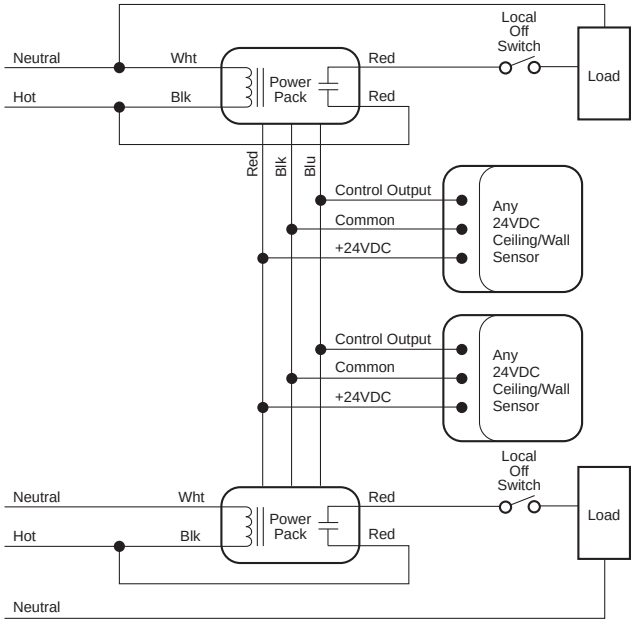
1 Sensor & Up to 3 Power Packs



Multiple Sensors, 1 Power Pack



Multiple Sensors, Multiple Power Packs



Pass & Seymour
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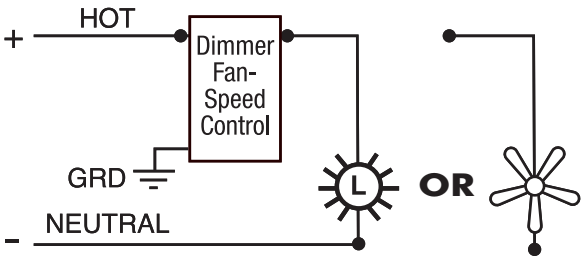
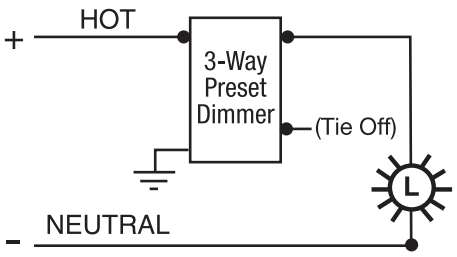
Technical Specifications
Wiring Diagrams – Dimmers & Fan Speed Controls

Single-Pole Wiring

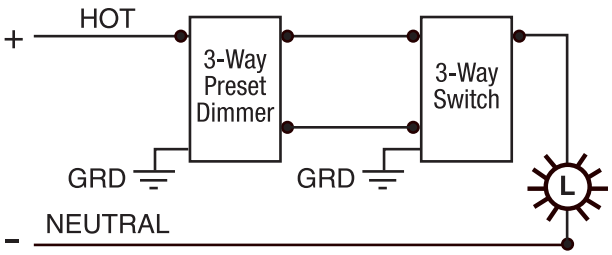


Single-Pole Wiring Using 3-Way Preset Dimmer

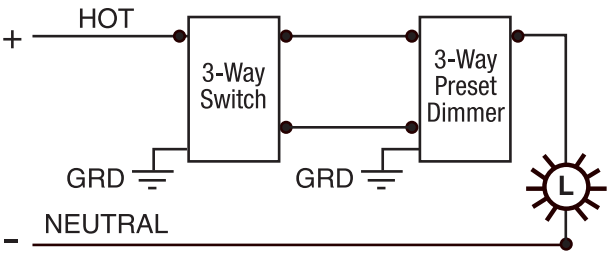


3-Way Wiring

Control Line Side



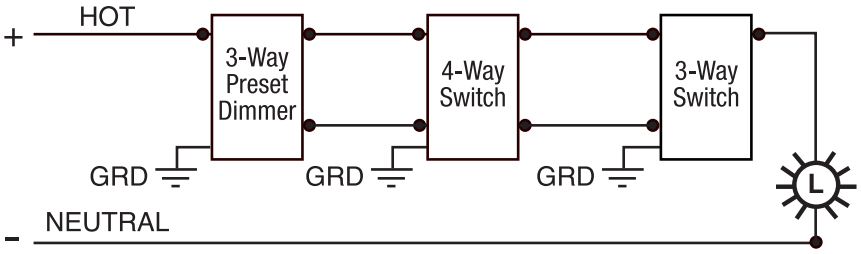
Control Load Side



OR

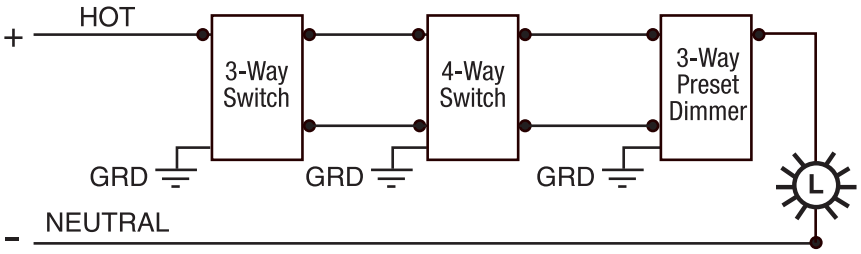
4-Way Wiring

Control Line Side



OR

Control Load Side



For Scene Director Wiring Diagrams, see Page N-13.

For Leandro® Wiring Diagrams, see Page N-12.

For Dual Timer Cat.# 97352 Wiring Diagrams, see Page M-19.

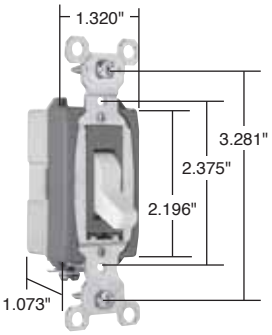
Technical Specifications

Industrial Extra Heavy-Duty Specification Grade Switches

Back & Side Wire 15, 20 & 30A, 120/277VAC

Pass & Seymour

legrand



15 & 20 Amp*

*30AC series is 1.437" wide

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS15AC1
Description: Industrial EHD Specification Grade Switch, Back & Side Wire
Rating: 15A, 120/277VAC
3rd Party Compliance: UL Listed File Number E140597; Standard UL20, General Use Snap Switches. Federal Specification WS896, CSA Certified, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description/Rating
❒PS15AC1I	Ivory	15A 120/277VAC, Single Pole
❒PS15AC1W	White	15A 120/277VAC, Single Pole
❒PS15AC1	Brown	15A 120/277VAC, Single Pole
❒PS15AC1GRY	Gray	15A 120/277VAC, Single Pole
❒PS15AC1LA	Lt. Al.	15A 120/277VAC, Single Pole
❒PS15AC2I	Ivory	15A 120/277VAC, Double Pole
❒PS15AC2W	White	15A 120/277VAC, Double Pole
❒PS15AC2	Brown	15A 120/277VAC, Double Pole
❒PS15AC2GRY	Gray	15A 120/277VAC, Double Pole
❒PS15AC2LA	Lt. Al.	15A 120/277VAC, Double Pole
❒PS15AC3I	Ivory	15A 120/277VAC, 3-Way
❒PS15AC3W	White	15A 120/277VAC, 3-Way
❒PS15AC3	Brown	15A 120/277VAC, 3-Way
❒PS15AC3GRY	Gray	15A 120/277VAC, 3-Way
❒PS15AC3LA	Lt. Al.	15A 120/277VAC, 3-Way
❒PS15AC4I	Ivory	15A 120/277VAC, 4-Way
❒PS15AC4W	White	15A 120/277VAC, 4-Way
❒PS15AC4	Brown	15A 120/277VAC, 4-Way
❒PS15AC4GRY	Gray	15A 120/277VAC, 4-Way
❒PS15AC4LA	Lt. Al.	15A 120/277VAC, 4-Way
❒PS20AC1I	Ivory	20A 120/277VAC, Single Pole
❒PS20AC1W	White	20A 120/277VAC, Single Pole
❒PS20AC1	Brown	20A 120/277VAC, Single Pole
❒PS20AC1GRY	Gray	20A 120/277VAC, Single Pole
❒PS20AC1BK	Black	20A 120/277VAC, Single Pole
❒PS20AC1RED	Red	20A 120/277VAC, Single Pole
❒PS20AC1LA	Lt. Al.	20A 120/277VAC, Single Pole
❒PS20AC2I	Ivory	20A 120/277VAC, Double Pole
❒PS20AC2W	White	20A 120/277VAC, Double Pole
❒PS20AC2	Brown	20A 120/277VAC, Double Pole
❒PS20AC2GRY	Gray	20A 120/277VAC, Double Pole
❒PS20AC2BK	Black	20A 120/277VAC, Double Pole
❒PS20AC2RED	Red	20A 120/277VAC, Double Pole
❒PS20AC2LA	Lt. Al.	20A 120/277VAC, Double Pole
❒PS20AC3I	Ivory	20A 120/277VAC, 3-Way
❒PS20AC3W	White	20A 120/277VAC, 3-Way
❒PS20AC3	Brown	20A 120/277VAC, 3-Way
❒PS20AC3GRY	Gray	20A 120/277VAC, 3-Way
❒PS20AC3BK	Black	20A 120/277VAC, 3-Way
❒PS20AC3RED	Red	20A 120/277VAC, 3-Way
❒PS20AC3LA	Lt. Al.	20A 120/277VAC, 3-Way
❒PS20AC4I	Ivory	20A 120/277VAC, 4-Way
❒PS20AC4W	White	20A 120/277VAC, 4-Way
❒PS20AC4	Brown	20A 120/277VAC, 4-Way
❒PS20AC4GRY	Gray	20A 120/277VAC, 4-Way
❒PS20AC4BK	Black	20A 120/277VAC, 4-Way
❒PS20AC4RED	Red	20A 120/277VAC, 4-Way
❒PS20AC4LA	Lt. Al.	20A 120/277VAC, 4-Way
❒PS30AC1I	Ivory	30A 120/277VAC, Single Pole
❒PS30AC1W	White	30A 120/277VAC, Single Pole
❒PS30AC1	Brown	30A 120/277VAC, Single Pole
❒PS30AC2I	Ivory	30A 120/277VAC, Double Pole
❒PS30AC2W	White	30A 120/277VAC, Double Pole
❒PS30AC2	Brown	30A 120/277VAC, Double Pole
❒PS30AC3I	Ivory	30A 120/277VAC, 3-Way
❒PS30AC3	Brown	30A 120/277VAC, 3-Way

Performance

Electrical	
Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	277VAC
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)
Mechanical	
Terminal Accommodations	#14 AWG – #10 AWG
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

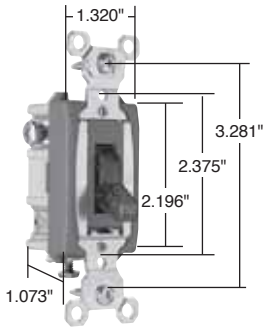
Back Body	Glass-Reinforced Nylon	Contacts	Silver Cadmium Oxide
Front Body	Nylon	Spring Arm	Brass
Toggle	Thermoplastic Polycarbonate	Bumper	Rubber
Terminals	Brass	Spring	Zinc-Plated Steel
Terminal Screws	Tri-Drive Brass	Ground Terminal	Brass
Mounting Strap	Nickel-Plated Steel	Ground Screw	Tri-Drive Zinc-Plated Steel
Pressure Plate	Brass	Auto-Ground Clip	Nickel-Plated Brass

Project

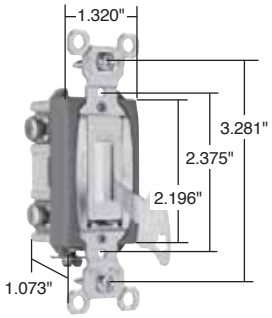
Location/Type

Pass & Seymour

legrand

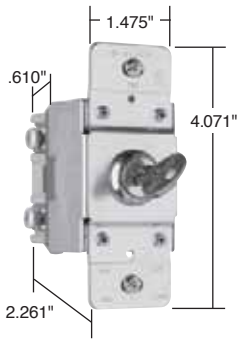


15 & 20 Amp Lighted & Pilot Lighted



Locking

30AC series is 1.437" wide



Security Switch

*For Lighted versions. May not be compatible with some fluorescent lighting loads.

**For Locking versions.

†For Security versions Ground Terminal is Zinc-Plated Steel. No Auto-Ground Clip on Security Switches.

Technical Specifications

Industrial Extra Heavy-Duty & Extra Heavy-Duty Specification Grade Switches

15, 20 & 30A, 120, 277 & 120/277VAC

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS15AC1ISL
Description: Industrial EHD Specification Grade Switch, Back & Side Wire
Rating: 15A, 120/277VAC
3rd Party Compliance: UL Listed, File Number E140597, Standard UL20, General Use Snap Switches. Federal Specification WS896, CSA Certified, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description/Rating	Catalog Number	Color	Description/Rating
❒PS15AC1CSL	Clear	15A 120/277VAC, Single Pole	❒PS20AC1KL	—	20A 120/277VAC, Single Pole
❒PS15AC1ISL	Ivory	15A 120/277VAC, Single Pole	❒PS20AC2CPL	Clear	20A 120/277VAC, Double Pole
❒PS15AC1WSL	White	15A 120/277VAC, Single Pole	❒PS20AC2RPL	Red	20A 120/277VAC, Double Pole
❒PS15AC1CPL	Clear	15A 120VAC, Single Pole	❒PS20AC2CPL	Clear	20A 120/277VAC, Double Pole
❒PS15AC1RPL	Red	15A 120VAC, Single Pole	❒PS20AC2RPL	Red	20A 120/277VAC, Double Pole
❒PS15AC1L	Gray	15A 120/277VAC, Single Pole	❒PS20AC2IL	Ivory	20A 120/277VAC, Double Pole
❒PS15AC3CSL	Clear	15A 120/277VAC, 3-Way	❒PS20AC2WL	White	20A 120/277VAC, Double Pole
❒PS15AC3ISL	Ivory	15A 120/277VAC, 3-Way	❒PS20AC2L	Gray	20A 120/277VAC, Double Pole
❒PS15AC3WSL	White	15A 120/277VAC, 3-Way	❒PS20AC2LAL	Lt. Al.	20A 120/277VAC, Double Pole
❒PS15AC3CPL	Clear	15A 120VAC, 3-Way	❒PS20AC2KL	—	20A 120/277VAC, Double Pole
❒PS15AC3RPL	Red	15A 120VAC, 3-Way	❒PS20AC3LASL	Lt. Al.	20A 120/277VAC, 3-Way
❒PS15AC3L	Gray	15A 120/277VAC, 3-Way	❒PS20AC3CPL	Clear	20A 120VAC, 3-Way
❒PS20AC1CSL	Clear	20A 120/277VAC, Single Pole	❒PS20AC3RPL	Red	20A 120VAC, 3-Way
❒PS20AC1ISL	Ivory	20A 120/277VAC, Single Pole	❒PS20AC3RPL7	Red	20A 277VAC, 3-Way
❒PS20AC1WSL	White	20A 120/277VAC, Single Pole	❒PS20AC3IL	Ivory	20A 120/277VAC, 3-Way
❒PS20AC1LASL	Lt. Al.	20A 120/277VAC, Single Pole	❒PS20AC3WL	White	20A 120/277VAC, 3-Way
❒PS20AC1LASL	Lt. Al.	20A 120/277VAC, Single Pole	❒PS20AC3L	Gray	20A 120/277VAC, 3-Way
❒PS20AC1CPL	Clear	20A 120VAC, Single Pole	❒PS20AC3REDL	Red	20A 120/277VAC, 3-Way
❒PS20AC1CPL7	Clear	20A 277VAC, Single Pole	❒PS20AC3LAL	Lt. Al.	20A 120/277VAC, 3-Way
❒PS20AC1RPL	Red	20A 120VAC, Single Pole	❒PS20AC3KL	—	20A 120/277VAC, 3-Way
❒PS20AC1RPL7	Red	20A 277VAC, Single Pole	❒PS20AC4IL	Ivory	20A 120/277VAC, 4-Way
❒PS20AC1CPL	Clear	20A 120VAC, Single Pole	❒PS20AC4WL	White	20A 120/277VAC, 4-Way
❒PS20AC1CPL7	Clear	20A 277VAC, Single Pole	❒PS20AC4L	Gray	20A 120/277VAC, 4-Way
❒PS20AC1RPL	Red	20A 120VAC, Single Pole	❒PS20AC4REDL	Red	20A 120/277VAC, 4-Way
❒PS20AC1RPL7	Red	20A 277VAC, Single Pole	❒PS20AC4LAL	Lt. Al.	20A 120/277VAC, 4-Way
❒PS20AC1IL	Ivory	20A 120/277VAC, Single Pole	❒PS20AC4KL	—	20A 120/277VAC, 4-Way
❒PS20AC1WL	White	20A 120/277VAC, Single Pole	❒PS30AC1RPL	Red	30A 120VAC, Single Pole
❒PS20AC1L	Gray	20A 120/277VAC, Single Pole	❒PS30AC2RPL	Red	30A 120/ 277VAC, Double Pole
❒PS20AC1LAL	Lt. Al.	20A 120/277VAC, Single Pole	❒PS30AC3RPL	Red	30A 120VAC, 3-Way

Performance

Electrical	
Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	277VAC
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)
Mechanical	
Terminal Accommodations	#14 AWG – #10 AWG
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

Back Body	Glass-Reinforced Nylon	Spring Arm	Brass
Front Body	Nylon	Bumper	Rubber
Toggle	Thermoplastic Polycarbonate	Spring	Zinc-Plated Steel
Key Slot**	Thermoplastic Polycarbonate	Ground Terminal†	Brass
Terminals	Brass	Ground Screw	Tri-Drive Zinc-Plated Steel
Terminal Screws	Tri-Drive Brass	Auto-Ground Clip†	Nickel-Plated Brass
Strap	Nickel-Plated Brass	Illuminating Lamp*	Neon
Pressure Plate	Brass	Lock Housing†	Stainless Steel
Contacts	Silver Cadmium Oxide		

Project

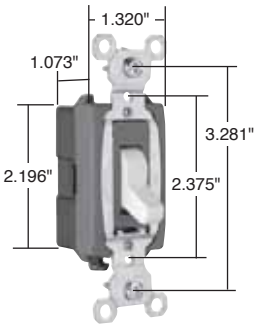
Location/Type

Technical Specifications
Hard Use Specification Grade Switches
Back & Side Wire 15 & 20A, 120/277VAC

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CSB15AC1
Description: Hard Use Specification Grade Switch, Back & Side Wire
Rating: 15A, 120/277VAC
3rd Party Compliance: UL Listed, File Number E140597, Standard UL20, General Use Snap Switches. Federal Specification WS896, CSA Certified, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches. Conforms to NEMA WD-1 and WD-6.



15 & 20 Amp

Catalog Number	Color	Description/Rating	Catalog Number	Color	Description/Rating
❒CSB15AC1I	Ivory	15A 120/277VAC, Single Pole	❒CSB15AC3I	Ivory	15A 120/277VAC, 3-Way
❒CSB15AC1W	White	15A 120/277VAC, Single Pole	❒CSB15AC3W	White	15A 120/277VAC, 3-Way
❒CSB15AC1	Brown	15A 120/277VAC, Single Pole	❒CSB15AC3	Brown	15A 120/277VAC, 3-Way
❒CSB15AC1GRY	Gray	15A 120/277VAC, Single Pole	❒CSB15AC3GRY	Gray	15A 120/277VAC, 3-Way
❒CSB15AC1LA	Lt. Al.	15A 120/277VAC, Single Pole	❒CSB15AC3LA	Lt. Al.	15A 120/277VAC, 3-Way
❒CSB20AC1I	Ivory	20A 120/277VAC, Single Pole	❒CSB20AC3I	Ivory	20A 120/277VAC, 3-Way
❒CSB20AC1W	White	20A 120/277VAC, Single Pole	❒CSB20AC3W	White	20A 120/277VAC, 3-Way
❒CSB20AC1	Brown	20A 120/277VAC, Single Pole	❒CSB20AC3	Brown	20A 120/277VAC, 3-Way
❒CSB20AC1GRY	Gray	20A 120/277VAC, Single Pole	❒CSB20AC3GRY	Gray	20A 120/277VAC, 3-Way
❒CSB20AC1BK	Black	20A 120/277VAC, Single Pole	❒CSB20AC3BK	Black	20A 120/277VAC, 3-Way
❒CSB20AC1LA	Lt. Al.	20A 120/277VAC, Single Pole	❒CSB20AC3LA	Lt. Al.	20A 120/277VAC, 3-Way
❒CSB15AC2I	Ivory	15A 120/277VAC, Double Pole	❒CSB15AC4I	Ivory	15A 120/277VAC, 4-Way
❒CSB15AC2W	White	15A 120/277VAC, Double Pole	❒CSB15AC4W	White	15A 120/277VAC, 4-Way
❒CSB15AC2	Brown	15A 120/277VAC, Double Pole	❒CSB15AC4	Brown	15A 120/277VAC, 4-Way
❒CSB15AC2GRY	Gray	15A 120/277VAC, Double Pole	❒CSB15AC4GRY	Gray	15A 120/277VAC, 4-Way
❒CSB15AC2LA	Lt. Al.	15A 120/277VAC, Double Pole	❒CSB15AC4LA	Lt. Al.	15A 120/277VAC, 4-Way
❒CSB20AC2I	Ivory	20A 120/277VAC, Double Pole	❒CSB20AC4I	Ivory	20A 120/277VAC, 4-Way
❒CSB20AC2W	White	20A 120/277VAC, Double Pole	❒CSB20AC4W	White	20A 120/277VAC, 4-Way
❒CSB20AC2	Brown	20A 120/277VAC, Double Pole	❒CSB20AC4	Brown	20A 120/277VAC, 4-Way
❒CSB20AC2GRY	Gray	20A 120/277VAC, Double Pole	❒CSB20AC4GRY	Gray	20A 120/277VAC, 4-Way
❒CSB20AC2LA	Lt. Al.	20A 120/277VAC, Double Pole	❒CSB20AC4LA	Lt. Al.	20A 120/277VAC, 4-Way

Performance

Electrical

Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	277VAC
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)

Mechanical

Terminal Accommodations	#14 AWG – #10 AWG

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

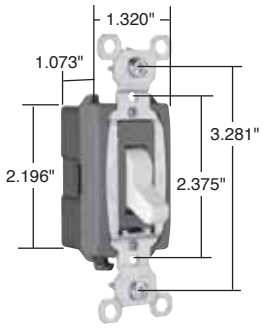
Back Body	Glass-Reinforced Nylon	Contacts	Silver Cadmium Oxide
Front Body	Nylon	Spring Arm	Brass
Toggle	Thermoplastic Polycarbonate	Bumper	Rubber
Terminals	Brass	Spring	Zinc-Plated Steel
Terminal Screws	Tri-Drive Brass-Plated Steel	Ground Terminal	Brass
Mounting Strap	Zinc-Plated Steel	Ground Screw	Tri-Drive Zinc-Plated Steel
Pressure Plate	Brass		

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Commercial Specification Grade Switches
Side Wire 15 & 20A, 120/277VAC



15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CS15AC1
Description: Commercial Specification Grade Switch, Side Wire
Rating: 15A, 120/277VAC
3rd Party Compliance: UL Listed, File Number E140597, Standard UL20, General Use Snap Switches. Federal Specification WS896, CSA Certified, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description/Rating	Catalog Number	Color	Description/Rating
❒CS15AC1I	Ivory	15A 120/277VAC, Single Pole	❒CS15AC3I	Ivory	15A 120/277VAC, 3-Way
❒CS15AC1W	White	15A 120/277VAC, Single Pole	❒CS15AC3W	White	15A 120/277VAC, 3-Way
❒CS15AC1	Brown	15A 120/277VAC, Single Pole	❒CS15AC3	Brown	15A 120/277VAC, 3-Way
❒CS15AC1GRY	Gray	15A 120/277VAC, Single Pole	❒CS15AC3GRY	Gray	15A 120/277VAC, 3-Way
❒CS15AC1BK	Black	15A 120/277VAC, Single Pole	❒CS15AC3BK	Black	15A 120/277VAC, 3-Way
❒CS15AC1LA	Lt. Al.	15A 120/277VAC, Single Pole	❒CS15AC3LA	Lt. Al.	15A 120/277VAC, 3-Way
❒CS20AC1I	Ivory	20A 120/277VAC, Single Pole	❒CS20AC3I	Ivory	20A 120/277VAC, 3-Way
❒CS20AC1W	White	20A 120/277VAC, Single Pole	❒CS20AC3W	White	20A 120/277VAC, 3-Way
❒CS20AC1	Brown	20A 120/277VAC, Single Pole	❒CS20AC3	Brown	20A 120/277VAC, 3-Way
❒CS20AC1GRY	Gray	20A 120/277VAC, Single Pole	❒CS20AC3GRY	Gray	20A 120/277VAC, 3-Way
❒CS20AC1LA	Lt. Al.	20A 120/277VAC, Single Pole	❒CS20AC3LA	Lt. Al.	20A 120/277VAC, 3-Way

Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	277VAC
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load (Fed Spec)
Mechanical	
Terminal Accommodations	#14 AWG – #10 AWG
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

Back Body	Glass-Reinforced Nylon	Contacts	Silver Cadmium Oxide
Front Body	Nylon	Spring Arm	Brass
Toggle	Thermoplastic Polycarbonate	Bumper	Rubber
Terminals	Brass	Spring	Zinc-Plated Steel
Terminal Screws	Tri-Drive Brass-Plated Steel	Ground Terminal	Brass
Mounting Strap	Zinc-Plated Steel	Ground Screw	Tri-Drive Zinc-Plated Steel

For double pole and 4-Way switches refer to CSB version on Page U-27.

Project
Location/Type

Technical Specifications
Manual Controller Switches
30A, 600VAC, 1ø & 3ø

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 7802
Description: Manual Controller, Double Pole, Single Phase
Rating: 30A, 600VAC max.
3rd Party Compliance: UL Listed, File Number E31169, Standard UL508, Industrial Control Equipment; CSA Certified, File Number LR17949, Standard CSA-C22.23, No. 14, Industrial Control Equipment. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating			Description
❒ 7802	General Use 30 600Max.	2 3 7.5 10	120 240 480 600	Double Pole, Single Phase AC Manual Motor Starting Switch (No overload protection)
❒ 7802MD	Same as 7802			7802, See Footnote 1
❒ 7812P	Same as 7802			7802 in a NEMA 1 Enclosure
❒ 7812PMD	Same as 7802			7812P, See Footnote 1
❒ 7812EX	Same as 7802			7802 in a NEMA 7 & 9 Enclosure for Hazardous Locations Class I – Groups C, D; Class II – Groups E, F, G
❒ 7832	Same as 7802			7802 in a NEMA 3R Enclosure
❒ 7832MD	Same as 7802			7832, See Footnote 1
❒ 7803	General Use 30 600Max.	3 7.5 10 20	120 240 480 600	Three Phase, Three Pole AC Manual Motor Starting Switch (No overload protection)
❒ 7803MD	Same as 7803			7803, See Footnote 1
❒ 7813P	Same as 7803			7803 in a NEMA 1 Enclosure
❒ 7813PMD	Same as 7803			7813P , See Footnote 1
❒ 7813EX	Same as 7803			7803 in a NEMA 7 & 9 Enclosure for Hazardous Locations Class I – Groups C, D; Class II – Groups E, F, G
❒ 7833	Same as 7803			7803 in a NEMA 3R Enclosure
❒ 7833MD	Same as 7803			7803, See Footnote 1

All Industrial Control Equipment is suitable for use in a circuit capable of deliverable not more than 5,000 rms amperes at 600VAC maximum or equivalent.

Footnote 1. Suitable as Motor Disconnect – 10KA @ 600VAC, 30A max. Class J Fuse

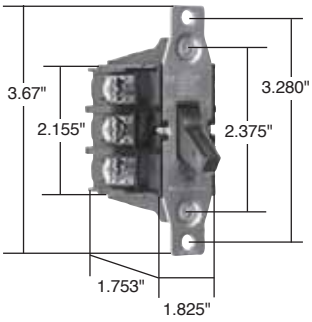
Performance

Electrical	
Dielectric Withstand Voltage	2000V Minimum
Maximum Working Voltage	600VAC
Overload	50 cycles, 132 Amps/600VAC .5 PF
Temperature Rise	50°C maximum
Maximum Continuous Current	30A
Endurance	1000 Cycles, 44Amp/600VAC 0.5 PF 5000 Cycles, 30Amp/600VAC 0.75 PF
Mechanical	
Terminal Accommodations	#14 AWG – #10 AWG copper or copper-clad wire
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C

Materials

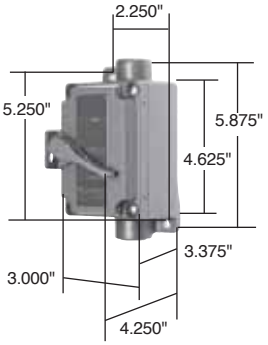
Back Body	Nylon	Terminal Screws	Brass
Front Body	Nylon	Leaf Springs	Stainless Steel
Carrier	Nylon	Coil Springs	Zinc-Plated Steel
Toggle	Nylon	Strap	Zinc-Plated Steel
Contact Arm	Brass	Rivets	Brass
Terminals	Brass	Contacts	Silver Cadmium Oxide

Project
Location/Type

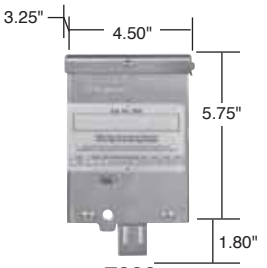


7802
7803

7812P
7813P



7812EX
7813EX

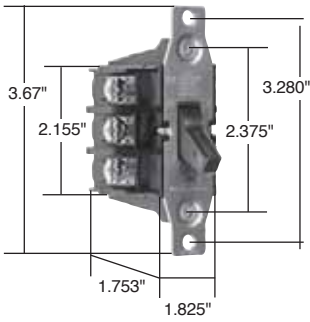


7832
7833

Pass & Seymour

legrand

Technical Specifications
Manual Controller Switches
40A, 600VAC, 1ø & 3ø



7842
7843

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 7842
Description: Manual Controller, Double Pole, Single Phase
Rating: 40A, 600VAC max.
3rd Party Compliance: UL Listed, File Number E31169, Standard UL508, Industrial Control Equipment; CSA Certified, File Number LR17949, Standard CSA-C22.23, No. 14, Industrial Control Equipment. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating			Description
❒ 7842	General Use 40 600Max.	2 5 10 15	120 240 480 600	Double Pole, Single Phase AC Manual Motor Starting Switch (No overload protection)
❒ 7842MD	Same as 7842			7842, See Footnote 2
❒ 7843	General Use 40 600Max.	3 7.5 15 20	120 240 480 600	Three Phase, Three Pole AC Manual Motor Starting Switch (No overload protection)
❒ 7843MD	Same as 7843			7843, See Footnote 2
❒ 7801P				Handle Locking Guard has opening for padlock to secure control in either ON or OFF position.
❒ 7806P				NEMA 1 Black Nylon Enclosure has baked-on gray enamel finish with 1/2" and 3/4" knockouts at each end.
❒ 7830				NEMA 3R Aluminum Enclosure

All Industrial Control Equipment is suitable for use in a circuit capable of deliverable not more than 5,000 rms amperes at 600VAC maximum or equivalent.

Footnote:

2. Suitable as Motor Disconnect – 10KA @ 600VAC, 60A max. Class J Fuse or 100A max. Ferraz Shawmut HSJ Fuse

Performance

Electrical	
Dielectric Withstand Voltage	2000V Minimum
Maximum Working Voltage	600VAC
Overload	50 cycles, 132 Amps/600VAC .5 PF
Temperature Rise	50°C maximum
Maximum Continuous Current	30A
Endurance	1000 Cycles, 44Amp/600VAC 0.5 PF 5000 Cycles, 30Amp/600VAC 0.75 PF
Mechanical	
Terminal Accommodations	#14 AWG – #10 AWG copper or copper-clad wire
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C

Materials

Back Body	Nylon	Terminal Screws	Brass
Front Body	Nylon	Leaf Springs	Stainless Steel
Carrier	Nylon	Coil Springs	Zinc-Plated Steel
Toggle	Nylon	Strap	Zinc-Plated Steel
Contact Arm	Brass	Rivets	Brass
Terminals	Brass	Contacts	Silver Cadmium Oxide

Project
Location/Type

Specification Grade Decorator Switches

15 & 20A, 120/277VAC; 20A, 120VAC

Pass & Seymour

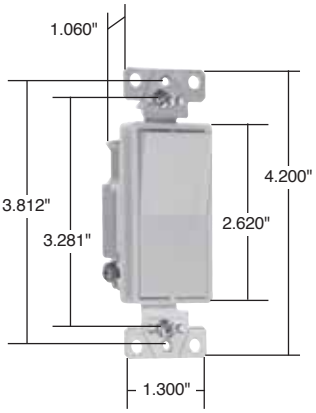
legrand

Typical Specifications

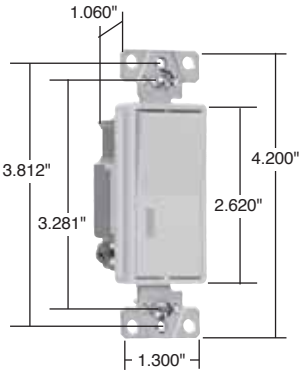
Manufacturer's Identification: Pass & Seymour/Legrand 2601
Description: Specification Grade Decorator Switch, Back & Side Wire
Rating: 15A, 120/277VAC

3rd Party Compliance: UL Listed, File Number E140597, Standard UL20, General Use Snap Switches, CSA Certified, File Number LR17446, Standard CSA-C22.2 No. 111, General Use Snap Switches. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description/Rating
❒2601I	Ivory	15A 120/277VAC, Single Pole
❒2601W	White	15A 120/277VAC, Single Pole
❒2601GRY	Gray	15A 120/277VAC, Single Pole
❒2601BK	Black	15A 120/277VAC, Single Pole
❒2601LA	Lt. Al.	15A 120/277VAC, Single Pole
❒2621I	Ivory	20A 120/277VAC, Single Pole
❒2621W	White	20A 120/277VAC, Single Pole
❒2621	Brown	20A 120/277VAC, Single Pole
❒2621GRY	Gray	20A 120/277VAC, Single Pole
❒2621BK	Black	20A 120/277VAC, Single Pole
❒2621RED	Red	20A 120/277VAC, Single Pole
❒2621LA	Lt. Al.	20A 120/277VAC, Single Pole
❒2622I	Ivory	20A 120/277VAC, Double Pole
❒2622W	White	20A 120/277VAC, Double Pole
❒2622	Brown	20A 120/277VAC, Double Pole
❒2622GRY	Gray	20A 120/277VAC, Double Pole
❒2622BK	Black	20A 120/277VAC, Double Pole
❒2622LA	Lt. Al.	20A 120/277VAC, Double Pole
❒2603I	Ivory	15A 120/277VAC, 3-Way
❒2603W	White	15A 120/277VAC, 3-Way
❒2603GRY	Gray	15A 120/277VAC, 3-Way
❒2603BK	Black	15A 120/277VAC, 3-Way
❒2603LA	Lt. Al.	15A 120/277VAC, 3-Way
❒2623I	Ivory	20A 120/277VAC, 3-Way
❒2623W	White	20A 120/277VAC, 3-Way
❒2623	Brown	20A 120/277VAC, 3-Way
❒2623GRY	Gray	20A 120/277VAC, 3-Way
❒2623BK	Black	20A 120/277VAC, 3-Way
❒2623RED	Red	20A 120/277VAC, 3-Way
❒2623LA	Lt. Al.	20A 120/277VAC, 3-Way
❒2604I	Ivory	15A 120/277VAC, 4-Way
❒2604W	White	15A 120/277VAC, 4-Way
❒2604LA	Lt. Al.	15A 120/277VAC, 4-Way
❒2624I	Ivory	20A 120/277VAC, 4-Way
❒2624W	White	20A 120/277VAC, 4-Way
❒2624	Brown	20A 120/277VAC, 4-Way
❒2624GRY	Gray	20A 120/277VAC, 4-Way
❒2624BK	Black	20A 120/277VAC, 4-Way
❒2624RED	Red	20A 120/277VAC, 4-Way
❒2624LA	Lt. Al.	20A 120/277VAC, 4-Way
Illuminated*		
❒2625I	Ivory	20A 120VAC, Single Pole
❒2625W	White	20A 120VAC, Single Pole
❒2625	Brown	20A 120VAC, Single Pole
❒2625LA	Lt. Al.	20A 120VAC, Single Pole
❒2626I	Ivory	20A 120VAC, 3-Way
❒2626W	White	20A 120VAC, 3-Way
❒2626LA	Lt. Al.	20A 120VAC, 3-Way
❒2628I	Ivory	20A 120VAC, 4-Way
❒2628W	White	20A 120VAC, 4-Way
❒2628LA	Lt. Al.	20A 120VAC, 4-Way
Pilot Lighted		
❒2629I	Ivory	20A 120VAC, Single Pole
❒2629W	White	20A 120VAC, Single Pole
❒2629LA	Lt. Al.	20A 120VAC, Single Pole



2601



2625, 2626, 2629

Performance

Electrical

Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	277VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	277VAC
Endurance	50,000 cycles minimum, resistive, inductive, tungsten filament lamp load

Mechanical

Terminal Accommodation	#14 AWG – #10 AWG

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

Back Body	Polycarbonate	Spring Arm	Brass
Frame	Polycarbonate	Bumper	Rubber
Paddle	Thermoplastic	Spring	Zinc-Plated Steel
Terminals	Brass	Ground Terminal	Brass
Terminal Screws	Tri-Drive Brass-Plated Steel	Ground Screw	Tri-Drive Zinc-Plated Steel
Strap	Steel	Illuminating Lamp*	Neon
Pressure Plate	Steel	Lens*	Polycarbonate
Contacts	Silver Cadmium Oxide		

*For Illuminated versions. May not be compatible with some fluorescent lighting loads.

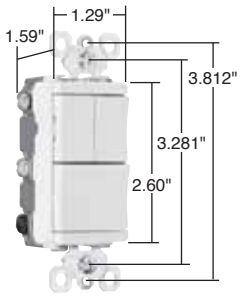
Project

Location/Type

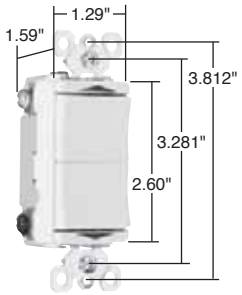
Pass & Seymour

legrand

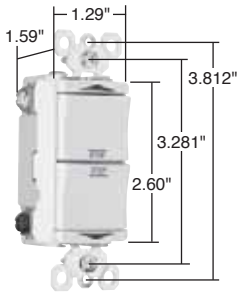
Technical Specifications
Specification Grade Combination Switches
15 & 20A, 120 & 277VAC



15 & 20 Amp



Momentary Contact



Maintained Contact

Typical Specifications

3rd Party Compliance: PS811-20, PS8111-20, TM811-DTMA: cULus Listed, File Number E140597, Standard UL20, General Use Snap Switches.
TM811-DTMO: cULus Listed, File Number E31169, UL508, Industrial Control.
Conforms to NEMA WD-1 and WD-6.

Performance

Electrical	
Maximum Amperage per Circuit	PS811-20 and PS8111-20 = 20A
Maximum Amperage per Device	PS811-20 = 30A, PS8111-20 = 35A
Dielectric Withstand Voltage	1500V Minimum
Maximum Working Voltage	PS811-20 and PS8111-20 = 277VAC TM811-DTMO and TM811-DTMA = 120VAC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature Rise	30°C maximum at rated current
Maximum Continuous Current	PS811-20 and PS8111-20 = 277VAC TM811-DTMO and TM811-DTMA = 120VAC
Mechanical	
Terminal Accommodation	#14 AWG – #10 AWG
Product Identification	Amperage, Voltage, 3rd Party Compliance
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C

Materials

Back Body	Polycarbonate	Pressure Plate	Steel
Frame	Polycarbonate	Contacts	Silver Cadmium Oxide
Paddle	Thermoplastic	Spring	Zinc-Plated Steel
Terminals	Brass	Ground Terminal	Brass
Terminal Screws	Tri-Drive Brass-Plated Steel	Ground Screw	Tri-Drive Zinc-Plated Steel
Strap	Steel		

Project
Location/Type

Technical Specifications

PlugTail™ Extra Heavy-Duty Specification Grade Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125V

Pass & Seymour

legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT5262A & PTTR62
Description: PlugTail™ Straight Blade Duplex Receptacle & Tamper-Resistant Duplex Receptacle – Extra Heavy-Duty
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498, Federal Specification WC596. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PT5262AI	Ivory	15A 125V	5-15R	❒ PTTR62I	Ivory	15A 125V	5-15R
❒ PT5262AW	White	15A 125V	5-15R	❒ PTTR62W	White	15A 125V	5-15R
❒ PT5262A	Brown	15A 125V	5-15R	❒ PTTR62	Brown	15A 125V	5-15R
❒ PT5262AGRY	Gray	15A 125V	5-15R	❒ PTTR62GRY	Gray	15A 125V	5-15R
❒ PT5262ABK	Black	15A 125V	5-15R	❒ PTTR62BK	Black	15A 125V	5-15R
❒ PT5262ABL	Blue	15A 125V	5-15R	❒ PTTR62BL	Blue	15A 125V	5-15R
❒ PT5262ARED	Red	15A 125V	5-15R	❒ PTTR62RED	Red	15A 125V	5-15R
❒ PT5262ALA	Lt. Al.	15A 125V	5-15R	❒ PTTR62LA	Lt. Al.	15A 125V	5-15R
❒ PT5362AI	Ivory	20A 125V	5-20R	❒ PTTR63I	Ivory	20A 125V	5-20R
❒ PT5362AW	White	20A 125V	5-20R	❒ PTTR63W	White	20A 125V	5-20R
❒ PT5362A	Brown	20A 125V	5-20R	❒ PTTR63	Brown	20A 125V	5-20R
❒ PT5362AGRY	Gray	20A 125V	5-20R	❒ PTTR63GRY	Gray	20A 125V	5-20R
❒ PT5362ABK	Black	20A 125V	5-20R	❒ PTTR63BK	Black	20A 125V	5-20R
❒ PT5362ABL	Blue	20A 125V	5-20R	❒ PTTR63BL	Blue	20A 125V	5-20R
❒ PT5362ARED	Red	20A 125V	5-20R	❒ PTTR63RED	Red	20A 125V	5-20R
❒ PT5362ALA	Lt. Al.	20A 125V	5-20R	❒ PTTR63LA	Lt. Al.	20A 125V	5-20R

Performance

Electrical

Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current (receptacle only)
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current

Mechanical

PlugTail Connectors Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

PlugTail Receptacle Materials

Face	Nylon	Integral Ground System	.036 260 Brass
Back Body	Nylon	Assembly Drive Screw	Zinc-Plated Steel
Line Contacts	.036 688 Brass	Auto-Ground Clip	Brass
Mounting Strap	.050 260 Brass	Mounting Screws	Tri-Drive Steel
Tamper Shutter*	Thermoplastic		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	036 688 Brass

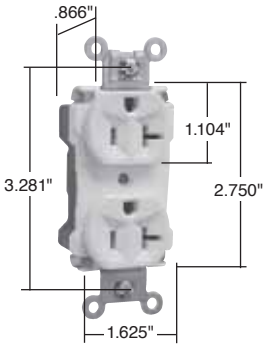
*For Tamper-Resistant version.

Consult Straight Blade Section B for complete compliance listing.

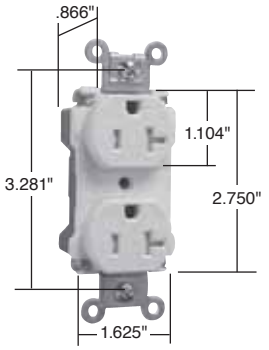
NEMA 5-15R

NEMA 5-20R

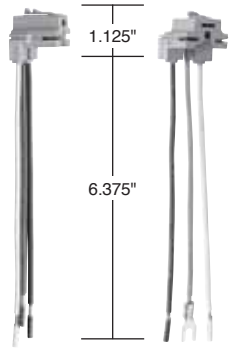
Project
Location/Type



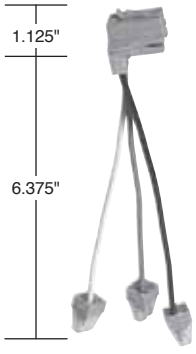
PT5362AW



PTTR63W



PTRA6STR PTRA6STRG



PTRA6STRBP

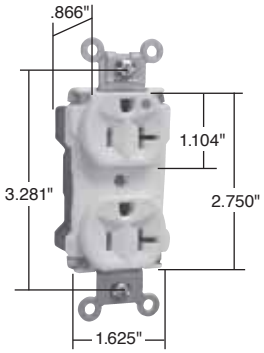
Pass & Seymour

legrand

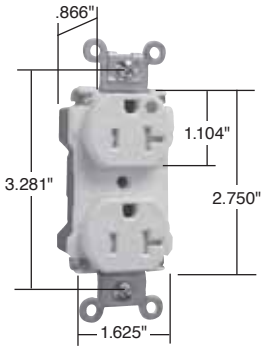
EXCLUSIVE! P&S EXCLUSIVE!

Technical Specifications
PlugTail™ Extra Heavy-Duty Hospital Grade Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125V



PT8300W



PTTR63HW

NEMA 5-15R

NEMA 5-20R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT8200 & PTTR62H
Description: PlugTail™ Straight Blade Duplex Receptacle & Tamper-Resistant Duplex Receptacle – Extra Heavy-Duty
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498, Federal Specification WC596, Hospital Grade. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PT8200I	Ivory	15A 125V	5-15R	❒ PTTR62HI	Ivory	15A 125V	5-15R
❒ PT8200W	White	15A 125V	5-15R	❒ PTTR62HW	White	15A 125V	5-15R
❒ PT8200	Brown	15A 125V	5-15R	❒ PTTR62H	Brown	15A 125V	5-15R
❒ PT8200GRY	Gray	15A 125V	5-15R	❒ PTTR62HGRY	Gray	15A 125V	5-15R
❒ PT8200BK	Black	15A 125V	5-15R	❒ PTTR62HBK	Black	15A 125V	5-15R
❒ PT8200BL	Blue	15A 125V	5-15R	❒ PTTR62HBL	Blue	15A 125V	5-15R
❒ PT8200RED	Red	15A 125V	5-15R	❒ PTTR62HRED	Red	15A 125V	5-15R
❒ PT8200LA	Lt. Al.	15A 125V	5-15R	❒ PTTR62HLA	Lt. Al.	15A 125V	5-15R
❒ PT8300I	Ivory	20A 125V	5-20R	❒ PTTR63HI	Ivory	20A 125V	5-20R
❒ PT8300W	White	20A 125V	5-20R	❒ PTTR63HW	White	20A 125V	5-20R
❒ PT8300	Brown	20A 125V	5-20R	❒ PTTR63H	Brown	20A 125V	5-20R
❒ PT8300GRY	Gray	20A 125V	5-20R	❒ PTTR63HGRY	Gray	20A 125V	5-20R
❒ PT8300BK	Black	20A 125V	5-20R	❒ PTTR63HBK	Black	20A 125V	5-20R
❒ PT8300BL	Blue	20A 125V	5-20R	❒ PTTR63HBL	Blue	20A 125V	5-20R
❒ PT8300RED	Red	20A 125V	5-20R	❒ PTTR63HRED	Red	20A 125V	5-20R
❒ PT8300LA	Lt. Al.	20A 125V	5-20R	❒ PTTR63HLA	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current (receptacle only)
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
PlugTail Connectors Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

PlugTail Receptacle Materials

Face	Nylon	Integral Ground System	.036 260 Brass
Back Body	Nylon	Assembly Drive Screw	Zinc-Plated Steel
Line Contacts	.036 688 Brass	Auto-Ground Clip	Brass
Mounting Strap	.050 260 Brass	Mounting Screws	Tri-Drive Steel
Tamper Shutter*	Thermoplastic		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.036 688 Brass

*For Tamper-Resistant version.

Consult Straight Blade Section B and Hospital Grade Section F for complete compliance listing.

Project
Location/Type

Technical Specifications

PlugTail™ Extra Heavy-Duty Hospital Grade Illuminated Receptacles

15 & 20A, 125V

Pass & Seymour

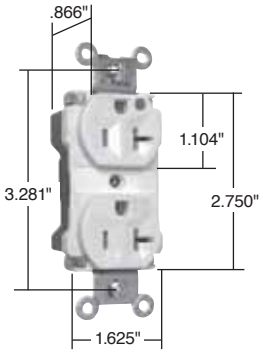
legrand

EXCLUSIVE! P&S EXCLUSIVE!

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT8200IL
Description: PlugTail™ Straight Blade Illuminated Duplex Receptacle – Extra Heavy-Duty Hospital Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498, Federal Specification WC596, Hospital Grade. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PT8200ILI	Ivory	15A 125V	5-15R	❒ PT8300ILI	Ivory	20A 125V	5-20R
❒ PT8200ILW	White	15A 125V	5-15R	❒ PT8300ILW	White	20A 125V	5-20R
❒ PT8200ILGRY	Gray	15A 125V	5-15R	❒ PT8300IL	Brown	20A 125V	5-20R
❒ PT8200ILBK	Black	15A 125V	5-15R	❒ PT8300ILGRY	Gray	20A 125V	5-20R
❒ PT8200ILRED	Red	15A 125V	5-15R	❒ PT8300ILBK	Black	20A 125V	5-20R
❒ PT8200ILLA	Lt. Al.	15A 125V	5-15R	❒ PT8300ILRED	Red	20A 125V	5-20R
				❒ PT8300ILLA	Lt. Al.	20A 125V	5-20R



PT8300ILLA

Performance

Electrical

Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current (receptacle only)
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current

Mechanical

PlugTail Connectors Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device

Environmental

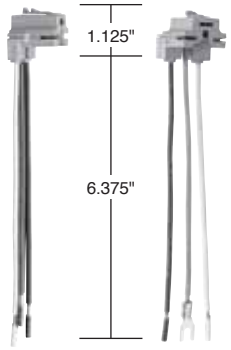
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

PlugTail Receptacle Materials

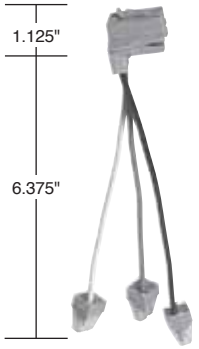
Face	Nylon	Assembly Drive Screw	Zinc-Plated Steel
Back Body	Nylon	Auto-Ground Clip	Brass
Line Contacts	.036 688 Brass	Mounting Screws	Tri-Drive Steel
Mounting Strap	.050 260 Brass	LED	8-9 Years
Integral Ground System	.036 260 Brass		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.036 688 Brass



PTRA6STR **PTRA6STRG**



PTRA6STRBP

NEMA 5-15R

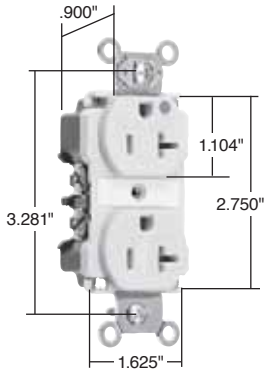
NEMA 5-20R

Pass & Seymour

legrand

Technical Specifications
Extra Heavy-Duty Hospital Grade Receptacles

Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V



15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 8200
Description: Straight Blade Duplex Receptacle – Extra Heavy-Duty Hospital Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, Hospital Grade. CSA Certified, File Number LR16063, Standard CSA-C22.2, No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 8200I	Ivory	15A 125V	5-15R	❒ 8300GRY	Gray	20A 125V	5-20R
❒ 8200W	White	15A 125V	5-15R	❒ 8300BK	Black	20A 125V	5-20R
❒ 8200	Brown	15A 125V	5-15R	❒ 8300RED	Red	20A 125V	5-20R
❒ 8200GRY	Gray	15A 125V	5-15R	❒ 8300LA	Lt. Al.	20A 125V	5-20R
❒ 8200BK	Black	15A 125V	5-15R	❒ 8300ILI	Ivory	20A 125V	5-20R
❒ 8200RED	Red	15A 125V	5-15R	❒ 8300ILRED	Red	20A 125V	5-20R
❒ 8200LA	Lt. Al.	15A 125V	5-15R	❒ 8300ILLA	Lt. Al.	20A 125V	5-20R
❒ 8200ILI	Ivory	15A 125V	5-15R	❒ 8800I	Ivory	20A 250V	6-20R
❒ 8200ILRED	Red	15A 125V	5-15R	❒ 8800W	White	20A 250V	6-20R
❒ 8300I	Ivory	20A 125V	5-20R	❒ 8800	Brown	20A 250V	6-20R
❒ 8300W	White	20A 125V	5-20R	❒ 8800GRY	Gray	20A 250V	6-20R
❒ 8300	Brown	20A 125V	5-20R	❒ 8800BK	Black	20A 250V	6-20R
				❒ 8800LA	Lt. Al.	20A 250V	6-20R
				❒ 8800RED	Red	20A 250V	6-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminals identified in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2 and UL94-5 VA
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#10 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	Nylon		
Line Contacts	.040 688 Nickel-Plated Brass	Ground Screw	#10 Hex Tri-Drive Brass
Mounting Strap	.050 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Ground Contacts	Strap with Integral Ground	Auto-Ground Clip	Brass
Pressure Plate	.031 260 Nickel-Plated Brass	Mounting Screws	Tri-Drive Steel
		Illuminating Lamp*	Neon

*For LED Illuminated Face version.

Consult Straight Blade Section B and Hospital Grade Section F for complete compliance listing.

NEMA 5-15R

NEMA 5-20R

NEMA 6-20R

Project
Location/Type

Technical Specifications

Extra Heavy-Duty Hospital Grade MRI Receptacles

Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125V

Pass & Seymour

legrand

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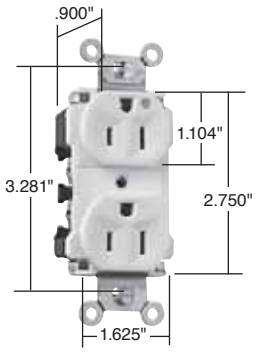
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 8200MRI
Description: Straight Blade Duplex Receptacle – Extra Heavy-Duty Hospital Grade MRI
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, Hospital Grade. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 8200IMRI	Ivory	15A 125V	5-15R	❒ 8300IMRI	Ivory	20A 125V	5-20R
❒ 8200WMRI	White	15A 125V	5-15R	❒ 8300WMRI	White	20A 125V	5-20R
❒ 8200MRI	Brown	15A 125V	5-15R	❒ 8300MRI	Brown	20A 125V	5-20R
❒ 8200GRYMRI	Gray	15A 125V	5-15R	❒ 8300GRYMRI	Gray	20A 125V	5-20R
❒ 8200BKMRI	Black	15A 125V	5-15R	❒ 8300BKMRI	Black	20A 125V	5-20R
❒ 8200REDMRI	Red	15A 125V	5-15R	❒ 8300REDMRI	Red	20A 125V	5-20R
❒ 8200LAMRI	Lt. Al.	15A 125V	5-15R	❒ 8300LAMRI	Lt. Al.	20A 125V	5-20R



15 & 20 Amp

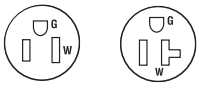
Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Pressure Plate	.031 260 Brass
Back Body	Nylon	Terminal Screws	#10 Tri-Drive Brass
Line Contacts	.036 688 Brass	Ground Screw	#10 Hex Tri-Drive Brass
Mounting Strap	.050 688 Brass	Auto-Ground Clip	Brass
Ground Contacts	Strap with Integral Ground	Mounting Screws	Slotted Brass

Consult Straight Blade Section B and Hospital Grade Section F for complete compliance listing.

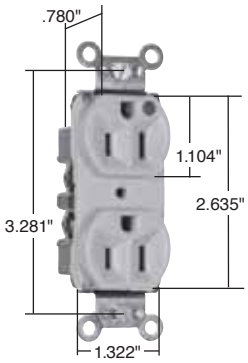


NEMA 5-15R NEMA 5-20R

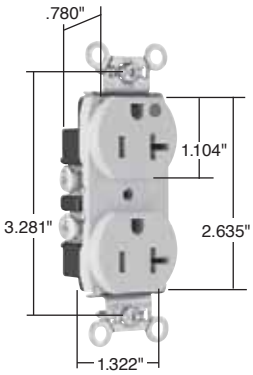
Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
Heavy-Duty Hospital Grade Receptacles
Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125V



PS8200HI



PS8300HSLA

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS8200H
Description: Straight Blade Duplex Receptacle – Heavy-Duty Hospital Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498. Federal Specification WC596, Hospital Grade. CSA Certified, File Number LR16063, Standard CSA C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PS8200HI	Ivory	15A 125V	5-15R	❒ PS8200HSI	Ivory	15A 125V	5-15R
❒ PS8200HW	White	15A 125V	5-15R	❒ PS8200HSW	White	15A 125V	5-15R
❒ PS8200H	Brown	15A 125V	5-15R	❒ PS8200HS	Brown	15A 125V	5-15R
❒ PS8200HGRY	Gray	15A 125V	5-15R	❒ PS8200HSGRY	Gray	15A 125V	5-15R
❒ PS8200HRED	Red	15A 125V	5-15R	❒ PS8200HSBK	Black	15A 125V	5-15R
❒ PS8200HLA	Lt. Al.	15A 125V	5-15R	❒ PS8200HSRED	Red	15A 125V	5-15R
❒ PS8300HI	Ivory	20A 125V	5-20R	❒ PS8200HSLA	Lt. Al.	15A 125V	5-15R
❒ PS8300HW	White	20A 125V	5-20R	❒ PS8300HSI	Ivory	20A 125V	5-20R
❒ PS8300H	Brown	20A 125V	5-20R	❒ PS8300HSW	White	20A 125V	5-20R
❒ PS8300HGRY	Gray	20A 125V	5-20R	❒ PS8300HS	Brown	20A 125V	5-20R
❒ PS8300HRED	Red	20A 125V	5-20R	❒ PS8300HSGRY	Gray	20A 125V	5-20R
❒ PS8300HLA	Lt. Al.	20A 125V	5-20R	❒ PS8300HSBK	Black	20A 125V	5-20R
				❒ PS8300HSRED	Red	20A 125V	5-20R
				❒ PS8300HSLA	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 AWG – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#8 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	PVC		
Line Contacts	.032 688 Brass	Ground Screw	#8 Hex Tri-Drive Brass
Mounting Strap	.043 260 Brass	Assembly Drive Screw	Zinc-Plated Steel
Ground Contacts	.040 688 Brass	Auto-Ground Clip	Stainless Steel
Pressure Plate	.080 Steel	Mounting Screws	Tri-Drive Steel

NEMA 5-15R

NEMA 5-20R

Consult Straight Blade Section B and Hospital Grade Section F for complete compliance listing.

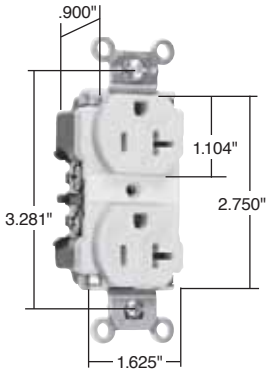
Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
Industrial Extra Heavy-Duty Specification Grade Receptacles
Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 5262A
Description: Straight Blade Duplex Receptacle – Industrial Extra Heavy-Duty Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.



15 & 20 Amp

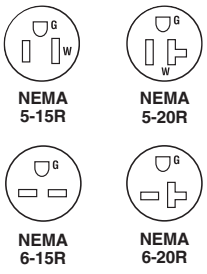
Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5262AI	Ivory	15A 125V	5-15R	❒ 5362AI	Ivory	20A 125V	5-20R
❒ 5262AW	White	15A 125V	5-15R	❒ 5362AW	White	20A 125V	5-20R
❒ 5262A	Brown	15A 125V	5-15R	❒ 5362A	Brown	20A 125V	5-20R
❒ 5262AGRY	Gray	15A 125V	5-15R	❒ 5362AGRY	Gray	20A 125V	5-20R
❒ 5262ABK	Black	15A 125V	5-15R	❒ 5362ABK	Black	20A 125V	5-20R
❒ 5262ARED	Red	15A 125V	5-15R	❒ 5362ARED	Red	20A 125V	5-20R
❒ 5262ALA	Lt. Al.	15A 125V	5-15R	❒ 5362ALA	Lt. Al.	20A 125V	5-20R
				❒ 5362ABL	Blue	20A 125V	5-20R
❒ 5662AI	Ivory	15A 250V	6-15R				
❒ 5662AW	White	15A 250V	6-15R	❒ 5862AI	Ivory	20A 250V	6-20R
❒ 5662A	Brown	15A 250V	6-15R	❒ 5862AW	White	20A 250V	6-20R
❒ 5662AGRY	Gray	15A 250V	6-15R	❒ 5862A	Brown	20A 250V	6-20R
❒ 5662ABK	Black	15A 250V	6-15R	❒ 5862AGRY	Gray	20A 250V	6-20R
❒ 5662ARED	Red	15A 250V	6-15R	❒ 5862ABK	Black	20A 250V	6-20R
				❒ 5862ARED	Red	20A 250V	6-20R
				❒ 5862ALA	Lt. Al.	20A 250V	6-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#10 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	Nylon		
Line Contacts	.036 688 Brass	Ground Screw	#10 Hex Tri-Drive Brass
Mounting Strap	.050 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Ground Contacts	Strap with Integral Ground	Auto-Ground Clip	Brass
Pressure Plate	.031 260 Brass	Mounting Screws	Tri-Drive Steel



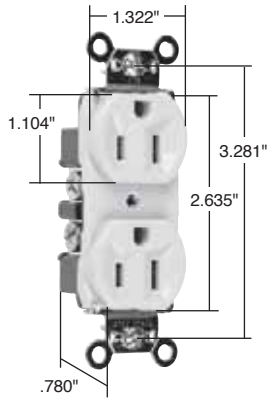
Consult Straight Blade Section B for complete compliance listing.

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Heavy-Duty Specification Grade Receptacles
Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V



15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5262
Description: Straight Blade Duplex Receptacle – Heavy-Duty Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PS5262I	Ivory	15A 125V	5-15R	❒ PS5362I	Ivory	20A 125V	5-20R
❒ PS5262W	White	15A 125V	5-15R	❒ PS5362W	White	20A 125V	5-20R
❒ PS5262	Brown	15A 125V	5-15R	❒ PS5362	Brown	20A 125V	5-20R
❒ PS5262GRY	Gray	15A 125V	5-15R	❒ PS5362GRY	Gray	20A 125V	5-20R
❒ PS5262BK	Black	15A 125V	5-15R	❒ PS5362BK	Black	20A 125V	5-20R
❒ PS5262RED	Red	15A 125V	5-15R	❒ PS5362RED	Red	20A 125V	5-20R
❒ PS5262BL	Blue	15A 125V	5-15R	❒ PS5362BL	Blue	20A 125V	5-20R
❒ PS5262LA	Lt. Almond	15A 125V	5-15R	❒ PS5362LA	Lt. Almond	20A 125V	5-20R
❒ 5662I	Ivory	15A 250V	6-15R	❒ 5862I	Ivory	20A 250V	6-20R
❒ 5662W	White	15A 250V	6-15R	❒ 5862W	White	20A 250V	6-20R
❒ 5662	Brown	15A 250V	6-15R	❒ 5862	Brown	20A 250V	6-20R
				❒ 5862GRY	Gray	20A 250V	6-20R
				❒ 5862BK	Black	20A 250V	6-20R
				❒ 5862RED	Red	20A 250V	6-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Max 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60ºC, minimum -40º (without impact)

Materials

Face	Nylon
Back Body	PVC
Line Contacts	.032 688 Brass
Mounting Strap	.043 688 Brass
Ground Contacts	.040 688 Brass
Pressure Plate	.080 Steel
Terminal Screws	#8 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Ground Screw	#8 Hex Tri-Drive Brass
Assembly Drive Screw	Zinc-Plated Steel
Auto-Ground Clip	Stainless Steel
Mounting Screws	Tri-Drive Steel

Consult Straight Blade Section B for complete compliance listing.

NEMA 5-15R

NEMA 5-20R

NEMA 6-15R

NEMA 6-20R

Project
Location/Type

Technical Specifications
PlugTail™ Specification Grade Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125V

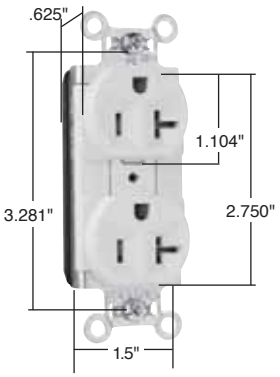
Pass & Seymour
legrand

EXCLUSIVE! P&S EXCLUSIVE!

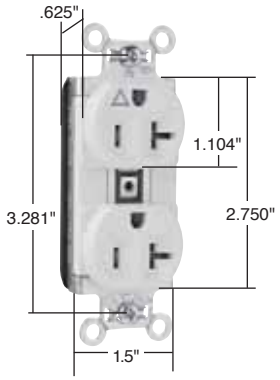
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT5262
Description: Plugtail™ Straight Blade Duplex Receptacle – Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498.
Federal Specification WC596. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PT5262I	Ivory	15A 125V	5-15R	❒ PTIG5262I	Ivory	15A 125V	5-15R
❒ PT5262W	White	15A 125V	5-15R	❒ PTIG5262W	White	15A 125V	5-15R
❒ PT5262	Brown	15A 125V	5-15R	❒ PTIG5262	Orange	15A 125V	5-15R
❒ PT5262GRY	Gray	15A 125V	5-15R	❒ PTIG5262GRY	Gray	15A 125V	5-15R
❒ PT5262BK	Black	15A 125V	5-15R	❒ PTIG5262RED	Red	15A 125V	5-15R
❒ PT5262BL	Blue	15A 125V	5-15R	❒ PTIG5262LA	Lt. Al.	15A 125V	5-15R
❒ PT5262RED	Red	15A 125V	5-15R				
❒ PT5262LA	Lt. Al.	15A 125V	5-15R	❒ PTIG5362I	Ivory	20A 125V	5-20R
				❒ PTIG5362W	White	20A 125V	5-20R
❒ PT5362I	Ivory	20A 125V	5-20R	❒ PTIG5362	Orange	20A 125V	5-20R
❒ PT5362W	White	20A 125V	5-20R	❒ PTIG5362GRY	Gray	20A 125V	5-20R
❒ PT5362	Brown	20A 125V	5-20R	❒ PTIG5362RED	Red	20A 125V	5-20R
❒ PT5362GRY	Gray	20A 125V	5-20R	❒ PTIG5362LA	Lt. Al.	20A 125V	5-20R
❒ PT5362BK	Black	20A 125V	5-20R				
❒ PT5362BL	Blue	20A 125V	5-20R				
❒ PT5362RED	Red	20A 125V	5-20R				
❒ PT5362LA	Lt. Al.	20A 125V	5-20R				



PT5362LA



PTIG5362LA

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current (receptacle only)
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

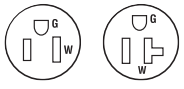
PlugTail Receptacle Materials

Face	Nylon	Integral Ground System	.036 260 Brass
Back Body	PVC	Assembly Drive Screw	Zinc-Plated Steel
Line Contacts	.036 688 Brass	Auto-Ground Clip	Steel
Mounting Strap	.042 Zinc-Plated Steel	Mounting Screws	Tri-Drive Steel

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030 Brass

Consult Straight Blade Section B for complete compliance listing.

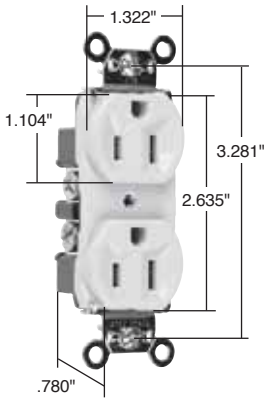


NEMA 5-15R NEMA 5-20R

Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
Hard Use Specification Grade Receptacles
Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V



15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 5262
Description: Straight Blade Duplex Receptacle – Hard Use Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42.27. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5262I	Ivory	15A 125V	5-15R	❒ 5362I	Ivory	20A 125V	5-20R
❒ 5262W	White	15A 125V	5-15R	❒ 5362W	White	20A 125V	5-20R
❒ 5262	Brown	15A 125V	5-15R	❒ 5362	Brown	20A 125V	5-20R
❒ 5262GRY	Gray	15A 125V	5-15R	❒ 5362GRY	Gray	20A 125V	5-20R
❒ 5262BK	Black	15A 125V	5-15R	❒ 5362BK	Black	20A 125V	5-20R
❒ 5262RED	Red	15A 125V	5-15R	❒ 5362RED	Red	20A 125V	5-20R
❒ 5262LA	Lt. Almond	15A 125V	5-15R	❒ 5362LA	Lt. Almond	20A 125V	5-20R
❒ 5262BL	Blue	15A 125V	5-15R	❒ 5642I*	Ivory	15A 250V	6-15R
❒ 5662I	Ivory	15A 250V	6-15R	❒ 5642*	Brown	15A 250V	6-15R
❒ 5662	Brown	15A 250V	6-15R	❒ 5290I*	Ivory	15A 125/250V	5/6-15R
❒ 5662BK	Black	15A 250V	6-15R	❒ 5290*	Brown	15A 125/250V	5/6-15R
❒ 5662LA	Lt. Almond	15A 250V	6-15R	❒ 5890I*	Ivory	20A 125/250V	5/6-20R
				❒ 5890W*	White	20A 125/250V	5/6-20R
				❒ 5890*	Brown	20A 125/250V	5/6-20R

*Side wire only.

Performance

Electrical

Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Max 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current

Mechanical

Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device

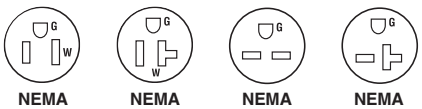
Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C (without impact)

Materials

Face	Nylon
Back Body	PVC
Contacts	.032" (.8) Brass
Clamping Plate	.080" Steel
Mounting Strap	.042" Steel
Terminal Screws	Tri-Drive Brass
Hex Head Grounding Screw	Tri-Drive Zinc-Plated Steel
Assembly Rivets	Steel
Auto-Ground Clip	Stainless Steel
Mounting Screws	Tri-Drive Steel

Consult Straight Blade Section B for complete compliance listing.



NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

Project
Location/Type

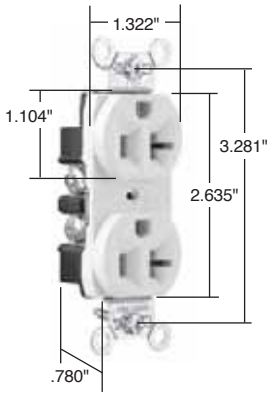
Technical Specifications
Construction Specification Grade Receptacles
Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125V

Pass & Seymour
legrand

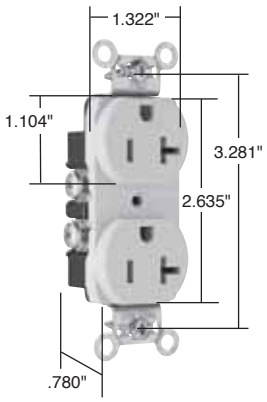
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CRB5262
Description: Straight Blade Duplex Receptacle – Construction Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596. CSA/CUL approved, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ CRB5262I	Ivory	15A 125V	5-15R	❒ CRB5262SI	Ivory	15A 125V	5-15R
❒ CRB5262W	White	15A 125V	5-15R	❒ CRB5262SW	White	15A 125V	5-15R
❒ CRB5262	Brown	15A 125V	5-15R	❒ CRB5262S	Brown	15A 125V	5-15R
❒ CRB5262GRY	Gray	15A 125V	5-15R	❒ CRB5262SGRY	Gray	15A 125V	5-15R
❒ CRB5262BK	Black	15A 125V	5-15R	❒ CRB5262SRED	Red	15A 125V	5-15R
❒ CRB5262LA	Lt. Al.	15A 125V	5-15R	❒ CRB5262SLA	Lt. Al.	15A 125V	5-15R
❒ CRB5262RED	Red	15A 125V	5-15R	❒ CRB5362SI	Ivory	20A 125V	5-20R
❒ CRB5362I	Ivory	20A 125V	5-20R	❒ CRB5362SW	White	20A 125V	5-20R
❒ CRB5362W	White	20A 125V	5-20R	❒ CRB5362S	Brown	20A 125V	5-20R
❒ CRB5362	Brown	20A 125V	5-20R	❒ CRB5362SGRY	Gray	20A 125V	5-20R
❒ CRB5362GRY	Gray	20A 125V	5-20R	❒ CRB5362SRED	Red	20A 125V	5-20R
❒ CRB5362BK	Black	20A 125V	5-20R	❒ CRB5362SLA	Lt. Al.	20A 125V	5-20R
❒ CRB5362LA	Lt. Al.	20A 125V	5-20R				
❒ CRB5362RED	Red	20A 125V	5-20R				



15 & 20 Amp



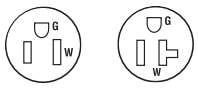
CRB5362SLA

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Max 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C (without impact)

Materials

Face	Nylon	Terminal Screws	#8 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	PVC	Ground Screw	#8 Hex Tri-Drive Steel with Green Zinc Coating
Line Contacts	.032 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Mounting Strap	.042 Plated Steel	Auto-Ground Clip	Stainless Steel
Ground Contacts	.040 260 Brass	Mounting Screws	Tri-Drive Steel
Pressure Plate	.080 Steel		



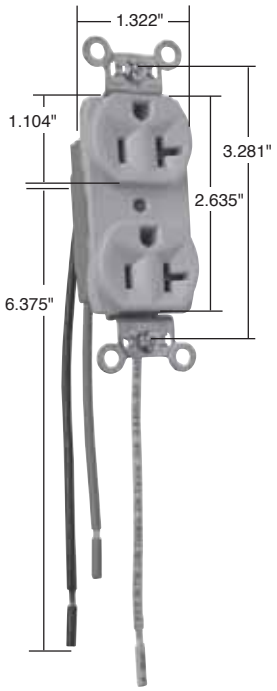
NEMA 5-15R NEMA 5-20R

Consult Straight Blade Section B for complete compliance listing.

Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
Construction Specification Grade Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125V



CRL5362LA

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CRL5262
Description: Straight Blade Duplex Receptacle – Construction Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498. Federal Specification WC596. CSA/CUL approved, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ CRL5262IB	Ivory	15A 125V	5-15R	❒ CRL5262SCIB	Ivory	15A 125V	5-15R
❒ CRL5262WB	White	15A 125V	5-15R	❒ CRL5262SCWB	White	15A 125V	5-15R
❒ CRL5262B	Brown	15A 125V	5-15R	❒ CRL5262SCB	Brown	15A 125V	5-15R
❒ CRL5262GRYB	Gray	15A 125V	5-15R	❒ CRL5262SCGRYB	Gray	15A 125V	5-15R
❒ CRL5262BKB	Black	15A 125V	5-15R	❒ CRL5262SCBKB	Black	15A 125V	5-15R
❒ CRL5262REDB	Red	15A 125V	5-15R	❒ CRL5262SCREDB	Red	15A 125V	5-15R
❒ CRL5262LAB	Lt. Al.	15A 125V	5-15R	❒ CRL5262SCLAB	Lt. Al.	15A 125V	5-15R
❒ CRL5362IB	Ivory	20A 125V	5-20R	❒ CRL5362SCIB	Ivory	20A 125V	5-20R
❒ CRL5362WB	White	20A 125V	5-20R	❒ CRL5362SCWB	White	20A 125V	5-20R
❒ CRL5362B	Brown	20A 125V	5-20R	❒ CRL5362SCB	Brown	20A 125V	5-20R
❒ CRL5362GRYB	Gray	20A 125V	5-20R	❒ CRL5362SCGRYB	Gray	20A 125V	5-20R
❒ CRL5362BKB	Black	20A 125V	5-20R	❒ CRL5362SCBKB	Black	20A 125V	5-20R
❒ CRL5362REDB	Red	20A 125V	5-20R	❒ CRL5362SCREDB	Red	20A 125V	5-20R
❒ CRL5362LAB	Lt. Al.	20A 125V	5-20R	❒ CRL5362SCLAB	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Lead Identification	In accordance with UL498 (White, Black, Green) #12 AWG, THHN, copper conductor, 6" leads, stripped, stranded wire
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Assembly Drive Screw	Plated Steel
Back Body	PVC	Auto-Ground Clip	Stainless Steel
Line Contacts	.032 688 Brass	Mounting Screws	Tri-Drive Steel
Mounting Strap	.042 Plated Steel	Wire	6" Copper THHN

Consult Straight Blade Section B for complete compliance listing.

NEMA 5-15R

NEMA 5-20R

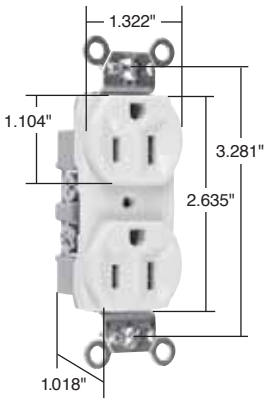
Project
Location/Type

Technical Specifications
Commercial Specification Grade Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125V

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CR15/BR15/5850
Description: Straight Blade Duplex Receptacle – Commercial Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.



15 & 20 Amp

Side Wire				Back & Side Wire			
Catalog Number	**Color**	**Rating**	**NEMA Config. No.**	**Catalog Number**	**Color**	**Rating**	**NEMA Config. No.**
❒ CR15I	Ivory	15A 125V	5-15R	❒ BR15I	Ivory	15A 125V	5-15R
❒ CR15W	White	15A 125V	5-15R	❒ BR15W	White	15A 125V	5-15R
❒ CR15	Brown	15A 125V	5-15R	❒ BR15	Brown	15A 125V	5-15R
❒ CR15GRY	Gray	15A 125V	5-15R	❒ BR15GRY	Gray	15A 125V	5-15R
❒ CR15LA	Lt. Al.	15A 125V	5-15R	❒ BR15LA	Lt. Al.	15A 125V	5-15R
❒ CR20I	Ivory	20A 125V	5-20R	❒ BR20I	Ivory	20A 125V	5-20R
❒ CR20W	White	20A 125V	5-20R	❒ BR20W	White	20A 125V	5-20R
❒ CR20	Brown	20A 125V	5-20R	❒ BR20	Brown	20A 125V	5-20R
❒ CR20GRY	Gray	20A 125V	5-20R	❒ BR20GRY	Gray	20A 125V	5-20R
❒ CR20BK	Black	20A 125V	5-20R	❒ BR20BK	Black	20A 125V	5-20R
❒ CR20RED	Red	20A 125V	5-20R	❒ BR20LA	Lt. Al.	20A 125V	5-20R
❒ CR20LA	Lt. Al.	20A 125V	5-20R				
❒ 5850I	Ivory	20A 250V	6-20R				
❒ 5850W	White	20A 250V	6-20R				

Performance

Electrical	
Dielectric Voltage	Withstands 1500V minimum
Maximum Working Voltage	125V
Maximum Continuous Current	15A – CR15/BR15; 20A – CR20/BR20/5850
Temperature Rise	Maximum 30°C after 50 cycles at 150% of rated current
Mechanical	
Terminal Accommodation	#14 – #10 AWG
Product Identification	Amp, Voltage, 3rd Party Compliance
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +50°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#8 Tri-Drive Steel (Neutral = Nickel-Plated Steel)
Back Body	PVC	Ground Screw	#8 Hex Tri-Drive Steel with Green Zinc Coating
Line Contacts	.032 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Mounting Strap	.042 Plated Steel	Auto-Ground Clip	Stainless Steel
Ground Contacts	.040 260 Brass	Mounting Screws	Tri-Drive Steel

Consult Straight Blade Section B for complete compliance listing.

NEMA 5-15R **NEMA 5-20R** **NEMA 6-20R**

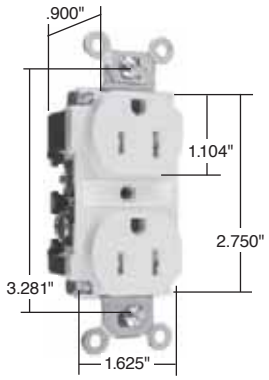
Project
Location/Type

Pass & Seymour

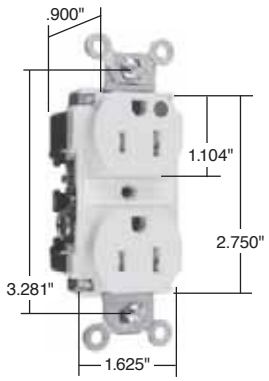
legrand

Technical Specifications
Tamper-Resistant Specification & Hospital Grade Receptacles

Back & Side Wire 2 Pole, 3 Wire Grounding 15 & 20A, 125



TR62I



TR62HI

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand TR62
Description: Straight Blade Duplex Receptacle – Tamper-Resistant Specification & Hospital Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ TR62I	Ivory	15A 125V	5-15R	❒ TR62HI	Ivory	15A 125V	5-15R
❒ TR62W	White	15A 125V	5-15R	❒ TR62HW	White	15A 125V	5-15R
❒ TR62	Brown	15A 125V	5-15R	❒ TR62H	Brown	15A 125V	5-15R
❒ TR62GRY	Gray	15A 125V	5-15R	❒ TR62HGRY	Gray	15A 125V	5-15R
❒ TR62BK	Black	15A 125V	5-15R	❒ TR62HRED	Red	15A 125V	5-15R
❒ TR62RED	Red	15A 125V	5-15R	❒ TR62HLA	Lt. Al.	15A 125V	5-15R
❒ TR62LA	Lt. Al.	15A 125V	5-15R	❒ TR63HI	Ivory	20A 125V	5-20R
❒ TR62BL	Blue	15A 125V	5-15R	❒ TR63HW	White	20A 125V	5-20R
❒ TR63I	Ivory	20A 125V	5-20R	❒ TR63H	Brown	20A 125V	5-20R
❒ TR63W	White	20A 125V	5-20R	❒ TR63HGRY	Gray	20A 125V	5-20R
❒ TR63	Brown	20A 125V	5-20R	❒ TR63HRED	Red	20A 125V	5-20R
❒ TR63GRY	Gray	20A 125V	5-20R	❒ TR63HLA	Lt. Al	20A 125V	5-20R
❒ TR63BK	Black	20A 125V	5-20R	❒ TR63HBL	Blue	20A 125V	5-20R
❒ TR63RED	Red	20A 125V	5-20R				
❒ TR63LA	Lt. Al.	20A 125V	5-20R				

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal Identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#10 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	Nylon		
Line Contacts	.036 688 Brass	Ground Screw	#10 Hex Tri-Drive Brass
Mounting Strap	.050 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Ground Contacts	Strap with Integral Ground	Auto-Ground Clip	Brass
Pressure Plate	.031 260 Brass	Mounting Screws	Tri-Drive Steel
Tamper Shutter	Thermoplastic		

NEMA 5-15R

NEMA 5-20R

Consult Straight Blade Section B for complete compliance listing.

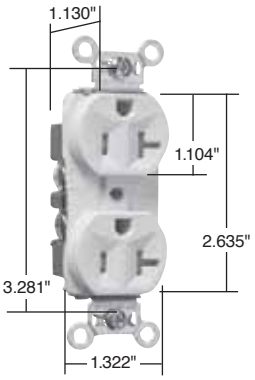
Project
Location/Type

Technical Specifications
Tamper-Resistant Hard Use Receptacles
15 & 20A, 125V

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand TR5262
Description: Straight Blade Duplex Receptacle – Tamper-Resistant Hard Use
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, CSA/CUL Approved, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.



TR5362LA

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒TR5262I	Ivory	15A 125V	5-15R	❒TR5362I	Ivory	20A 125V	5-20R
❒TR5262W	White	15A 125V	5-15R	❒TR5362W	White	20A 125V	5-20R
❒TR5262	Brown	15A 125V	5-15R	❒TR5362	Brown	20A 125V	5-20R
❒TR5262GRY	Gray	15A 125V	5-15R	❒TR5362GRY	Gray	20A 125V	5-20R
❒TR5262BK	Black	15A 125V	5-15R	❒TR5362BK	Black	20A 125V	5-20R
❒TR5262RED	Red	15A 125V	5-15R	❒TR5362RED	Red	20A 125V	5-20R
❒TR5262LA	Lt. Al.	15A 125V	5-15R	❒TR5362LA	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Maximum Continuous Current	TR5262 = 15A TR5263 = 20A
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Amperage, Voltage, 3rd Party Compliance
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#10 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Back Body	PVC	Ground Screw	#8 Hex Tri-Drive Steel; Zinc Coating with Green Chromate
Line Contacts	.036 Olin 688 Brass	Assembly Drive Screw	Zinc-Plated Steel
Mounting Strap	.042 Zinc-Plated Steel	Auto-Ground Clip	Stainless Steel
Ground Contacts	.040 Olin 688 Brass	Mounting Screws	Tri-Drive Steel
Pressure Plate	.080 Steel		
Tamper-Resistant Shutters	Thermoplastic		

NEMA 5-15R

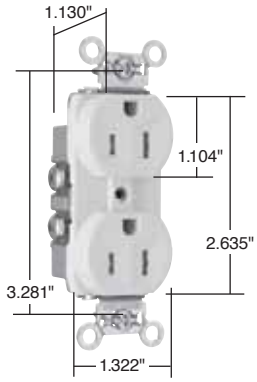
NEMA 5-20R

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Tamper-Resistant Commercial Grade Receptacles
15 & 20A, 125V



TR15LA

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand TR15
Description: Straight Blade Duplex Receptacle – Tamper-Resistant Commercial Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULs Listed, File Number E140596, Standard UL498, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ TR15I	Ivory	15A 125V	5-15R	❒ TR20I	Ivory	20A 125V	5-20R
❒ TR15W	White	15A 125V	5-15R	❒ TR20W	White	20A 125V	5-20R
❒ TR15	Brown	15A 125V	5-15R	❒ TR20	Brown	20A 125V	5-20R
❒ TR15GRY	Gray	15A 125V	5-15R	❒ TR20GRY	Gray	20A 125V	5-20R
❒ TR15LA	Lt. Al.	15A 125V	5-15R	❒ TR20BK	Black	20A 125V	5-20R
				❒ TR20LA	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 1500V minimum
Maximum Working Voltage	125V
Maximum Continuous Current	15A – TR15; 20A – TR20
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Accommodation	#14 – #10 AWG
Product Identification	Amperage, Voltage, 3rd Party Compliance
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +50°C, minimum -40°C without impact

Materials

Face	Nylon	Terminal Screws	#8 Tri-Drive Steel (Neutral = Nickel-Plated Steel)
Back Body	PVC	Ground Screws	#8 Hex Tri-Drive Steel; Zinc Coating with Green Chromate
Line Contacts	.032 260 Brass	Assembly Drive Screw	Zinc-Plated Steel
Mounting Strap	.042 Zinc-Plated Steel	Auto-Ground Clip	Stainless Steel
Ground Contacts	.040 260 Brass	Mounting Screws	Tri-Drive Steel
Tamper-Resistant Shutters	Thermoplastic		

NEMA 5-15R

NEMA 5-20R

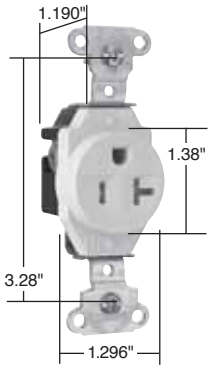
Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
Tamper-Resistant Construction Grade Single Receptacles
15 & 20A, 125V

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand TR5251
Description: Straight Blade Single Receptacle – Tamper-Resistant Construction Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, CSA Certified, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.



TR5351LA

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒TR5251I	Ivory	15A 125V	5-15R	❒TR5351I	Ivory	20A 125V	5-20R
❒TR5251W	White	15A 125V	5-15R	❒TR5351W	White	20A 125V	5-20R
❒TR5251	Brown	15A 125V	5-15R	❒TR5351	Brown	20A 125V	5-20R
❒TR5251LA	Lt. Al.	15A 125V	5-15R	❒TR5351LA	Lt. Al.	20A 125V	5-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass
Back Body	PVC	Hex Head Grounding Screw	Tri-Drive Zinc-Plated Steel
Contacts	.032" (.8)Brass	Assembly Rivets	Steel
Clamping Plate	.080" Steel	Mounting Screws	Tri-Drive Steel
Mounting Strap	.042" Steel		
Tamper-Resistant Shutters	Thermoplastic		

NEMA 5-15R

NEMA 5-20R

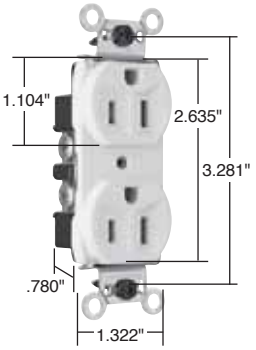
Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Weather-Resistant Heavy-Duty Receptacles

15 & 20A, 125 & 250V



WR5262W

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand WR5262
Description: Straight Blade Duplex Receptacle – Weather-Resistant Heavy-Duty
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

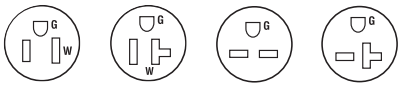
Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ WR5262I	Ivory	15A 125V	5-15R	❒ WR5662I	Ivory	15A 250V	6-15R
❒ WR5262W	White	15A 125V	5-15R	❒ WR5662W	White	15A 250V	6-15R
❒ WR5262GRY	Gray	15A 125V	5-15R	❒ WR5662GRY	Gray	15A 250V	6-15R
❒ WR5362I	Ivory	20A 125V	5-20R	❒ WR5362I	Ivory	20A 250V	6-20R
❒ WR5362W	White	20A 125V	5-20R	❒ WR5362W	White	20A 250V	6-20R
❒ WR5362GRY	Gray	20A 125V	5-20R	❒ WR5362GRY	Gray	20A 250V	6-20R

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V/250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

Materials

Face	UV Resistant Nylon	Ground Screw	#8 Hex Tri-Drive Nickel-Plated Steel
Back Body	PVC	Assembly Drive Screw	.0004" Zinc-Plated Steel
Line Contacts	.032 688 Brass	Auto-Ground Clip	Stainless Steel
Mounting Strap	.043 260 Brass	Mounting Screws	Tri-Drive Steel .0004" Zinc-Plated Steel
Ground Contact	.040 688 Brass		
Pressure Plate	.080 Nickel-Plated Steel		
Terminal Screws	#8 Tri-Drive Steel (Neutral = Nickel-Plated Steel)		



NEMA 5-15R **NEMA 5-20R** **NEMA 6-15R** **NEMA 6-20R**

Project
Location/Type

Pass & Seymour
legrand

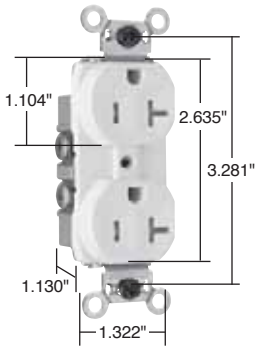
Technical Specifications
Weather-Resistant Commercial Grade Receptacles
15 & 20A, 125 & 250V

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand WR20TR
Description: Straight Blade Duplex Receptacle – Weather-Resistant Commercial Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA 5-20R
3rd Party Compliance: cUL Listed, File Number E140596, Standard UL498, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ WR20TRI	Ivory	20A 125V	5-20R	❒ WR20TRGRY	Gray	20A 125V	5-20R
❒ WR20TRW	White	20A 125V	5-20R	❒ WR20TRLA	Lt. Al.	20A 125V	5-20R
❒ WR20TR	Brown	20A 125V	5-20R				

WR20TR models are Tamper-Resistant.



WR20TRW

Performance

Electrical	
Dielectric Voltage	Withstands 1500V minimum
Maximum Working Voltage	125V
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +50°C, minimum -40°C without impact

Materials

Face	UV Resistant Nylon	Ground Screw	#8 Hex Tri-Drive Nickel-Plated Steel
Back Body	PVC	Assembly Drive Screw	Zinc-Plated Steel
Line Contacts	.032 260 Brass	Auto-Ground Clip	Stainless Steel
Mounting Strap	.042 Nickel-Plated Steel	Mounting Screws	Tri-Drive Steel
Ground Contact	.040 260 Brass		
Terminal Screws	#8 Tri-Drive Brass (Neutral = Nickel-Plated Brass)		

NEMA 5-20R

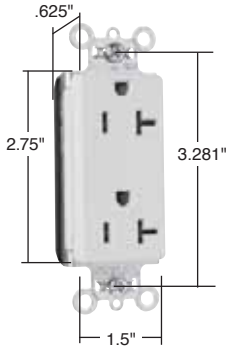
Project
Location/Type

Pass & Seymour

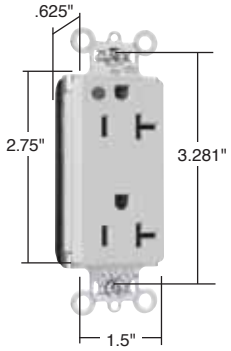
legrand

EXCLUSIVE! P&S EXCLUSIVE!

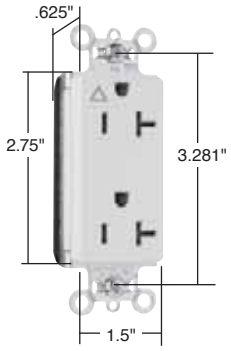
Technical Specifications
PlugTail™ Decorator Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125V



PT26352LA



PT26362HGI



PTIG26362LA

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT26252
Description: PlugTail™ Straight Blade Duplex Receptacle – Decorator Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498. Federal Specification WC596. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	NEMA Rating	Config. No.
❒ PT26252I	Ivory	15A 125V	5-15R	❒ PT26362HGI	Ivory	20A 125V	5-20R
❒ PT26252W	White	15A 125V	5-15R	❒ PT26362HGW	White	20A 125V	5-20R
❒ PT26252	Brown	15A 125V	5-15R	❒ PT26362HGGRY	Gray	20A 125V	5-20R
❒ PT26252GRY	Gray	15A 125V	5-15R	❒ PT26362HGRED	Red	20A 125V	5-20R
❒ PT26252BK	Black	15A 125V	5-15R	❒ PT26362HGLA	Lt. Al.	20A 125V	5-20R
❒ PT26252RED	Red	15A 125V	5-15R	❒ PTIG26262I	Ivory	15A 125V	5-15R
❒ PT26252LA	Lt. Al.	15A 125V	5-15R	❒ PTIG26262W	White	15A 125V	5-15R
❒ PT26352I	Ivory	20A 125V	5-20R	❒ PTIG26262	Orange	15A 125V	5-15R
❒ PT26352W	White	20A 125V	5-20R	❒ PTIG26262GRY	Gray	15A 125V	5-15R
❒ PT26352	Brown	20A 125V	5-20R	❒ PTIG26262RED	Red	15A 125V	5-15R
❒ PT26352GRY	Gray	20A 125V	5-20R	❒ PTIG26262LA	Lt. Al.	15A 125V	5-15R
❒ PT26352BK	Black	20A 125V	5-20R	❒ PTIG26362I	Ivory	20A 125V	5-20R
❒ PT26352RED	Red	20A 125V	5-20R	❒ PTIG26362W	White	20A 125V	5-20R
❒ PT26352LA	Lt. Al.	20A 125V	5-20R	❒ PTIG26362	Orange	20A 125V	5-20R
❒ PT26262HGI	Ivory	15A 125V	5-15R	❒ PTIG26362GRY	Gray	20A 125V	5-20R
❒ PT26262HGW	White	15A 125V	5-15R	❒ PTIG26362RED	Red	20A 125V	5-20R
❒ PT26262HGGRY	Gray	15A 125V	5-15R	❒ PTIG26362LA	Lt. Al.	20A 125V	5-20R
❒ PT26262HGRED	Red	15A 125V	5-15R				

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	125V
Current Interrupting	Certified for current interrupting at full-rated current (receptacle only)
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

PlugTail Receptacle Materials

Face	Nylon	Integral Ground System	.036 260 Brass
Back Body	PVC	Assembly Drive Screw	Plated Steel
Line Contacts	.036 688 Brass	Auto-Ground Clip	Steel
Mounting Strap	.042 Plated Steel	Mounting Screws	Tri-Drive Steel

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030 Brass

NEMA 5-15R

NEMA 5-20R

Consult Straight Blade Section B for complete compliance listing.

Project

Location/Type

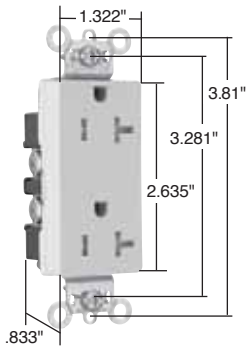
Pass & Seymour
legrand

Technical Specifications
Heavy-Duty Tamper-Resistant Decorator Receptacles
15 & 20A, 125V

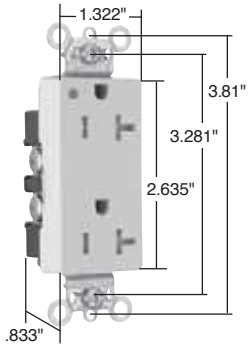
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand TR26362
Description: PlugTail™ Straight Blade Duplex Receptacle – Heavy-Duty Tamper-Resistant Decorator
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Federal Specification WC596, CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ TR26262I	Ivory	15A 125V	5-15R	❒ TR26262HGI	Ivory	15A 125V	5-15R
❒ TR26262W	White	15A 125V	5-15R	❒ TR26262HGW	White	15A 125V	5-15R
❒ TR26262	Brown	15A 125V	5-15R	❒ TR26262HG	Brown	15A 125V	5-15R
❒ TR26262GRY	Gray	15A 125V	5-15R	❒ TR26262HGGRY	Gray	15A 125V	5-15R
❒ TR26262BK	Black	15A 125V	5-15R	❒ TR26262HGBK	Black	15A 125V	5-15R
❒ TR26262RED	Red	15A 125V	5-15R	❒ TR26262HGRED	Red	15A 125V	5-15R
❒ TR26262LA	Lt. Al.	15A 125V	5-15R	❒ TR26262HGLA	Lt. Al.	15A 125V	5-15R
❒ TR26362I	Ivory	20A 125V	5-20R	❒ TR26362HGI	Ivory	20A 125V	5-20R
❒ TR26362W	White	20A 125V	5-20R	❒ TR26362HGW	White	20A 125V	5-20R
❒ TR26362	Brown	20A 125V	5-20R	❒ TR26362HG	Brown	20A 125V	5-20R
❒ TR26362GRY	Gray	20A 125V	5-20R	❒ TR26362HGGRY	Gray	20A 125V	5-20R
❒ TR26362BK	Black	20A 125V	5-20R	❒ TR26362HGBK	Black	20A 125V	5-20R
❒ TR26362RED	Red	20A 125V	5-20R	❒ TR26362HGRED	Red	20A 125V	5-20R
❒ TR26362LA	Lt. Al.	20A 125V	5-20R	❒ TR26362HGLA	Lt. Al.	20A 125V	5-20R



TR26362I



TR26362HGI

Performance

Electrical	
Dielectric Voltage	Withstands 2000V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of overload at 150% of rated current with direct current
Mechanical	
Terminal Identification	Terminal identification in accordance with UL498 (Brass, White, Green)
Terminal Accommodation	#14 – #10 AWG copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +60°C, minimum -40°C without impact

PlugTail Receptacle Materials

Face	Nylon	Tamper Shutter	Thermoplastic
Back Body	Nylon	Terminal Screws	#10 Tri-Drive Brass (Neutral = Nickel-Plated Steel)
Line Contacts	.036 688 Brass		
Mounting Strap	Plated Steel	Ground Screw	#10 Hex Tri-Drive Brass
Ground Contacts	Strap with Integral Ground	Auto-Ground Clip	Steel
Pressure Plate	.031 260 Brass	Mounting Screws	Tri-Drive Steel

NEMA 5-15R

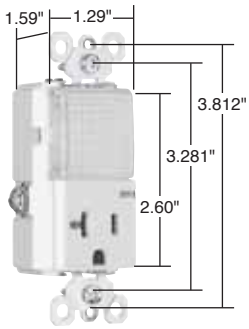
NEMA 5-20R

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Specification Grade Combination Receptacles
2 Pole, 3 Wire Grounding 20A, 120/125VAC



PS8HWLLA

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS8HWL
Description: Combination Straight Blade Receptacle – Specification Grade
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 120/125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E140596, Standard UL498. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ PS8HWLI	Ivory	20A 120/125V	5-20R	❒ PS8HWLLA	Lt. Al.	20A 120/125V	5-20R
❒ PS8HWLW	White	20A 120/125V	5-20R				

Light output in 1' FCD = 0.2561. FCD = Foot Candle Distance. 1 Lumen = 1 FCD.
See Page U-55 for more information.

Performance

Electrical	
Dielectric Voltage	Withstands 1500V minimum
Maximum Working Voltage	125V
Maximum Continuous Current	20A
Temperature Rise	Maximum 30°C after 50 cycles at 150% of rated current
Mechanical	
Terminal Accommodation	#14 AWG – #10 AWG
Product Identification	Amperage, Voltage, 3rd Party Compliance
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +50°C, minimum -40°C (without impact)

Materials

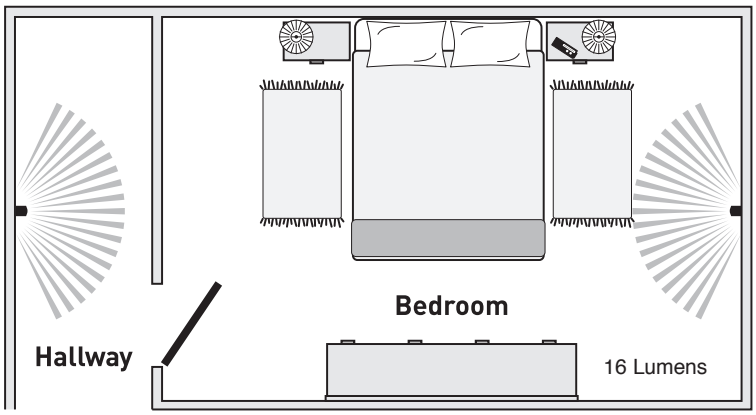
Face	Polycarbonate	Terminal Screws	#8 Tri-Drive Brass
Back Body	Polycarbonate	Ground Screw	#8 Hex Tri-Drive Brass
Line Contacts	.031 688 Brass	Mounting Screws	Tri-Drive Steel
Mounting Strap	.047 Steel	Lens	Polycarbonate
Ground Contacts	.040 260 Brass	Illuminating Lamp	2 LED
Pressure Plate	.031 260 Brass		

NEMA 5-20R

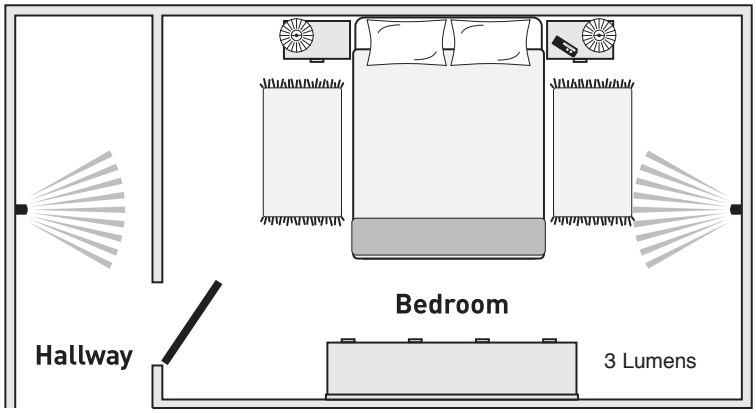
Project
Location/Type

Pass & Seymour
legrand

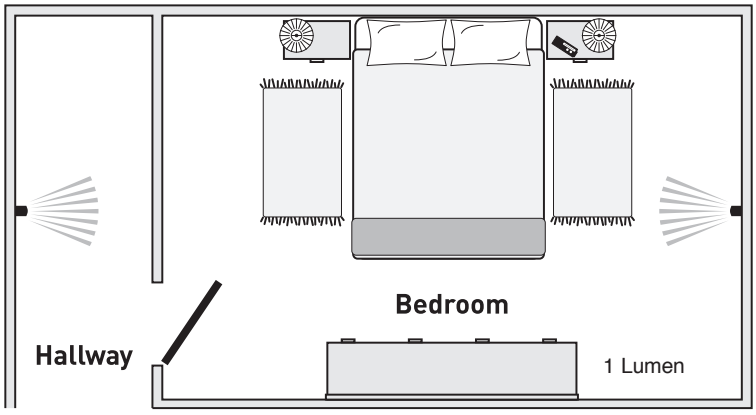
Standard 4 Watt Incandescent Nightlight



P&S Enhanced LED Nightlight



P&S LED Nightlight



Catalog Number	Description	Light Output in 1' FCD*
P&S Enhanced LED Nightlights		
TMHWLECC	Enhanced Decorator Full Hallway Light with Light Sensor	1.079
TMHWLENSCC	Enhanced Decorator Full Hallway Light without Light Sensor	1.113
TMHWLLOUVCC	Full Hallway Decorator Light for use with P&S Metal Louver Plates	0.0843
TM8HWLECC	Enhanced Decorator Hallway Light & Single Receptacle	0.2561
TM8HWLTRCC	Enhanced Decorator Hallway Light & Tamper-Resistant Single Receptacle	0.2561
PS8HWL	Specification Grade Enhanced Decorator Hallway Light & Single Receptacle	0.2561
1595NTLTRCC4	Combination Enhanced Nightlight/ GFCI (15 Amp)	0.180
2095NTLTR	Combination Enhanced Nightlight/ GFCI (20 Amp)	0.180
P&S LED Nightlights		
TMHWLCC	Decorator Full Hallway Light	0.1328
TM8HWLCC	Decorator Hallway Light & Single Receptacle	0.1442

*FCD = Foot Candle Distance. 1 Lumen = 1 FCD.

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Tamper-Resistant GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Dimensions for 15 & 20 Amp

Dimensions for 15 & 20 Amp With Auto-Ground

NEMA 5-15R

NEMA 5-20R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595TR
Description: Straight Blade Duplex Tamper-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595TRI	Ivory	15A 125VAC	5-15R
❒ 1595TRW	White	15A 125VAC	5-15R
❒ 1595TR	Brown	15A 125VAC	5-15R
❒ 1595TRBK	Black	15A 125VAC	5-15R
❒ 1595TRLA	Light Almond	15A 125VAC	5-15R
❒ 1595TRSI*	Ivory	15A 125VAC	5-15R
❒ 1595TRSW*	White	15A 125VAC	5-15R
❒ 1595TRSLA*	Light Almond	15A 125VAC	5-15R
❒ 2095TRI	Ivory	20A 125VAC	5-20R
❒ 2095TRW	White	20A 125VAC	5-20R
❒ 2095TR	Brown	20A 125VAC	5-20R
❒ 2095TRGRY	Gray	20A 125VAC	5-20R
❒ 2095TRBK	Black	20A 125VAC	5-20R
❒ 2095TRRED	Red	20A 125VAC	5-20R
❒ 2095TRLA	Light Almond	20A 125VAC	5-20R
❒ 2095TRSI*	Ivory	20A 125VAC	5-20R
❒ 2095TRSW*	White	20A 125VAC	5-20R
❒ 2095TRSLA*	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Hex Head Grounding Screw	Steel (Green)
Body	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon
Mounting Straps	.05" Zinc-Plated Steel (1.3)	Tamper-Resistant Shutter	Thermoplastic
Terminal Screws	Steel #8 - 32	Auto-Ground Clip*	Brass Alloy C260

*Tamper-Resistant GFCIs with Auto-Ground feature.

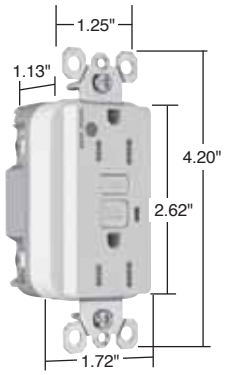
Project
Location/Type

Technical Specifications
Hospital Grade Tamper-Resistant GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595HGTR
Description: Straight Blade Duplex Hospital Grade Tamper-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 120V Feed Thru; 15A or 20A, 120V Face
3rd Party Compliance: cULus Listed, File Number E42190, Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596 Hospital Grade. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.



Dimensions for 15 & 20 Amp

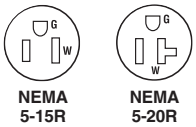
Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595HGTRI	Ivory	15A 125VAC	5-15R
❒ 1595HGTRW	White	15A 125VAC	5-15R
❒ 1595HGTR	Brown	15A 125VAC	5-15R
❒ 1595HGTRGRY	Gray	15A 125VAC	5-15R
❒ 1595HGTRRED	Red	15A 125VAC	5-15R
❒ 1595HGTRLA	Light Almond	15A 125VAC	5-15R
❒ 2095HGTRI	Ivory	20A 125VAC	5-20R
❒ 2095HGTRW	White	20A 125VAC	5-20R
❒ 2095HGTR	Brown	20A 125VAC	5-20R
❒ 2095HGTRGRY	Gray	20A 125VAC	5-20R
❒ 2095HGTRRED	Red	20A 125VAC	5-20R
❒ 2095HGTRLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Hex Head Grounding Screw	Steel (Green)
Body	Nylon	Flat Head Mounting Screw	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon
Mounting Strap	.05" Zinc-Plated Steel (1.3)	Tamper-Resistant Shutter	Thermoplastic
Terminal Screws	Steel #8 - 32		



NEMA 5-15R **NEMA 5-20R**

Project
Location/Type

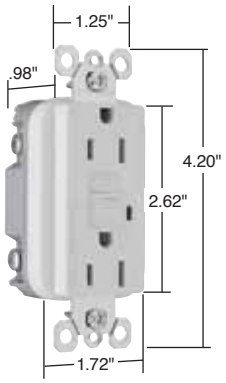
Pass & Seymour

legrand

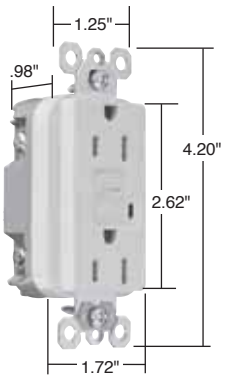
Technical Specifications

TradeMaster® & Specification Grade GFCI Receptacles

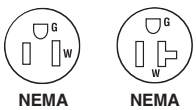
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC



Dimensions for 15 & 20 Amp



Dimensions for 15 & 20 Amp With Auto-Ground



NEMA 5-15R **NEMA 5-20R**

*GFCIs with Auto-Ground feature.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595
Description: Straight Blade Duplex GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595I	Ivory	15A 125VAC	5-15R
❒ 1595W	White	15A 125VAC	5-15R
❒ 1595	Brown	15A 125VAC	5-15R
❒ 1595GRY	Gray	15A 125VAC	5-15R
❒ 1595BK	Black	15A 125VAC	5-15R
❒ 1595RED	Red	15A 125VAC	5-15R
❒ 1595LA	Light Almond	15A 125VAC	5-15R
❒ 1595SI*	Ivory	15A 125VAC	5-15R
❒ 1595SW*	White	15A 125VAC	5-15R
❒ 1595SLA*	Light Almond	15A 125VAC	5-15R
❒ 2095I	Ivory	20A 125VAC	5-20R
❒ 2095W	White	20A 125VAC	5-20R
❒ 2095	Brown	20A 125VAC	5-20R
❒ 2095GRY	Gray	20A 125VAC	5-20R
❒ 2095BK	Black	20A 125VAC	5-20R
❒ 2095RED	Red	20A 125VAC	5-20R
❒ 2095LA	Light Almond	20A 125VAC	5-20R
❒ 2095SI*	Ivory	20A 125VAC	5-20R
❒ 2095SW*	White	20A 125VAC	5-20R
❒ 2095SLA*	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Steel #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screws	Zinc-Plated Steel
Mounting Straps	.05" Zinc-Plated Steel (1.3)	Test/Reset Buttons	Nylon
		Auto-Ground Clip*	Brass Alloy C260

Project
Location/Type

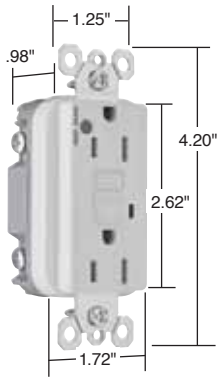
Technical Specifications
Hospital Grade GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595HG
Description: Straight Blade Duplex Hospital Grade GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 120V Feed Thru; 15A or 20A, 120V Face
3rd Party Compliance: cULus Listed, File Number E42190, Standard UL498, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596 Hospital Grade. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒1595HGI	Ivory	15A 125VAC	5-15R
❒1595HGW	White	15A 125VAC	5-15R
❒1595HG	Brown	15A 125VAC	5-15R
❒1595HGGRY	Gray	15A 125VAC	5-15R
❒1595HGRED	Red	15A 125VAC	5-15R
❒1595HGLA	Light Almond	15A 125VAC	5-15R
❒2095HGI	Ivory	20A 125VAC	5-20R
❒2095HGW	White	20A 125VAC	5-20R
❒2095HG	Brown	20A 125VAC	5-20R
❒2095HGGRY	Gray	20A 125VAC	5-20R
❒2095HGRED	Red	20A 125VAC	5-20R
❒2095HGLA	Light Almond	20A 125VAC	5-20R



Dimensions for 15 & 20 Amp

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Steel #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screw	Zinc-Plated Steel
Mounting Strap	.05" Zinc-Plated Steel (1.3)	Test/Reset Buttons	Nylon

NEMA 5-15R

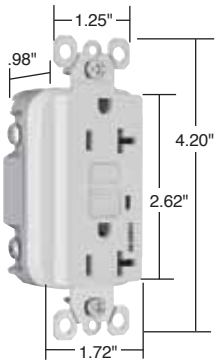
NEMA 5-20R

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Illuminated GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC



Dimensions for 15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595L
Description: Straight Blade Duplex Illuminated GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595IL	Ivory	15A 125VAC	5-15R
❒ 1595WL	White	15A 125VAC	5-15R
❒ 1595L	Brown	15A 125VAC	5-15R
❒ 1595LAL	Light Almond	15A 125VAC	5-15R
❒ 2095IL	Ivory	20A 125VAC	5-20R
❒ 2095WL	White	20A 125VAC	5-20R
❒ 2095L	Brown	20A 125VAC	5-20R
❒ 2095GRYL	Gray	20A 125VAC	5-20R
❒ 2095LAL	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Green, ON when power is available
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Steel #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screws	Zinc-Plated Steel
Mounting Straps	.05" Zinc-Plated Steel (1.3)	Test/Reset Buttons	Nylon

NEMA 5-15R

NEMA 5-20R

Project	
Location/Type	

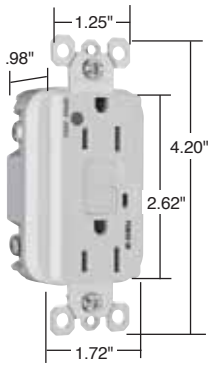
Pass & Seymour
legrand

Technical Specifications
Hospital Grade Illuminated GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595HGL
Description: Straight Blade Duplex Hospital Grade Illuminated GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 120V Feed Thru; 15A or 20A, 120V Face
3rd Party Compliance: cULus Listed, File Number E42190, Standard UL498, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596 Hospital Grade. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595HGIL	Ivory	15A 125VAC	5-15R
❒ 1595HGWL	White	15A 125VAC	5-15R
❒ 1595HGL	Brown	15A 125VAC	5-15R
❒ 1595HGGRYL	Gray	15A 125VAC	5-15R
❒ 1595HGREDL	Red	15A 125VAC	5-15R
❒ 1595HGLAL	Light Almond	15A 125VAC	5-15R
❒ 2095HGIL	Ivory	20A 125VAC	5-20R
❒ 2095HGWL	White	20A 125VAC	5-20R
❒ 2095HGL	Brown	20A 125VAC	5-20R
❒ 2095HGGRYL	Gray	20A 125VAC	5-20R
❒ 2095HGREDL	Red	20A 125VAC	5-20R
❒ 2095HGLAL	Light Almond	20A 125VAC	5-20R



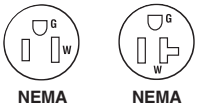
Dimensions for 15 & 20 Amp

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Green, ON when power is available
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Steel #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screw	Zinc-Plated Steel
Mounting Strap	.05" Zinc-Plated Steel (1.3)	Test/Reset Buttons	Nylon



NEMA 5-15R **NEMA 5-20R**

Project
Location/Type

Pass & Seymour

legrand

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Technical Specifications
Tamper-Resistant Nightlight/ GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Dimensions for 15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595NTLTRCC4
Description: Straight Blade Duplex Tamper-Resistant Nightlight/GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595NTLTRICC4	Ivory	15A 125VAC	5-15R
❒ 1595NTLTRWCC4	White	15A 125VAC	5-15R
❒ 1595NTLTRBKCC4	Black	15A 125VAC	5-15R
❒ 1595NTLTRLACC4	Light Almond	15A 125VAC	5-15R
❒ 2095NTLTRI	Ivory	20A 125VAC	5-20R
❒ 2095NTLTRW	White	20A 125VAC	5-20R
❒ 2095NTLTRGRY	Gray	20A 125VAC	5-20R
❒ 2095NTLTRRED	Red	20A 125VAC	5-20R
❒ 2095NTLTRLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Hex Head Grounding Screw	Steel (Green)
Body	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon
Mounting Straps	.05" Zinc-Plated Steel (1.3)	Nightlight Lens	Lexan®
Terminal Screws	Steel #8 - 32	Tamper-Resistant Shutter	Thermoplastic

NEMA 5-15R

NEMA 5-20R

Project
Location/Type

Technical Specifications

Hospital Grade Tamper-Resistant Nightlight/GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Pass & Seymour

legrand

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Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595HGNTLTR
Description: Straight Blade Duplex Hospital Grade Tamper-Resistant Nightlight/GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 120V Feed Thru; 15A or 20A, 120V Face
3rd Party Compliance: cULus Listed, File Number E42190, Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596 Hospital Grade. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595HGNTLTRI	Ivory	15A 125VAC	5-15R
❒ 1595HGNTLTRW	White	15A 125VAC	5-15R
❒ 1595HGNTLTR	Brown	15A 125VAC	5-15R
❒ 1595HGNTLTRGRY	Gray	15A 125VAC	5-15R
❒ 1595HGNTLTRRED	Red	15A 125VAC	5-15R
❒ 1595HGNTLTRLA	Light Almond	15A 125VAC	5-15R
❒ 2095HGNTLTRI	Ivory	20A 125VAC	5-20R
❒ 2095HGNTLTRW	White	20A 125VAC	5-20R
❒ 2095HGNTLTR	Brown	20A 125VAC	5-20R
❒ 2095HGNTLTRGRY	Gray	20A 125VAC	5-20R
❒ 2095HGNTLTRRED	Red	20A 125VAC	5-20R
❒ 2095HGNTLTRLA	Light Almond	20A 125VAC	5-20R

Dimensions for 15 & 20 Amp

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon	Hex Head Grounding Screw	Steel (Green)
Body	Nylon	Flat Head Mounting Screw	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon
Mounting Strap	.05" Zinc-Plated Steel (1.3)	Nightlight Lens	Lexan®
Terminal Screws	Steel #8 - 32	Tamper-Resistant Shutter	Thermoplastic

NEMA 5-15R

NEMA 5-20R

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Weather-Resistant GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Dimensions for 15 & 20 Amp

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595TRWR
Description: Straight Blade Duplex Weather-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498 Weather-Resistant, Tamper-Resistant, Attachment Plugs and Receptacles; UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595TRWRI	Ivory	15A 125VAC	5-15R
❒ 1595TRWRW	White	15A 125VAC	5-15R
❒ 1595TRWR	Brown	15A 125VAC	5-15R
❒ 1595TRWRLA	Light Almond	15A 125VAC	5-15R
❒ 2095TRWRI	Ivory	20A 125VAC	5-20R
❒ 2095TRWRW	White	20A 125VAC	5-20R
❒ 2095TRWR	Brown	20A 125VAC	5-20R
❒ 2095TRWRGRY	Gray	20A 125VAC	5-20R
❒ 2095TRWRLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon 66	Terminal Screws	Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screws	Zinc-Plated Steel
Mounting Strap	.05" Nickel Post-Plated Steel (1.3)	Test/Reset Buttons	Nylon 66
		Tamper-Resistant Shutter	Thermoplastic

NEMA 5-15R

NEMA 5-20R

Project	
Location/Type	

Pass & Seymour
legrand

Technical Specifications
Weather-Resistant DuraShield™ GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

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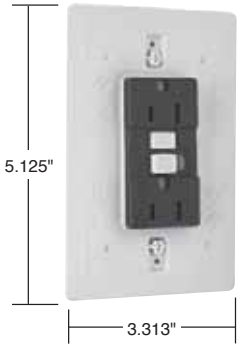
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 1595DSWRBKCC4
Description: Straight Blade Duplex Weather-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498 Weather-Resistant, Attachment Plugs and Receptacles; UL943 GFCIs. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ 1595DSWRBKCC4	Black	15A 125VAC	5-15R
❒ 2095DSWRBK	Black	20A 125VAC	5-20R



Dimensions for 15 & 20 Amp

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
Terminal Identification	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation	#14 – #10 AWG solid or stranded copper conductor only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

Materials

Face	Nylon 66	Terminal Screws	Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Steel (Green)
Contacts	.03" Brass (.8)	Flat Head Mounting Screws	Zinc-Plated Steel
Mounting Strap	.05" Nickel Post-Plated Steel (1.3)	Test/Reset Buttons	Nylon 66
		Integral Gasket	Santoprene®

NEMA 5-15R

NEMA 5-20R

Project
Location/Type

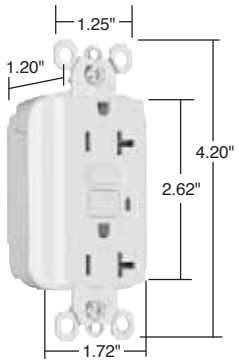
Pass & Seymour

legrand

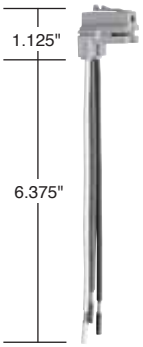
Technical Specifications

PlugTail™ Specification Grade GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC



Dimensions for 15 & 20 Amp



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NEMA 5-15R

NEMA 5-20R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595
Description: PlugTail™ Straight Blade Duplex GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595I	Ivory	15A 125VAC	5-15R
❒ PT1595W	White	15A 125VAC	5-15R
❒ PT1595	Brown	15A 125VAC	5-15R
❒ PT1595GRY	Gray	15A 125VAC	5-15R
❒ PT1595BK	Black	15A 125VAC	5-15R
❒ PT1595RED	Red	15A 125VAC	5-15R
❒ PT1595LA	Light Almond	15A 125VAC	5-15R
❒ PT2095I	Ivory	20A 125VAC	5-20R
❒ PT2095W	White	20A 125VAC	5-20R
❒ PT2095	Brown	20A 125VAC	5-20R
❒ PT2095GRY	Gray	20A 125VAC	5-20R
❒ PT2095BK	Black	20A 125VAC	5-20R
❒ PT2095RED	Red	20A 125VAC	5-20R
❒ PT2095LA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

PlugTail™ GFCI Receptacle Materials

Face	Nylon	Mounting Strap	.05" Zinc-Plated Steel (1.3)
Body	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass

Project
Location/Type

Technical Specifications

PlugTail™ Hospital Grade GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

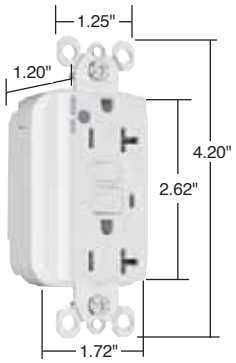
Pass & Seymour

legrand

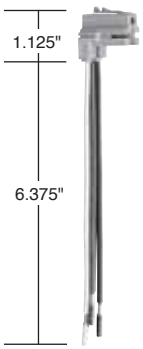
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595HG
Description: PlugTail™ Straight Blade Duplex Hospital Grade GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596, Hospital Grade. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595HGI	Ivory	15A 125VAC	5-15R
❒ PT1595HGW	White	15A 125VAC	5-15R
❒ PT1595HG	Brown	15A 125VAC	5-15R
❒ PT1595HGGRY	Gray	15A 125VAC	5-15R
❒ PT1595HGRED	Red	15A 125VAC	5-15R
❒ PT1595HGLA	Light Almond	15A 125VAC	5-15R
❒ PT2095HGI	Ivory	20A 125VAC	5-20R
❒ PT2095HGW	White	20A 125VAC	5-20R
❒ PT2095HG	Brown	20A 125VAC	5-20R
❒ PT2095HGGRY	Gray	20A 125VAC	5-20R
❒ PT2095HGRED	Red	20A 125VAC	5-20R
❒ PT2095HGLA	Light Almond	20A 125VAC	5-20R



Dimensions for 15 & 20 Amp



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Performance

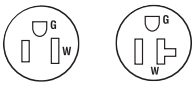
Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

PlugTail™ GFCI Receptacle Materials

Face	Nylon	Mounting Strap	.05" Zinc-Plated Steel (1.3)
Body	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Contacts	.03" Brass (.8)	Test/Reset Buttons	Nylon

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass



NEMA 5-15R **NEMA 5-20R**

Project
Location/Type

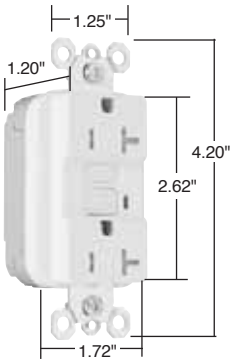
Pass & Seymour

legrand

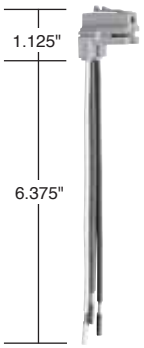
Technical Specifications

PlugTail™ Specification Grade Tamper-Resistant GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC



Dimensions for 15 & 20 Amp



PTRA6STR

NEMA 5-15R

NEMA 5-20R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595NTL
Description: PlugTail™ Straight Blade Duplex Tamper-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595TRI	Ivory	15A 125VAC	5-15R
❒ PT1595TRW	White	15A 125VAC	5-15R
❒ PT1595TR	Brown	15A 125VAC	5-15R
❒ PT1595TRGRY	Gray	15A 125VAC	5-15R
❒ PT1595TRBK	Black	15A 125VAC	5-15R
❒ PT1595TRRED	Red	15A 125VAC	5-15R
❒ PT1595TRLA	Light Almond	15A 125VAC	5-15R
❒ PT2095TRI	Ivory	20A 125VAC	5-20R
❒ PT2095TRW	White	20A 125VAC	5-20R
❒ PT2095TR	Brown	20A 125VAC	5-20R
❒ PT2095TRGRY	Gray	20A 125VAC	5-20R
❒ PT2095TRBK	Black	20A 125VAC	5-20R
❒ PT2095TRRED	Red	20A 125VAC	5-20R
❒ PT2095TRLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

PlugTail™ GFCI Receptacle Materials

Face	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Body	Nylon	Test/Reset Buttons	Nylon
Contacts	.03" Brass (.8)	Tamper-Resistant Shutter	Thermoplastic
Mounting Strap	.05" Zinc-Plated Steel (1.3)		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass

Project
Location/Type

Technical Specifications

PlugTail™ Hospital Grade Tamper-Resistant GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

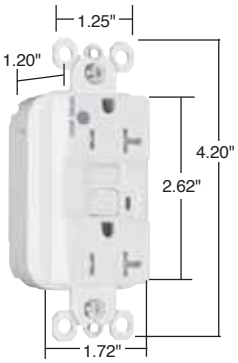
Pass & Seymour

legrand

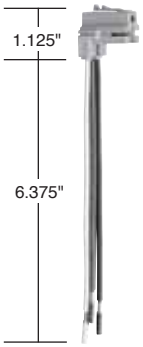
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595HG
Description: PlugTail™ Straight Blade Duplex Hospital Grade Tamper-Resistant GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596, Hospital Grade. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595HGTRI	Ivory	15A 125VAC	5-15R
❒ PT1595HGTRW	White	15A 125VAC	5-15R
❒ PT1595HGTRGRY	Gray	15A 125VAC	5-15R
❒ PT1595HGTRRED	Red	15A 125VAC	5-15R
❒ PT1595HGTRLA	Light Almond	15A 125VAC	5-15R
❒ PT2095HGTRI	Ivory	20A 125VAC	5-20R
❒ PT2095HGTRW	White	20A 125VAC	5-20R
❒ PT2095HGTRGRY	Gray	20A 125VAC	5-20R
❒ PT2095HGTRRED	Red	20A 125VAC	5-20R
❒ PT2095HGTRLA	Light Almond	20A 125VAC	5-20R



Dimensions for 15 & 20 Amp



PTRA6STR

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

PlugTail™ GFCI Receptacle Materials

Face	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Body	Nylon	Test/Reset Buttons	Nylon
Contacts	.03" Brass (.8)	Tamper-Resistant Shutter	Thermoplastic
Mounting Strap	.05" Zinc-Plated Steel (1.3)		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass

NEMA 5-15R

NEMA 5-20R

Project
Location/Type

Pass & Seymour

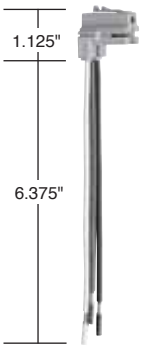
legrand

Technical Specifications

PlugTail™ Specification Grade Nightlight/GFCI Receptacles

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Dimensions for 15 & 20 Amp



PTRA6STR

NEMA 5-15R

NEMA 5-20R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595NTL
Description: PlugTail™ Straight Blade Duplex Nightlight/GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Tamper-Resistant, Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595NTLI	Ivory	15A 125VAC	5-15R
❒ PT1595NTLW	White	15A 125VAC	5-15R
❒ PT1595NTLGRY	Gray	15A 125VAC	5-15R
❒ PT1595NTLBK	Black	15A 125VAC	5-15R
❒ PT1595NTLRED	Red	15A 125VAC	5-15R
❒ PT1595NTLLA	Light Almond	15A 125VAC	5-15R
❒ PT2095NTLI	Ivory	20A 125VAC	5-20R
❒ PT2095NTLW	White	20A 125VAC	5-20R
❒ PT2095NTLGRY	Gray	20A 125VAC	5-20R
❒ PT2095NTLBK	Black	20A 125VAC	5-20R
❒ PT2095NTLRED	Red	20A 125VAC	5-20R
❒ PT2095NTLLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

PlugTail™ GFCI Receptacle Materials

Face	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Body	Nylon	Test/Reset Buttons	Nylon
Contacts	.03" Brass (.8)	Nightlight Lens	Lexan®
Mounting Strap	.05" Nickel-Plated Steel (1.3)		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass

Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
PlugTail™ Hospital Grade Nightlight/GFCI Receptacles
2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PT1595HG
Description: PlugTail™ Straight Blade Duplex Hospital Grade Nightlight/GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru, 15A, 125VAC or 20A, 125VAC FACE
3rd Party Compliance: cULus Listed File Number E42190 and E140596, Standard UL498 Attachment Plugs and Receptacles, UL943 GFCIs. Federal Specification WC596, Hospital Grade. Standard CSA C22.2 No. 42 General Use Receptacles, CSA C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Configuration No.
❒ PT1595HGNTLI	Ivory	15A 125VAC	5-15R
❒ PT1595HGNTLW	White	15A 125VAC	5-15R
❒ PT1595HGNTLGRY	Gray	15A 125VAC	5-15R
❒ PT1595HGNTLRED	Red	15A 125VAC	5-15R
❒ PT1595HGNTLLA	Light Almond	15A 125VAC	5-15R
❒ PT2095HGNTLI	Ivory	20A 125VAC	5-20R
❒ PT2095HGNTLW	White	20A 125VAC	5-20R
❒ PT2095HGNTLGRY	Gray	20A 125VAC	5-20R
❒ PT2095HGNTLRED	Red	20A 125VAC	5-20R
❒ PT2095HGNTLLA	Light Almond	20A 125VAC	5-20R

Performance

Electrical	
Dielectric	Withstands 1500V minimum
Trip Level	4 to 6 mA
Trip Time	.025 Second Nominal
Frequency	60 Hz
Voltage	125VAC
Voltage Range	102-132VAC
Mechanical	
Indicator Light (LED)	Red, ON when GFCI is tripped
PlugTail Connector Identification	#12 AWG, THHN, copper conductor, 6" leads, stripped, solid or stranded, for use with PlugTail Receptacles only
Product Identification	Ratings are a permanent part of the device
Environmental	
Operating Temperature	-35°C to +66°C
Maximum Humidity	95%
Flammability	UL94 V2

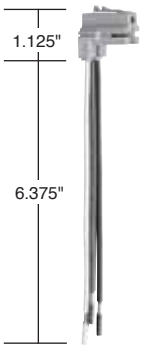
PlugTail™ GFCI Receptacle Materials

Face	Nylon	Flat Head Mounting Screws	Zinc-Plated Steel
Body	Nylon	Test/Reset Buttons	Nylon
Contacts	.03" Brass (.8)	Nightlight Lens	Lexan®
Mounting Strap	.05" Zinc-Plated Steel (1.3)		

PlugTail Connector Materials

Housing	Polycarbonate	Contacts	.030" Brass

Dimensions for 15 & 20 Amp



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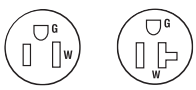


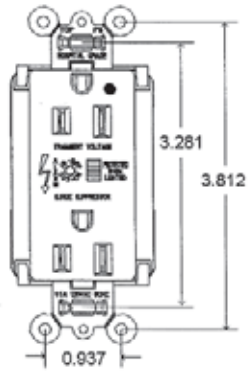
NEMA 5-15R **NEMA 5-20R**

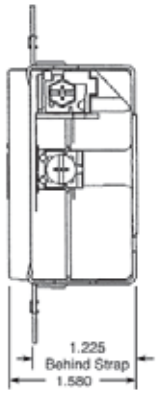
Project
Location/Type

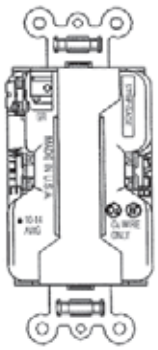
Pass & Seymour

legrand

Technical Specifications
Hospital Grade TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 15A, 125VAC







NEMA
5-15R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 8200ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config.No.	Catalog Number	Color	Rating	NEMA Config.No.
❒ 8200ISP	Ivory	15A 125VAC	5-15R	❒ 8200REDSP	Red	15A 125VAC	5-15R
❒ 8200WSP	White	15A 125VAC	5-15R	❒ 8200LASP	Lt. Almond	15A 125VAC	5-15R
❒ 8200SP	Brown	15A 125VAC	5-15R	❒ 8200BLSP	Blue	15A 125VAC	5-15R
❒ 8200GRYSP	Gray	15A 125VAC	5-15R				

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	280 Joules
Max Surge Capability	18kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)
Mechanical	
Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

Pass & Seymour
legrand

Technical Specifications

Hospital Grade Isolated Ground TVSS Duplex Receptacles

2 Pole, 3 Wire Grounding 15A, 125VAC

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand IG8200ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) & 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ IG8200ISP	Ivory	15A 125VAC	5-15R	❒ IG8200LASP	Lt. Almond	15A 125VAC	5-15R
❒ IG8200WSP	White	15A 125VAC	5-15R	❒ IG8200BLSP	Blue	15A 125VAC	5-15R
❒ IG8200GRYSP	Gray	15A 125VAC	5-15R	❒ IG8200OSP	Orange	15A 125VAC	5-15R

Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

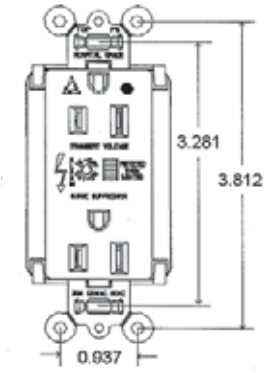
Features

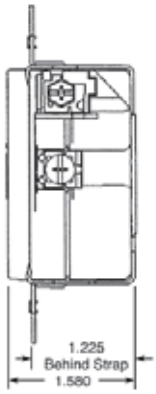
- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

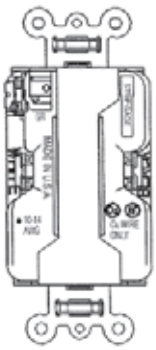
Warranty 1 year

Project

Location/Type







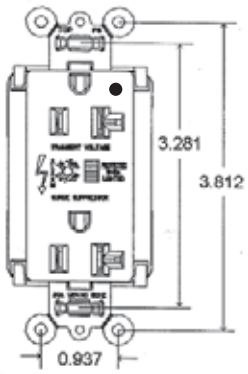
NEMA 5-15R

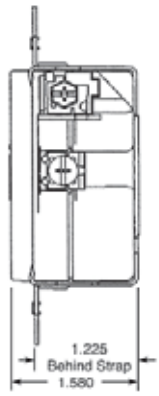
Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

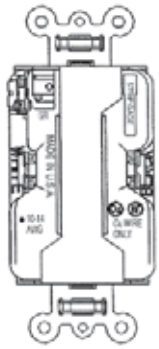
Pass & Seymour

legrand

Technical Specifications
Hospital Grade TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 20A, 125VAC







NEMA 5-20R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 8300ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 8300ISP	Ivory	20A 125VAC	5-20R	❒ 8300REDSP	Red	20A 125VAC	5-20R
❒ 8300WSP	White	20A 125VAC	5-20R	❒ 8300LASP	Lt. Almond	20A 125VAC	5-20R
❒ 8300SP	Brown	20A 125VAC	5-20R	❒ 8300BLSP	Blue	20A 125VAC	5-20R
❒ 8300GRYSP	Gray	20A 125VAC	5-20R				

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)
Mechanical	
Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability

Warranty 1 year

Project

Location/Type

Technical Specifications

Hospital Grade Isolated Ground TVSS Duplex Receptacles

2 Pole, 3 Wire Grounding 20A, 125VAC

Pass & Seymour

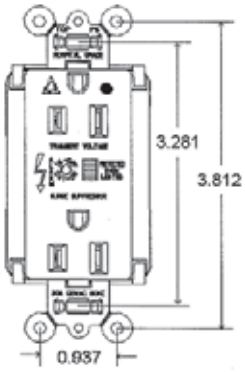
legrand

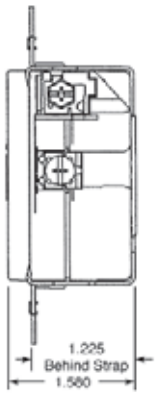
Typical Specifications

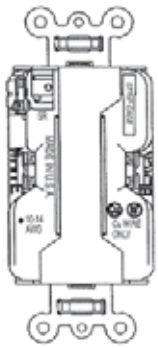
Manufacturer's Identification: Pass & Seymour/Legrand IG8300ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ IG8300ISP	Ivory	20A 125VAC	5-20R	❒ IG8300LASP	Lt. Almond	20A 125VAC	5-20R
❒ IG8300WSP	White	20A 125VAC	5-20R	❒ IG8300BLSP	Blue	20A 125VAC	5-20R
❒ IG8300GRYSP	Gray	20A 125VAC	5-20R	❒ IG8300OSP	Orange	20A 125VAC	5-20R







Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

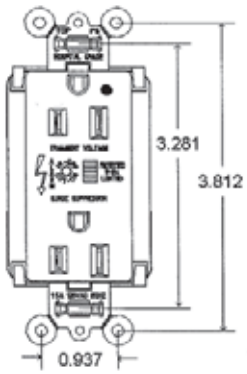
NEMA 5-20R

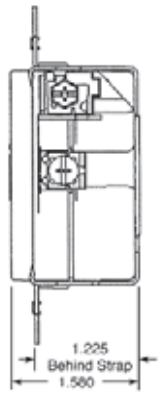
Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

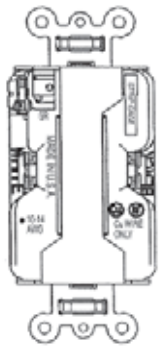
Pass & Seymour

legrand

Technical Specifications
Specification Grade
Extra Heavy-Duty TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 15A, 125VAC







NEMA 5-15R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 5262ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5262ISP	Ivory	15A 125VAC	5-15R	❒ 5262BKSP	Black	15A 125VAC	5-15R
❒ 5262WSP	White	15A 125VAC	5-15R	❒ 5262REDSP	Red	15A 125VAC	5-15R
❒ 5262SP	Brown	15A 125VAC	5-15R	❒ 5262LASP	Lt. Almond	15A 125VAC	5-15R
❒ 5262GRYSP	Gray	15A 125VAC	5-15R	❒ 5262BLSP	Blue	15A 125VAC	5-15R

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)
Mechanical	
Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

Pass & Seymour
legrand

Technical Specifications

Specification Grade Isolated Ground TVSS Duplex Receptacles

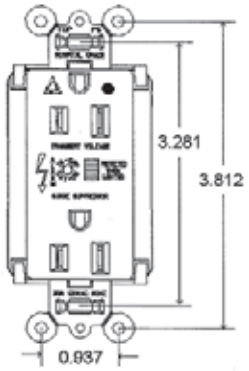
2 Pole, 3 Wire Grounding 15A, 125VAC

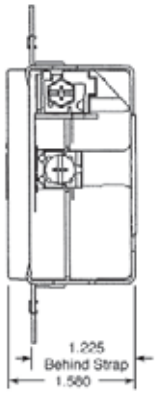
Typical Specifications

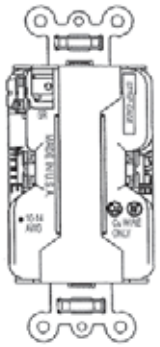
Manufacturer's Identification: Pass & Seymour/Legrand IG5262ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config.No.	Catalog Number	Color	Rating	NEMA Config.No.
❒ IG5262ISP	Ivory	15A 125VAC	5-15R	❒ IG5262BLSP	Blue	15A 125VAC	5-15R
❒ IG5262WSP	White	15A 125VAC	5-15R	❒ IG5262OSP	Orange	15A 125VAC	5-15R
❒ IG5262GRYSP	Gray	15A 125VAC	5-15R				







Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

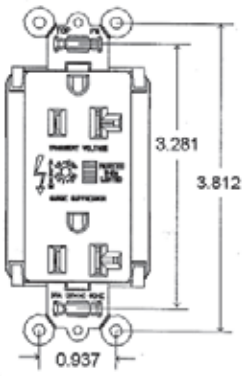
NEMA 5-15R

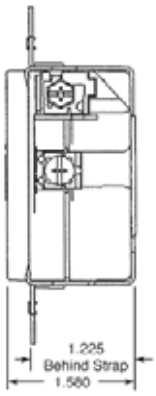
Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

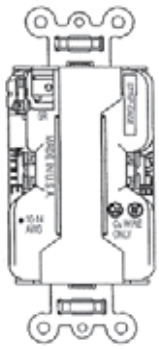
Pass & Seymour

legrand

Technical Specifications
Specification Grade TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 20A, 125VAC







NEMA 5-20R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 5362ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5362ISP	Ivory	20A 125VAC	5-20R	❒ 5362REDSP	Red	20A 125VAC	5-20R
❒ 5362WSP	White	20A 125VAC	5-20R	❒ 5362LASP	Lt. Almond	20A 125VAC	5-20R
❒ 5362SP	Brown	20A 125VAC	5-20R	❒ 5362BLSP	Blue	20A 125VAC	5-20R
❒ 5362GRYSP	Gray	20A 125VAC	5-20R				

Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

Specification Grade Isolated Ground TVSS Duplex Receptacles

2 Pole, 3 Wire Grounding 20A, 125VAC

Pass & Seymour

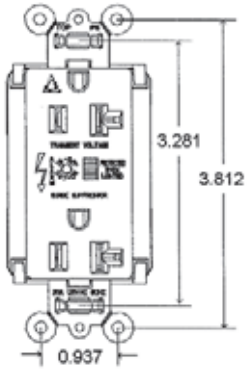
legrand

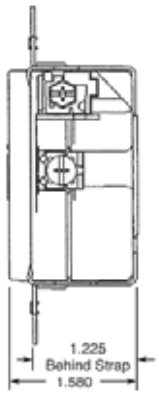
Typical Specifications

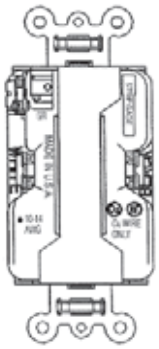
Manufacturer's Identification: Pass & Seymour/Legrand IG5362ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ IG5362ISP	Ivory	20A 125VAC	5-20R	❒ IG5362LASP	Lt. Almond	20A 125VAC	5-20R
❒ IG5362WSP	White	20A 125VAC	5-20R	❒ IG5362BLSP	Blue	20A 125VAC	5-20R
❒ IG5362GRYSP	Gray	20A 125VAC	5-20R	❒ IG5362OSP	Orange	20A 125VAC	5-20R
❒ IG5362SP	Brown	20A 125VAC	5-20R				







Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	210 Joules
Max Surge Capability	13kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass	Auto-Ground Clip	Stainless Steel
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- Alarm
- Alarm shut off/override
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

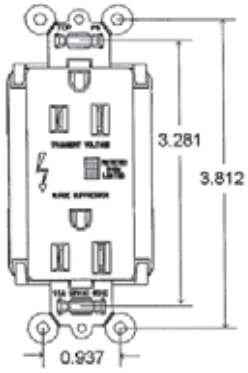
NEMA 5-20R

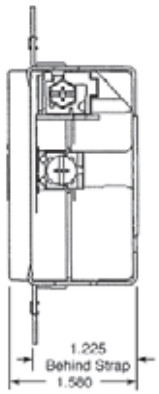
Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

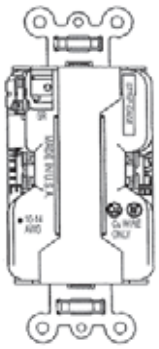
Pass & Seymour

legrand

Technical Specifications
Specification Grade TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 15A, 125VAC







NEMA 5-15R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 5252ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5252ISP	Ivory	15A 125VAC	5-15R	❒ 5252LASP	Light Almond	15A 125VAC	5-15R
❒ 5252WSP	White	15A 125VAC	5-15R	❒ 5252BLSP	Blue	15A 125VAC	5-15R
❒ 5252GRYSP	Gray	15A 125VAC	5-15R				

Performance

Electrical	
Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	140 Joules
Max Surge Capability	9kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)
Mechanical	
Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces
Environmental	
Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass		
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Auto-Ground Clip	Stainless Steel
		Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

- LED Indicator – Indicates loss of protection in all 3 modes
- 688 Brass 1-piece ground terminal assembly
- Back and side wire capability including ground terminal

Warranty 1 year

Project

Location/Type

Pass & Seymour
legrand

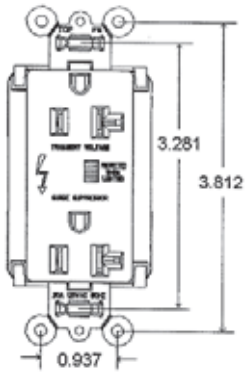
Technical Specifications
Specification Grade TVSS Duplex Receptacles
2 Pole, 3 Wire Grounding 20A, 125VAC

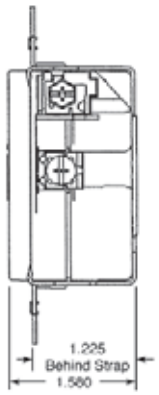
Typical Specifications

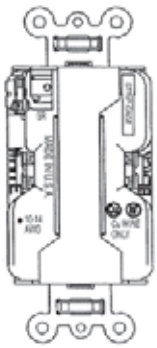
Manufacturer's Identification: Pass & Seymour/Legrand 5352ISP

3rd Party Compliance: UL Listed, File Number E140596, Standard UL498, Attachment Plugs and Receptacles UL1449 Transient Voltage Surge Suppressor. Federal Specification WC596. CSA Certified, File Number LR16063, Standard CSA-C22.2 No. 42, ANSI/EEE C62.41 (Formerly IEEE 587), ANSI/IEEE C62.45 Installation Categories "A" (Ring Wave) "B" (Unidirectional Impulse). Complies with NEC 410-56(c) and 250-74 exception 4. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Rating	NEMA Config. No.	Catalog Number	Color	Rating	NEMA Config. No.
❒ 5352ISP	Ivory	20A 125VAC	5-20R	❒ 5352LASP	Light Almond	20A 125VAC	5-20R
❒ 5352WSP	White	20A 125VAC	5-20R	❒ 5352BLSP	Blue	20A 125VAC	5-20R
❒ 5352GRYSP	Gray	20A 125VAC	5-20R				







Performance

Electrical

Frequency	60 Hz
Voltage	125VAC
MOV Rating	150V 18mm Dual Pack
Suppressed Voltage	500V
Energy Rating	130 Joules
Max Surge Capability	9kA
Protection Modes	Normal and Common Modes
Normal Mode	(L-N) 500V Clamping
Common Mode	(L-G) 500V Clamping
	(N-G) 500V Clamping
Noise Attenuation	Normal Mode (L-N)
	Capacitance Value = 0.0056 μF
	7:1 Average Noise Reduction
Thermal Protection	Three Thermal Fuses (128°C or 262°F)
Overcurrent Protection	Two Fuses Protects 3 Modes
Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-40°C to 85°C (-40 to 185°F)

Mechanical

Terminal Identification	Brass = Hot, Nickel = Neutral, Green = Ground
Terminal Accommodation	#14 – 10 AWG copper conductor only
Product Identification	Ratings are a permanent part of device
Weight	4.8 ounces

Environmental

Flammability	UL94 V2

Materials

Face	Nylon	Terminal Screws	Tri-Drive Brass #8 - 32
Body	Nylon	Hex Head Grounding Screw	Tri-Drive Steel (Green)
Line Terminal	0.036" CDA 260 Brass		
Grounding Terminal (Uni-Ground Assembly)	Olin #688	Auto-Ground Clip	Stainless Steel
		Mounting Screws	Tri-Drive Zinc-Plated Steel
Mounting Strap	.042" Zinc-Plated Steel	LED	Red
Clamping Plate	0.031" CDA 260 Brass	Encapsulation	Blue Epoxy

Features

LED Indicator – Indicates loss of protection in all 3 modes

688 Brass 1-piece ground terminal assembly

Back and side wire capability including ground terminal

Warranty 1 year

NEMA 5-20R

Conforms to the latest revision ANSI/IEEE C62.41 (formerly IEEE587), ANSI/IEEE C62.45.

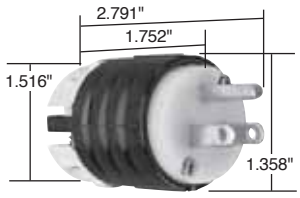
Project

Location/Type

Pass & Seymour

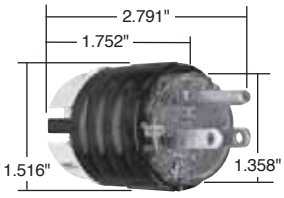
legrand

Technical Specifications
Straight Blade Plugs
2 Pole, 3 Wire Grounding 15 & 20A, 125, 250 & 277V

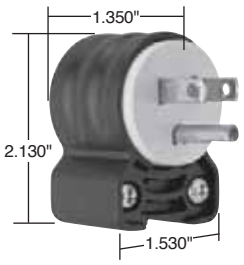


PS5266X

PS5266HGAN



PS5266XHG



PS5266SSAN

NEMA Config.	AC HP Rating
Straight Blade Horsepower Rating for NEMA Configuration	
5-15	½
6-15	1½*
7-15	2
5-20	1
6-20	2*
7-20	2
10-20	2 Line to Line* 1 Line to Neutral

*Suitable for 208V motor applications at the HP rating specified.

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5266X
Description: Straight Blade Plug, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15P
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒ PS5266XHG	15 125	5-15P	❒ PS5266XBK	15 125	5-15P
❒ PS5266HGAN	15 125	5-15P	❒ CR5266X	15 125	5-15P
❒ PS5366XHG	20 125	5-20P	❒ PS5366X	20 125	5-20P
❒ PS5366HGAN	20 125	5-20P	❒ PS5366SSAN	20 125	5-20P
❒ PS5666XHG	15 250	6-15P	❒ PS5666X	15 250	6-15P
❒ PS5666HGAN	15 250	6-15P	❒ PS5666SSAN	15 250	6-15P
❒ PS5466XHG	20 250	6-20P	❒ PS5466X	20 250	6-20P
❒ PS5466HGAN	20 250	6-20P	❒ PS5466SSAN	20 250	6-20P
❒ PS5266X	15 125	5-15P	❒ PS5766X	15 277	7-15P
❒ PS5266SSAN	15 125	5-15P	❒ PS5866X	20 277	7-20P
❒ PS5266XGRY	15 125	5-15P			

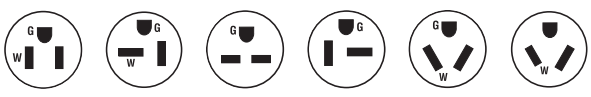
Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	277V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter, Angle Plugs – .320"–.655"
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Nylon	Terminal Clamp	* Zinc-Plated Steel
Front Body	Nylon	Terminal Screws	Nickel- or Brass-Plated Steel
Terminal Chamber	Polycarbonate	Ground Screws	Nickel-Plated Steel
Cord Clamp	Nylon	Cord Clamp Screws	Nickel-Plated Steel #8
Insert	Nylon	Assembly Screws	Nickel-Plated Steel
Blades	* Brass		

*Nickel-Plated for Corrosion-Resistant Product.



NEMA 5-15P **NEMA 5-20P** **NEMA 6-15P** **NEMA 6-20P** **NEMA 7-15P** **NEMA 7-20P**

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

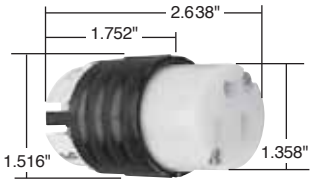
Project
Location/Type

Technical Specifications
Straight Blade Connectors
2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

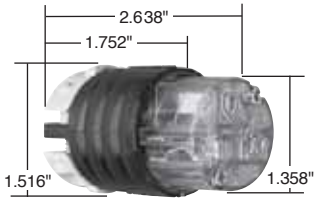
Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5269X
Description: Straight Blade Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A. 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.



PS5269X



PS5269XHG

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒PS5269XHG	15 125	5-15R	❒PS5269XBK	15 125	5-15R
❒PS5369XHG	20 125	5-20R	❒CR5269X	15 125	5-15R
❒PS5669XHG	15 250	6-15R	❒PS5369X	20 125	5-20R
❒PS5469XHG	20 250	6-20R	❒PS5669X	15 250	6-15R
❒PS5269X	15 125	5-15R	❒PS5469X	20 250	6-20R
❒PS5269XGRY	15 125	5-15R			

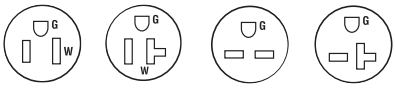
Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Nylon	Terminal Clamp	* Zinc-Plated Steel
Front Body	Nylon	Terminal Screws	Nickel- or Brass-Plated Steel
Terminal Chamber	Polycarbonate		
Cord Clamp	Nylon	Ground Screws	Nickel-Plated Steel
Insert	Nylon	Cord Clamp Screws	Nickel-Plated Steel #8
Contacts	* Brass	Assembly Screws	Nickel-Plated Steel

* Nickel-Plated for Corrosion-Resistant Product.



NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

NEMA Config.	AC HP Rating
Straight Blade Horsepower Rating for NEMA Configuration	
5-15	½
6-15	1½*
7-15	2
5-20	1
6-20	2*
7-20	2
10-20	2 Line to Line* 1 Line to Neutral

*Suitable for 208V motor applications at the HP rating specified.

Project
Location/Type

Pass & Seymour

legrand

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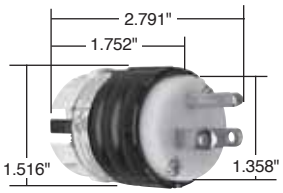
Technical Specifications
Straight Blade Ground Continuity Monitoring (GCM) Plugs

2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V



PS5266XGCM

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5266XGCM
Description: Straight Blade Plug, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15P
3rd Party Compliance: cULus Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒PS5266XGCM	15 125	5-15P	❒PS5666XGCM	15 250	6-15P
❒PS5266XGCMAN	15 125	5-15P	❒PS5666XGCMAN	15 250	6-15P
❒PS5366XGCM	20 125	5-20P	❒PS5466XGCM	20 250	6-20P
❒PS5366XGCMAN	20 125	5-20P	❒PS5466XGCMAN	20 250	6-20P

Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter, Angle Plugs – .320"–.655"
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Nylon	Terminal Clamp	Zinc-Plated Steel
Front Body	Nylon	Terminal Screws	Nickel- or Brass-Plated Steel
Terminal Chamber	Polycarbonate	Ground Screws	Nickel-Plated Steel
Cord Clamp	Nylon	Cord Clamp Screws	Nickel-Plated Steel #8
Insert	Nylon	Assembly Screws	Nickel-Plated Steel
Blades	Brass		

NEMA Config.	AC HP Rating
Straight Blade Horsepower Rating for NEMA Configuration	
5-15	½
6-15	1½*
7-15	2
5-20	1
6-20	2*
7-20	2
10-20	2 Line to Line* 1 Line to Neutral

*Suitable for 208V motor applications at the HP rating specified.

NEMA 5-15P | NEMA 5-20P | NEMA 6-15P | NEMA 6-20P

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

Project
Location/Type

Technical Specifications

Straight Blade Ground Continuity Monitoring (GCM) Connectors

2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

Pass & Seymour

legrand

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Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5269XGCM
Description: Straight Blade Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A. 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

PS5269XGCM

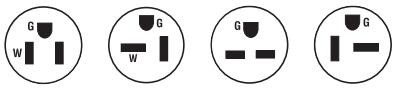
Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒PS5269XGCM	15 125	5-15R	❒PS5669XGCM	15 250	6-15R
❒PS5369XGCM	20 125	5-20-R	❒PS5469XGCM	20 250	6-20R

Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Nylon	Terminal Clamp	Zinc-Plated Steel
Front Body	Nylon	Terminal Screws	Nickel- or Brass-Plated Steel
Terminal Chamber	Polycarbonate		
Cord Clamp	Nylon	Ground Screws	Nickel-Plated Steel
Insert	Nylon	Cord Clamp Screws	Nickel-Plated Steel #8
Contacts	Brass	Assembly Screws	Nickel-Plated Steel



NEMA 5-15P | NEMA 5-20P | NEMA 6-15P | NEMA 6-20P

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

NEMA Config.	AC HP Rating
Straight Blade Horsepower Rating for NEMA Configuration	
5-15	½
6-15	1½*
7-15	2
5-20	1
6-20	2*
7-20	2
10-20	2 Line to Line* 1 Line to Neutral

*Suitable for 208V motor applications at the HP rating specified.

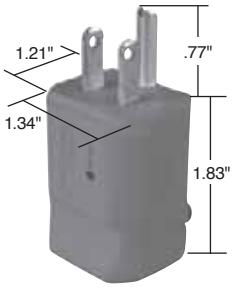
Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
MaxGrip® M³ Plugs
2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

PS5965Y



PS8115

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5965Y
Description: Plug Straight Blade, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15P
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒PS8115	15A 125V	5-15P	❒PS5364Y	20A 125V	5-20P
❒PS5965Y	15A 125V	5-15P	❒PS5364GRY	20A 125V	5-20P
❒PS5965GRY	15A 125V	5-15P	❒PS5666Y	15A 250V	6-15P
❒PS5965IG	15A 125V	5-15P	❒PS5464Y	20A 250V	6-20P
❒PS5965O	15A 125V	5-15P			

Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C, maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter cord
Terminal Identification	Green = Ground, Silver = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #12 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 HB
Operating Temperatures	Maximum continuous +75°C, minimum -40°C without impact

Materials

Body/Housing	Nylon	Ground Screw	Zinc-Plated Steel
Cord Grip Insert	Nylon	Blades	Brass
Terminal Clamp	Brass	Cord Clamp Assembly Screws	Zinc-Plated Steel
Terminal Screws	Zinc- and Brass-Plated Steel		

NEMA 5-15P **NEMA 5-20P** **NEMA 6-15P** **NEMA 6-20P**

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

Project
Location/Type

Technical Specifications
MaxGrip® M³ Connectors
2 Pole, 3 Wire Grounding 15 & 20A, 125 & 250V

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS5969Y
Description: Connector Straight Blade, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

PS5969Y

PS8119

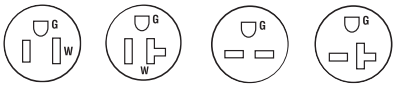
Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒ PS8119	15A 125V	5-15R	❒ PS5369Y	20A 125V	5-20R
❒ PS5969Y	15A 125V	5-15R	❒ PS5369GRY	20A 125V	5-20R
❒ PS5969GRY	15A 125V	5-15R	❒ PS5669Y	15A 250V	6-15R
❒ PS5969O	15A 125V	5-15R	❒ PS5469Y	20A 250V	6-20R

Performance

Electrical	
Dielectric Withstand Voltage	1500V minimum
Maximum Working Voltage	250V
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C, maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodation	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodation	.230"–.720" diameter cord
Terminal Identification	Green = Ground, Silver = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #12 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 HB
Operating Temperatures	Maximum continuous +75°C, minimum -40°C without impact

Materials

Body/Housing	Nylon	Ground Screw	Zinc-Plated Steel
Cord Grip Insert	Nylon	Contacts	Brass
Terminal Clamp	Brass	Cord Clamp Assembly Screws	Zinc-Plated Steel
Terminal Screws	Zinc- and Brass-Plated Steel		



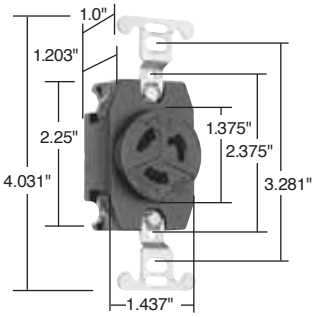
NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

Consult Straight Blade Plugs & Connectors Section H for complete compliance listing.

Project
Location/Type

Pass & Seymour
legrand

Technical Specifications
15A Turnlok® Receptacles



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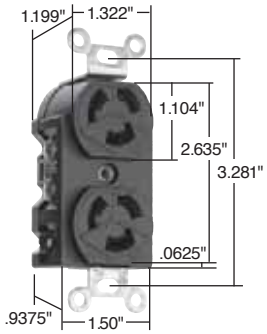

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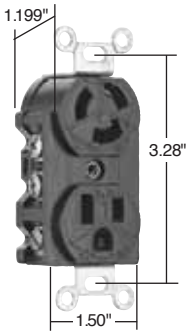

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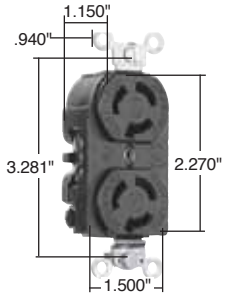

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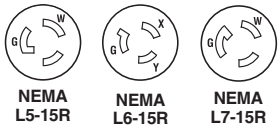


NEMA L5-15R **NEMA L6-15R** **NEMA L7-15R**

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 4700
Description: Locking Receptacle, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA L5-15R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
15	❒ 4710	L5-15R	15	❒ 4550	L6-15R
15	❒ 4700	L5-15R	15	❒ 4760	L7-15R
15	❒ 4792	L5-15R	15	❒ 4750	L7-15R
15	❒ 4560	L5-15R			

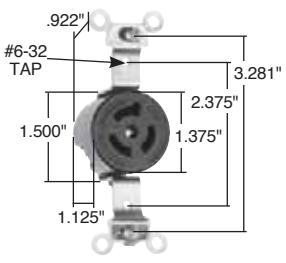
Performance

Electrical	
Dielectric Withstand Voltage	2000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, NEMA Configuration molded into face
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Front Body	Nylon
Back Body	Nylon
Mounting Strap	Steel
Contacts	Brass
Terminal Clamps	Brass
Terminal Screws	Brass
Mounting Screws	Zinc-Plated Steel

Consult Turnlok® Section I for complete compliance listing.



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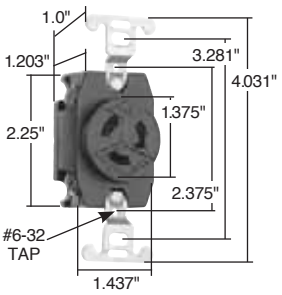

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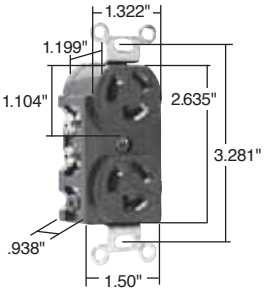


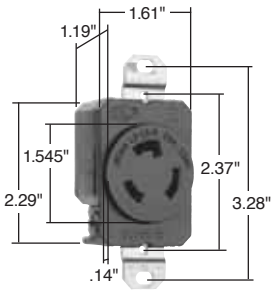
4750

Project
Location/Type

Pass & Seymour
legrand

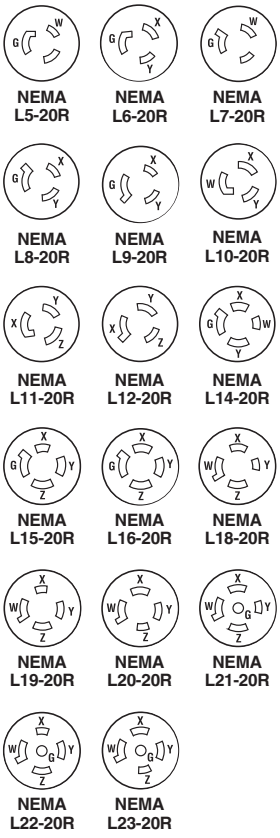
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L520R
Description: Locking Receptacle, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.



20A Receptacle

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ L520R	L5-20R	20	❒ L1420R	L14-20R
20	❒ CRL520R	L5-20R	20	❒ L1520R	L15-20R
20	❒ L620R	L6-20R	20	❒ L1620R	L16-20R
20	❒ L720R	L7-20R	20	❒ L1820R	L18-20R
20	❒ L820R	L8-20R	20	❒ L1920R	L19-20R
20	❒ L920R	L9-20R	20	❒ L2020R	L20-20R
20	❒ L1020R	L10-20R	20	❒ L2120R	L21-20R
20	❒ L1120R	L11-20R	20	❒ L2220R	L22-20R
20	❒ L1220R	L12-20R	20	❒ L2320R	L23-20R



Performance

Electrical	
Dielectric Withstand Voltage	2000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Accommodation	#14 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, NEMA Configuration molded into face
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

	Standard	Corrosion-Resistant
Front Body	Nylon	Nylon
Back Body	Nylon	Nylon
Mounting Strap	Brass	Nickel-Plated Brass
Pressure Plate	Brass	Nickel-Plated Brass
Contacts	Brass	Nickel-Plated Brass
Terminal Clamps	Brass	Nickel-Plated Brass
Terminal Screws	Brass	Brass
Mounting Screws	Zinc-Plated Steel	Stainless Steel

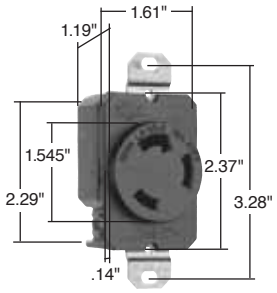
Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

Pass & Seymour

legrand

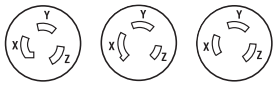
Technical Specifications
30A Turnlok® Receptacles



30A Receptacle

NEMA L5-30R | NEMA L6-30R | NEMA L7-30R

NEMA L8-30R | NEMA L9-30R | NEMA L10-30R



NEMA L11-30R | NEMA L12-30R | NEMA L13-30R

NEMA L14-30R | NEMA L15-30R | NEMA L16-30R

NEMA L17-30R | NEMA L18-30R | NEMA L19-30R

NEMA L20-30R | NEMA L21-30R | NEMA L22-30R

NEMA L23-30R

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L530R
Description: Locking Receptacle, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 30A, 125V
Configuration: NEMA L5-30R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
30	❒ L530R	L5-30R	30	❒ L1430R	L14-30R
30	❒ CRL530R	L5-30R	30	❒ L1530R	L15-30R
30	❒ L630R	L6-30R	30	❒ L1630R	L16-30R
30	❒ L730R	L7-30R	30	❒ L1730R	L17-30R
30	❒ L830R	L8-30R	30	❒ L1830R	L18-30R
30	❒ L930R	L9-30R	30	❒ L1930R	L19-30R
30	❒ L1030R	L10-30R	30	❒ L2030R	L20-30R
30	❒ L1130R	L11-30R	30	❒ L2130R	L21-30R
30	❒ L1230R	L12-30R	30	❒ L2230R	L22-30R
30	❒ L1330R	L13-30R	30	❒ L2330R	L23-30R

Performance

Electrical	
Dielectric Withstand Voltage	2000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Accommodation	#14 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, NEMA Configuration molded into face
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

	Standard	Corrosion-Resistant
Front Body	Nylon	Nylon
Back Body	Nylon	Nylon
Mounting Strap	Brass	Nickel-Plated Brass
Pressure Plate	Brass	Nickel-Plated Brass
Contacts	Brass	Nickel-Plated Brass
Terminal Clamps	Brass	Nickel-Plated Brass
Terminal Screws	Brass	Brass
Mounting Screws	Zinc-Plated Steel	Stainless Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PSL515C
Description: Locking Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA L5-15R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
15	❒ PSL515C	L5-15R	15	❒ PSL615C	L6-15R
15	❒ PSL515P	L5-15P	15	❒ PSL615P	L6-15P
15	❒ CRL515C	L5-15R	15	❒ PSL715C	L7-15R
15	❒ CRL515P	L5-15P	15	❒ PSL715P	L7-15P

Performance

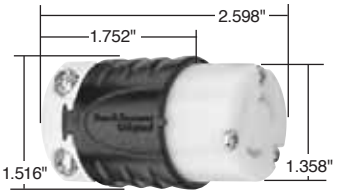
Electrical	
Dielectric Withstand Voltage	1600V minimum
Max. Working Voltage	277VAC
Current Interrupting	Certified for current interrupting at full-rated current.
Temperature Rise	30°C max. after 50 cycles at 150% rated current.
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62.
Cord Grip Accommodations	.230"-.720" diameter
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

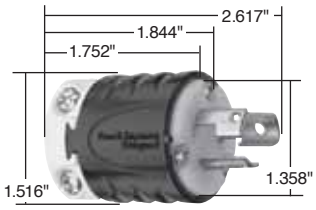
Plugs	**Standard**	**Corrosion-Resistant**
Back Body	Nylon	Nylon
Front Body	Nylon	Nylon
Terminal Chamber Separator	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Blades	Brass	Nickel-Plated Brass
Terminal Clamp	Zinc-Plated Steel	Nickel-Plated Steel
Terminal Screws	Nickel- or Brass-Plated Steel	Nickel-Plated Steel
Ground Screws	Nickel-Plated Steel	Nickel-Plated Steel
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel
Connectors	**Standard**	**Corrosion-Resistant**
Back Body	Nylon	Nylon
Front Body	Nylon	Nylon
Terminal Chamber Separator	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Contacts	Brass	Nickel-Plated Brass
Terminal Clamp	Zinc-Plated Steel	Nickel-Plated Steel
Terminal Screws	Nickel- or Brass-Plated Steel	Nickel-Plated Steel
Ground Screws	Nickel-Plated Steel	Nickel-Plated Steel
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

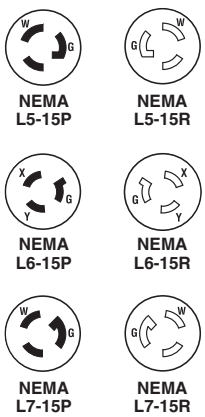
Project
Location/Type



15A Connector



15A Plug



Pass & Seymour

legrand

Technical Specifications
20A Turnlok® Plugs

20A Plug

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L520P
Description: Locking Plug, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20P
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ L520P	L5-20P	20	❒ L1520P	L15-20P
20	❒ L520PBK	L5-20P	20	❒ L1520PBK	L15-20P
20	❒ CRL520P	L5-20P	20	❒ L1620P	L16-20P
20	❒ L620P	L6-20P	20	❒ L1820P	L18-20P
20	❒ CRL620P	L6-20P	20	❒ L1920P	L19-20P
20	❒ L720P	L7-20P	20	❒ L2020P	L20-20P
20	❒ L820P	L8-20P	20	❒ L2120P	L21-20P
20	❒ L920P	L9-20P	20	❒ L2220P	L22-20P
20	❒ L1020P	L10-20P	20	❒ L2220PBK	L22-20P
20	❒ L1120P	L11-20P	20	❒ L2320P	L23-20P
20	❒ L1220P	L12-20P	20	❒ L3720P	L24-20P
20	❒ L1420P	L14-20P	20	❒ 7311SS	Non-NEMA
20	❒ CRL1420P	L14-20P	20	❒ 7411SS	Non-NEMA

Performance

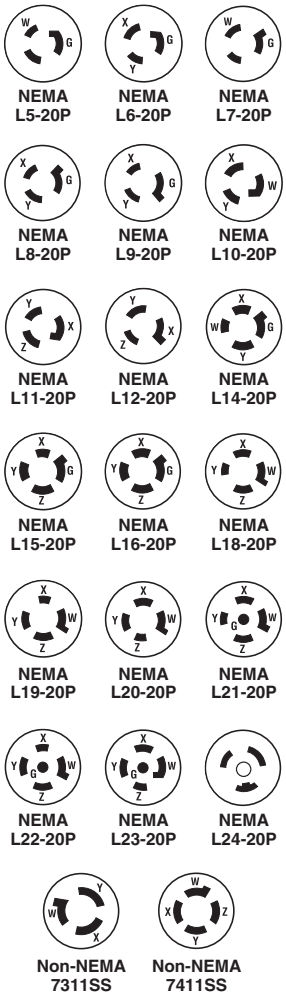
Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	3 Wire = .325"–.750" diameter; 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	"GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	#18 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

	Standard	Corrosion-Resistant
Back Body	Super Tough Nylon	Super Tough Nylon
Front Body	Nylon	Nylon
Terminal Chamber	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Dust Cover	Neoprene	Neoprene
Blades	Brass	Nickel-Plated Brass
Terminal Clamp	Nickel-Plated Steel	Nickel-Plated Steel
Terminal Screws	Brass	Nickel-Plated Brass
Ground Screws	Brass	Nickel-Plated Brass
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type



Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L520C
Description: Locking Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ L520C	L5-20R	20	❒ L1520C	L15-20R
20	❒ L520CBK	L5-20R	20	❒ L1520CBK	L15-20R
20	❒ CRL520C	L5-20R	20	❒ L1620C	L16-20R
20	❒ L620C	L6-20R	20	❒ L1820C	L18-20R
20	❒ CRL620C	L6-20R	20	❒ L1920C	L19-20R
20	❒ L720C	L7-20R	20	❒ L2020C	L20-20R
20	❒ L820C	L8-20R	20	❒ L2120C	L21-20R
20	❒ L920C	L9-20R	20	❒ L2220C	L22-20R
20	❒ L1020C	L10-20R	20	❒ L2220CBK	L22-20R
20	❒ L1120C	L11-20R	20	❒ L2320C	L23-20R
20	❒ L1220C	L12-20R	20	❒ L3720C	L24-20R
20	❒ L1420C	L14-20R	20	❒ 7313SS	Non-NEMA
20	❒ CRL1420C	L14-20R			

Performance

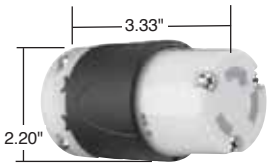
Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	3 Wire = .325"–.750" diameter; 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	"GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	#18 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

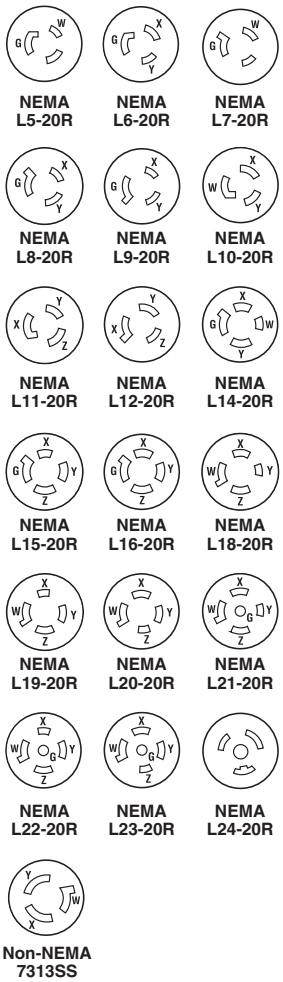
	Standard	Corrosion-Resistant
Back Body	Super Tough Nylon	Super Tough Nylon
Front Body	Nylon	Nylon
Terminal Chamber	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Dust Cover	Neoprene	Neoprene
Contacts	Brass	Nickel-Plated Brass
Terminal Clamp	Nickel-Plated Steel	Nickel-Plated Steel
Terminal Screws	Brass	Nickel-Plated Brass
Ground Screws	Brass	Nickel-Plated Brass
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

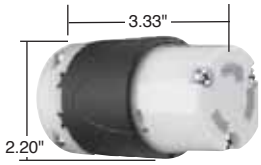


20A Connector



Pass & Seymour
legrand

Technical Specifications
20 & 30A Corrosion-Resistant Turnlok® Connectors



20 & 30A Connector

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand CRL520C
Description: Corrosion-Resistant Locking Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ CRL520C	L5-20R	30	❒ CRL530C	L5-30R
20	❒ CRL620C	L6-20R	30	❒ CRL630C	L6-30R
20	❒ CRL1420C	L14-20R	30	❒ CRL1430C	L14-30R

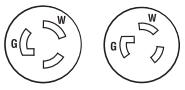
Performance

Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device ratings as defined in UL62
Cord Grip Accommodations	3 Wire = .325"–.750" diameter; 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	"GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	#18 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

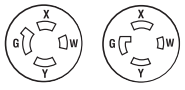
Back Body	Super Tough Nylon
Front Body	Nylon
Terminal Chamber	Polycarbonate
Cord Clamp	Nylon
Insert	Nylon
Dust Cover	Neoprene
Contacts	20A = Nickel-Plated Brass 30A = Tin-Plated Brass
Terminal Clamp	20A = Nickel-Plated Steel 30A = Nickel-Plated Brass
Terminal Screws	Nickel-Plated Brass
Ground Screws	Nickel-Plated Brass
Cord Clamp Screws	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.



NEMA L5-20R **NEMA L5-30R**

NEMA L6-20R **NEMA L6-30R**



NEMA L14-20R **NEMA L14-30R**

Project
Location/Type

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L530P
Description: Locking Plug, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 30A, 125V
Configuration: NEMA L5-30P
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
30	❒ L530P	L5-30P	30	❒ L1530P	L15-30P
30	❒ L530PBK	L5-30P	30	❒ L1530PBK	L15-30P
30	❒ CRL530P	L5-30P	30	❒ L1630P	L16-30P
30	❒ L630P	L6-30P	30	❒ L1730P	L17-30P
30	❒ CRL630P	L6-30P	30	❒ L1830P	L18-30P
30	❒ L730P	L7-30P	30	❒ L1930P	L19-30P
30	❒ L830P	L8-30P	30	❒ L2030P	L20-30P
30	❒ L930P	L9-30P	30	❒ L2130P	L21-30P
30	❒ L1030P	L10-30P	30	❒ L2230P	L22-30P
30	❒ L1130P	L11-30P	30	❒ L2230PBK	L22-30P
30	❒ L1230P	L12-30P	30	❒ L2330P	L23-30P
30	❒ L1330P	L13-30P	30	❒ 3331SS	Non-NEMA
30	❒ L1430P	L14-30P	30	❒ 3431SS	Non-NEMA
30	❒ CRL1430P	L14-30P			

Performance

Electrical

Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current

Mechanical

Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	3 Wire = .325"–.750" diameter; 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	"GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	#18 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device

Environmental

Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

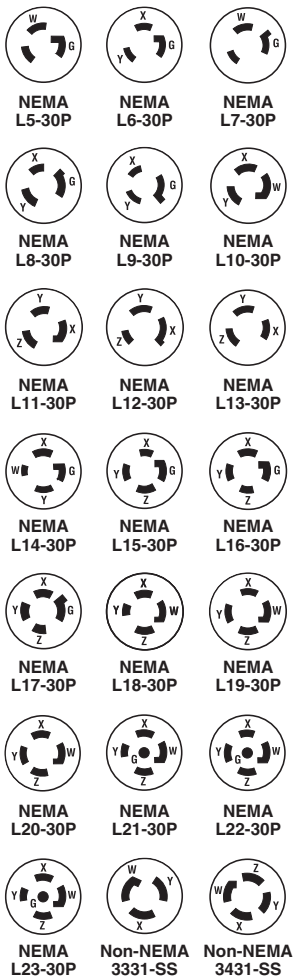
Materials

	Standard	Corrosion-Resistant
Back Body	Super Tough Nylon	Super Tough Nylon
Front Body	Nylon	Nylon
Terminal Chamber	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Dust Cover	Neoprene	Neoprene
Blades	Brass	Tin-Plated Brass
Terminal Clamp	Brass	Nickel-Plated Brass
Terminal Screws	Brass	Nickel-Plated Brass
Ground Screws	Brass	Nickel-Plated Brass
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

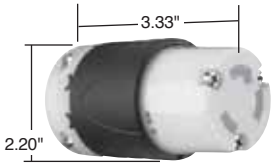
30A Plug



Pass & Seymour

legrand

Technical Specifications
30A Turnlok® Connectors



30A Connector

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L530C
Description: Locking Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 30A, 125V
Configuration: NEMA L5-30R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
30	❒ L530C	L5-30R	30	❒ L1530C	L15-30R
30	❒ L530CBK	L5-30R	30	❒ L1530CBK	L15-30R
30	❒ CRL530C	L5-30R	30	❒ L1630C	L16-30R
30	❒ L630C	L6-30R	30	❒ L1730C	L17-30R
30	❒ CRL630C	L6-30R	30	❒ L1830C	L18-30R
30	❒ L730C	L7-30R	30	❒ L1930C	L19-30R
30	❒ L830C	L8-30R	30	❒ L2030C	L20-30R
30	❒ L930C	L9-30R	30	❒ L2130C	L21-30R
30	❒ L1030C	L10-30R	30	❒ L2230C	L22-30R
30	❒ L1130C	L11-30R	30	❒ L2230CBK	L22-30R
30	❒ L1230C	L12-30R	30	❒ L2330C	L23-30R
30	❒ L1330C	L13-30R	30	❒ 3333SS	Non-NEMA
30	❒ L1430C	L14-30R	30	❒ 3433SS	Non-NEMA
30	❒ CRL1430C	L14-30R			

Performance

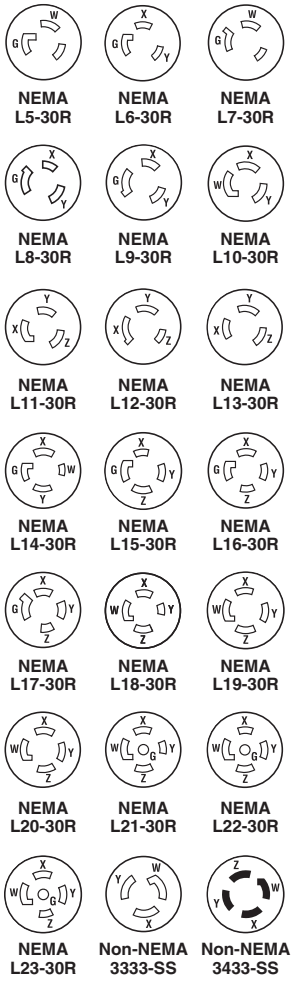
Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	3 Wire = .325"–.750" diameter; 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	"GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	#18 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

	Standard	Corrosion-Resistant
Back Body	Super Tough Nylon	Super Tough Nylon
Front Body	Nylon	Nylon
Terminal Chamber	Polycarbonate	Polycarbonate
Cord Clamp	Nylon	Nylon
Insert	Nylon	Nylon
Dust Cover	Neoprene	Neoprene
Contacts	Brass	Tin-Plated Brass
Terminal Clamp	Brass	Nickel-Plated Brass
Terminal Screws	Brass	Nickel-Plated Brass
Ground Screws	Brass	Nickel-Plated Brass
Cord Clamp Screws	Nickel-Plated Steel	Nickel-Plated Steel
Assembly Screws	Nickel-Plated Steel	Nickel-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type



Technical Specifications

Turnlok® Heavy-Duty Ground Continuity Monitoring (GCM) Plugs

15, 20 & 30A; 125, 250, 277 & 347V, 125/250V

Pass & Seymour

legrand

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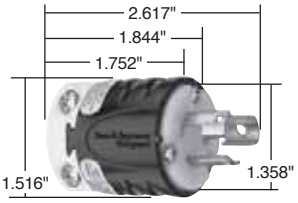
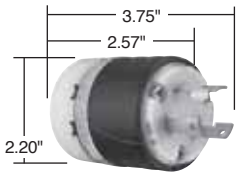
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PSL515PGCM
Description: Ground Continuity Monitoring (GCM) Locking Plug, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15P
3rd Party Compliance: cULus Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒ PSL515PGCM	15 125	L5-15P	❒ PSL715PGCM	15 277*	L7-15P
❒ PSL515PGCMAN	15 125	L5-15P	❒ PSL715PGCMAN	15 277*	L7-15P
❒ L520PGCM	20 125	L5-20P	❒ L720PGCM	20 277*	L7-20P
❒ L530PGCM	30 125	L5-30P	❒ L730PGCM	30 277*	L7-30P
❒ PSL615PGCM	15 250	L6-15P	❒ L3720PGCM	20 347	L24-20P
❒ PSL615PGCMAN	15 250	L6-15P	❒ L1420PGCM	20 125/250	L14-20P
❒ L620PGCM	20 250	L6-20P	❒ L1430PGCM	30 125/250	L14-30P
❒ L630PGCM	30 250	L6-30P	*AC only.		



15A Plug



20 & 30A Plug

Performance

Electrical

Dielectric Withstand Voltage	15A = 1600V minimum, 20 & 30A = 2200V minimum
Maximum Working Voltage	15A = 277VAC, 20 & 30A = 600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current

Mechanical

Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	15A = .230"–.720" diameter, 20 & 30A 3 Wire = .325"–.750" diameter, 20 & 30A 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	15A = Green = Ground, White = Neutral, Brass = Hot 20 & 30A = "GR" and Green Color = Ground, "WH" and white Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	15A = #18 AWG min. - #10 AWG max. 20A = #18 AWG min. - #8 AWG max. 30A = #18 AWG min. - #6 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device

Environmental

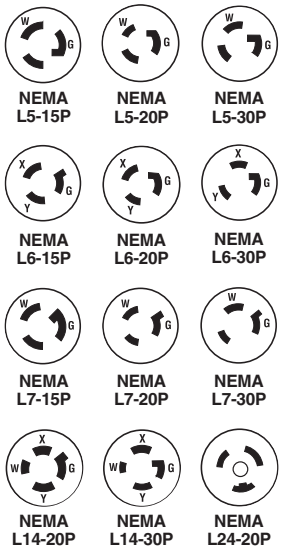
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Super Tough Nylon	Terminal Clamp	15A = Zinc-Plated Steel 20A = Nickel-Plated Steel 30A = Brass
Front Body	Nylon		
Terminal Chamber	Polycarbonate	Terminal Screws	15A = Nickel- or Brass-Plated Steel 20 & 30A = Brass
Cord Clamp	Nylon		
Insert	Nylon	Ground Screws	15A = Nickel-Plated Steel 20 & 30A = Brass
Dust Shield**	Neoprene		
Blades	Brass	Cord Clamp Screws	Nickel-Plated Steel
		Assembly Screws	Nickel-Plated Steel

**Dust Shield for 20 & 30 Amp Plugs.
Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type



Pass & Seymour

legrand

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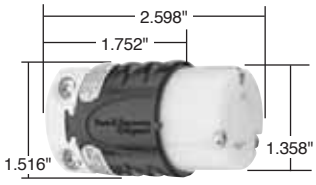
Technical Specifications
Turnlok® Heavy-Duty Ground Continuity Monitoring (GCM) Connectors

15, 20 & 30A; 125, 250, 277 & 347V, 125/250V

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PSL515CGCM
Description: Ground Continuity Monitoring (GCM) Locking Connector, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA 5-15R
3rd Party Compliance: cULus Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.



15A Connector

20 & 30A Connector

Catalog Number	Rating	NEMA Config. No.	Catalog Number	Rating	NEMA Config. No.
❒PSL515CGCM	15 125	L5-15R	❒PSL715CGCM	15 277*	L7-15R
❒L520CGCM	20 125	L5-20R	❒L720CGCM	20 277*	L7-20R
❒L530CGCM	30 125	L5-30R	❒L730CGCM	30 277*	L7-30R
❒PSL615CGCM	15 250	L6-15R	❒L3720CGCM	20 347	L24-20R
❒L620CGCM	20 250	L6-20R	❒L1420CGCM	20 125/250	L14-20R
❒L630CGCM	30 250	L6-30R	❒L1430CGCM	30 125/250	L14-30R

*AC only.

Performance

Electrical	
Dielectric Withstand Voltage	15A = 1600V minimum, 20 & 30A = 2200V minimum
Maximum Working Voltage	15A = 277VAC, 20 & 30A = 600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C maximum after 50 cycles at 150% rated current
Mechanical	
Cord Accommodations	Round portable service cords of diameters in accordance with the device rating as defined in UL62
Cord Grip Accommodations	15A = .230"–.720" diameter, 20 & 30A 3 Wire = .325"–.750" diameter 20 & 30A 4 & 5 Wire = .325"–1.15" diameter
Terminal Identification	15A = Green = Ground, White = Neutral, Brass = Hot 20 & 30A = "GR" and Green Color = Ground, "WH" and white Color = Neutral, "X", "Y", "Z" = Hot
Terminal Accommodation	15A = #18 AWG min. - #10 AWG max. 20A = #18 AWG min. - #8 AWG max. 30A = #18 AWG min. - #6 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configurationhot stamped onto device
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Back Body	Super Tough Nylon	Terminal Clamp	15A = Zinc-Plated Steel 20A = Nickel-Plated Steel 30A = Brass
Front Body	Nylon	Terminal Screws	15A = Nickel- or Brass-Plated Steel 20 & 30A = Brass
Terminal Chamber	Polycarbonate	Ground Screws	15A = Nickel-Plated Steel 20 & 30A = Brass
Cord Clamp	Nylon	Cord Clamp Screws	Nickel-Plated Steel
Insert	Nylon	Assembly Screws	Nickel-Plated Steel
Dust Shield**	Neoprene		
Contacts	Brass		

**Dust Shield for 20 & 30A Connectors.
Consult Turnlok® Section I for complete compliance listing.


NEMA L5-15R | NEMA L5-20R | NEMA L5-30R


NEMA L6-15R | NEMA L6-20R | NEMA L6-30R


NEMA L7-15R | NEMA L7-20R | NEMA L7-30R


NEMA L14-20R | NEMA L14-30R | NEMA L24-20R

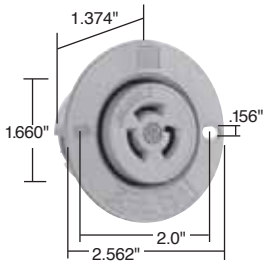
Project	
Location/Type	

Pass & Seymour
legrand

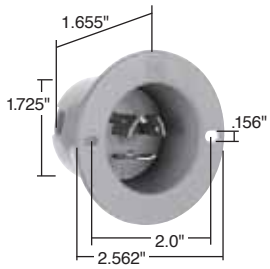
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand 4715SS
Description: Locking Flanged Outlet, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 15A, 125V
Configuration: NEMA L5-15R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
15	❒ 4715SS	L5-15R	15	❒ 4716SS	L5-15P



4715SS



4716SS

Performance

Electrical	
Dielectric Withstand Voltage	2000V minimum
Maximum Working Voltage	277VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#18 AWG min. – #10 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C without impact

Materials

	Inlet	Outlet
Flanged Casing	Polycarbonate	Polycarbonate
Body Contact	Polycarbonate	Polycarbonate
Blades	Nickel-Plated Brass	Brass
Terminal Clamp	Zinc-Plated Steel	Zinc-Plated Steel
Terminal Screws	Zinc- or Brass-Plated Steel	Zinc- or Brass-Plated Steel
Ground Screws	Zinc-Plated Steel	Zinc-Plated Steel
Assembly Screws	Zinc-Plated Steel	Zinc-Plated Steel

NEMA 5-15P **NEMA 5-15R**

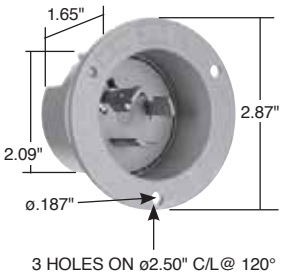
Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
20A Turnlok® Flanged Inlets



Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L520FI
Description: Locking Flanged Inlet, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20P

3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ L520FI	L5-20P	20	❒ L1520FI	L15-20P
20	❒ L620FI	L6-20P	20	❒ L1620FI	L16-20P
20	❒ L720FI	L7-20P	20	❒ L1820FI	L18-20P
20	❒ L820FI	L8-20P	20	❒ L1920FI	L19-20P
20	❒ L920FI	L9-20P	20	❒ L2020FI	L20-20P
20	❒ L1020FI	L10-20P	20	❒ L2120FI	L21-20P
20	❒ L1120FI	L11-20P	20	❒ L2220FI	L22-20P
20	❒ L1220FI	L12-20P	20	❒ L2320FI	L23-20P
20	❒ L1420FI	L14-20P			

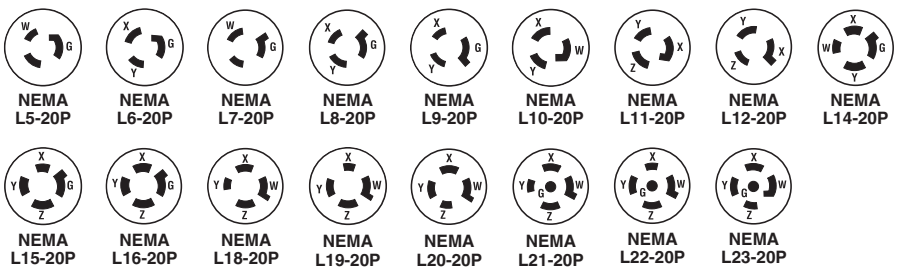
Performance

Electrical	
Dielectric Withstand Voltage	3000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#12 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C without impact

Materials

Flanged Casing	Polycarbonate
Blade Holder	Polycarbonate
Blades	Brass
Terminal Clamp	Zinc-Plated Steel
Terminal Screws	Zinc- or Brass-Plated Steel
Ground Screws	Zinc-Plated Steel
Assembly Screws	Zinc-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

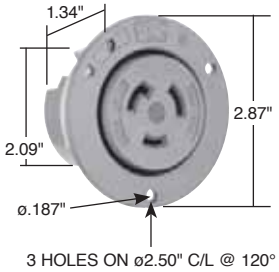


Project
Location/Type

Pass & Seymour
legrand

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L520FO
Description: Locking Flanged Outlet, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125V
Configuration: NEMA L5-20R
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.



Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
20	❒ L520FO	L5-20R	20	❒ L1520FO	L15-20R
20	❒ L620FO	L6-20R	20	❒ L1620FO	L16-20R
20	❒ L720FO	L7-20R	20	❒ L1820FO	L18-20R
20	❒ L820FO	L8-20R	20	❒ L1920FO	L19-20R
20	❒ L920FO	L9-20R	20	❒ L2020FO	L20-20R
20	❒ L1020FO	L10-20R	20	❒ L2120FO	L21-20R
20	❒ L1120FO	L11-20R	20	❒ L2220FO	L22-20R
20	❒ L1220FO	L12-20R	20	❒ L2320FO	L23-20R
20	❒ L1420FO	L14-20R	20	❒ L3720FO	L24-20R

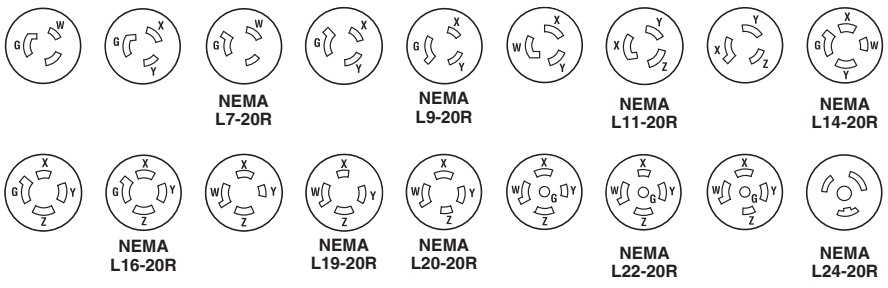
Performance

Dielectric Withstand Voltage	3000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#12 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Flammability	UL94 V2
Operating Temperature	Maximum continuous +115°C, minimum -40°C without impact

Materials

Flanged Casing	Polycarbonate
Contact Carrier	Polycarbonate
Contacts	Brass
Terminal Clamp	Zinc-Plated Steel
Terminal Screws	Zinc- or Brass-Plated Steel
Ground Screws	Zinc-Plated Steel
Assembly Screws	Zinc-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

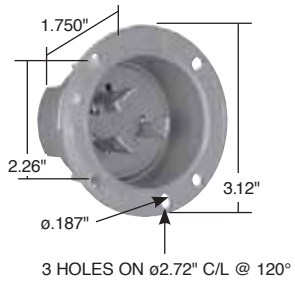


Project
Location/Type

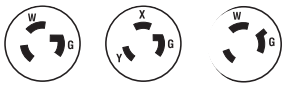
Pass & Seymour

legrand

Technical Specifications
30A Turnlok® Flanged Inlets



3 HOLES ON ø2.72" C/L @ 120°


NEMA L5-30P

NEMA L6-30P

NEMA L7-30P


NEMA L8-30P


NEMA L9-30P


NEMA L10-30P


NEMA L11-30P


NEMA L12-30P


NEMA L13-30P


NEMA L14-30P


NEMA L15-30P


NEMA L16-30P


NEMA L17-30P


NEMA L18-30P


NEMA L19-30P


NEMA L20-30P


NEMA L21-30P


NEMA L22-30P


NEMA L23-30P

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L530FI
Description: Locking Flanged Inlet, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 30A, 125V
Configuration: NEMA L5-30P
3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
30	❒ L530FI	L5-30P	30	❒ L1530FI	L15-30P
30	❒ L630FI	L6-30P	30	❒ L1630FI	L16-30P
30	❒ L730FI	L7-30P	30	❒ L1730FI	L17-30P
30	❒ L830FI	L8-30P	30	❒ L1830FI	L18-30P
30	❒ L930FI	L9-30P	30	❒ L1930FI	L19-30P
30	❒ L1030FI	L10-30P	30	❒ L2030FI	L20-30P
30	❒ L1130FI	L11-30P	30	❒ L2130FI	L21-30P
30	❒ L1230FI	L12-30P	30	❒ L2230FI	L22-30P
30	❒ L1330FI	L13-30P	30	❒ L2330FI	L23-30P
30	❒ L1430FI	L14-30P			

Performance

Electrical	
Dielectric Withstand Voltage	3000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#12 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials

Flanged Casing	Polycarbonate
Blade Holder	Nylon
Blades	Tin-Plated Stresscon
Terminal Clamp	Brass
Terminal Screws	Brass
Ground Screws	Brass
Assembly Screws	Zinc-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

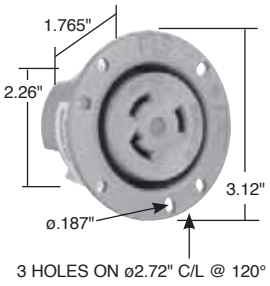
Project
Location/Type

Pass & Seymour
legrand

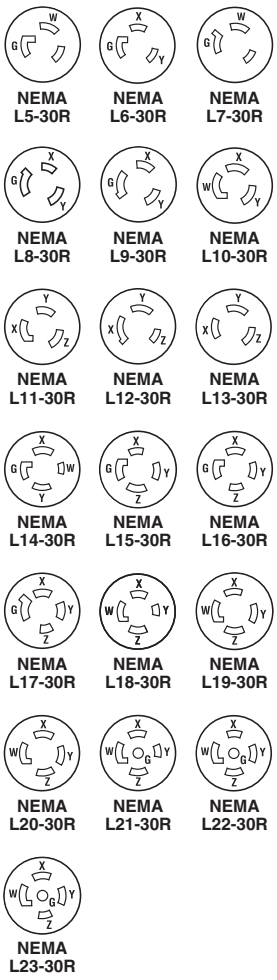
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand L530FO
Description: Locking Flanged Outlet, Power Supply
Type: 2 Pole, 3 Wire Grounding
Rating: 30A, 125V
Configuration: NEMA L5-30R

3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.



Amps	Catalog Number	NEMA Config. No.	Amps	Catalog Number	NEMA Config. No.
30	❒ L530FO	L5-30R	30	❒ L1530FO	L15-30R
30	❒ L630FO	L6-30R	30	❒ L1630FO	L16-30R
30	❒ L730FO	L7-30R	30	❒ L1730FO	L17-30R
30	❒ L830FO	L8-30R	30	❒ L1830FO	L18-30R
30	❒ L930FO	L9-30R	30	❒ L1930FO	L19-30R
30	❒ L1030FO	L10-30R	30	❒ L2030FO	L20-30R
30	❒ L1130FO	L11-30R	30	❒ L2130FO	L21-30R
30	❒ L1230FO	L12-30R	30	❒ L2230FO	L22-30R
30	❒ L1330FO	L13-30R	30	❒ L2330FO	L23-30R
30	❒ L1430FO	L14-30R			



Performance	
Electrical	
Dielectric Withstand Voltage	3000V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	30°C max. after 50 cycles at 150% rated current
Mechanical	
Terminal Identification	Green = Ground, White = Neutral, Brass = Hot
Terminal Accommodation	#12 AWG min. – #8 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Configuration
Environmental	
Flammability	UL94 V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact

Materials	
Flanged Casing	Polycarbonate
Contact Carrier	Nylon
Contacts	Tin-Plated Brass
Terminal Clamp	Brass- or Nickel-Plated Steel
Terminal Screws	Brass- or Nickel-Plated Steel
Ground Screws	Nickel-Plated Brass
Assembly Screws	Zinc-Plated Steel

Consult Turnlok® Section I for complete compliance listing.

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Cam-Type Devices
Series 16 In-Line Connectors

Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand PS40MBBK, PS40FBBK

Description: Series 16 Single Pole In-Line Connector

Type: Single Pole

Electrical Rating: 400A, 600V

Enclosure Rating: NEMA 3R, 4

3rd Party Compliance: UL Listed, File Number E111198, cCSAus Certified, File Number LR81290. Applicable standards: UL50, Enclosures for Electrical Equipment, UL498, Attachment Plugs and Receptacles, UL1682, Plugs, Receptacles and Cable Connectors of the Pin & Sleeve Type, CSA-C22.2 No. 65-93, Wire Connectors, CSA-C22.2 No. 94-M91, Special Purpose Enclosures, CSA-C22.2 No. 182.1-1988, Industrial Type, Special Use Attachment Plugs, Receptacles. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating*	Cable Size	Color	Catalog Number	Rating*	Cable Size	Color
❒ PS20MBBK	400 600	#2 - 2/0	Black	❒ PS20FBBK	400 600	#2 - 2/0	Black
❒ PS20MBW	400 600	#2 - 2/0	White	❒ PS20FBW	400 600	#2 - 2/0	White
❒ PS20MBR	400 600	#2 - 2/0	Red	❒ PS20FBR	400 600	#2 - 2/0	Red
❒ PS20MBBL	400 600	#2 - 2/0	Blue	❒ PS20FBBL	400 600	#2 - 2/0	Blue
❒ PS20MBG	400 600	#2 - 2/0	Green	❒ PS20FBG	400 600	#2 - 2/0	Green
❒ PS20MBBR	400 600	#2 - 2/0	Brown	❒ PS20FBBR	400 600	#2 - 2/0	Brown
❒ PS20MBO	400 600	#2 - 2/0	Orange	❒ PS20FBO	400 600	#2 - 2/0	Orange
❒ PS20MBY	400 600	#2 - 2/0	Yellow	❒ PS20FBY	400 600	#2 - 2/0	Yellow
❒ PS40MBBK	400 600	2/0 - 4/0	Black	❒ PS40FBBK	400 600	2/0 - 4/0	Black
❒ PS40MBW	400 600	2/0 - 4/0	White	❒ PS40FBW	400 600	2/0 - 4/0	White
❒ PS40MBR	400 600	2/0 - 4/0	Red	❒ PS40FBR	400 600	2/0 - 4/0	Red
❒ PS40MBBL	400 600	2/0 - 4/0	Blue	❒ PS40FBBL	400 600	2/0 - 4/0	Blue
❒ PS40MBG	400 600	2/0 - 4/0	Green	❒ PS40FBG	400 600	2/0 - 4/0	Green
❒ PS40MBBR	400 600	2/0 - 4/0	Brown	❒ PS40FBBR	400 600	2/0 - 4/0	Brown
❒ PS40MBO	400 600	2/0 - 4/0	Orange	❒ PS40FBO	400 600	2/0 - 4/0	Orange
❒ PS40MBY	400 600	2/0 - 4/0	Yellow	❒ PS40FBY	400 600	2/0 - 4/0	Yellow

*All ratings are both AC/DC.

Performance

Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Not for interrupting current
Temperature Rise	45°C maximum
Mechanical	
Cord Accommodation	Individual conductor, Type SC, SCE, SCT or W, 75°C, copper wire only
Terminal Accommodation	PS20 Series = #2 AWG min. – 2/0 AWG max. PS40 Series = 2/0 AWG min. – 4/0 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Standards molded into external product body
Environmental	
Flammability	UL94V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact
Enclosure	NEMA Type 3R and 4

Materials

Body – Connectors	Thermoplastic Elastomer
Body – Panel Mounts	Nylon
Body – Adapters	Thermoplastic Elastomer
Terminal / Pin / Cam	Brass
Terminal Screw	Plated Steel
Retaining Screw	Plastic
Strain Relief Wire	Copper
Shim	Copper

Project
Location/Type

Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand PSM2MBK, PSM2FBK

Description: Series 15 Single Pole In-Line Connector

Type: Single Pole

Electrical Rating: 150A, 600V

Enclosure Rating: NEMA 3R, 4

3rd Party Compliance: UL Listed, File Number E111198, cCSAus Certified, File Number LR81290. Applicable standards: UL50, Enclosures for Electrical Equipment, UL498, Attachment Plugs and Receptacles, UL1682, Plugs, Receptacles and Cable Connectors of the Pin & Sleeve Type, CSA-C22.2 No. 65-93, Wire Connectors, CSA-C22.2 No. 94-M91, Special Purpose Enclosures, CSA-C22.2 No. 182.1-1988, Industrial Type, Special Use Attachment Plugs, Receptacles. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating	Cable Size	Color	Catalog Number	Rating	Cable Size	Color
❒ PSM2MBK	150 600	#8 – #2	Black	❒ PSM2FBK	150 600	#8 – #2	Black
❒ PSM2MW	150 600	#8 – #2	White	❒ PSM2FW	150 600	#8 – #2	White
❒ PSM2MR	150 600	#8 – #2	Red	❒ PSM2FR	150 600	#8 – #2	Red
❒ PSM2MBL	150 600	#8 – #2	Blue	❒ PSM2FBL	150 600	#8 – #2	Blue
❒ PSM2MG	150 600	#8 – #2	Green	❒ PSM2FG	150 600	#8 – #2	Green

Performance

Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Not for interrupting current
Temperature Rise	45°C maximum
Mechanical	
Cord Accommodation	Individual conductor, Type SC, SCE, SCT or W, 75°C, copper wire only
Terminal Accommodation	PSM Series = #8 AWG min. – #2 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Standards molded into external product body
Environmental	
Flammability	UL94V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact
Enclosure	NEMA Type 3R and 4

Materials

Body – Connectors	Thermoplastic Elastomer
Body – Panel Mounts	Nylon
Body – Adapters	Thermoplastic Elastomer
Terminal / Pin / Cam	Brass
Terminal Screw	Plated Steel
Retaining Screw	Plastic
Strain Relief Wire	Copper
Shim	Copper

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Cam-Type Devices
Series 18 In-Line Connectors

PLS182MBK

PLS182FBK

Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand PLS182MBK, PLS182FBK

Description: Series 18 Single Pole In-Line Connector

Type: Single Pole

Electrical Rating: 400A, 600V

Enclosure Rating: NEMA 3R, 4

3rd Party Compliance: UL Listed, File Number E111198, cCSAus Certified, File Number LR81290. Applicable standards: UL50, Enclosures for Electrical Equipment, UL498, Attachment Plugs and Receptacles, UL1682, Plugs, Receptacles and Cable Connectors of the Pin & Sleeve Type, CSA-C22.2 No. 65-93, Wire Connectors, CSA-C22.2 No. 94-M91, Special Purpose Enclosures, CSA-C22.2 No. 182.1-1988, Industrial Type, Special Use Attachment Plugs, Receptacles. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating*	Cable Size	Color	Catalog Number	Rating*	Cable Size	Color
❒ PLS182MBK	400 600	#6 - #2	Black	❒ PLS182FBK	400 600	#6 - #2	Black
❒ PLS182MW	400 600	#6 - #2	White	❒ PLS182FW	400 600	#6 - #2	White
❒ PLS182MR	400 600	#6 - #2	Red	❒ PLS182FR	400 600	#6 - #2	Red
❒ PLS182MBL	400 600	#6 - #2	Blue	❒ PLS182FBL	400 600	#6 - #2	Blue
❒ PLS182MG	400 600	#6 - #2	Green	❒ PLS182FG	400 600	#6 - #2	Green
❒ PLS1820MBK	400 600	#2 - 2/0	Black	❒ PLS1820FBK	400 600	#2 - 2/0	Black
❒ PLS1820MW	400 600	#2 - 2/0	White	❒ PLS1820FW	400 600	#2 - 2/0	White
❒ PLS1820MR	400 600	#2 - 2/0	Red	❒ PLS1820FR	400 600	#2 - 2/0	Red
❒ PLS1820MBL	400 600	#2 - 2/0	Blue	❒ PLS1820FBL	400 600	#2 - 2/0	Blue
❒ PLS1820MG	400 600	#2 - 2/0	Green	❒ PLS1820FG	400 600	#2 - 2/0	Green
❒ PLS1840MBK	400 600	4/0	Black	❒ PLS1840FBK	400 600	4/0	Black
❒ PLS1840MW	400 600	4/0	White	❒ PLS1840FW	400 600	4/0	White
❒ PLS1840MR	400 600	4/0	Red	❒ PLS1840FR	400 600	4/0	Red
❒ PLS1840MBL	400 600	4/0	Blue	❒ PLS1840FBL	400 600	4/0	Blue
❒ PLS1840MG	400 600	4/0	Green	❒ PLS1840FG	400 600	4/0	Green

*All ratings are both AC/DC.

Performance

Electrical	
Dielectric Withstand Voltage	2200V minimum
Maximum Working Voltage	600VAC
Current Interrupting	Not for interrupting current
Temperature Rise	45°C maximum
Mechanical	
Cord Accommodation	Individual conductor, Type SC, SCE, SCT or W, 75°C, copper wire only
Terminal Accommodation	PLS182 Series = #6 AWG min. – #2 AWG max. PLS1820 Series = #2 AWG min. – 2/0 AWG max. PLS1840 Series = 2/0 AWG min. – 4/0 AWG max.
Product Identification	Amperage, Voltage, 3rd Party Compliance, NEMA Standards molded into external product body
Environmental	
Flammability	UL94V2
Operating Temperature	Maximum continuous +75°C, minimum -40°C without impact
Enclosure	NEMA Type 3R and 4

Materials

Body – Connectors	Thermoplastic Elastomer
Body – Panel Mounts	Nylon
Body – Adapters	Thermoplastic Elastomer
Terminal / Pin / Cam	Brass
Terminal Screw	Plated Steel
Retaining Screw	Plastic
Strain Relief Wire	Copper
Shim	Copper

Project
Location/Type

Pass & Seymour
legrand

Adapting To Worldwide Configuration Standards

Application

Pass & Seymour/Legrand's Pin & Sleeve products are designed to meet IEC 309-1, 309-2 specifications. These specifications are recognized around the world and are intended to prevent the mating of plugs and receptacles of different voltage and current ratings (see Section 406.3(F) of the National Electrical Code® relating to this noninterchangeability feature).

Global Product Offering

Pass & Seymour/Legrand provides IEC 309-1, 309-2 Pin & Sleeve products in both Series I (International) and Series II (North American) current ratings:

Series I (International)	16, 32, 63, 125 Amps
Series II (North American)	20, 30, 60, 100 Amps

North American Catalog Numbering System

Catalog numbers within the North American product offering are structured to communicate the following: manufacturer, number of conductors, amperage rating, device type, clocking position of the ground sleeve, and environmental rating. This applies to all receptacles, inlets, plugs, and connectors in the Pass & Seymour/Legrand North American Pin & Sleeve product line (see sample below).

Here's How It Works

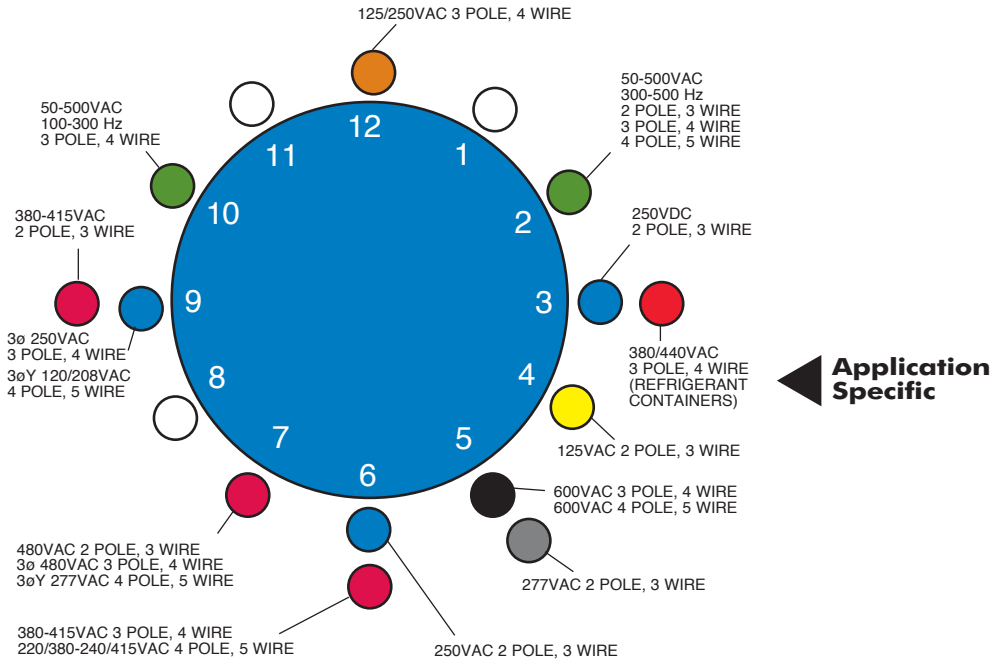
The amperage rating is determined by the size of the device. Voltage rating is determined by the location of the ground sleeve on the receptacle and/or connector along with the number of conductors.

Ground sleeve position for all connectors and receptacles is based on a clock face with the keyway always being at 6 o'clock. The ground sleeve is positioned at a specific hour point, depending on the device's voltage rating.

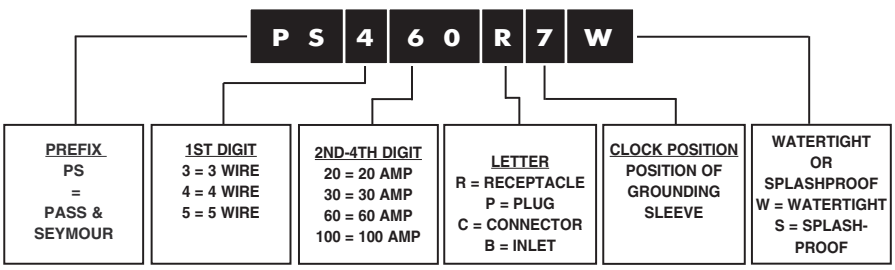
The clocking position for plugs and inlets is a mirror image of the mating device, allowing for interconnection.

In addition, voltage ratings for all Pin & Sleeve products are color coded for visual identification.

IEC 309 Clocking System



North American Catalog Numbering System



Pass & Seymour

legrand

Technical Specifications
Watertight Pin & Sleeve Receptacles
20, 30, 60 & 100A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460R7-W
Description: Receptacle, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Watertight (IP67)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number	Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320R4W	30	❒2P3W		125	PS330R4W
20	❒2P3W		250	PS320R6W	30	❒2P3W		250	PS330R6W
20	❒2P3W		480	PS320R7W	30	❒2P3W		480	PS330R7W
20	❒2P3W		277	PS320R5W	30	❒3P4W		125/250	PS430R12W
20	❒3P4W		125/250	PS420R12W	30	❒3P4W		3ø250	PS430R9W
20	❒3P4W		3ø250	PS420R9W	30	❒3P4W		3ø480	PS430R7W
20	❒3P4W		3ø480	PS420R7W	30	❒3P4W		3ø600	PS430R5W
20	❒3P4W		3ø600	PS420R5W	30	❒3P4W		380/440	*PS430R3W
20	❒4P5W		3øY120/208	PS520R9W	30	❒4P5W		3øY120/208	PS530R9W
20	❒4P5W		3øY277/480	PS520R7W	30	❒4P5W		3øY277/480	PS530R7W
20	❒4P5W		3øY347/600	PS520R5W	30	❒4P5W		3øY347/600	PS530R5W

*Application specific.

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number	Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
60	❒2P3W		125	PS360R4W	100	❒2P3W		125	PS3100R4W
60	❒2P3W		250	PS360R6W	100	❒2P3W		250	PS3100R6W
60	❒2P3W		480	PS360R7W	100	❒2P3W		480	PS3100R7W
60	❒3P4W		125/250	PS460R12W	100	❒3P4W		125/250	PS4100R12W
60	❒3P4W		3ø250	PS460R9W	100	❒3P4W		3ø250	PS4100R9W
60	❒3P4W		3ø480	PS460R7W	100	❒3P4W		3ø480	PS4100R7W
60	❒3P4W		3ø600	PS460R5W	100	❒3P4W		3ø600	PS4100R5W
60	❒4P5W		3øY120/208	PS560R9W	100	❒4P5W		3øY120/208	PS5100R9W
60	❒4P5W		3øY277/480	PS560R7W	100	❒4P5W		3øY277/480	PS5100R7W
60	❒4P5W		3øY347/600	PS560R5W	100	❒4P5W		3øY347/600	PS5100R5W

Project
Location/Type

Pass & Seymour
legrand

Performance

Electrical

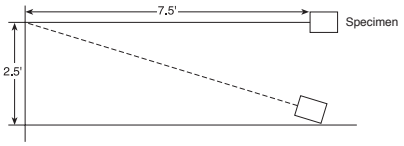
Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

Mechanical

Impact Resistance	Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)
Cord Grip Retention	

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



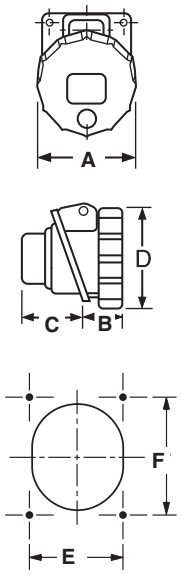
Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Materials	20 Amp	30 Amp	60 Amp	100 Amp
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Cover	Polyamide 66	Polyamide 66	Valox	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sealing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Mounting Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Sleeves	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel

Amps	Wire Config.		A	B	C	D	E	F
Watertight Receptacles								
20	2 Pole, 3 Wire	inch	2.85	1.80	1.60	3.40	2.05	2.36
	3 Pole, 4 Wire	inch	3.20	1.90	1.60	3.80	2.36	2.75
	4 Pole, 5 Wire	inch	3.40	2.00	1.70	3.80	2.36	2.75
30	2 Pole, 3 Wire	inch	3.72	2.60	1.80	4.30	2.75	3.15
	3 Pole, 4 Wire	inch	3.72	2.60	1.90	4.30	2.75	3.15
	4 Pole, 5 Wire	inch	3.98	2.70	1.95	4.30	2.75	3.15
60	2 Pole, 3 Wire	inch	4.20	3.10	3.50	5.00	3.03	3.35
	3 Pole, 4 Wire	inch	4.20	3.10	3.50	5.00	3.03	3.35
	4 Pole, 5 Wire	inch	4.20	3.10	3.50	5.00	3.03	3.35
100	2 Pole, 3 Wire	inch	5.20	2.20	4.40	5.60	4.88	4.88
	3 Pole, 4 Wire	inch	5.20	2.20	4.40	5.60	4.88	4.88
	4 Pole, 5 Wire	inch	5.20	2.20	4.40	5.60	4.88	4.88



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Watertight Pin & Sleeve Plugs
20, 30, 60 & 100A

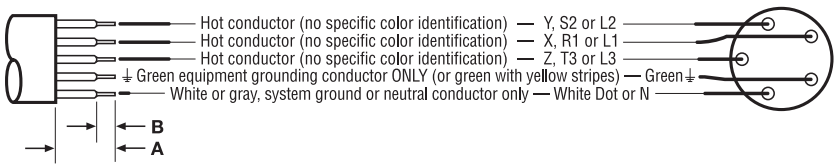
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460P7-W
Description: Plug, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Watertight (IP67)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320P4W
20	❒2P3W		250	PS320P6W
20	❒2P3W		480	PS320P7W
20	❒2P3W		277	PS320P5W
20	❒3P4W		125/250	PS420P12W
20	❒3P4W		3ø250	PS420P9W
20	❒3P4W		3ø480	PS420P7W
20	❒3P4W		3ø600	PS420P5W
20	❒4P5W		3øY120/208	PS520P9W
20	❒4P5W		3øY277/480	PS520P7W
20	❒4P5W		3øY347/600	PS520P5W
30	❒2P3W		125	PS330P4W
30	❒2P3W		250	PS330P6W
30	❒2P3W		480	PS330P7W
30	❒3P4W		125/250	PS430P12W
30	❒3P4W		3ø250	PS430P9W
30	❒3P4W		3ø480	PS430P7W
30	❒3P4W		3ø600	PS430P5W
30	❒3P4W		380/440	*PS430P3W
30	❒4P5W		3øY120/208	PS530P9W
30	❒4P5W		3øY277/480	PS530P7W
30	❒4P5W		3øY347/600	PS530P5W
60	❒2P3W		125	PS360P4W
60	❒2P3W		250	PS360P6W
60	❒2P3W		480	PS360P7W
60	❒3P4W		125/250	PS460P12W
60	❒3P4W		3ø250	PS460P9W
60	❒3P4W		3ø480	PS460P7W
60	❒3P4W		3ø600	PS460P5W
60	❒4P5W		3øY120/208	PS560P9W
60	❒4P5W		3øY277/480	PS560P7W
60	❒4P5W		3øY347/600	PS560P5W

*Application specific.

Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number
100	❒2P3W		125	PS3100P4W
100	❒2P3W		250	PS3100P6W
100	❒2P3W		480	PS3100P7W
100	❒3P4W		125/250	PS4100P12W
100	❒3P4W		3ø250	PS4100P9W
100	❒3P4W		3ø480	PS4100P7W
100	❒3P4W		3ø600	PS4100P5W
100	❒4P5W		3øY120/208	PS5100P9W
100	❒4P5W		3øY277/480	PS5100P7W
100	❒4P5W		3øY347/600	PS5100P5W



CABLE STRIPPING GUIDE

Device Size	Con-ductors	A		B	
		Inches	(mm)	Inches	(mm)
20 Amp	All	1-1/8	29	1/2	12
30 Amp	All	1-1/2	38	13/16	21
60 Amp	All	2-3/4	70	13/16	21
100 Amp	All	5-5/16	135	1-3/8	35

TIGHTENING GUIDE

Device Size	Terminal Screw		Cable Clamp Screw		Assembly Screw		Compression Nut	
	In-lbs	N-m	In-lbs	N-m	In-lbs	N-m	In-lbs	N-m
20 Amp	7	.8	6	.8	7	.8	18-36	2-4
30 Amp	7	.8	6	.8	7	.8	18-36	2-4
60 Amp	17	1.9	12	1.4	7	.8	45-90	5-10
100 Amp	70	7.9	15	1.8	7	.8	45-90	5-10

Project
Location/Type

Technical Specifications
Watertight Pin & Sleeve Plugs
20, 30, 60 & 100A

Pass & Seymour
legrand

Performance

Electrical

Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

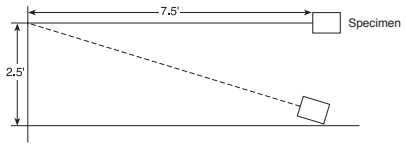
Mechanical

Impact Resistance: Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)

Cord Grip Retention

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



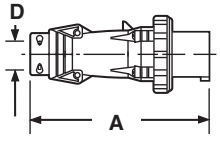
Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Materials	20 Amp	30 Amp	60 Amp	100 Amp
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Locking Ring	Polyamide 66	Polyamide 66	Valox	Valox
Sealing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Housing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Pins	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

Amps	Wire Config.		A	B	C	D	E	F
Watertight Plugs								
20	2 Pole, 3 Wire	inch	5.30	2.85		.31-.59		
	3 Pole, 4 Wire	inch	5.50	3.20		.31-.59		
	4 Pole, 5 Wire	inch	6.00	3.40		.39-.71		
30	2 Pole, 3 Wire	inch	6.50	3.70		.39-.71		
	3 Pole, 4 Wire	inch	6.50	3.70		.47-.87		
	4 Pole, 5 Wire	inch	6.70	3.98		.47-.87		
60	2 Pole, 3 Wire	inch	10.00	4.50		.63-1.04		
	3 Pole, 4 Wire	inch	10.00	4.50		.73-1.14		
	4 Pole, 5 Wire	inch	10.00	4.50		.80-1.26		
100/125	2 Pole, 3 Wire	inch	13.40	5.20		.59-1.97		
	3 Pole, 4 Wire	inch	13.40	5.20		.59-1.97		
	4 Pole, 5 Wire	inch	13.40	5.20		.59-1.97		



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Watertight Pin & Sleeve Connectors
20, 30, 60 & 100A

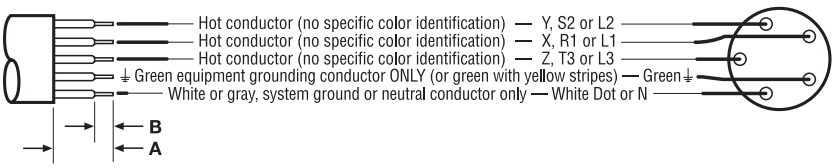
Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460C7-W
Description: Connector, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Watertight (IP67)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320C4W
20	❒2P3W		250	PS320C6W
20	❒2P3W		480	PS320C7W
20	❒2P3W		277	PS320C5W
20	❒3P4W		125/250	PS420C12W
20	❒3P4W		3ø250	PS420C9W
20	❒3P4W		3ø480	PS420C7W
20	❒3P4W		3ø600	PS420C5W
20	❒4P5W		3øY120/208	PS520C9W
20	❒4P5W		3øY277/480	PS520C7W
20	❒4P5W		3øY347/600	PS520C5W
30	❒2P3W		125	PS330C4W
30	❒2P3W		250	PS330C6W
30	❒2P3W		480	PS330C7W
30	❒3P4W		125/250	PS430C12W
30	❒3P4W		3ø250	PS430C9W
30	❒3P4W		3ø480	PS430C7W
30	❒3P4W		3ø600	PS430C5W
30	❒3P4W		380/440	*PS430C3W
30	❒4P5W		3øY120/208	PS530C9W
30	❒4P5W		3øY277/480	PS530C7W
30	❒4P5W		3øY347/600	PS530C5W
60	❒2P3W		125	PS360C4W
60	❒2P3W		250	PS360C6W
60	❒2P3W		480	PS360C7W
60	❒3P4W		125/250	PS460C12W
60	❒3P4W		3ø250	PS460C9W
60	❒3P4W		3ø480	PS460C7W
60	❒3P4W		3ø600	PS460C5W
60	❒4P5W		3øY120/208	PS560C9W
60	❒4P5W		3øY277/480	PS560C7W
60	❒4P5W		3øY347/600	PS560C5W

*Application specific.

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
100	❒2P3W		125	PS3100C4W
100	❒2P3W		250	PS3100C6W
100	❒2P3W		480	PS3100C7W
100	❒3P4W		125/250	PS4100C12W
100	❒3P4W		3ø250	PS4100C9W
100	❒3P4W		3ø480	PS4100C7W
100	❒3P4W		3ø600	PS4100C5W
100	❒4P5W		3øY120/208	PS5100C9W
100	❒4P5W		3øY277/480	PS5100C7W
100	❒4P5W		3øY347/600	PS5100C5W



CABLE STRIPPING GUIDE

Device Size	Con-ductors	A		B	
		inches	(mm)	inches	(mm)
20 Amp	All	1-1/8	29	1/2	12
30 Amp	All	1-1/2	38	13/16	21
60 Amp	All	2-3/4	70	13/16	21
100 Amp	All	5-5/16	135	1-3/8	35

TIGHTENING GUIDE

Device Size	Terminal Screw		Cable Clamp Screw		Assembly Screw		Compression Nut	
	In-lbs	N-m	In-lbs	N-m	In-lbs	N-m	In-lbs	N-m
20 Amp	7	.8	6	.8	7	.8	18-36	2-4
30 Amp	7	.8	6	.8	7	.8	18-36	2-4
60 Amp	17	1.9	12	1.4	7	.8	45-90	5-10
100 Amp	70	7.9	15	1.8	7	.8	45-90	5-10

Project
Location/Type

Performance

Electrical

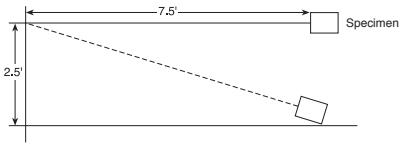
Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

Mechanical

Impact Resistance	Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)
Cord Grip Retention	

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



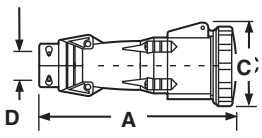
Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Materials	20 Amp	30 Amp	60 Amp	100 Amp
Housing	Polyamide 6	Polyamide 6	Valox	Valox
Cover	Polyamide 66	Polyamide 66	Valox	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sealing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Housing Gasket	Neoprene	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6
Sleeves	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel

Amps	Wire Config.		A	B	C	D	E	F
Watertight Connectors								
20	2 Pole, 3 Wire	inch	5.90	2.85	3.00	.31-.59		
	3 Pole, 4 Wire	inch	6.00	3.20	3.40	.31-.59		
	4 Pole, 5 Wire	inch	6.70	3.40	3.50	.39-.71		
30	2 Pole, 3 Wire	inch	7.00	3.70	3.90	.39-.71		
	3 Pole, 4 Wire	inch	7.00	3.70	3.90	.47-.87		
	4 Pole, 5 Wire	inch	7.30	3.98	4.10	.47-.87		
60	2 Pole, 3 Wire	inch	10.90	4.50	4.70	.63-1.04		
	3 Pole, 4 Wire	inch	10.90	4.50	4.70	.73-1.14		
	4 Pole, 5 Wire	inch	10.90	4.50	4.70	.80-1.26		
100	2 Pole, 3 Wire	inch	14.30	5.20	5.30	.59-1.97		
	3 Pole, 4 Wire	inch	14.30	5.20	5.30	.59-1.97		
	4 Pole, 5 Wire	inch	14.30	5.20	5.30	.59-1.97		



Project

Location/Type

Pass & Seymour

legrand

Technical Specifications
Watertight Pin & Sleeve Inlets
60 & 100A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460B7-W
Description: Inlet, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Watertight (IP67)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number	Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number
60	❒2P3W		125	PS360B4W	100	❒2P3W		125	PS3100B4W
60	❒2P3W		250	PS360B6W	100	❒2P3W		250	PS3100B6W
60	❒2P3W		480	PS360B7W	100	❒2P3W		480	PS3100B7W
60	❒3P4W		125/250	PS460B12W	100	❒3P4W		125/250	PS4100B12W
60	❒3P4W		3ø250	PS460B9W	100	❒3P4W		3ø250	PS4100B9W
60	❒3P4W		3ø480	PS460B7W	100	❒3P4W		3ø480	PS4100B7W
60	❒3P4W		3ø600	PS460B5W	100	❒3P4W		3ø600	PS4100B5W
60	❒4P5W		3øY120/208	PS560B9W	100	❒4P5W		3øY120/208	PS5100B9W
60	❒4P5W		3øY277/480	PS560B7W	100	❒4P5W		3øY277/480	PS5100B7W
60	❒4P5W		3øY347/600	PS560B5W	100	❒4P5W		3øY347/600	PS5100B5W

Performance

Electrical

Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

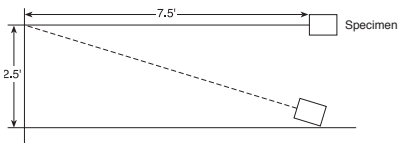
Mechanical

Impact Resistance: Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)

Cord Grip Retention

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Project

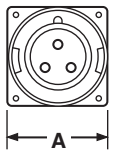
Location/Type

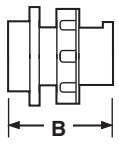
Technical Specifications
Watertight Pin & Sleeve Inlets
60 & 100A

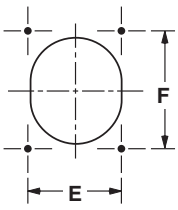
Pass & Seymour
legrand

Materials	60 Amp	100 Amp
Housing	Valox	Valox
Mounting Flange	Valox	Valox
Locking Ring	Valox	Valox
Sealing Gasket	Neoprene	Neoprene
Mounting Gasket	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6
Pins	Brass with Nickel Plate	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel

Amps	Wire Config.		A	B	C	D	E	F
Watertight Inlets								
60	2 Pole, 3 Wire	inch	4.50	4.25			3.03	3.35
	3 Pole, 4 Wire	inch	4.50	4.25			3.03	3.35
	4 Pole, 5 Wire	inch	4.50	4.25			3.03	3.35
100	2 Pole, 3 Wire	inch	5.75	5.71			4.88	4.88
	3 Pole, 4 Wire	inch	5.75	5.71			4.88	4.88
	4 Pole, 5 Wire	inch	5.75	5.71			4.88	4.88







Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Splashproof Pin & Sleeve Receptacles
20, 30 & 60A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460R7-S
Description: Receptacle, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320R4S
20	❒2P3W		250	PS320R6S
20	❒2P3W		480	PS320R7S
20	❒2P3W		277	PS320R5S
20	❒3P4W		125/250	PS420R12S
20	❒3P4W		3ø250	PS420R9S
20	❒3P4W		3ø480	PS420R7S
20	❒3P4W		3ø600	PS420R5S
20	❒4P5W		3øY120/208	PS520R9S
20	❒4P5W		3øY277/480	PS520R7S
20	❒4P5W		3øY347/600	PS520R5S
30	❒2P3W		125	PS330R4S
30	❒2P3W		250	PS330R6S
30	❒2P3W		480	PS330R7S
30	❒3P4W		125/250	PS430R12S
30	❒3P4W		3ø250	PS430R9S
30	❒3P4W		3ø480	PS430R7S
30	❒3P4W		3ø600	PS430R5S
30	❒4P5W		3øY120/208	PS530R9S
30	❒4P5W		3øY277/480	PS530R7S
30	❒4P5W		3øY347/600	PS530R5S
60	❒2P3W		125	PS360R4S
60	❒2P3W		250	PS360R6S
60	❒2P3W		480	PS360R7S
60	❒3P4W		125/250	PS460R12S
60	❒3P4W		3ø250	PS460R9S
60	❒3P4W		3ø480	PS460R7S
60	❒3P4W		3ø600	PS460R5S
60	❒4P5W		3øY120/208	PS560R9S
60	❒4P5W		3øY277/480	PS560R7S
60	❒4P5W		3øY347/600	PS560R5S

Performance

Electrical

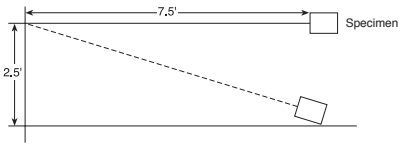
Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

Mechanical

Impact Resistance	Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)
Cord Grip Retention	

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Project
Location/Type

Splashproof Pin & Sleeve Receptacles

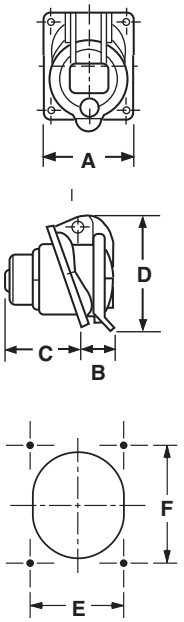
20, 30 & 60A

Pass & Seymour

legrand

Materials	20 Amp	30 Amp	60 Amp
Housing	Polyamide 6	Polyamide 6	Valox
Cover	Polyamide 66	Polyamide 66	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel
Mounting Gasket	Neoprene	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6
Sleeves	Brass	Brass	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel

Amps	Wire Config.		A	B	C	D	E	F
Splashproof Receptacles								
20	2 Pole, 3 Wire	inch	2.50	1.57	1.60	3.10	2.05	2.36
	3 Pole, 4 Wire	inch	2.90	1.57	1.73	3.46	2.36	2.75
	4 Pole, 5 Wire	inch	2.90	1.73	1.73	3.66	2.36	2.75
30	2 Pole, 3 Wire	inch	3.30	2.10	1.97	4.06	2.75	3.15
	3 Pole, 4 Wire	inch	3.30	2.10	1.97	4.06	2.75	3.15
	4 Pole, 5 Wire	inch	3.30	2.20	2.05	4.20	2.75	3.15
60	2 Pole, 3 Wire	inch	4.20	3.50	2.76	5.08	3.03	3.35
	3 Pole, 4 Wire	inch	4.20	3.50	2.76	5.08	3.03	3.35
	4 Pole, 5 Wire	inch	4.20	3.50	2.76	5.08	3.03	3.35



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Splashproof Pin & Sleeve Plugs
20, 30 & 60A

Typical Specifications

Description: Plug, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320P4S
20	❒2P3W		250	PS320P6S
20	❒2P3W		480	PS320P7S
20	❒2P3W		277	PS320P5S
20	❒3P4W		125/250	PS420P12S
20	❒3P4W		3ø250	PS420P9S
20	❒3P4W		3ø480	PS420P7S
20	❒3P4W		3ø600	PS420P5S
20	❒4P5W		3øY120/208	PS520P9S
20	❒4P5W		3øY277/480	PS520P7S
20	❒4P5W		3øY347/600	PS520P5S
30	❒2P3W		125	PS330P4S
30	❒2P3W		250	PS330P6S
30	❒2P3W		480	PS330P7S
30	❒3P4W		125/250	PS430P12S
30	❒3P4W		3ø250	PS430P9S
30	❒3P4W		3ø480	PS430P7S
30	❒3P4W		3ø600	PS430P5S
30	❒4P5W		3øY120/208	PS530P9S
30	❒4P5W		3øY277/480	PS530P7S
30	❒4P5W		3øY347/600	PS530P5S
60	❒2P3W		125	PS360P4S
60	❒2P3W		250	PS360P6S
60	❒2P3W		480	PS360P7S
60	❒3P4W		125/250	PS460P12S
60	❒3P4W		3ø250	PS460P9S
60	❒3P4W		3ø480	PS460P7S
60	❒3P4W		3ø600	PS460P5S
60	❒4P5W		3øY120/208	PS560P9S
60	❒4P5W		3øY277/480	PS560P7S
60	❒4P5W		3øY347/600	PS560P5S

Performance

Electrical

Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

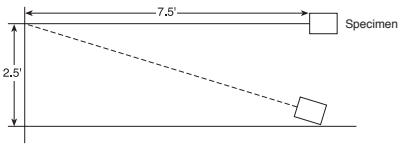
Mechanical

Impact Resistance: Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)

Cord Grip Retention

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

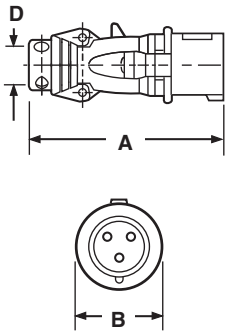
Project
Location/Type

Technical Specifications
Splashproof Pin & Sleeve Plugs
20, 30 & 60A

Pass & Seymour
legrand

Materials	20 Amp	30 Amp	60 Amp
Housing	Polyamide 6	Polyamide 6	Valox
Housing Gasket	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6
Pins	Brass	Brass	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel

Amps	Wire Config.		A	B	C	D	E	F
Splashproof Plugs								
20	2 Pole, 3 Wire	inch	5.30	2.17		.31-.59		
	3 Pole, 4 Wire	inch	5.50	2.36		.31-.59		
	4 Pole, 5 Wire	inch	6.00	2.60		.39-.71		
30	2 Pole, 3 Wire	inch	6.50	2.78		.39-.71		
	3 Pole, 4 Wire	inch	6.50	2.78		.47-.87		
	4 Pole, 5 Wire	inch	6.70	3.03		.47-.87		
60	2 Pole, 3 Wire	inch	10.00	4.02		.63-1.04		
	3 Pole, 4 Wire	inch	10.00	4.02		.73-1.14		
	4 Pole, 5 Wire	inch	10.00	4.02		.80-1.26		



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Splashproof Pin & Sleeve Connectors
20, 30 & 60A

Typical Specifications

Description: Connector, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Recep/ Conn.	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320C4S
20	❒2P3W		250	PS320C6S
20	❒2P3W		480	PS320C7S
20	❒2P3W		277	PS320C5S
20	❒3P4W		125/250	PS420C12S
20	❒3P4W		3ø250	PS420C9S
20	❒3P4W		3ø480	PS420C7S
20	❒3P4W		3ø600	PS420C5S
20	❒4P5W		3øY120/208	PS520C9S
20	❒4P5W		3øY277/480	PS520C7S
20	❒4P5W		3øY347/600	PS520C5S
30	❒2P3W		125	PS330C4S
30	❒2P3W		250	PS330C6S
30	❒2P3W		480	PS330C7S
30	❒3P4W		125/250	PS430C12S
30	❒3P4W		3ø250	PS430C9S
30	❒3P4W		3ø480	PS430C7S
30	❒3P4W		3ø600	PS430C5S
30	❒4P5W		3øY120/208	PS530C9S
30	❒4P5W		3øY277/480	PS530C7S
30	❒4P5W		3øY347/600	PS530C5S
60	❒2P3W		125	PS360C4S
60	❒2P3W		250	PS360C6S
60	❒2P3W		480	PS360C7S
60	❒3P4W		125/250	PS460C12S
60	❒3P4W		3ø250	PS460C9S
60	❒3P4W		3ø480	PS460C7S
60	❒3P4W		3ø600	PS460C5S
60	❒4P5W		3øY120/208	PS560C9S
60	❒4P5W		3øY277/480	PS560C7S
60	❒4P5W		3øY347/600	PS560C5S

Performance

Electrical

Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

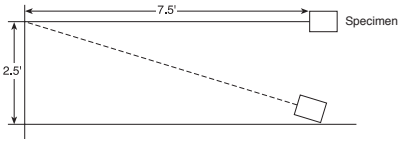
Mechanical

Impact Resistance: Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)

Cord Grip Retention

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

Project
Location/Type

Splashproof Pin & Sleeve Connectors

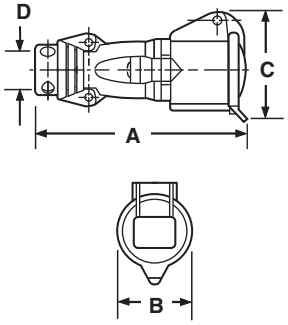
20, 30 & 60A

Pass & Seymour

legrand

Materials	20 Amp	30 Amp	60 Amp
Housing	Polyamide 6	Polyamide 6	Valox
Cover	Polyamide 66	Polyamide 66	Valox
Cover Spring	Stainless Steel	Stainless Steel	Stainless Steel
Housing Gasket	Neoprene	Neoprene	Neoprene
Back Body	Polyamide 6	Polyamide 6	Valox
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 66
Sleeves	Brass	Brass	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel
Cord Grip	Polyamide 6	Polyamide 6	Polyamide 66
Grommet	Natural Rubber	Natural Rubber	Natural Rubber
Cord Grip Screws	Stainless Steel	Stainless Steel	Stainless Steel
Assembly Screws	Stainless Steel	Stainless Steel	Stainless Steel

Amps	Wire Config.		A	B	C	D	E	F
Splashproof Connectors								
20	2 Pole, 3 Wire	inch	5.79	2.15	2.91	.31-.59		
	3 Pole, 4 Wire	inch	5.94	2.42	3.19	.31-.59		
	4 Pole, 5 Wire	inch	6.77	2.73	3.54	.39-.71		
30	2 Pole, 3 Wire	inch	6.97	2.80	3.66	.39-.71		
	3 Pole, 4 Wire	inch	6.97	2.80	3.66	.47-.87		
	4 Pole, 5 Wire	inch	7.20	3.05	3.94	.47-.87		
60	2 Pole, 3 Wire	inch	10.75	3.78	4.67	.63-1.04		
	3 Pole, 4 Wire	inch	10.75	3.78	4.67	.73-1.14		
	4 Pole, 5 Wire	inch	10.75	3.78	4.67	.80-1.26		



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Splashproof Pin & Sleeve Inlets
20, 30 & 60A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS460B7-S
Description: Inlet, Power Supply
Type: 3 Pole, 4 Wire Grounding
Rating: 60A, 3 Phase 480VAC
Configuration: IEC 309-2, Clock Position 7, Splashproof (IP44)
3rd Party Compliance: UL Listed to UL Standard 1682; CSA Certified to CSA 22.2 No. 182.2; UL Classified to IEC 309-1 and IEC 309-2

Amps	Poles & Wires	Config. Plug/ Inlet	Voltage/ Color Coding	Catalog Number
20	❒2P3W		125	PS320B4S
20	❒2P3W		250	PS320B6S
20	❒2P3W		480	PS320B7S
20	❒2P3W		277	PS320B5S
20	❒3P4W		125/250	PS420B12S
20	❒3P4W		3ø250	PS420B9S
20	❒3P4W		3ø480	PS420B7S
20	❒3P4W		3ø600	PS420B5S
20	❒4P5W		3øY120/208	PS520B9S
20	❒4P5W		3øY277/480	PS520B7S
20	❒4P5W		3øY347/600	PS520B5S
30	❒2P3W		125	PS330B4S
30	❒2P3W		250	PS330B6S
30	❒2P3W		480	PS330B7S
30	❒3P4W		125/250	PS430B12S
30	❒3P4W		3ø250	PS430B9S
30	❒3P4W		3ø480	PS430B7S
30	❒3P4W		3ø600	PS430B5S
30	❒4P5W		3øY120/208	PS530B9S
30	❒4P5W		3øY277/480	PS530B7S
30	❒4P5W		3øY347/600	PS530B5S
60	❒2P3W		125	PS360B4S
60	❒2P3W		250	PS360B6S
60	❒2P3W		480	PS360B7S
60	❒3P4W		125/250	PS460B12S
60	❒3P4W		3ø250	PS460B9S
60	❒3P4W		3ø480	PS460B7S
60	❒3P4W		3ø600	PS460B5S
60	❒4P5W		3øY120/208	PS560B9S
60	❒4P5W		3øY277/480	PS560B7S
60	❒4P5W		3øY347/600	PS560B5S

Performance

Electrical

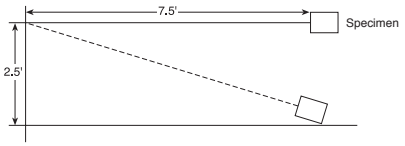
Dielectric Voltage Withstand	3000V maximum
Maximum Working Voltage	600 RMS
Current Interrupting	Certified for current interrupting at full-rated current
Temperature Rise	Maximum 30°C temperature rise at full-rated current after 50 cycles of 150% overload (at 0.75 to 0.80 power factor)
Endurance	20 Amp: 5000 cycles with full-rated current and voltage 30, 60 & 100 Amp: 2000 cycles with full-rated current and voltage applied on every other cycle

Mechanical

Impact Resistance	Device dropped 8 times from a height of 2.5 feet with 7.5 feet of cord attached (per CSA 182.1)
Cord Grip Retention	

	Force, Lbs.*	Torque, Ft. lbs.*
20A	30	.4
30A	75	.5
60A	150	1
100A	150	1

*Applied to minimum recommended cable size



Cord Accommodation	Round portable service cords. Diameters commensurate with the device rating as defined in UL62, CSA C22.2, No. 49, and the harmonized (HAR) European Standard
Terminal Identification	Identified in accordance with North American convention, UL1682, and IEC 309-1, 309-2
Product Identification	Identification and ratings are labeled on the device housing

Environmental

Moisture Resistance	Watertight per IEC 309-1.
Flammability	Contact with live parts: V2 or V0. Enclosure: HB or better per UL94
Operating Temperature	+80°C maximum continuous, -50°C minimum without impact

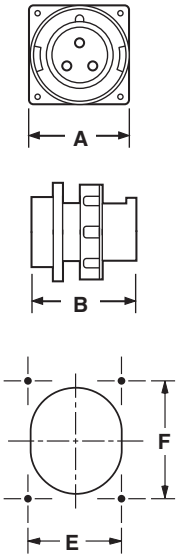
Project

Location/Type

Pass & Seymour
legrand

Materials	20 Amp	30 Amp	60 Amp
Housing	Polyamide 6	Polyamide 6	Valox
Mounting Flange	Polyamide 6	Polyamide 6	Valox
Mounting Gasket	Neoprene	Neoprene	Neoprene
Contact Carrier	Polyamide 6	Polyamide 6	Polyamide 6
Pins	Brass	Brass	Brass with Nickel Plate
Terminal Screws	Zinc-Plated Steel	Zinc-Plated Steel	Zinc-Plated Steel

Amps	Wire Config.		A	B	C	D	E	F
Splashproof Inlets								
20	2 Pole, 3 Wire	inch	2.83	3.07			2.44	3.70
	3 Pole, 4 Wire	inch	3.70	3.39			3.27	4.29
	4 Pole, 5 Wire	inch	3.70	3.39			3.27	4.29
30	2 Pole, 3 Wire	inch	3.98	4.37			3.54	5.86
	3 Pole, 4 Wire	inch	3.98	4.37			3.54	5.86
	4 Pole, 5 Wire	inch	3.98	4.25			3.54	5.86
60	2 Pole, 3 Wire	inch	4.50	4.25			3.03	3.35
	3 Pole, 4 Wire	inch	4.50	4.25			3.03	3.35
	4 Pole, 5 Wire	inch	4.50	4.25			3.03	3.35



Project
Location/Type

Pass & Seymour

legrand

Technical Specifications

Watertight Pin & Sleeve Non-Fusible Mechanical Interlock

20, 30, 60 & 100A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS560MIR5W
Description: Non-Fusible Pin & Sleeve Mechanical Interlock
Electrical Type: 3 Pole + Neutral + Earth
Rating: 60A, 3ø, 600VAC 15 HP standard, 40 HP maximum
Configuration: IEC Clock Position 5
Enclosure Type: NEMA 4X (watertight, hosedown), 12K (dusttight, falling dirt), IP67 suitability
Conduit Location: Top or bottom feed. Unit shipped with no holes drilled; a top and bottom feed spot drill is provided for locating hole saw or knockout. End user decides at installation whether top or bottom feed is appropriate. No closure plug kits required.

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
20	❒ PS420MIR12W	120/240VAC	1 HP @ 120V 2 HP @ 208-240V L-L
20	❒ PS420MIR9W	3ø 240VAC	5
20	❒ PS420MIR7W	3ø 480VAC	10
20	❒ PS420MIR5W	3ø 600VAC	15

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
30	❒ PS330MIR4W	120VAC	2
30	❒ PS430MIR12W	120/250VAC	2 @ 120V 3 @ 208-240V L-L
30	❒ PS430MIR9W	3ø 240VAC	7.5
30	❒ PS430MIR7W	3ø 480VAC	15
30	❒ PS430MIR5W	3ø 600VAC	20
30	❒ PS430MIR3W	380/440VAC	15
30	❒ PS530MIR9W	3øY 120/208VAC	5
30	❒ PS530MIR7W	3øY 277/480VAC	15
30	❒ PS530MIR5W	3øY347/600	20

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
60	❒ PS360MIR6W	240VAC	7.5 @ 208-240V
60	❒ PS360MIR7W	480VAC	
60	❒ PS460MIR12W	120/240VAC	3 @ 120V 7.5 @ 208-240VAC L-L
60	❒ PS460MIR9W	3ø 240VAC	15
60	❒ PS460MIR7W	3ø 480VAC	30
60	❒ PS460MIR5W	3ø 600VAC	40
60	❒ PS560MIR9W	3øY 120/208VAC	15
60	❒ PS560MIR7W	3øY 277/480VAC	30
60	❒ PS560MIR5W	3øY 347/600VAC	40

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
100	❒ PS3100MIR6W	240VAC	10 @ 208V 15 @ 240V
100	❒ PS3100MIR7W	480VAC	30
100	❒ PS4100MIR5W	3ø 600VAC	50
100	❒ PS4100MIR7W	3ø 480VAC	50
100	❒ PS4100MIR9W	3ø 240VAC	25
100	❒ PS4100MIR12W	120/240VAC	5 @ 120V 10 @ 208V L-L 15 @ 240V L-L
100	❒ PS5100MIR5W	3øY 347/600VAC	50
100	❒ PS5100MIR7W	3øY 277/480VAC	50
100	❒ PS5100MIR9W	3øY 120/208VAC	20

Project	
Location/Type	

Technical Specifications
Watertight Pin & Sleeve Non-Fusible Mechanical Interlock
20, 30, 60 & 100A

Pass & Seymour
legrand

Materials

Enclosure Cover	Valox 357®
Enclosure Base	Valox 357®
Enclosure Gasket	Neoprene
Switch Handle	Valox 357®
Switch Handle Seal	Neoprene
Shaft	Brass
Gear Mechanism	1/8" Zinc-Plated Steel
Locktab	10% Glass-Filled Nylon
Switch Key	10% Glass-Filled Nylon
Mounting Feet	Valox 357®
Mounting Feet Screws	300 Series Stainless Steel
Enclosure Assembly Screws	300 Series Stainless Steel
Enclosure Assembly Inserts	Brass
Receptacle Lid	Valox 357®
Receptacle Gasketing	Neoprene
Receptacle Lid Hinge Spring	300 Series Stainless Steel
Receptacle Contact Carrier	Polyamide 6
Receptacle Sleeves	Brass/Nickel-Plate
Receptacle Terminal Screws	Zinc-Plated Steel
Grounding Plate	Zinc-Plated Steel
Cover Chain	300 Series Stainless Steel
Conduit Hub	Aluminum/Zinc 20/30 amp shipped with one (1) 1" 60 amp shipped with one (1) 1¼" 100 amp shipped with one (1) 1½" (will also fit a 2" hub, not provided)

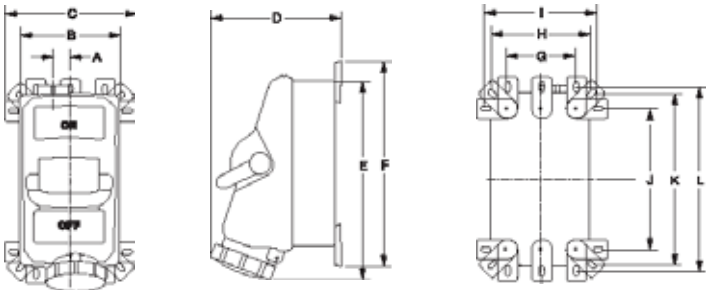
Performance

Electrical	
Dielectric Voltage Withstand	3000V minimum
Maximum Working Voltage	600V RMS
Current Interrupting	Listed for current interrupting at full-rated current and voltage
Short Circuit Withstand Rating	For use on circuit capable of delivering not more than 10,000 RMS amps at receptacle voltage rating
Operations	Mechanical: 15,000 cycles Electrical: 10,000 cycles
Auxiliary Contacts	10A @ 600V 1 N.O. & 1 N.C.
Mechanical	
Impact Resistance	Per UL746C
Terminal Identification	Per UL, CSA, and IEC specifications
Product Identification	Identification and rating on external and internal labels
Mounting	External adjustable feet with five (5) positions. Can be mounted directly to channel or strut (no washer required)
Environmental	
Moisture Resistance	Per UL50, section 35, NEMA Enclosure Type 4X (watertight, hosedown) Per UL50, section 35, NEMA Enclosure Type 12K (dusttight, falling dirt) IP67 suitability
Flammability	UL94 5VA and VO Classification
Operating Temperature	Maximum continuous: +60°C Minimum continuous: -50°C without impact
UV Resistance	All enclosure materials are UV stable

Non-Fusible Mechanical Interlock Dimensions

Amps	A	B	C	D	E	F	G	H	I	J	K	L
20	1.38	6.88	9.13	8.00	12.38	11.06	4.75	6.88	7.75	8.00	10.13	11.00
30	1.38	6.88	9.13	8.25	12.38	11.50	4.75	6.88	7.75	8.00	10.13	11.00
60	1.19	6.88	9.13	9.00	13.63	14.13	4.75	6.88	7.75	9.75	11.88	12.75
100	1.19	6.88	9.13	9.50	14.13	14.13	4.75	6.88	7.75	9.75	11.88	12.75

All measurements shown in inches.



(See dimensions above.) Front Side Back

Project
Location/Type

Pass & Seymour

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Technical Specifications
Occupancy Sensors

General Specifications

1. Occupancy sensors shall control lighting and/or HVAC in the sensed area only.
2. Controlled lighting and/or HVAC zones shall not be larger than 2500 sq. ft.
3. The contractor shall be responsible for a complete, operable system, and installation should be warranted for a period of one year after acceptance.
4. The product shall be warranted for a period of (5) five years for wall switch sensors, ceiling sensors, and power packs.
5. Occupancy sensors shall be installed as per manufacturer's recommendations.
6. Specific low-voltage wire surface routing shall be approved by the facilities engineer.
7. Sensor and control unit manufacturer must have experience in the lighting and/or HVAC controls industry equal to a minimum of (5) five years with a minimum of (5) five similar projects.
8. Contractor shall be responsible for contacting the manufacturer for proper placement and adjustment of sensor.

Wall Box Switches

WSP200, OS300S, OSR300S Features & Benefits	
Zero Crossing	This feature ensures the closing of the contacts as close to 0° as possible, extending the life of the relay contacts, and limiting the effect of inrush current from some electronic ballasts.
ASIC Chip	Application Specific Integrated Component chip is a custom-designed microprocessor that improves reliability and boosts immunity to RFI and EMI.
30 sec. - 30 min. Time Delay	Such a large range allows users to adjust time delay to fit the application and ensure maximum savings without compromising convenience.
180° Coverage	Provides detection even along the wall it is mounted on.
Maximum Rating	Allows for the combining of potential savings with room size. Wall switches that offer too much wattage handling capacity are used in larger rooms where ceiling sensors should be used, compromising the reliability of the installation.
Self-Adaptive	On the OS units only: Units automatically adjust the delay time by monitoring room usage patterns. No user adjustment required, automatically sets delay time for most efficient use of energy.
2 relays for bi-level switching	The OSR300S is designed for areas with two lighting zones or bi-level lighting applications.
Adjustable Sensitivity	Enables the installer or user to adjust the sensitivity level to suit the application.
Voltage Drop Protection	Protects the electronics to ensure long-term performance.
Five-Year Warranty	Allows installer or user to receive a replacement or refund if a sensor is found to be defective within 5 years of purchase.

Wall- and Ceiling-Mount Sensors

Feature	WA1001	HS1001	CS500/CS1200	CSU600/1100/2200	CSD1000
Technology	Passive Infrared	Passive Infrared	Passive Infrared	Ultrasonic*	Dual-Technology
Coverage Pattern	Wide Angle	Long Range	360°	360°	360°
Mounting Method	Wall or Ceiling	Wall or Ceiling	Ceiling	Ceiling	Ceiling
Adjustable Sensitivity	Yes	Yes	Yes	Yes	Yes
Viewing Range	1200 sq. ft.	90 x 20 ft.	500/1200 sq. ft.	600/1100/2200 sq. ft.	1000 sq. ft.
Fresnel Lens**	Yes	Yes	Yes	N/A	Yes
ASIC†	Yes	Yes	Yes	Yes	Yes
5-Year Warranty	Yes	Yes	Yes	Yes	Yes

* Provides occupancy detection around obstacles.
** Dual tech has both Ultrasonic and PIR Fresnel lens.
† Improves reliability and boosts immunity to RFI and EMI.

Power Packs & Add-A-Relay

PWP2120, PWP2277 & AR120/277 Features			
Load Rating at 120V	20A Ballast 13A Incandescent	Mounting Method	1/2" Knockout
Load Rating at 277V	20A Ballast	Sized to Fit into Approved Enclosure for Plenum Applications	Yes
Add-A-Relay Rating at 120V	20A Ballast 13A Incandescent	Teflon-Coated Leads	Yes
Add-A-Relay Rating at 277V	20A Ballast	Five Year Warranty	Yes
HP Rating	1HP		
Output Rating*	24VDC; 150mA		

* PWP unit only.

Project
Location/Type

Technical Specifications
PIR Wall Switch – WSP200, OS300S, OSR300S

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Typical Specifications

Wall switch occupancy sensors shall be cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. Sensors shall be self-contained and fit in a standard wall box. Sensors shall be capable of detecting changes in the infrared background caused by motion. Sensors shall be capable of switching incandescent and fluorescent lighting loads on and off. Sensors shall use optics that operate with a 180° field of view. The wall switch occupancy sensor shall be equipped with controls to adjust sensitivity and ambient light threshold. The sensor shall also offer a time-delay adjustment from 30 seconds to 30 minutes, as well as an override. Conforms to NEMA WD-1 and WD-6.

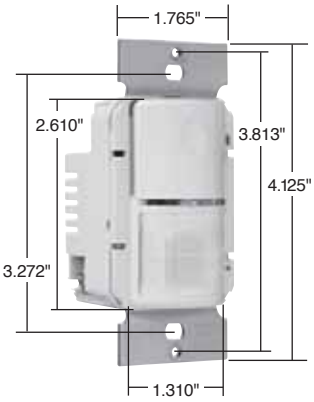
Catalog Number	Description
❒ WSP200	Passive Infrared Wall Switch
❒ OS300S	Self-Adaptive Passive Infrared Occupancy/Vacancy Sensor
❒ OSR300S	Dual-Relay Self-Adaptive Passive Infrared Occupancy/Vacancy Sensor

Performance

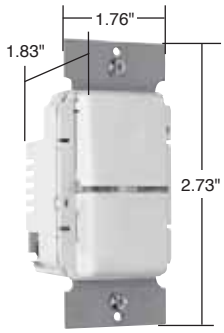
Electrical	
Supply Voltage	120/277 Volt AC 60 Hz
Maximum Load	800W Incandescent/Fluorescent at 120V 1/4 HP 1200W Fluorescent at 277V
Minimum Load	None
AC Switching	WSP200, OS300S: Normally Open Relay, Zero Crossing Circuitry OSR300S: 2 Normally Open Relays, Zero Crossing Circuitry
Sensor	
Technology	WSP200: Passive Infrared OS300S, OSR300S: Self-Adaptive Passive Infrared
Time Delay	WSP200: Adjustable 30 sec. to 30 min. OS300S, OSR300S: Adjustable 5 min. to 30 min.
Light Level Adjustment	WSP200: Adjustable from full daylight to 10 foot-candles OS300S, OSR300S: 8-180 fcs
Sensitivity Adjustment	WSP200: 20% to 100% OS300S, OSR300S: Self-Adaptive and Fixed Low
Spectral Response	WSP200: 6 to 14 μm OS300S: 7 to 14 μm OSR300S: 8 to 14 μm
Field of View	Horizontal: 180° Vertical: 2° and 8.6° down from the center
Indicator Light	Red LED flashes when motion is detected
Lens Type	Two-tier lens
Walk-through Mode	WSP200: No; OS300S, OSR300S: Yes
Audible Alert	WSP200: No; OS300S, OSR300S: Yes
Test Mode	WSP200: No; OS300S, OSR300S: Yes
Environmental	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UV-resistant plastic
Color(s)	WSP200: Ivory, White, Gray, Light Almond OS300S, OSR300S: Ivory, White, Gray, Light Almond
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Pages M-8, M-9, and M-10.

Project
Location/Type



WSP200-LA



OS300SW

OSR300SW

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Technical Specifications
PIR Wide Angle Sensor – WA1001

WA1001

Typical Specifications

Wide angle motion sensors shall be cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. Sensors shall be ceiling or wall mount type, capable of detecting infrared emissions from personnel movement, and switching lighting and HVAC systems on and off based on occupancy. Wide angle motion sensor switch shall make use of optics that operate within an 88° field of view, offering a typical coverage of up to 1200 sq ft. Mounting shall be wall or ceiling. Motion sensor switch must be used in conjunction with the PWP120 (120VAC supply) or PWP277 (277VAC supply) switching modules, and capable of handling additional loads with the support of an Add-A-Relay AR120/277. Also, the sensor shall offer a time delay adjustment from 15 seconds to 30 minutes, as well as an override. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description
❒ WA1001	Passive Infrared Wall/Ceiling Sensor

Performance

Electrical	
Supply Voltage	+ 24VDC Typical
Minimum Supply Voltage	+ 20VDC
Maximum Supply Voltage	+ 30VDC
Sensor Output	+ 24VDC for external relay DC coil drive Maximum Output Current: 100mA DC
Sensor	
Technology	Passive Infrared
Time Delay	Adjustable 15 sec. to 30 min.
Light Level Adjustment	No
Sensitivity Adjustment	14% to 100%
Spectral Response	6 to 14 μm
Field of View	88°
Coverage	Up to 1200 sq. ft.
Indicator Light	Red LED flashes when motion is detected
Lens Type	Four horizontal layers
Environment	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UV-resistant plastic
Color	White
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Page M-11.

Project
Location/Type

Technical Specifications
PIR Hallway Sensor – HS1001

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Typical Specifications

Hallway motion sensors shall be cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. Sensors shall be ceiling or wall mount type, capable of detecting infrared emissions from personnel movement, and switching lighting and HVAC systems on and off based on occupancy. Hallway motion sensor switches shall make use of optics that operate within field of view 90 feet long by 20 feet wide. Mounting shall be wall or ceiling. Motion sensor switch must be used in conjunction with the PWP120 (120VAC supply) or PWP277 (277VAC supply) switching modules, and capable of handling additional loads by including the support of an Add-A-Relay AR120/277. Also, the sensor shall offer a time delay adjustment from 15 seconds to 30 minutes, as well as an override. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description
❒ HS1001	Passive Infrared Wall/Ceiling Sensor for hallway applications

HS1001

Performance

Electrical	
Supply Voltage	+ 24VDC Typical
Minimum Supply Voltage	+ 20VDC
Maximum Supply Voltage	+ 30VDC
Sensor Output	+ 24VDC for external relay DC coil drive Maximum Output Current: 100mA DC
Sensor	
Technology	Passive Infrared
Time Delay	Adjustable 15 sec. to 30 min.
Light Level Adjustment	No
Sensitivity Adjustment	14% to 100%
Spectral Response	6 to 14 μm
Field of View	13°
Coverage	90 linear feet typical
Indicator Light	Red LED flashes when motion is detected
Lens Type	Two horizontal layers
Environment	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UV-resistant plastic
Color	White
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Page M-11.

Project
Location/Type

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Technical Specifications
PIR Occupancy Ceiling Sensors – CS500, CS1200

CS500
CS1200

Typical Specifications

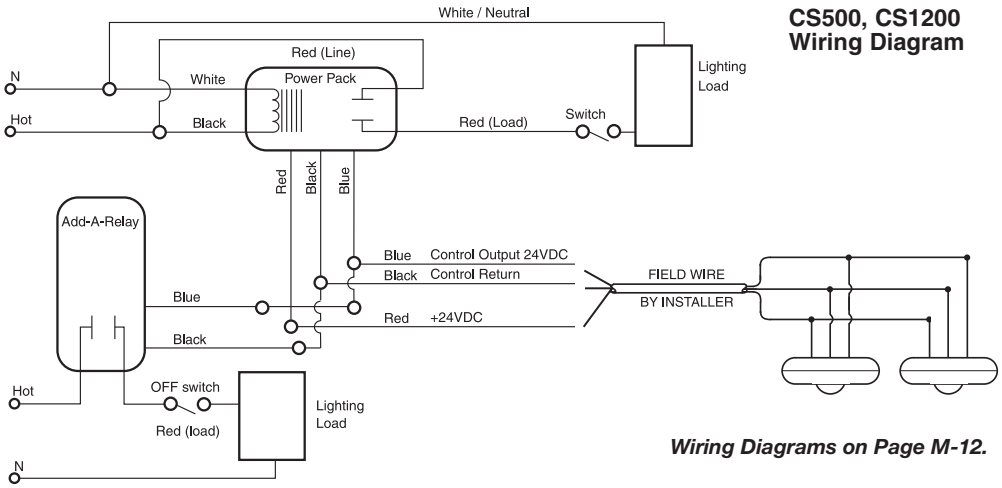
Motion sensor switches shall be cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. Sensors shall be ceiling mount type, capable of detecting infrared emissions from personnel movement and switching incandescent and fluorescent lighting loads on and off. Motion sensor switches shall make use of optics that operate within a 110° field of view. Motion sensors may be mounted in a drop ceiling, solid ceiling, or wall. Motion sensor switch must be used in conjunction with the PWP120 (120VAC supply) or PWP277 (277VAC supply) switching modules, and capable of handling additional loads with the support of an Add-A-Relay AR120/277. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description
❒ CS500	Ceiling Sensor , 500 sq. ft.
❒ CS1200	Ceiling Sensor , 1200 sq. ft.

Performance

Electrical	
Supply Voltage	+ 24VDC Typical
Minimum Supply Voltage	+ 20VDC
Maximum Supply Voltage	+ 30VDC
Sensor Output	+ 24VDC for external relay DC coil drive Maximum Output Current: 100mA DC
Sensor	
Technology	Passive Infrared
Time Delay	15 sec. to 30 min.
Light Level Adjustment	No
Sensitivity Adjustment	Yes
Spectral Response	6 to 14 µm
Field of View	110° Vertical, 360° Horizontal
Coverage	Up to 900 sq. ft.
Indicator Light	Red LED flashes when motion is detected
Lens Type	Multi-zone fresnel type
Environment	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UV-resistant plastic
Color	White
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

CS500, CS1200 Wiring Diagram



Wiring Diagrams on Page M-12.

Project

Location/Type

Technical Specifications
Ultrasonic Ceiling Sensors – CSU600, CSU1100, CSU2200

Pass & Seymour
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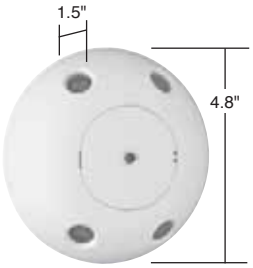
Typical Specifications

Ultrasonic motion sensors shall b e cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. Sensors shall be ceiling or wall mount ceiling mount type, capable of detecting motion from personnel movement, and switching lighting and HVAC systems on and off based on occupancy. Ultrasonic motion sensor switches shall use a multi-directional transmitter/receiver system to broadcast ultrasonic 32 kHz sound waves generated by a quartz oscillator. The ultrasonic motion sensor switch must be used in conjunction with PWP2120 (120VAC supply) or PWP2277 (277VAC supply) switching modules, and capable of handling additional loads by including the support of an Add-A-Relay AR120/277. Also, the sensor shall offer a time delay adjustment from 15 seconds to 30 minutes, as well as an override. Conforms to NEMA WD-1 and WD-6.

CSU600



CSU1100
CSU2200

Catalog Number	Description
❒ CSU600	Ultrasonic Ceiling Sensor
❒ CSU1100	Ultrasonic Ceiling Sensor
❒ CSU2200	Ultrasonic Ceiling Sensor

Performance

Electrical	
Supply Voltage	+ 24VDC Typical
Minimum Supply Voltage	+ 20VDC
Maximum Supply Voltage	+ 30VDC
Sensor Output	+ 24VDC for external relay DC coil drive Maximum Output Current: 100mA DC
Sensor	
Technology	Ultrasonic
Time Delay	Adjustable 15 sec. to 30 min.
Light Level Adjustment	No
Sensitivity Adjustment	14% to 100%
Frequency	32 kHz +/- 4 Hz
Coverage	Up to 600/1100/2200 sq. ft.
Indicator Light	Red LED flashes when motion is detected
Sensor Type	Multidirectional transmitter/receiver with quartz oscillator
Environment	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UV-resistant plastic
Color	White
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Page M-13.

Project
Location/Type

Pass & Seymour

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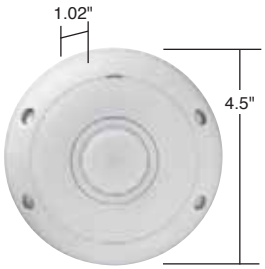
Technical Specifications
Dual-Technology Ceiling Sensor – CSD1000



CSD1000

Typical Specifications

The P&S CSD1000 Dual Technology Ceiling Sensor shall be cULus Listed, and California Title 24 Compliant as provided by Pass & Seymour/Legrand. The sensor shall detect occupancy in the control area by detecting Doppler shifts in transmitted ultrasound and passive infrared heat changes. Detection verification of both technologies must occur in order to activate lighting systems. Upon verification, detection by either shall hold lighting on. Unit shall be white, ceiling mounted with a flat, unobtrusive appearance and provide 360° coverage. CSD1000 sensor shall operate at 24 VDC/VAC and utilize a P&S power pack. For additional loads use the P&S Add-A-Relay Pack. Sensor shall have a time delay that is adjustable from 15 seconds to 30 minutes, set by DIP switch. Each sensing technology shall have an LED indicator that remains active at all times in order to verify detection within the area to be controlled. Sensor shall have standard 5 year warranty. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description
❒ CSD1000	Dual-Technology Ceiling Sensor

Performance

Electrical	
Supply Voltage	+ 24VDC Typical
Sensor output	+ 24VDC for external relay DC coil drive
Current Consumption	35mA
Sensor	
Technology	Ultrasonic and Passive Infrared
Time Delay	15 seconds to 30 minutes
Ultrasonic Sensitivity Adjustment	Min to max (trim pot)
Passive Infrared Sensitivity Adjustment	30% to 100% (dip switches)
Frequency	40 kHz
Ultrasonic Coverage	1076 sq. ft. (100 sq. m)
Passive Infrared Coverage	1290 sq. ft. (120 sq m)
Indicator Lights	Red and Green LEDs
Environment	
Temperature Range	32° to 131°F (0° to 55°C)
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Material	Thermoplastic, UV-resistant plastic
Color	White
Mounting	Mounting hardware for acoustic ceiling tile and keyhole mounting template included
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Page M-14.

Project
Location/Type

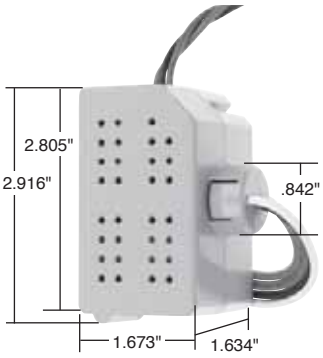
Technical Specifications
Power Packs – PWP2120 & PWP2277
Add-A-Relay – AR120/277

Pass & Seymour
legrand

Typical Specifications

Switching modules shall be cULus Listed as provided by Pass & Seymour/Legrand. Switching modules shall contain a 24VAC transformer, a full wave bridge rectifier, and a 24VDC coil-isolated relay capable of handling both incandescent and fluorescent lighting loads as well as inductive loads. Normal current consumption for the relay shall be 36mA, and the coil resistance shall be 660 Ohms. The transformer input shall be 120VAC (PWP2120) or 277VAC (PWP2277); output shall be 24VDC, with a maximum current of 150mA. Power Packs shall have Teflon-coated wire leads for use in plenum ceilings.

Add-A-Relay modules shall be UL and CUL Listed as provided by Pass & Seymour/Legrand. Add-A-Relay modules shall contain a 24VDC coil-isolated relay capable of handling both incandescent and fluorescent lighting loads as well as inductive loads. Nominal current consumption for the relay shall be 36mA, and the coil resistance shall be 660 Ohms. Add-A-Relay modules shall have Teflon-coated wire leads for use in plenum ceilings. Conforms to NEMA WD-1 and WD-6.



PWP2120
PWP2277
AR120/277

Catalog Number	Description
❒ PWP2120	Power Pack (120V)
❒ PWP2277	Power Pack (277V)
❒ AR120/277	Add-A-Relay (120V or 277V)

Performance

Transformer (PWP2120 & PWP2277 only)	
Supply Voltage	PWP2120: 120 Volt AC 60 Hz PWP2277: 277 Volt AC 60 Hz
Output	24VDC Maximum Current: 150mA
Relay	
Type	Normally Open
Control Input:	
Nominal Current	36mA
Coil Resistance	660 Ohms
Nominal Voltage	24VDC
Maximum Voltage	28.8VDC
Minimum Voltage	18VDC
AC Load Output:	
Incandescent	13 Amp Max. (120V, 60 Hz only)
Fluorescent	20 Amp Max. (120V, 60 Hz or 277V, 60 Hz)
Motor Load	1 HP (120V, 60 Hz only)
Environment	
Temperature Range	0°C to 35°C
Non-condensing Relative Humidity	20 to 90%
Mechanical	
Enclosure Material	Thermoplastic, UL flame class rating 94 V2
Color	Gray
Third Party Compliance	cULus Listed – UL508 and C22.2 No. 14 California Title 24 Compliant

Wiring Diagrams on Page M-15.

Project
Location/Type

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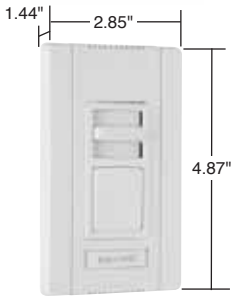
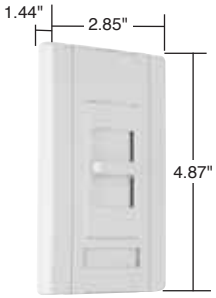
Technical Specifications
Titan™ Series Incandescent & Magnetic Low-Voltage

TITLE 24 ENERGY SAVER

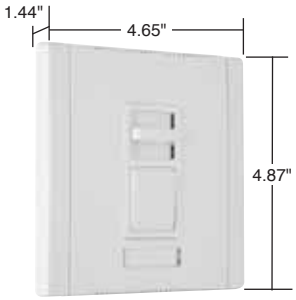


CD703PW
Narrow



CD1100W
Narrow

CD1603PW
Wide



CDLV1103PW
Wide

Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand CD700
Description: Incandescent Dimmer
Type: Single Pole
Rating: 120V, 700W
3rd Party Compliance: cULus Listed, File Number E95219 Standard UL1472 Solid State Dimming Controls, Standard C22.2 No. 184-1; File Number E109655 Standard UL1917 Solid State Fan Controls, Standard C22.2 No. 156. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description	Ratings	Narrow or Wide
❒ CD700	Single Pole, Slide-to-OFF	120V, 700W	Narrow
❒ CD703P	Single Pole/3-Way, Preset	120V, 700W	Narrow
❒ CD1100	Single Pole, Slide-to-OFF	120V, 1100W	Narrow
❒ CD1103P	Single Pole/3-Way, Preset	120V, 1100W	Narrow
❒ CD1600	Single Pole, Slide-to-OFF	120V, 1600W	Wide
❒ CD1603P	Single Pole/3-Way, Preset	120V, 1600W	Wide
❒ CD2000	Single Pole, Slide-to-OFF	120V, 2000W	Wide
❒ CD2003P	Single Pole/3-Way, Preset	120V, 2000W	Wide
❒ CDLV700	Single Pole, Slide-to-OFF	120V, 700W	Narrow
❒ CDLV703P	Single Pole/3-Way, Preset	120V, 700W	Narrow
❒ CDLV1100	Single Pole, Slide-to-OFF	120V, 1100W	Narrow
❒ CDLV1103P	Single Pole/3-Way, Preset	120V, 1100W	Narrow
❒ CDLV1600	Single Pole, Slide-to-OFF	120V, 1600W	Wide
❒ CDLV1603P	Single Pole/3-Way, Preset	120V, 1600W	Wide

Performance

Electrical	
Supply Voltage	120VAC 60Hz
Maximum Load	Up to rating of device (including derating)
Environment	
Ambient Temperature	Between 0° and 40°C
Humidity	Less than 95% non-condensing
Mechanical	
Aluminum Heat Sink	Thermoplastic enclosure, wall plate, and ganging parts

Materials

Back Body	Thermoplastic	Spacers	Thermoplastic
Front Body	Thermoplastic	Heat Sink/Strap	Aluminum
Wall Plate	Thermoplastic	Screws	Plated Steel
End Caps	Thermoplastic		

Project
Location/Type

Pass & Seymour
legrand

TITLE 24 ENERGY SAVER

De-Rating for Multi-Gang Installations

Dimmer Catalog No.	1-Gang Installation	Fins: NOT Removed		Fins: Removed	
		2-Gang Installation	3- or More Gang Installation	2-Gang Installation	3- or More Gang Installation
CD700	700W	700W	700W	700W	700W
CDLV700	700VA	700VA	700VA	700VA	700VA
CD703P	700W	700W	700W	700W	700W
CDLV703P	700VA	700VA	700VA	700VA	700VA
CD1100	1100W	1100W	1000W	1000W	900W
CDLV1100	1100VA	1100VA	1000VA	1000VA	850VA
CD1103P	1100W	1100W	1000W	1000W	950W
CDLV1103P	1100VA	1100VA	1000VA	1000VA	850VA
CD1600	1600W	1600W	1600W	1600W	1550W
CDLV1600	1600VA	1600VA	1600VA	1600VA	1550VA
CD1603P	1600W	1600W	1600W	1600W	1550W
CDLV1603P	1600VA	1600VA	1600VA	1600VA	1550VA
CD2000	2000W	2000W	2000W	—	—
CD2003P	2000W	2000W	2000W	—	—

Wall box gang requirements

1. Choose fin style (not removed or removed).
2. Select the column for the number of narrow dimmers to be installed.
3. Select the row for the number of wide dimmers to be installed.
4. The number at the intersection of the selected column and row indicates the number of wall box gangs required.

FINS: NOT Removed							
Wide Dimmers	Narrow Dimmers						
	0	1	2	3	4	5	6
0	0	1	1+1*	4	4+1*	7	7+1*
1	1	3	5	6	8	9	11
2	4	5	7	8	10	11	13
3	6	8	9	11	12	14	15
4	9	10	12	13	15	16	
5	11	13	14	16			
6	14	15					

*Refer to instruction sheets for exact placement of boxes for even number of narrow dimmers.

FINS: Removed							
Wide Dimmers	Narrow Dimmers						
	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	4	5	6	7	8	9
3	5	6	7	8	9	10	11
4	7	8	9	10	11	12	13
5	9	10	11	12	13	14	15
6	11	12	13	14	15	16	17

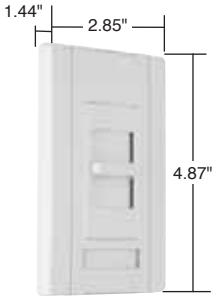
Project
Location/Type

Pass & Seymour

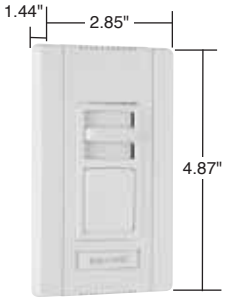
legrand

Technical Specifications
Titan™ Series Fluorescent 2 Wire

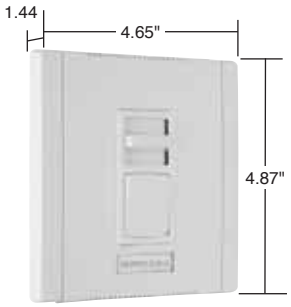
TITLE 24 ENERGY SAVER



CDFB5W
Narrow



CDFB53PW
Narrow



CDFB103PW
Wide

Typical Specifications

Manufacturer's Identification: Pass and Seymour Legrand CDFB5

Description: Fluorescent Dimmer

Type: Single Pole 2 Wire

Rating: 5A, 120V

3rd Party Compliance: cULus Listed, File Number E95219 Standard UL1472 Solid State Dimming Controls, Standard C22.2 No. 184-1; File Number E109655 Standard UL1917 Solid State Fan Controls, Standard C22.2 No. 156. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description	Ratings	Narrow or Wide
❒ CDFB5	2 Wire, Electronic, Single Pole, Slide-to-OFF	5A, 120V	Narrow
❒ CDFB8	2 Wire, Electronic, Single Pole, Slide-to-OFF	8A, 120V	Narrow
❒ CDFB10	2 Wire, Electronic, Single Pole, Slide-to-OFF	10A, 120V	Wide
❒ CDFB16	2 Wire, Electronic, Single Pole, Slide-to-OFF	16A, 120V	Wide
❒ CDFB7277	2 Wire, Electronic, Single Pole, Slide-to-OFF	7A, 277V	Wide
❒ CDFB10277	2 Wire, Electronic, Single Pole, Slide-to-OFF	10A, 277V	Wide
❒ CDFB53P	2 Wire, Electronic, Single Pole/3-Way, Preset	5A, 120V	Narrow
❒ CDFB83P	2 Wire, Electronic, Single Pole/3-Way, Preset	8A, 120V	Narrow
❒ CDFB103P	2 Wire, Electronic, Single Pole/3-Way, Preset	10A, 120V	Wide
❒ CDFB53P	2 Wire, Electronic, Single Pole/3-Way, Preset	16A, 120V	Wide
❒ CDFB83P	2 Wire, Electronic, Single Pole/3-Way, Preset	7A, 277V	Wide
❒ CDFB103P	2 Wire, Electronic, Single Pole/3-Way, Preset	10A, 277V	Wide

Performance

Electrical	
Supply Voltage	120VAC or 277VAC, 60Hz
Maximum Load	Up to rating of device (including derating)
Environment	
Ambient Temperature	Between 0° and 40°C
Humidity	Less than 95% non-condensing
Mechanical	
Aluminum Heat Sink	Thermoplastic enclosure, wall plate, and ganging parts

Materials

Back Body	Thermoplastic	Spacers	Thermoplastic
Front Body	Thermoplastic	Heat Sink/Strap	Aluminum
Wall Plate	Thermoplastic	Screws	Plated Steel
End Caps	Thermoplastic		

Project
Location/Type

De-Rating for Multi-Gang Installations

Dimmer Catalog No.	1-Gang Installation	Fins: NOT Removed		Fins: Removed	
		2-Gang Installation	3- or More Gang Installation	2-Gang Installation	3- or More Gang Installation
CDFB5	5A	5A	5A	5A	5A
CDFB8	8A	8A	8A	7.7A	6.3A
CDFB53P	5A	5A	5A	5A	5A
CDFB83P	8A	8A	8A	7.7A	6.3A
CDFB10	10A	10A	10A	10A	10A
CDFB16	16A	16A	16A	—	—
CDFB7277	7A	7A	7A	7A	7A
CDFB10277	10A	10A	10A	10A	10A
CDFB103P	10A	10A	10A	10A	10A
CDFB163P	16A	16A	16A	—	—
CDFB73P277	7A	7A	7A	7A	7A
CDFB103P277	10A	10A	10A	10A	10A

CDFB 2 Wire Electronic Fluorescent Dimmer Ballast Compatibility

Compatible P&S Catalog Number	Voltage	Ballast Manufacturer	Model
CDFB5 CDFB8 CDFB53P CDFB83P CDFB10 CDFB16 CDFB103P CDFB163P	120VAC 60Hz	Advance	REZ-132-SC, REZ-2S32-SC, REZ-3S32-SC, REZ-154, REZ-2554, REZ-1Q18-M2, REZ-2Q18-M2, REZ-1T42-M2, REZ-2T42-M3, REZ-1TTS40/REZ-1TTS40-SC, REZ-2TTS40/REZ-2TTS40-SC, IEZ-2S24-D, REB-2S26-M1-LS-DIM/REB-2S26-M1-BS-DIM
		Lutron	2W-T426-120-1-S, 2W-T426-120-2-S, 2W-T432-120-1-S, 2W-T432-120-2-S, 2W-T832-120-1-S, 2W-T832-120-2-S
		Sylvania/Osram	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV DIM, QTP4x32T8/UNV DIM
CDFB7277 CDFB10277 CDFB73P277 CDFB103P277	277VAC 60Hz	Advance	VEZ-132-SC, VEZ-2S32-SC, VEZ-3S32-SC, VEZ-154, VEZ2S54, VEZ-1Q18-M2, VEZ-2Q18-M2, VEZ-2T42-M3, VEZ-1TTS40/VEZ-1TTS40-SC, VEZ-2TTS40/VEZ-2TTS40-SC, IEZ-2S24-D
		Sylvania/Osram	QTP1x32T8/UNV DIM, QTP2x32T8/UNV DIM, QTP3x32T8/UNV DIM, QTP4x32T8/UNV DIM

Wall box gang requirements

1. Choose fin style (not removed or removed).
2. Select the column for the number of narrow dimmers to be installed.
3. Select the row for the number of wide dimmers to be installed.
4. The number at the intersection of the selected column and row indicates the number of wall box gangs required.

FINS: NOT Removed

Wide Dimmers	Narrow Dimmers						
	0	**1**	**2**	**3**	**4**	**5**	**6**
0	0	1	1+1*	4	4+1*	7	7+1*
1	1	3	5	6	8	9	11
2	4	5	7	8	10	11	13
3	6	8	9	11	12	14	15
4	9	10	12	13	15	16	
5	11	13	14	16			
6	14	15					

*Refer to instruction sheets for exact placement of boxes for even number of narrow dimmers.

FINS: Removed

Wide Dimmers	Narrow Dimmers						
	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	4	5	6	7	8	9
3	5	6	7	8	9	10	11
4	7	8	9	10	11	12	13
5	9	10	11	12	13	14	15
6	11	12	13	14	15	16	17

Project
Location/Type

Pass & Seymour

legrand

TITLE 24 ENERGY SAVER

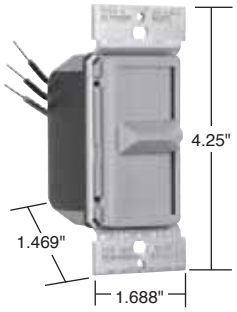
Technical Specifications
Incandescent Non-Preset Wide Slide Dimmers

120VAC, 60 Hz

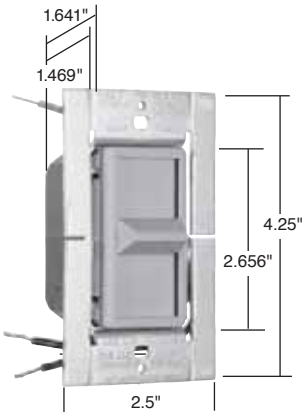
Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry that shall provide even control by means of a slide mechanism. Dimmers shall fit in standard single gang wall boxes. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load	Catalog Number	Color	Description	Rated Load
❒ 90681I	Ivory	Single Pole	600W	❒ 91181I	Ivory	Single Pole	1000W
❒ 90681W	White	Single Pole	600W	❒ 91181W	White	Single Pole	1000W
❒ 90681GRY	Gray	Single Pole	600W	❒ 91181LA	Lt. Almond	Single Pole	1000W
❒ 90681LAV	Lt. Almond	Single Pole	600W				



90681



91181

Features

- Infinite variable dimming.
- Maximum ratings are for continuous full load.
- 91181 is rated for 1000W and matched with a standard wall plate.
- 600 Watt models may be ganged without de-rating.
- Installs in NEMA standard single-gang wall boxes.

Full-ON Bypass Feature

When the dimmer is placed in the full-ON position, the dimming circuitry is bypassed by latching contacts. This feature allows for 100% lighting output and extends dimmer life.

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	(See Above) Incandescent Only
Filtering	Radio Frequency Interference Filtering
Power Applied at Full On	100%
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Output	Full On Bypass Safety Power Off Switch
Physical	
Size	One Gang
Heat Sink	Mounting Strap for 90681, 91181
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Front Cover and Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided

Project
Location/Type

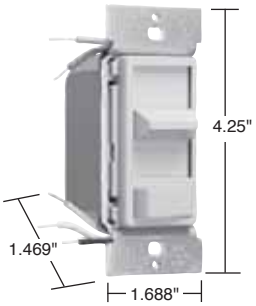
Pass & Seymour
legrand

Technical Specifications
Incandescent Preset Wide Slide Dimmers
120VAC, 60 Hz

Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry that shall provide even control by means of a slide mechanism. Preset lighting levels may be maintained by means of a separate ON/OFF switch. Dimmers shall fit in standard single gang wall boxes. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load	Catalog Number	Color	Description	Rated Load
❒ 90680I	Ivory	Single Pole	600W	❒ 91180I	Ivory	Single Pole	1000W
❒ 90680W	White	Single Pole	600W	❒ 91180W	White	Single Pole	1000W
❒ 90680GRY	Gray	Single Pole	600W	❒ 91180GRY	Gray	Single Pole	1000W
❒ 90680LAV	Lt. Almond	Single Pole	600W	❒ 91180LA	Lt. Almond	Single Pole	1000W
❒ 90683I	Ivory	Three-Way	600W	❒ 91183I	Ivory	Three-Way	1000W
❒ 90683W	White	Three-Way	600W	❒ 91183W	White	Three-Way	1000W
❒ 90683GRY	Gray	Three-Way	600W	❒ 91183GRY	Gray	Three-Way	1000W
❒ 90683LAV	Lt. Almond	Three-Way	600W	❒ 91183LA	Lt. Almond	Three-Way	1000W



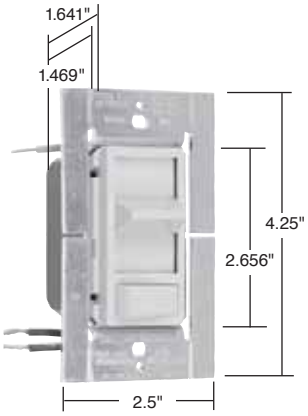
90680
90683

Features

- Infinite variable dimming.
- Maximum ratings are for continuous full load.
- Preset models include ON/OFF rocker switch that allows ON/OFF switching without disturbing preset intensity levels.
- 91180 is rated for 1000W and matched with a standard wall plate.
- 600 Watt models may be ganged without de-rating.
- Installs in NEMA standard single-gang wall boxes.

Full-ON Bypass Feature

When the dimmer is placed in the full-ON position, the dimming circuitry is bypassed by latching contacts. This feature allows for 100% lighting output and extends dimmer life.



91180
91183

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	(See Above) Incandescent Only
Filtering	Radio Frequency Interference Filtering
Power Applied at Full On	100%
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed, CSA Certified
Controls	
Output	Full On Bypass, Safety Power Off Switch
Physical	
Size	One Gang
Heat Sink	Mounting Strap for 90680, 90683, 91180, 91183
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Front Cover and Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided

Project
Location/Type

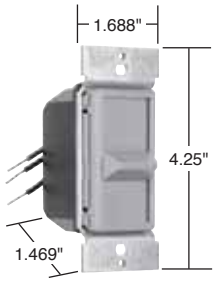
Pass & Seymour

legrand

Technical Specifications
Magnetic Low-Voltage Wide Slide Dimmers

120VAC, 60 Hz

TITLE 24 ENERGY SAVER



95681

Typical Specifications

Low-voltage dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry that shall provide even control by means of a slide mechanism. Dimmers shall fit in standard single gang wall boxes. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load	Catalog Number	Color	Description	Rated Load
❒ 95681I ❒ 95681W	Ivory White	Low-Voltage Low-Voltage	600VA max. 600VA max.	❒ 95681LA	Lt. Almond	Low-Voltage	600VA max.

Features

- Maximum ratings are for continuous full load.
- 600VA dimmers may be ganged without de-rating.
- Installs in NEMA standard single-gang wall boxes.
- Compatible with Decorator wall plates.
- RFI suppression built-in.

Full-ON Bypass Feature

When the dimmer is placed in the full-ON position, the dimming circuitry is bypassed by latching contacts. This feature allows for 100% lighting output and extends dimmer life.

Performance	
Electrical	
Voltage	120VAC 60 Hz
Rated Load	(See Above) Low-Voltage Only
Filtering	Radio Frequency Interference Filtering
Power Applied at Full On	100%
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Output	Full On Bypass Safety Power Off Switch
Physical	
Size	One Gang
Heat Sink	Mounting Strap for 95681
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only
Materials	
Front Cover and Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS
Accessories	
Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided

Project
Location/Type

Technical Specifications
Incandescent Rotary Dimmers
120VAC, 60 Hz

Pass & Seymour
legrand

TITLE 24 ENERGY SAVER

Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry giving even control by means of rotary action and positive ON/OFF switching. All dimmers shall fit standard single gang wall boxes. California Title 24 Compliant. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Description	Rated Load
❒ R600V	Rotary Dial ON/Dial OFF Incandescent Dimmer, Single Pole Rotate to OFF	600W
❒ R1000V	Rotary Dial ON/Dial OFF Incandescent Dimmer, Single Pole Rotate to OFF	1000W
❒ R600P	Rotary Preset Incandescent Dimmer, Single Pole Push ON/Push OFF	600W
❒ R603P	Rotary Preset Incandescent Dimmer, 3-Way Push ON/Push OFF	600W
❒ R1000P	Rotary Preset Incandescent Dimmer, Single Pole Push ON/Push OFF	1000W
❒ R1003P	Rotary Preset Incandescent Dimmer, 3-Way Push ON/Push OFF	1000W
❒ R600PLV	Rotary Preset Lighted Incandescent Dimmer, Single Pole Push ON/Push OFF	600W
❒ R603PLV	Rotary Preset Lighted Incandescent Dimmer, 3-Way Push ON/Push OFF	600W
❒ 90621V	Low-Profile Rotary Dimmer, Rotate to OFF	600W

R600PWV

Features

- Maximum ratings are for continuous full load.
- Push-ON/OFF rotary switch permits full-range dimming control and switching at any pre-set level.
- Excellent state-of-the-art solid-state electronic circuitry design saves energy and extends bulb life when lighting level is reduced.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, 18-gauge wire, insulation rated at 105°C.
- Thick aluminum mounting strap provides heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- May be ganged without de-rating.
- RFI protected.

R1000WV

Performance

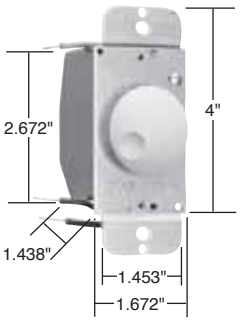
Electrical	
Voltage	120VAC 60 Hz
Rated Load	600 Watt Incandescent Only
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Range	Dial with Push On and Off
Output	Safety Power Off Switch
Physical	
Size	Single Gang, No Derating Necessary
Heat Sink	Aluminum Mounting Strap
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Unbreakable ABS
Back Body	Unbreakable ABS

Accessories

Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided



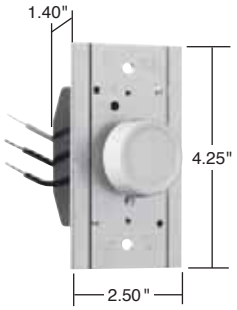
90621

Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
High Wattage Rotary Dimmers
Dial On/Off Incandescent 120VAC, 60 Hz



91101

Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry giving even control by means of rotary action and positive ON/OFF switching. All dimmers shall fit standard single gang wall boxes. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load
❒ 91101I	Ivory	Single Pole – Dial ON/OFF	1000W
❒ 91101W	White	Single Pole – Dial ON/OFF	1000W

Features

- Maximum ratings are for continuous full load.
- Dial-On/Off switch allows low-to-high operation.
- Field-adjustable low limit trim adjust.
- De-rates when ganged.
- Installs in NEMA standard single-gang wall boxes.
- 16-gauge, 600V, UL/CSA hook-up wires, multi-stranded, fray-resistant, pre-tinned, insulation rated at 105°C.
- Thick aluminum strap provides heat sink for electronic components.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Unique “no fins” heavy-duty design allows installation behind standard extra deep wall plate.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	1000 Watt Incandescent Only
Filtering	Radio Frequency Interference Filtering
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Output	Safety Power Off Switch
Physical	
Size	Gangable
Heat Sink	Wide Mounting Strap
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided

Project
Location/Type

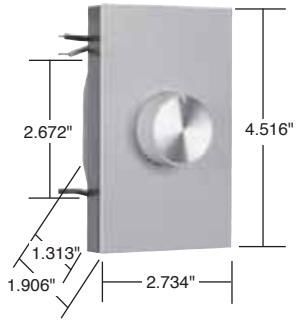
Technical Specifications
High Wattage Rotary Dimmers
Dial On/Off Incandescent 120VAC, 60 Hz

Pass & Seymour
legrand

Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry giving even control by means of rotary action and positive ON/OFF switching. All dimmers shall fit standard single gang wall boxes. Conforms to NEMA WD-1 and WD-6.

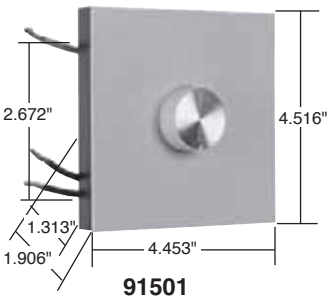
Catalog Number	Color	Description	Rated Load
❒ 91001I	Ivory	Single Pole – Dial ON/OFF	1000W
❒ 91001W	White	Single Pole – Dial ON/OFF	1000W
❒ 91501I	Ivory	Single Pole – Dial ON/OFF	1500W
❒ 91501W	White	Single Pole – Dial ON/OFF	1500W
❒ 92001I	Ivory	Single Pole – Dial ON/OFF	2000W
❒ 92001W	White	Single Pole – Dial ON/OFF	2000W



91001

Features

- Maximum ratings are for continuous full load.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, insulation rated at 105°C.
- Anodized extruded aluminum fins provide heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- De-rating required when fins are removed.
- Includes the soft-start feature on some models, to increase bulb life.



91501
92001

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	(See Above) Incandescent Only
Filtering	Radio Frequency Interference Filtering
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Output	Safety Power Off Switch
Physical	
Size	Gangable
Heat Sink	Finned Aluminum
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

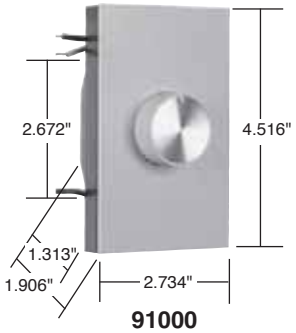
Snap-On Cover Plate	Provided
Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided
1000 Watt White Cover Plate and Knob Kit	Available: DAPK1W
1500/2000 Watt White Cover Plate and Knob Kit	Available: DAPK2W
1000 Watt Brown Cover Plate and Knob Kit	Available: DAPK1
1500/2000 Watt Brown Cover Plate and Knob Kit	Available: DAPK2
Matching Rotary Switch	Available: 90200

Project
Location/Type

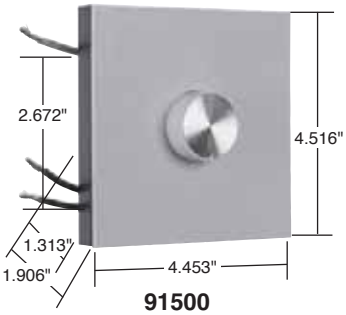
Pass & Seymour

legrand

Technical Specifications
High Wattage Rotary Dimmers
Preset Push On/Off Incandescent 120VAC, 60 Hz



91000
91003



91500
91503

Typical Specifications

Incandescent dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand Specification Grade, with full range solid-state circuitry giving even control by means of rotary action and positive ON/OFF switching. All dimmers shall fit standard single gang wall boxes. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load
❒ 91000I	Ivory	Single Pole – Preset Push ON/OFF	1000W
❒ 91000W	White	Single Pole – Preset Push ON/OFF	1000W
❒ 91003I	Ivory	Three-Way – Preset Push ON/OFF	1000W
❒ 91003W	White	Three-Way – Preset Push ON/OFF	1000W
❒ 91500I	Ivory	Single Pole – Preset Push ON/OFF	1500W
❒ 91503I	Ivory	Three-Way – Preset Push ON/OFF	1500W
❒ 91503W	White	Three-Way – Preset Push ON/OFF	1500W

Features

- Maximum ratings are for continuous full load.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, insulation rated at 105°C.
- Anodized extruded aluminum fins provide heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- De-rating required when fins are removed.

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	(See Above) Incandescent Only
Filtering	Radio Frequency Interference Filtering
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Output	Safety Power Off Switch
Physical	
Size	Gangable
Heat Sink	Finned Aluminum
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

Snap-On Cover Plate	Provided
Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided
1000 Watt White Cover Plate and Knob Kit	Available: DAPK1W
1500/2000 Watt White Cover Plate and Knob Kit	Available: DAPK2W
1000 Watt Brown Cover Plate and Knob Kit	Available: DAPK1
1500/2000 Watt Brown Cover Plate and Knob Kit	Available: DAPK2
Matching Rotary Switch	Available: 90200

Project
Location/Type

Technical Specifications
Magnetic Low-Voltage Rotary Dimmer

Magnetic Low-Voltage Rotary Strap – 120VAC, 60 Hz

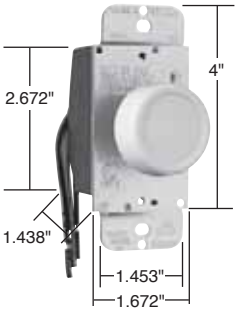
Pass & Seymour

legrand

Typical Specifications

Magnetic Low-Voltage lighting dimmer shall be UL Listed/CSA Certified Pass & Seymour/Legrand low voltage, rated 600VA max., to control the primary side of the magnetic transformer for low voltage fixtures. Dimmer shall provide even control by means of rotary action and positive ON/OFF switching. They shall be capable of maintaining a desired preset lighting level. Dimmers shall fit in standard single gang wall boxes. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load
❒ 95600I	Ivory	Preset – Push ON/OFF	600VA max.
❒ 95600W	White	Preset – Push ON/OFF	600VA max.



95600

Features

- Maximum ratings are for continuous load.
- Push-ON/OFF at any setting.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, 18-gauge wire, insulation rated at 105°C.
- Thick aluminum mounting strap provides heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	600VA Magnetic Ballast Low-Voltage Only
Filtering	Radio Frequency Interference Filtering
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed CSA Certified
Controls	
Range	Dial with Push On and Off
Output	Safety Power Off Switch
Physical	
Size	Single Gang, No Derating Necessary
Heat Sink	Aluminum Mounting Strap
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Unbreakable ABS
Back Body	Unbreakable ABS

Accessories

Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided

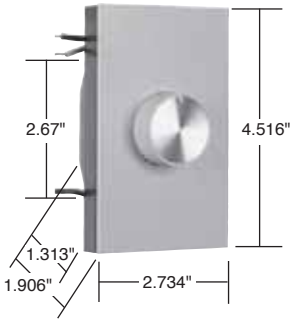
Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Magnetic Low-Voltage Rotary Dimmer

High Wattage Rotary 120VAC, 60 Hz



95100

Typical Specifications

Magnetic Low-Voltage lighting dimmer shall be UL Listed and CSA Certified Pass & Seymour/Legrand, rated at 1000 VA max., to control the primary side of the magnetic transformer for low voltage lighting fixtures. Dimmer shall provide even control by means of rotary action and positive ON/OFF switching. Dimmers shall fit in standard single wall boxes. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Color	Description	Rated Load
❒ 95100I	Ivory	Dial ON/OFF	1000VA

Features

- Maximum ratings are for continuous full load.
- Superior state-of-the-art solid-state electronic circuitry design increases energy savings and extends bulb life as lighting level is reduced.
- Field-adjustable trim control permits user to set minimum light level as desired.
- Includes line voltage compensation circuitry, to reduce changes in light level caused by line voltage fluctuation.
- 600V, UL/CSA hook-up wire, multi-stranded, fray-resistant, pre-tinned, 16-gauge wire, insulation rated at 105°C.
- Anodized extruded aluminum fins provide heat sink for electronic components.
- Installs in NEMA standard single-gang wall boxes.
- De-rating required when fins are removed for multi-gang installations.

Performance

Electrical	
Voltage	120VAC 60 Hz
Rated Load	1000VA
Filtering	Radio Frequency Interference Filtering
Construction	Printed Circuit Board for Reliability
3rd Party Compliance	UL Listed
	CSA Certified
Controls	
Output	Safety Power Off Switch
Physical	
Size	Gangable
Heat Sink	Finned Aluminum
Wiring	6" Color-Coded Leads Pre-Stripped
Environmental	
Application	Indoor Use Only

Materials

Knob	Flame Retardant UL94 V0, UV Stable Polycarbonate
Back Body	Unbreakable ABS

Accessories

Snap-On Cover Plate	Provided
Twist Wire Connectors	Provided
Installation and Operating Instructions	Provided
1000 Watt White Cover Plate and Knob Kit	Available: DAPK1W
1500/2000 Watt White Cover Plate and Knob Kit	Available: DAPK2W
1000 Watt Brown Cover Plate and Knob Kit	Available: DAPK1
1500/2000 Watt Brown Cover Plate and Knob Kit	Available: DAPK2

Project
Location/Type

Pass & Seymour
legrand

CABLING TIP

UTP Outlet Wiring Configurations

T568A

- Adopted by TIA/EIA and 11801 standards.
- Compatible with one- or two-pair USOC.
- May be used for ISDN.
- Supports Categories 3, 4, 5, 5e, and 6.

Pair ID	PIN Number
T1	5
R1	4
T2	3
R2	6
T3	1
R3	2
T4	7
R4	8

T568B

- Adopted by TIA/EIA and 11801 standards.
- Not compatible with one- or two-pair USOC.
- May be used for ISDN.
- Supports Categories 3, 4, 5, 5e, and 6.

Pair ID	PIN Number
T1	5
R1	4
T2	1
R2	2
T3	3
R3	6
T4	7
R4	8

USOC

- Available for 1-, 2-, 3-, or 4-pair systems.
- Maintains pair continuity in 6-position plugs configured with one, two, or three pairs.
- Inferior performance compared to T568A or T568B.
- Not cabling standard compliant.

Pair ID	PIN Number
T1	5
R1	4
T2	3
R2	6
T3	2
R3	7
T4	1
R4	8

10Base-T/100Base-T

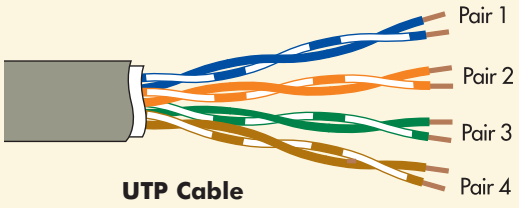
- Eight-position jack, but only two pairs used.

Pair ID	PIN Number
T1	1
R1	2
T2	3
R2	6

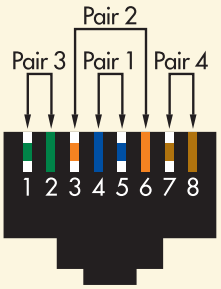
Token Ring

- Uses either a six-position or eight-position jack.
- Eight-position compatible with T568A, T568B, and USOC.
- Six-position compatible with one- or two-pair USOC.

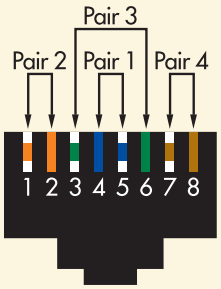
Pair ID	PIN Number
T1	5
R1	4
T2	3
R2	6



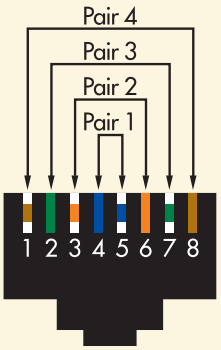
UTP Cable



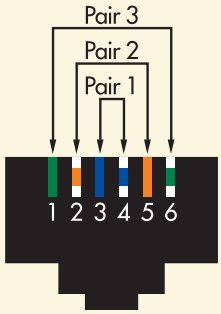
T568A



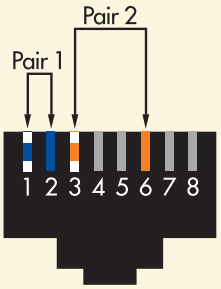
T568B (AT&T)



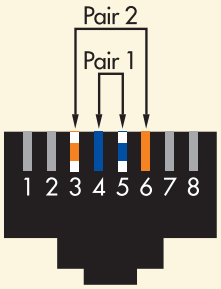
USOC 4-pair



USOC 1-, 2-, or 3-pair



10Base-T (802.3)



Token Ring (802.5)

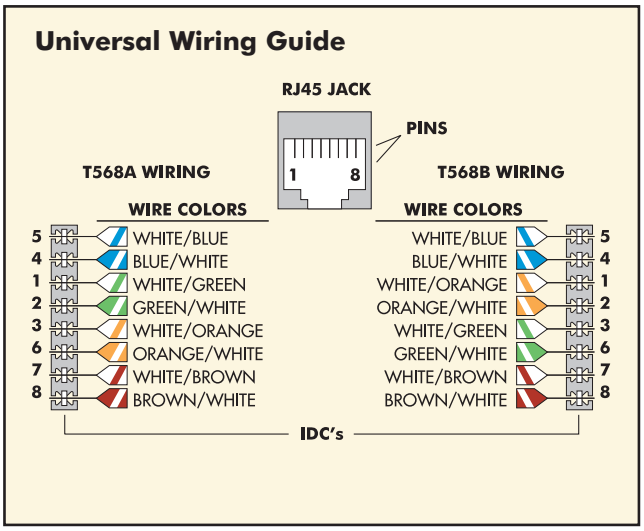
Project	
Location/Type	

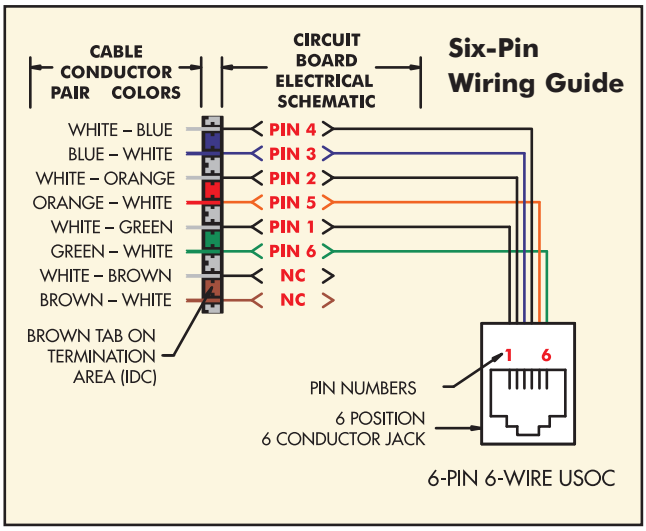
Pass & Seymour

legrand

Technical Specifications

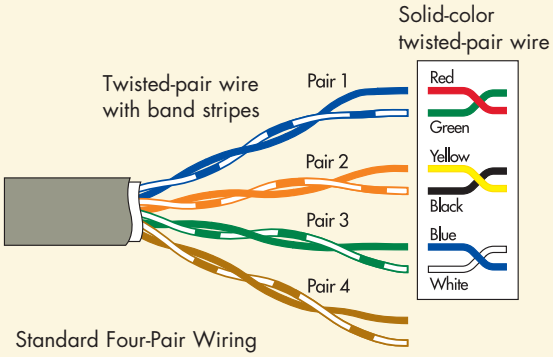
Universal & Six-Pin Wiring Guides & UTP Cabling Installation





APPLICATION EXAMPLE

In some retrofit applications you may encounter quad-wire. This is the red, green, yellow, and black phone cable that was common in most phone installations before the 90's. Pass & Seymour/Legrand recommends that you remove this cable whenever possible and replace it with Category 5e cable and connectors. If removal is not possible, follow the color-code guidelines below to make connections to jacks bearing current UTP color markings.



Standard Four-Pair Wiring

Pair 1	T	White/Blue	Pair 3	T	White/Green
	R	Blue/White		R	Green/White
Pair 2	T	White/Orange	Pair 4	T	White/Brown
	R	Orange/White		R	Brown/White

Basic practices for installing unshielded twisted-pair (UTP) network cabling

Minimize untwisting of twisted pairs.

When making terminations at jack modules, untwist no more than 1/2" for Category 5e cable or above; no more than 1" for Category 3. Untwisting pairs beyond these specifications can increase the risk of failed cable performance testing.

Limit cable bend radius.

Cable should not bend more sharply than four times its diameter. For Category 5e cable or above, that means a minimum bend radius of about one inch. Bending cable to tighter-than-minimum bend radius causes pairs to separate, compromising cable performance.

Observe maximum pulling tension.

Cable is commonly pulled through walls, raceways, and other passageways. No more than 25 pounds of tension should be applied. Excess pulling tension can distort twisted pairs, again posing a threat to performance.

Stay away from high-voltage and electromagnetism.

Avoid running cable in proximity to high-voltage sources or electromagnetic fields, as these can cause interference. Examples include ballasts, electric motors, transformers, and copiers.

Test to ensure performance.

Test completed cabling to ensure that customers get what they're paying for — and to prevent insufficient-performance liability. Test parameters are outlined in TIA/EIA-568-B.1 and vary depending on type of cable.

Project
Location/Type

Pass & Seymour
legrand

Application

Pass & Seymour/Legrand's broad line of Standard Size Plastic and Metal Wall Plates features the most complete range of types, sizes, colors, and finishes available. Choose from more than 1,900 standard plates in non-combustible thermoset plastic material, self-extinguishing nylon material, screwless polycarbonate material, or attractively finished metal, for residential, commercial, institutional, and industrial applications. All plastic wall plates color match to Pass & Seymour/Legrand devices.

3rd Party Compliance

UL Listed, Standard UL514, Cover Plates for Flush-Mounted Wiring Devices.
CSA Certified.

Thermoset Plastic Wall Plates Features

- Molded of non-combustible mar-proof material.
- Available in "SP" series in Standard, Junior-Jumbo, and Jumbo sizes.
- Seven standard colors available – Ivory, White, Brown, Gray, Black, Red, and Light Almond.
- Individually wrapped with color-matching screws.
- Resistant to discoloration, grease, oil, solvent and moisture.
- Nominal thickness, .070"

Materials

Wall Plate Material	Urea
Mounting Screws	Metal, oval heads painted to match plate color

Thermoset Smooth

TradeMaster® Thermoplastic Wall Plates Features

- Molded of rugged, practically indestructible self-extinguishing nylon. ("TP" series only.)
- Available in "TP" series, extra 3/16" width and height than Standard size plates; and "TPJ" series, extra 3/16" width and height than Junior-Jumbo size plates.
- Available in Ivory, White, Brown, Gray, Black, Blue, Orange, Red, and Light Almond.
- Preferred for hospital, industrial, institutional, and other high-abuse applications.
- Nominal thickness, .070"

Performance

Mechanical	
Mechanical Strength	Exceeds UL514 Bend Test
Deformation	Exceeds UL514 Corner Peel
Environmental	
Chemical-Resistant	
Flammability	UL94 V2

Materials

Wall Plate Material	.070" Nylon 6
Wall Plate Finish	Matte
Mounting Screws	Steel, oval heads painted to match plate color

TP Nylon Smooth

Screwless Polycarbonate Wall Plates Features

- Molded of .065" thick polycarbonate with matte finish.
- 2-piece plastic subplate made of polycarbonate ("SWP" Series only).
- Metal subplate made of .042" zinc-plated steel ("SW" Series only).
- Extra 1/8" width and height than Standard size plates.
- Available in Ivory, White, Brown, Gray, Black, and Light Almond.
- Oversized opening to accommodate all NEMA 26 decorator-style openings.

Performance

Flammability	UL94 V2

Materials

Wall Plate Material	.065" Polycarbonate	Plastic Subplate Material	Polycarbonate
Wall Plate Finish	Matte		
Metal Subplate Material	.042" Zinc-plated steel		

Screwless Polycarbonate

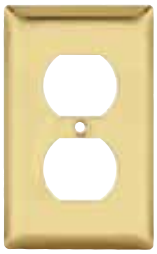
Project
Location/Type

Pass & Seymour

legrand

Technical Specifications
Wall Plate Specifications

302
Stainless Steel



Polished Brass

Brushed Brass

Aluminum

3rd Party Compliance

UL Listed, Standard UL514, Cover Plates for Flush-Mounted Wiring Devices.
CSA Certified.

Metal Wall Plates Features

- Constructed of corrosion-resistant stainless steel, brass, aluminum, chrome, brushed bronze or galvanized steel.
- Standard, Jumbo, and Tandem plates available, as well as special Panel plates up to 5-gangs high and 10-gangs wide.
- Packaged in protective film, with finish-matching screws.
- Variety of special plated finishes. Paintable to match plastic plates.
- Can be silk-screened or engraved, and custom punched with over 300 opening styles.

Materials

- Type 302 Stainless Steel, non-magnetic, .032" nominal thickness, brushed finish. This alloy contains 18% chromium and 8% nickel for superior resistance to corrosion. Recommended for use in food processing plants, dairies, chemical plants, and other industrial, institutional, and commercial applications where corrosive atmospheres exist.
- Type 430 Stainless Steel, magnetic, .032" nominal thickness, brushed finish. Less corrosion-resistant than Type 302, but ideal for general service in high abuse applications in industrial plants, commercial, and institutional buildings.
- Chrome, Brushed and Polished Brass, .040" thick. 70% copper, 30% zinc alloy gives warm, appealing finish to modern decor as well as retrofit applications. Lacquered to prevent corrosion.
- Aluminum, .040" thick. Lustrous satin finish. Lacquered to prevent corrosion.
- Galvanized Steel. Used only for Handy Box Plates.
- Brushed Bronze, .040" thick. 90% copper, 10% zinc. Lacquered to prevent corrosion.

Project
Location/Type

Technical Specifications
Wall Plate Dimensions

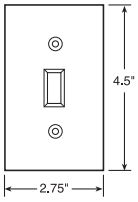
Pass & Seymour
legrand

Standard Size Wall Plates

- Standard size wall plates for all applications.
- Best fit for surface mount boxes.
- Available in plastic and metal only.

Dimensions

1 gang	2.75" x 4.5"	**4 gang**	8.125" x 4.5"	**7 gang**	13.62" x 4.5"
2 gang	4.56" x 4.5"	**5 gang**	10" x 4.5"	**8 gang**	15.44" x 4.5"
3 gang	6.375" x 4.5"	**6 gang**	11.812" x 4.5"		



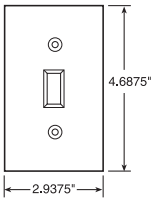
STANDARD

TradeMaster® Wall Plates

- Extra 3/16" width and height than Standard size wall plates.
- Provide better sheet rock coverage with standard size appearance.
- Available in unbreakable nylon 6 construction only.
- Screws pre-installed in the duplex, toggle, and decorator single gang plates.

Dimensions

1 gang	2.9375" x 4.6875"	**3 gang**	6.563" x 4.6875"	**5 gang**	10.188" x 4.6875"
2 gang	4.75" x 4.6875"	**4 gang**	8.375" x 4.6875"	**6 gang**	12" x 4.6875"



TRADEMASTER STANDARD

Screwless Polycarbonate Wall Plates

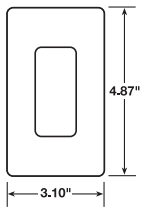
- Extra 1/8" width and height than Standard size wall plates.
- Provide better sheet rock coverage with standard size appearance.
- Molded of .065" thick polycarbonate.
- 2-piece plastic subplate made of polycarbonate ("SWP" Series only).
- Metal subplate made of .042" zinc-plated steel ("SW" Series only).
- Available in 5 metallic and 3 wood finishes.
- Oversized opening to accommodate all NEMA 26 decorator-style openings.

Wall Plate Dimensions

1 gang	3.10" x 4.87"	**3 gang**	6.724" x 4.87"	**5 gang**	10.348" x 4.87"
2 gang	4.912" x 4.87"	**4 gang**	8.536" x 4.87"	**6 gang**	12.16" x 4.87"

Subplate Dimensions

1 gang	2.85" x 4.62"	**3 gang**	6.474" x 4.62"	**5 gang**	10.098" x 4.62"
2 gang	4.662" x 4.62"	**4 gang**	8.286" x 4.62"	**6 gang**	11.910" x 4.62"



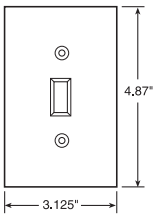
SCREWLESS

Junior-Jumbo Wall Plates

- Extra 3/8" width and height than Standard size wall plates.
- Additional coverage for sheet rock gaps.
- Available in plastic and metal only.

Dimensions

1 gang	3.125" x 4.87"	**3 gang**	6.75" x 4.87"
2 gang	4.93" x 4.87"	**4 gang**	8.56" x 4.87"



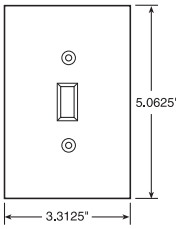
JUNIOR-JUMBO

TradeMaster Jumbo Wall Plates

- Extra 3/16" width and height than Junior-Jumbo size wall plates.
- Provide additional coverage for sheet rock gaps, matching the appearance of the TradeMaster Plates.
- Available in unbreakable nylon 6 construction only.
- Screws pre-installed in the duplex, toggle, and decorator single gang plates.

Dimensions

1 gang	3.3125" x 5.0625"	**3 gang**	6.9375" x 5.0625"
2 gang	5.125" x 5.0625"	**4 gang**	8.75" x 5.0625"



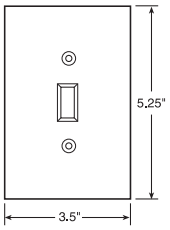
TRADEMASTER JUMBO

Jumbo Wall Plates

- Extra 3/4" width and height than Standard size wall plates.
- Largest size wall plates to cover larger wall damage.
- Available in plastic and metal only.

Dimensions

1 gang	3.5" x 5.25"	**3 gang**	7.12" x 5.25"
2 gang	5.31" x 5.25"	**4 gang**	8.93" x 5.25"

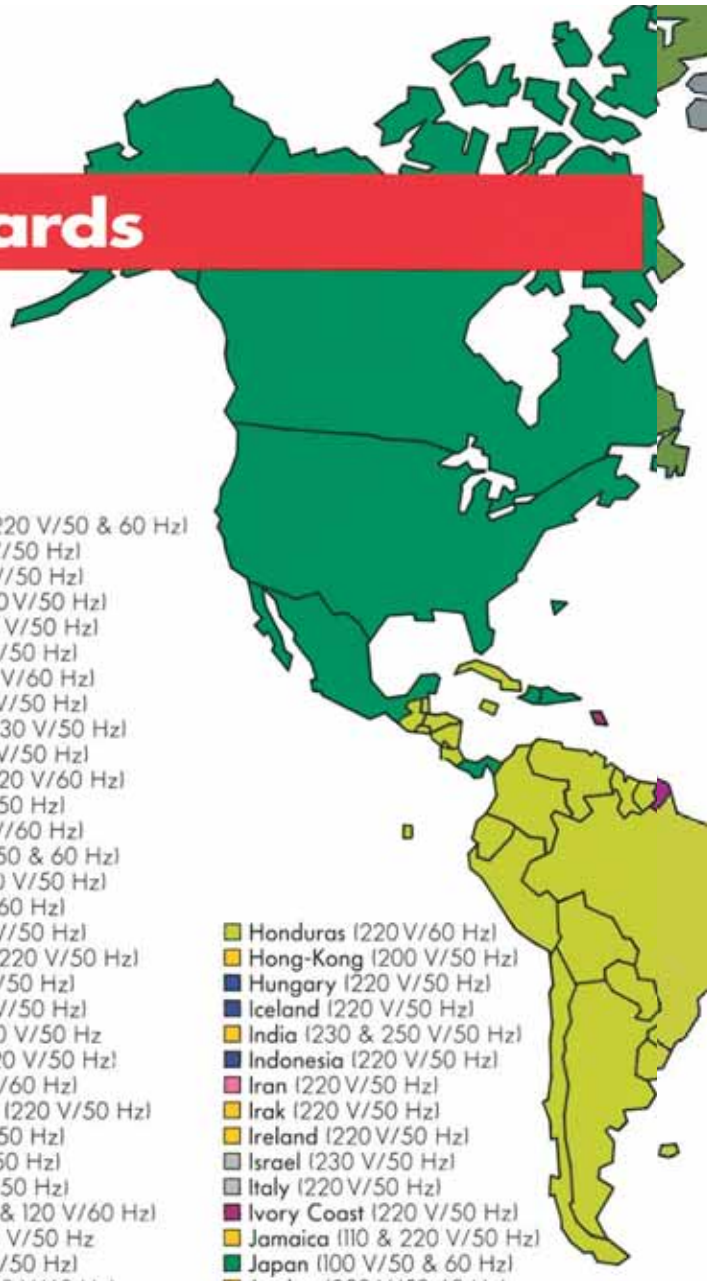


JUMBO

Project
Location/Type

International standards

We're uniquely qualified to help you *understand* them. And *comply* with them.



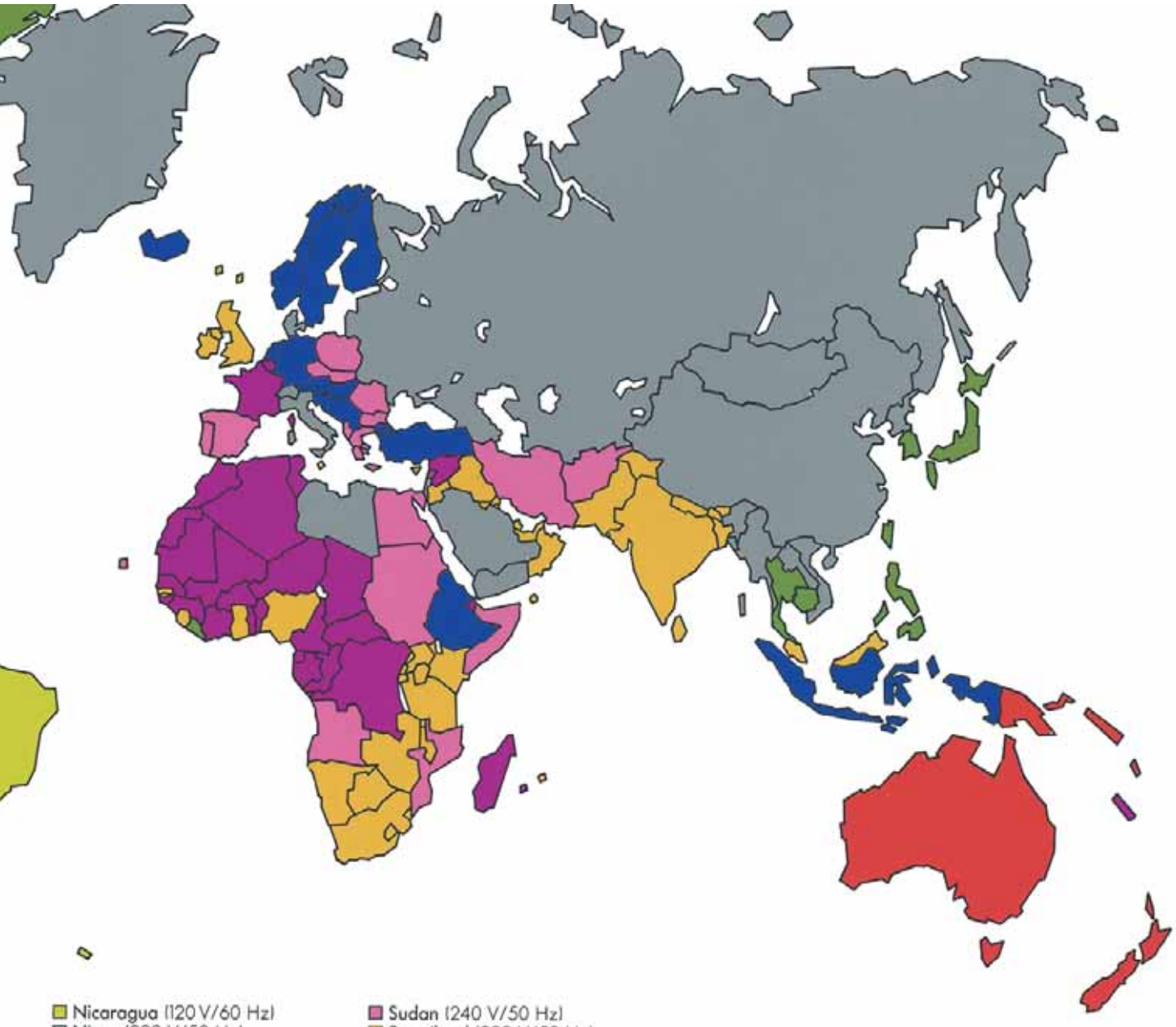
We know the rules...

As the world's largest manufacturer of wiring devices — with operations in dozens of countries, on all major continents — our engineers and scientists participate in and contribute to the formation of the world's safety and performance standards. That involvement not only helps us *build* products that meet and exceed those standards — it enables us to help *you* understand your compliance needs.

And we have the tools.

With distribution points in over 110 countries — and catalogs available in all major world languages — we are uniquely qualified to guide you in designing products for overseas markets. Whether you need components that are recognized and welcomed in distant markets...or product expertise, applications assistance, and service from a source *within* those markets... you can depend on our worldwide manufacturing and distribution network.

- Afghanistan (220 V/50 & 60 Hz)
- Algeria (220 V/50 Hz)
- Angola (220 V/50 Hz)
- Argentina (220 V/50 Hz)
- Australia (240 V/50 Hz)
- Austria (220 V/50 Hz)
- Bahamas (120 V/60 Hz)
- Bahrain (230 V/50 Hz)
- Bangladesh (230 V/50 Hz)
- Belgium (220 V/50 Hz)
- Belize (110 & 220 V/60 Hz)
- Benin (220 V/50 Hz)
- Bermuda (115 V/60 Hz)
- Bolivia (110 V/50 & 60 Hz)
- Botswana (220 V/50 Hz)
- Brazil (220 V/60 Hz)
- Bulgaria (220V/50 Hz)
- Burkina Faso (220 V/50 Hz)
- Burma (220 V/50 Hz)
- Burundi (220 V/50 Hz)
- Cambodia (120 V/50 Hz
- Cameroon (220 V/50 Hz)
- Canada (115 V/60 Hz)
- Central Africa (220 V/50 Hz)
- Chad (220 V/50 Hz)
- Chile (220 V/50 Hz)
- China (220 V/50 Hz)
- Colombia (110 & 120 V/60 Hz)
- Comoros (220 V/50 Hz
- Congo (220 V/50 Hz)
- Costa Rica (120 V/60 Hz)
- Cuba (115 & 120 V/60 Hz)
- Cyprus (240 V/50 Hz)
- Czechoslovakia (220 V/50 Hz)
- Denmark (220 V/50 Hz)
- Djibuti (220 V/50 Hz)
- Dominican Rep. (110 & 120 V/60 Hz)
- Ecuador (110 & 220 V/60 Hz)
- Egypt (220 V/50 Hz)
- El Salvador (120 & 240 V/60 Hz)
- Ethiopia (220 V/50 Hz)
- Fiji (240 V/50 Hz)
- Finland (220 V/50 Hz)
- France (230 V/50 Hz)
- French Guinea (220 V/50 Hz)
- French Polynesia (220 V/60 Hz)
- Gabon (220 V/50 Hz)
- Gambia (230 V/50 Hz)
- Germany (230 & 400 V/50 Hz)
- Ghana (250 V/50 Hz)
- Greece (220 V/50 Hz)
- Greenland (220 V/50 Hz)
- Guadeloupe (220 V/60 Hz)
- Guatemala (220 V/60 Hz)
- Guinea Bissau (220 V/50 Hz)
- Guyana (110 V/50 Hz)
- Haiti (110 V/60 Hz)
- Honduras (220 V/60 Hz)
- Hong-Kong (200 V/50 Hz)
- Hungary (220 V/50 Hz)
- Iceland (220 V/50 Hz)
- India (230 & 250 V/50 Hz)
- Indonesia (220 V/50 Hz)
- Iran (220 V/50 Hz)
- Irak (220 V/50 Hz)
- Ireland (220 V/50 Hz)
- Israel (230 V/50 Hz)
- Italy (220 V/50 Hz)
- Ivory Coast (220 V/50 Hz)
- Jamaica (110 & 220 V/50 Hz)
- Japan (100 V/50 & 60 Hz)
- Jordan (200 V/50-60 Hz)
- Kenya (240 V/50 Hz
- Korea (100 V/60 Hz)
- Kuwait (240 V/50 Hz)
- Laos (220 V/50 Hz)
- Lebanon (110 & 220 V/50 Hz
- Lesotho (230 V/50 Hz)
- Liberia (120 V/60 Hz)
- Libya (110 & 220 V/50 Hz)
- Luxembourg (220 V/50 Hz)
- Macao (220 V/50 Hz)
- Madagascar (220 V/50 Hz)
- Malawi (230 V/50 Hz)
- Malaysia (240 V/50 Hz)
- Mali (220 V/50 Hz)
- Malta (240 V/50 Hz)
- Martinique (220 V/50 Hz)
- Mauritania (220 V/50 Hz)
- Mauritius (230 V/50 Hz)
- Mexico (127 V/50 & 60 Hz)
- Mozambique (220 V/50 Hz)
- Morocco (220 V/50 Hz)
- Namibia (220 V/ 50 Hz)
- Nepal (220 V/50 Hz)
- Netherlands (220 V/50 Hz)
- New Caledonia (220 V/50 Hz)
- New Zealand (230 V/50 Hz)



- Nicaragua (120 V/60 Hz)
- Niger (220 V/50 Hz)
- Norway (220 V/ 50 Hz)
- Oman (240 V/50 Hz)
- Pakistan (230 V/50 Hz)
- Panama (110 & 120 V/60 Hz)
- Papua (New Guinea) (240 V/ 50 Hz)
- Paraguay (220 V/50 Hz)
- Peru (220 V/60 Hz)
- Philippines (110 V/60 Hz)
- Poland (220 V/60 Hz)
- Portugal (220 V/60 Hz)
- Puerto Rico (120 V/60 Hz)
- Qatar (240 V/50 Hz)
- Reunion (220 V/50 Hz)
- Romania (220 V/50 Hz)
- Rwanda (220 V/50 Hz)
- Saudi Arabia (127 & 220 V/50 & 60 Hz
- Senegal (110 & 127 V/ 50 Hz)
- Seychelles (240 V/50 Hz)
- Sierra Leone (230 V/50 Hz)
- Singapore (230 V/50 Hz)
- Somalia (220 V/50 Hz)
- South Africa (220 V/50 Hz)
- Spain (220 V/50 Hz)
- Sri Lanka (230 V/50 Hz)
- Sudan (240 V/50 Hz)
- Swaziland (220 V/50 Hz)
- Sweden (220 V/50 Hz)
- Switzerland (220 V/50 Hz)
- Syria (220 V/50 Hz)
- Taiwan (220 V/60 Hz)
- Tanzania (230 V/50 Hz)
- Thailand (220 V/50 Hz)
- Togo (220 V/50 Hz)
- Trinidad & Tobago (115 & 230 V/60 Hz)
- Tunisia (220 V/50 Hz)
- Turkey (220 V/50 Hz)
- U.A.E. (240 V/50 Hz)
- Uganda (240 V/50 Hz)
- United Kingdom(240 V/50 Hz)
- Uruguay (220 V/50 Hz)
- U.S.A. (120 V/60 Hz)
- USSR (220 V/50 Hz)
- Vanuatu (220 V/50 Hz)
- Venezuela (120 V/60 Hz)
- Vietnam (220 V/50 Hz)
- Yemen (250 V/50 Hz)
- Yugoslavia (220 V/50 Hz)
- Zaire (220 V/50 Hz)
- Zambia (230 V/50 Hz)
- Zimbabwe (220 V/50 Hz).

For other countries, please consult us

- **American type standards**
- **British type standards**
- **French type standards**
- **German type standards**
- **Australian type standards**
- **European and American type installation habits**
- **French and German type installation habits**
- **Various standards**

British standard

Supply

Domestic installations are usually single phase 240 V ac 50 Hz. Live and neutral are supplied. Earth can be supplied or local.

House Service Cut-Out

The Electricity Board's protective device, usually a 80 A or a 100 A. HRC fuse. It is sealed in a special housing to prevent tampering.

Meter

Single to second meter, usually white, for off-peak power, etc.) and sealed to prevent tampering.

Consumer unit

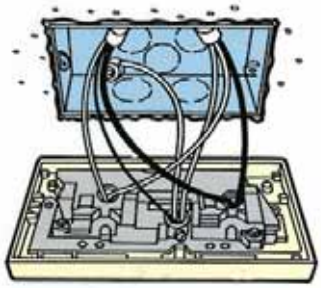
Houses the main switch which isolates the total installation and the individual circuit protection devices. The consumer unit should comply with BS 5486 pt 1 and pt 13. Circuit protection can be by means of :

- semi-enclosed fuses to BS 3036;
- cartridge fuses to BS 1361;
- miniature circuit breakers to BS 3871 pt 1.

The consumer unit may also contain one or more residual current devices protecting all or part of the installation.
RCDs should comply with BS 4293.

Power circuits

Appliances having heavy current consumption (cookers, water-heaters, etc.) should each be supplied on a specific circuit of the appropriate rating. In general, a double pole switch controls and isolates the appliance when necessary and the connection of the appliance can be made either directly to the switch or via a cable-outlet. Switches should conform to BS 3676.

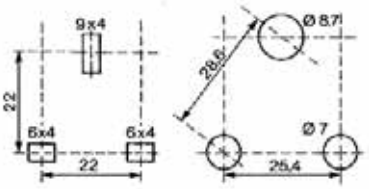


Flush fitting of two gang socket

	height	width	fixing centers
1 gang	75 mm	75 mm	60.5 mm
2 gang	75 mm	135 mm	121 mm

Socket outlet circuits

Socket outlets should comply with BS 1363 and are usually of the switched type. They are usually supplied via a ring main, a circuit running from the protection device to each outlet and the returning to the protection device. Permanent connections to a ring main as well as branches off the ring are made via spur units (BS 5733). Socket outlets to BS 546 are no longer used in the UK but one still widely used in some other countries.



BS 1363 - 13 A BS 546-15 A

Plugs

Plugs should conform to BS 1363. They contain a fuse link to BS 1362 of a rating appropriate to the cord and appliance (max = 13 A). Because of a certain number of unscrupulous suppliers of dangerous plugs, it is wise to insist on third party certification of plugs (eg ASTA certified).

Lighting circuits

Usually a radial circuit supplying each lighting point in turn. A lighting point usually consists of a ceiling rose in which incoming, outgoing and switch connections are made and a pendant flexible cord supplying a lampholder is attached. Light switches should meet BS 3676.

Dimmers should meet BS 5518 and be complet with suppression to BS 800.

Bathrooms

The wiring regulations are very strict. Every switch or other means of electrical control or adjustment shall be so situated as to be normally inaccessible to a person using fixed bath or shower. Pull cord switches are allowed. Shaver sockets with isolating transformers are allowed but should conform BS 3052.

Outdoors

Any socket outlet outdoors or intended to supply outdoor equipment (eg electric lawnmowers) should have 30 mA RCD protection.

Earthing

All sockets to BS 1363 have provision for earthing. A protective conductor (which could also be steel conduit) is generally required for all low voltage circuits (1 000 V ac between conductors) and its continuity must be proved. All main incoming services, for example, water and gas pipes and metallic parts of the building structure, etc... must be bonded and connected to the main earthing terminal of the installation. In addition it may be necessary to supplementary bond water and waste pipes, sinks and other metallic items such as central heating radiators.

However, in rooms with a fixed bath or shower, supplementary bonding must be applied to simultaneously accessible metal parts.

Installation rules

The "Regulations for Electrical Installations" published by the Institution of Electrical Engineers. Savoy Place, London, governs all domestic electrical installations (and many other types).
Copies are available from :
I.E.E.
P.O. Box N° 8. HITCHIN.
HERTFORDSHIRE SG 5 IRS. ENGLAND.
The various British standards governing the construction of electrical equipment are available from :
B.S.I., Sales Department.
LINFORD WOOD. MK 14 6 LE.
MILTON KEYNES. ENGLAND.
B.S.I. also publishes a yearly handbook covering all British standards.

Polarity

The polarity is conserved and marked throughout the installation :

Live :

- terminals marked L (or coloured red or brown);
- solid conductors insulated in red;
- flexible conductors insulated in brown.

Neutral :

- terminals marked N (or coloured black or blue);
- solid conductors insulated in black;
- flexible conductors insulated in blue.

Earth :

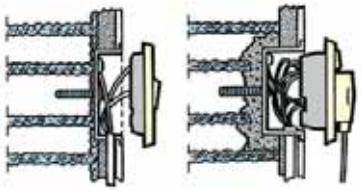
- terminals marked E or ⏚ (or coloured green/yellow);
- conductors insulated green/yellow.

Cabling

Most domestic wiring is done in flat p.v.c. insulated and sheathed 3 core cable (flat twin and earth). Maximum use is made of floor and wall voids to run cables.

Surface installations are run in conduit or trunking, these can be plastic or metal. Various British standards govern the design and construction of conduits, trunking and cable.

Wiring accessories may be installed in plastic or (more often) metal flush boxes to BS 4662. Surface installations are made in appropriate proprietary boxes.



16 mm plaster-depth box 25 mm socket box

French standard

Supply

Usually single phase 230 V 50 Hz (some 120 V 50 Hz left).

Live and neutral are supplied. Earth is usually local.

An AD (accompagnement disjoncteur) fuse will be installed on the phase.

Meter

As single kWh meter is supplied. If off-peak power is used, a 2-tariff meter with pilot-line switching is installed.

Main circuit-breaker

This unit has 3 functions :

- acts as main isolator for the installation;
- limits consumption of current to a pre-set level determined by contract with electricity supply organisation;
- provides "blanket" residual current protection at 500 mA.

Compulsory protection against lightning

Installation supplied by overhead electric lines and located in areas where thunder is heard more than 25 days per year must be protected by a Search Protective Device immediately place after the main residual current circuit breaker (500 mA and recommended Type S). The Search Protective Device must be connected to the earth terminal block of the consumer unit.

Consumers distribution board

This contains distribution of power to subcircuits and circuit protection (overload and short circuit). Additionally it may contain other functions :

- residual current protection of sub-circuits;
- time switches and time delay relays;
- bell transformer;
- power relays (heating, etc.);
- latching relays for lighting;
- indicator lamps;
- daylight/dusk switches;
- dimmers;
- load-shedding relays;
- off-peak power relays;
- buzzer or bell.

The unit is usually site-assembled and "soft" wired (no busbars).

Circuit protection

Each circuit must have a suitable protection device at its source. As from 1988, this device shall insure the breaking of both phase and neutral conductors in one operation. Rewirable fuses are now prohibited. The choice must be made between HRC cartridge fuses and miniature circuit breakers.

Power circuits

All appliances having a relatively high consumption of current should be supplied on a specific circuit with appropriate protection and cabling. They will be connected either via a special plug and socket or via a cable outlet box (eg cooker, dishwasher, washing machine, water-heater, etc.).

Socket outlets

Are supplied on radial circuits provided with earth (maximum of 8 outlet points per circuit). All circuits of socket outlets are protected by 30 mA Residual Current Devices.

Socket outlets must be of the earthed type (2 P + E) up to 32 A. Shutters are mandatory for the 16 A type. 20 A and 32 A socket outlets exist for power circuits (see above).

Plugs

Can be 2P or 2P + E type. The flat-bodied 2 P type should have sleeved pins. Specific 20 A and 32 A plugs are also available for power circuits.

Lighting points

Are supplied by radial circuits provided with earth (max 8 points per circuit) and controlled by switches or dimmers. Note that the use of intermediate switches has virtually disappeared : multiple-point control of lighting is usually achieved using latching relays and push-buttons (See opposite page).

The use of time-lag switches to control lights in public areas is also commonplace.

Earthing

All circuits distribute a protective conductor. All services should be bonded to earth. Supplementary bonding of metal fittings in bathrooms, kitchens, etc., is also necessary.

Cabling

Most domestic wiring is run either in plastic surface trunking or in flushed-in conduit systems. Various rules govern the choice of the type of conduit to be used. Generally solid copper conductors (usually PVC insulated) are used for fixed wiring. Attention must be paid to the various rules governing cable section, voltage drop, etc.

For plastic surface trunking, protection against external influences must be ensured continuously throughout the length of conduit runs, especially at angles and at entries into wiring devices.

Accessory installation

Switches, sockets, etc., should be installed in a flush or surface box or in a purpose made equipment trunking. Accessories may be either screw-fitted or provided with expanding claws which grip the walls of a circular flush box.

Installation rules

All electrical installations should comply with French standard NFC 15-100. This document lays down detailed rules governing all aspects of wiring and designing an installation. Copies of the standards, as well as other French electrical standards are available from :

BUREAU DE VENTE DE L'U.T.E.
CEDEX 64 - 92052 PARIS LA DÉFENSE

Helpful guides and information are available from :

PROMOTELEC
52, BD MALESHERBES
75008 PARIS

An English-language edition of NFC 15 100 is available from :

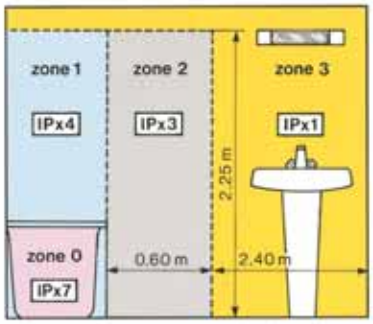
BSI TECHNICAL HELP TO EXPORTERS
LINFORD WOOD
MILTON KEYNES MK 14 6LC - ENGLAND

Outdoors

The use of 30 mA RCD protection is recommended. Outdoor sockets should be at least IP 44.

Bathrooms

Special rules apply to bathrooms which are divided into 4 zones.



Definition of zone containing bath or shower.

Zones	0	1	2	3
Wiring systems	X (2)	II (1)	II (1)	II
Switchgear and controlgear	X	X (2)	X (2)	• Supplied individually by an isolating transformer. • Supplied by Safety Extra Low Voltage (SELV) (4) • Protected by a 30 mA RCD
Appliances	X (2)	X (2) (3)	II + 30 mA RCD (2) (3) (5)	• Supplied individually by an isolating transformer • Supplied by SELV (d) • Protected by a 30 mA RCD

X Prohibited
II Permitted for Class II.
RCD 30 mA : Protection by 30 mA residual current devices.
(1) Limited to those which are necessary to supply appliances located in this zone.
(2) Except those supplied by SELV, limited to 12 V ac or 30 V dc.
(3) Water heaters permitted.
(4) No voltage limit (≤ 50 V).
(5) Except a socket-outlet supplied by a low-power isolating transformer.

German standard

Supply

May be single phase (230 V 50 Hz) or three phase (400 & 230 V 50 Hz).

Phase or phases and neutral are supplied. Earthing is local.

In general each phase is protected by a 100 A blade type NH VDE 0636. Cables are either 16 mm² or 25 mm².

There is usually 1 meter. Facilities are provided for a second meter for special tariffs, etc.

A fuse isolator unit allows all phases to be cut-off thus isolating total domestic installation.

Control Panel (Unterverteilung)

This will usually contains 500 mA Residual Current Device (D.C. sensitive) protection for the whole installation and a miniature circuit breaker for each circuit. The circuit supplying the bathroom will have 30 mA residual Current protection.

Other functions are often included in the control panel: latching relays, switches, control lamps, buzzers, modular dimmers, etc.

Power Circuits

Single phase up to 3 kVA, > 3 KVA: 3 phases.

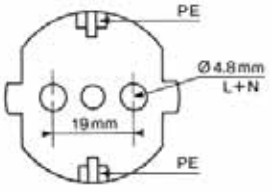
Electrical applicances having a high power consumption (cookers, washing machines, etc.) are supplied via a specific circuit and connected either via a cable outlet or via a specific socket (Perilex) or CEE 17.

It is not uncommon to find 3 phases appliances.

Protection rating and cable size of each circuit is calculated according to the appliance (min. section 1.5 mm² Cu/16 A).

General Circuits

These circuits supply both lighting points and socket outlets. The protective device is usually 16 A rating. There is no limitation of the number of outlets on the circuit. This limit is calculated according to expected/probable use of the circuit. Socket outlets are generally of the 2 P + E type "schuko" pattern. Since these plugs are reversible, no polarity is observed in connection of plugs or socket outlets. Polarity is observed for lighting points, switching on live conductor, inner contact live on Edison-type lampholders. All socket outlets are earthed, in general, the protective conductor is distributed throughout all circuits.



16 A / 250 V DIN 49400/0873

Damp and Outdoor Installations

Special rules apply in particular IP ratings of accessories and equipment and RCD protection.

Bathrooms

Special rules apply to bathrooms. The room is divided into 4 zones (Bereich).

Bereich 0 - The structure and inner volume of the bath or shower basin.

Bereich 1 - The zone surrounding the Bereich 0, formed by the vertical planes of the edges of the bath or shower basin and shower walls to a height to 2.25 meters (or alternatively where no walls exist a radius of 0.60 meters from the shower head).

Bereich 2 - A zone 0.60 meter wide and 2.25 meters height from the floor surrounding Bereich 1.

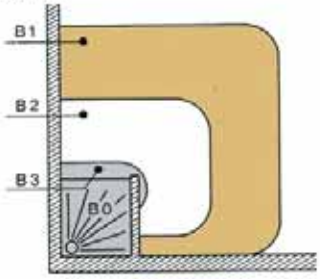
Bereich 3 - A zone 2.4 meters wide and 2.25 meters height from the floor surrounding Bereich 2.

In practice this area is often limited by the walls of the bathroom (note the doorways into other rooms also act as limits to Bereich 3).

In bathrooms, switches and socket outlets may only be installed in Bereich 3, and sockets must have RCD protection less than or equal to 30 mA. Various other rules apply in particular to the IP rating of equipment in the arious zones.

It is not permitted to route circuits feeding other rooms, etc. through the bathroom.

Effective bonding to earth of all metal services (water-pipes, drainage, etc.) is required.



bathroom zones VDE 0100 Teil 701

Cabling

Cabling is usally flush in conduit, single PVC, insulated conductors. Other possibilities are multi-core insulated and sheathed cable installation or surface trunking installations.

The function of conductors is conserved and indicated:

PE Earth : green/yellow;
N Neutral : blue;
L Live : any other colour than green, yellow, blue or green/yellow. In practice black and/or brown are used.

Sections of conductors, should be chosen according to the various rules laid down by the regulations.

Installation Rules

All domestic electrical installations should comply with the requirements of VDE 0100 and may only be completed by registered electricians. Note that the electricity supply organisation can extend or modify requirements for electrical installations.

There are about 220 EVU organisations in Germany. (EVU = Elektrizitätsversorgungsunternehmen = Electricity supply enterprise.)

VDE Standards are available from:
VDE, Verlag GmbH
MERIANSTRASSE 29
D-6050 OFFENBACH - GERMANY

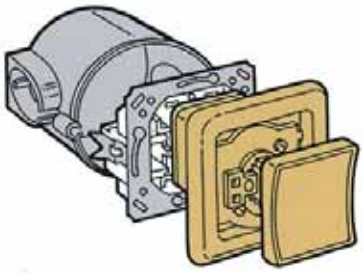
Some of the VDE-standards are available in English or French from VDE-Verlag.

The UTE publishes some French translation of VDE standards including VDE 0100.

More and more VDE-standards are translation of EN (European Standards) and IEC (International Standards).

Accessories

Should meet the appropriate VDE standards in their contructions. Flush accessories are fitted in boxes. Claw-mounting is common but screw-mounting is also used.



Earthing

Earthing is local usually through the foundations of the building. All services should be bonded (gas, water, heating, waste, etc.) with 10 mm², general and bathroom cross-bonding is done in 4 mm².

Neutral is re-earthed at the control panel. A protective (earth) conductor is distributed to all outlet points independantly of neutral.