

# HUBBELL® EDUCATION

## Application Guide



# HUBBELL

## The Education Connection





# Hubbell – The Education Connection



## Table of Contents

### Hubbell Knows Education

Overview .....	3
Primary Education Facilities .....	4-5
Continuing Education Facilities .....	6-7

### Classrooms and Learning Spaces .....

Hubbell X-END Plug-n-Play System, Flat Panel Connection Enclosures, H-MOSS® Ceiling Sensors, AV Ceiling Enclosures and Raceway

### Administration Offices.....

H-MOSS® Wall Sensors, Hubbell SystemOne Fire-Rated Poke-Throughs, Hubbell iSTATION Frames and Modules, Category Rated Jacks and Patch Cords

### Residence Halls.....

Tamper-Resistant GFCI Receptacles, SNAPConnect® Receptacles, H-MOSS® Sensors, F-Type Connectors and Faceplates

### Food and General Services .....

Flat Panel Connection Enclosures, Disconnect Switches, Hi-Impact Enclosures and Watertight Safety-Shroud® Twist-Lock®

### Auditorium and Performing Arts.....

Hubbell Twist-Lock® Devices, Single Pole, QuadCab® and Kellems® Grips

### Science and Research Laboratories.....

Pre-Wired Raceway, Extra Heavy-Duty Tamper-Resistant GFCI Receptacles, Surface Mount Boxes and Extra Heavy-Duty Receptacles

### Data Centers .....

XXL Organizers, Racks, Bonding and Grounding, High Density Patch Panels, Fiber Solutions and IEC Pin & Sleeve Devices

### Athletic Facilities and Outdoor Recreation .....

SPIDER®, TrukTrak®, TredTrak® and AccessTrak®, QuadCab Cabinets and Watertight Wiring Devices

### Medical Centers and Health Services .....

Hospital Grade Receptacles, Hospital Grade GFCI Receptacles, Shielded CAT 6A Jacks and Hospital Grade Plugs and Connectors

### Mechanical and Maintenance Facilities .....

IEC Mechanical Interlocks, Cord Reels, Ceiling Enclosures and Portable GFCI



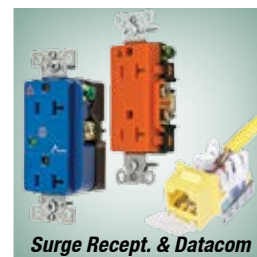
**Watertight Wiring Devices**



**Raceway & Sensors**



**SystemOne Boxes & FRPT**



**Surge Recept. & Datacom**

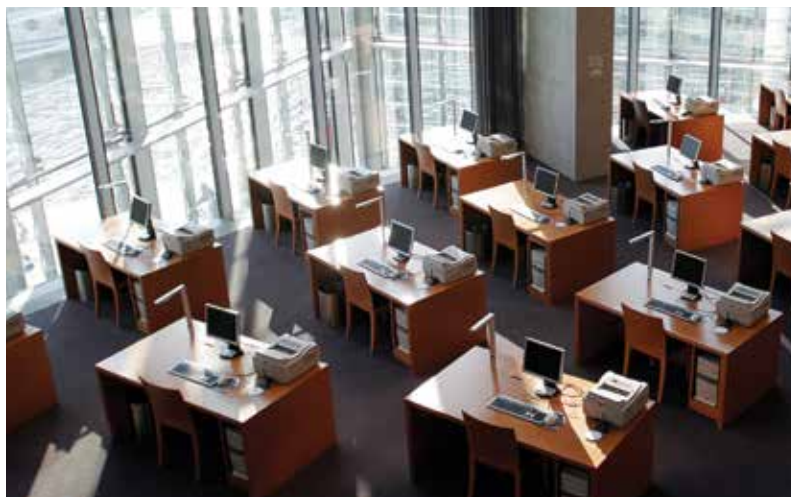


**Cable Protection**



# Hubbell Solutions for Education Facilities

The need for technologically advanced, cost-effective, safe and long-lasting facilities has today's schools and universities faced with a new reality in planning and carrying out new and retrofit facility projects. Today's education facilities must take into account several factors during construction and renovation. From classrooms and learning spaces, to administration and facility operations, Hubbell Wiring Systems has the solutions to help education facilities meet these key challenges.



## Effectively Delivering Power, Data and Audio/Video (AV)

Today's education facilities need to ensure effective power, data and AV delivery to support everything from online e-learning, interactive audio/video and multimedia video presentations, to real-time delivery of the latest research information and enhanced communication—all of which has become vital to modern teaching, learning and decision making.

## Reducing Upfront and Long-term Facility Costs

When updating inadequate facilities, schools and universities need to reduce initial upfront and long-term costs by ensuring that projects are completed quickly and efficiently. At the same time, planning new and retrofit projects requires solutions that enable lower maintenance and operating costs over the life of the facility.

## Maintaining Energy Efficiency and Sustainability

To further reduce operating costs, education facilities administrators and designers are thinking long-term, striving for energy efficiency. The use of energy-saving technologies including open space environments that increase daylight and data center designs for improving airflow are just some of the ways education facilities can ensure more energy efficient, sustainable facilities.

## Ensuring Maximum Safety and Durability

Education facilities are demanding environments where maintaining safety for both students and staff is critical. New and retrofit projects therefore require devices that ensure safety, are durable and impact resistant to withstand everyday use, and provide reliable, long-lasting performance.

For more than 100 years, Hubbell has provided high-performance, reliable solutions for primary, secondary and higher education facilities. Only Hubbell has the comprehensive line of wiring devices to help today's educational facilities effectively deliver power and technology, reduce costs and ensure maximum safety.



**Audio/Visual**



**Safety**



**Energy Savings**



**Sustainability**



**Durability**



# Primary and Secondary Education Facilities



## Power, Data and Audio/Video Delivery

Technology is helping engage students, improve teaching, and facilitate communication. Hubbell's power, data and AV delivery solutions support everything from smartboards and projector systems, to computers and networking equipment.



- Multimedia Audio/Video connections and enclosures
- Copper and fiber network cable and connectivity
- Data center and cable management solutions

## Installation Efficiency

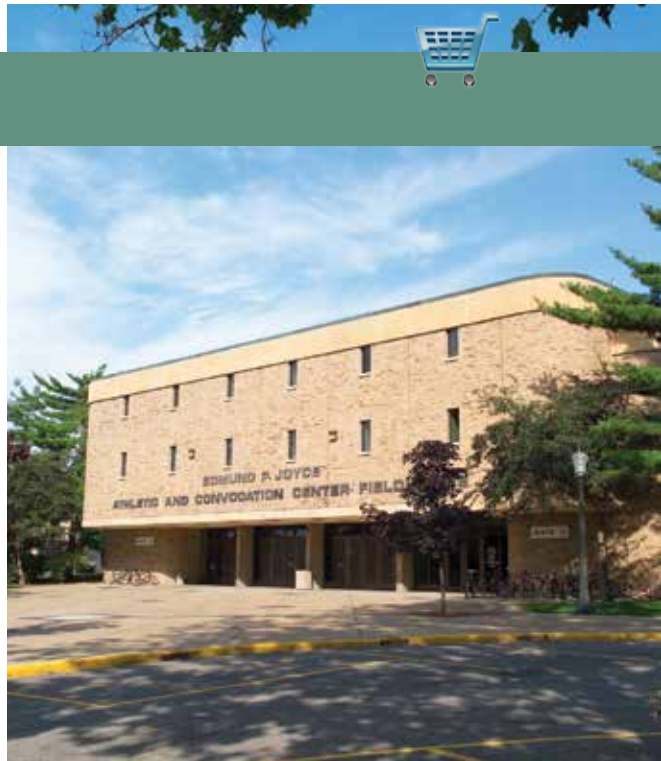
Hubbell has a wide range of solutions specifically designed to provide efficient installation, deployment and replacement that ultimately help schools complete new and retrofit projects faster while reducing overall costs.



- Pre-connectorized wiring devices
- Plug-n-play AV assemblies
- Pre-wired raceway systems







## Energy Efficiency

Modern education facilities incorporate new technologies such as energy efficient lighting controls, reducing energy consumption and costs.



- Wired and wireless ceiling and wall-mount occupancy sensors
- Daylight harvesting sensors
- Data center airflow management solutions

## Safety and Durability

Students and personnel need to be protected from the hazards of electricity, while secondary educational facilities may encounter intentional or unintentional damage. To reduce risk, solutions need to provide reliable safety, protection and durability.



- Impact and tamper-resistant solutions
- GFCI, isolated ground and surge protection devices
- Weatherproof, watertight and locking devices



# Universities and Continuing Education Facilities



## Power, Data and Audio/Video Delivery

At the university level, advanced high-speed technology is broadening access through online courses, facilitating research, improving administrative operations, attracting and retaining students.



- High-speed copper and fiber network solutions
- Advanced data center and cable management solutions
- Multimedia and audio/video systems

## Installation Efficiency

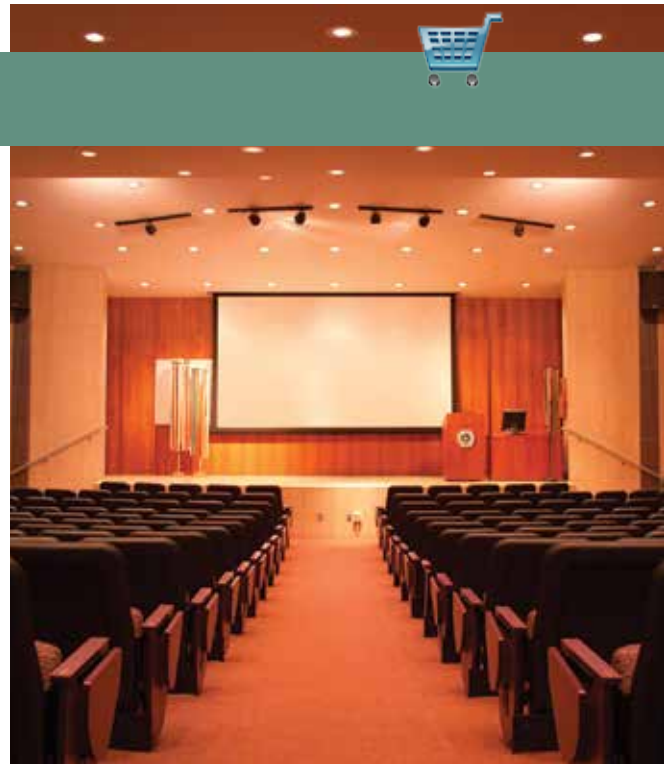
With solutions that offer fast, efficient installation of power, data and AV connections, Hubbell enables today's college and university facility departments to maximize investments in building infrastructure during new and retrofit construction projects.



- Pre-fabricated, pre-terminated wiring solutions
- Pre-wired metallic raceway
- Plug-n-play data center solutions







### Energy Efficiency

Many colleges and universities are striving for maximum energy savings and sustainability, as evidenced by the growing number of institutions acquiring various levels of LEED certification.



- Occupancy and daylight harvesting sensors
- Data center space savings and airflow management

### Safety and Durability

Residence halls and public spaces require solutions that prevent electrical shock and trip hazards, while harsh outdoor stadium environments, food service, medical and science facilities require durable, reliable devices.



- Harsh environment and watertight devices
- Surge protection and motor disconnects
- Safe temporary power solutions

# Classrooms and Learning Spaces



Today's classroom offers a new type of learning environment with educators using state-of-the-art smartboards, video conferencing, and multimedia technologies to engage students. At the same time, these frequently-used spaces require solutions that enable fast, efficient installations and provide cost-effective, safe learning environments for educators and students.

### Power, Data and Audio/Video Delivery

Classrooms and learning spaces require comprehensive wall, ceiling and in-floor solutions that deliver power, data and AV to a variety of technology devices and equipment.

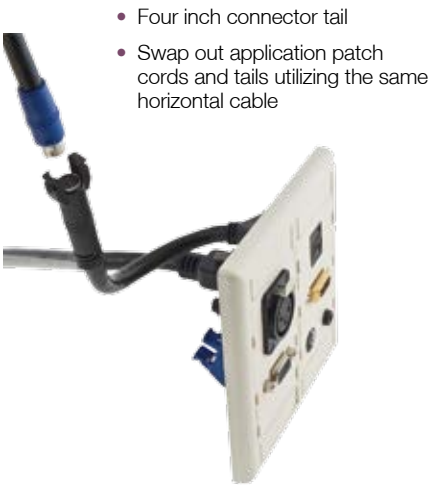
### Installation Efficiency

When it comes to upgrading or installing new devices in classrooms, contractors and maintenance personnel need to get in and out of these spaces as quickly and efficiently as possible.

**Class Rooms • Libraries • Lecture Halls • Computer Labs • Restrooms**



## Hubbell X-END AV Plug-n-Play System



- Four inch connector tail
- Swap out application patch cords and tails utilizing the same horizontal cable

### AV Plug-n-Play X-END Horizontal Cable Runs, Male, Black

Description	Catalog No.
Non-plenum, 8-pin	<b>VGA6xxBK</b>
Plenum, 8-pin	<b>VGA6PxxBK</b>
Non-plenum, 8-pin, with 3.5mm	<b>VGA36xxBK</b>
Plenum, 8-pin, with 3.5mm	<b>VGA36PxxBK</b>

xx = Length: **15** (15 ft), **25** (25 ft), **35** (35 ft), **50** (50 ft), **75** (75 ft), and **100** (100 ft)  
Contact Hubbell customer service for custom lengths, minimum quantities and lead times may apply.



### VGA Plug-n-Play X-END Connections



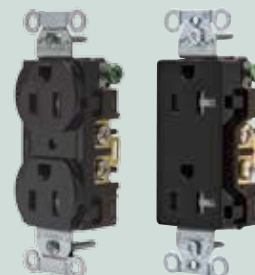
Quantity	15-Pin (F) to 8-Pin (F)				15-Pin (M) to 8-Pin (M) 8" Tail	
	Straight 180°	Angled 45°	Angled 90°	8" Tail	Non-Plenum	Plenum
1-Pack	<b>15S6P1</b>	<b>15A6P1</b>	<b>15N6P1</b>	<b>15T6P1</b>	<b>15M6P1</b>	<b>15MP6P1</b>
10-Pack	<b>15S6P10</b>	<b>15A6P10</b>	<b>15N6P10</b>	<b>15T6P10</b>	<b>15M6P10</b>	<b>15MP6P10</b>



# Classrooms and Learning Spaces



## Additional Products of Interest



### Tamper-Resistant Receptacles

Hubbell offers a variety of tamper-resistant receptacles that comply with NEC requirements that all 15A and 20A 125V receptacles shall be "tamper-resistant" in child care facilities and residencies.



### RE-BOX® Remote Equipment Cabinet

RE-BOX® provides an efficient and organized enclosure to house patch panels and active equipment in classrooms to a remote telecom room.



### HDMI 110 UTP Extenders

Designed to provide aesthetically-pleasing access to video and audio, the 110 style connections transport 1080p video and flawless audio.

## Data and Audio/Video Connectivity

Hubbell's netSELECT® FPTV connection enclosure delivers high-density connectivity and power in the wall. In-wall connections allow flat panel displays and interactive smartboards to sit flush without dangling cords. It quickly installs to studs or sheetrock without additional components or hardware.



### FPTV Connection Enclosure

2-gang in-wall enclosure, white  
Steel cover for NSA6 series, white

**NSAV62M**  
**NSAV6C**



### Hubbell iSTATION HDMI 110 UTP Extenders

110 UTP HDMI extender (pair), Decorator  
5 Volt DC, 2 4-pair Module  
**ISFH110xx**  
**IMH1102xx**  
xx = Color: **BK** (Black), **EI** (Electric Ivory), **GY** (Gray),  
**OW** (Office White), and **W** (White).

### Power Kits

Standard power kit, white  
Surge protected power kit, blue

**NSOKP**  
**NSOKPS**



### Unloaded 1-Gang Plates and Frames

Hubbell iSTATION adapter frame  
Blank plate, white  
Decorator plate, white  
iSTATION plate, white  
4-port keystone plate, white

**NSAVIMFW**  
**NP14W**  
**NP26W**  
**IMF1W**  
**NSP14W**

## Energy Efficiency

Lighting classrooms consumes a substantial amount of the education budget. However, significant savings can be realized by turning off lights when they are not needed. Occupancy sensors provide an inexpensive way to guarantee that energy waste is kept to a minimum.

### H-MOSS® Ceiling Sensors



### Adaptive Dual Technology

2000 sq. ft. **ATD2000C**  
1000 sq. ft. **ATD1000C**  
500 sq. ft. **ATD500C**

All ceiling sensors must use a control unit.

### Adaptive Ultrasonic Technology

2000 sq. ft. **ATU2000C**  
1000 sq. ft. **ATU1000C**  
500 sq. ft. **ATU500C**

### Ceiling Accessories

Infrared NEMA 4X Enclosure **ACIPE**  
Ceiling Mount Wire Guard **ACMG**  
Raceway Adapter **ACMRA**



### Control Unit

120/277V AC, 50/60 Hz for use with ATD, ATU  
and ATP series ceiling/wall mount sensors  
Same as CU300A above, manufactured in U.S.A.

**CU300A**

**CU300AU**

## Power and Multimedia Delivery

The AV Ceiling Enclosure is designed to work with active AV devices to integrate AV distribution, data connections and power in one location, providing a direct connection to a projector or a display device.

### AV Ceiling Enclosure

White enclosure 24"x12"x 8", 2-20 Amp Non-Plenum **AVCE1**  
duplex receptacles & 2-gang back box Plenum Rated **AVCE1P**  
Data Kit **AVCE1KIT**

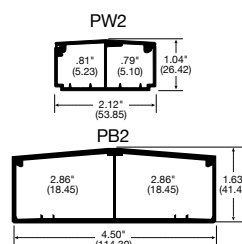


### Non-Metallic Raceway

Two channel raceway. 5 ft., 7 ft. or 10 ft. lengths.

Description	5 ft.	7 ft.	10 ft.
Base & Cover	<b>PW2BC5</b>	<b>PW2BC7</b>	—
With Adhesive	<b>PW2ABC5</b>	<b>PW2ABC7</b>	—
Base	<b>PB2B5</b>	—	<b>PB2B10</b>
Cover	<b>PB2C5</b>	—	<b>PB2C10</b>
Split Cover	<b>PB2SPL5</b>	—	<b>PB2SPL10</b>

For full offering of Raceways and fittings, please visit our online catalog.







Administration offices have similar technology needs to classrooms, but are more focused on ensuring maximum productivity. Faculty and staff are using technology to improve communication, productivity and organizational development. These spaces also strive to conserve energy and are designed to be more aesthetically pleasing while offering a modern, more productive working environment for staff.

## Energy Efficiency

Energy saving H-MOSS® wall switches automatically turn OFF lights in vacant offices and conference rooms to reduce energy consumption on campus.

## Power, Data and Audio/Video Delivery

Reliable surge strips and receptacles keep equipment up and running while the delivery of power and data supports the proliferation of computers, access to systems and information, and enhanced communication.

Offices • Conference Rooms • Break Rooms • Restrooms

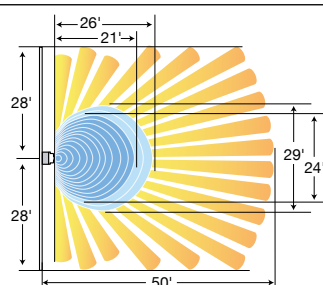
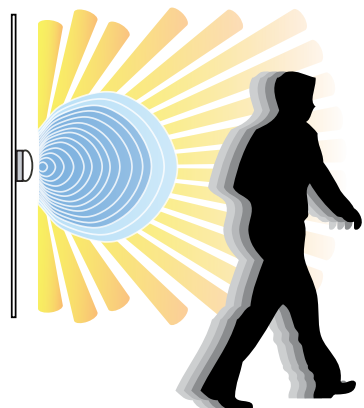


## H-MOSS® Wall Switches

### Dual (Ultrasonic and Passive Infrared)

1000 square foot coverage with photocell, 800W Incandescent, 1000W Fluorescent at 120V AC, 1800W Fluorescent at 277V AC, 50/60Hz

Description	Ivory	White
Single Circuit; 1 Button for manual/auto control	<b>AD2000I1</b>	<b>AD2000W1</b>
Single Circuit; Auto control with no button	<b>AD2000I1N</b>	<b>AD2000W1N</b>
Dual Circuit; 2 Buttons for manual/auto control	<b>AD2000I2</b>	<b>AD2000W2</b>
Dual Circuit; Auto control with no button	<b>AD2000I2N</b>	<b>AD2000W2N</b>



Minor Motion: ■ Ultrasonic ■ PIR Major Motion: ■ Ultrasonic ■ PIR



Two Button



One Button



No Buttons



# Administration Offices

## Power and Multimedia Delivery

Hubbell SystemOne features a unique universal cover assembly and a wide variety of application sub-plates that install on Hubbell SystemOne Fire-Rated Poke-Throughs and floor boxes. Hubbell SystemOne delivers a consistent, aesthetic and functional solution for applications in the floor or through the floor.

### Hubbell SystemOne



#### Fire-Rated Poke-Throughs

Description	Assembled Units*	Through Floor Fittings
(4) 20A; (4) keystone	<b>S1PT4X4xx</b>	<b>S1PT4X4FIT</b>
Dual Style Line®	<b>S1PTxx</b>	<b>S1PTFIT</b>
Modular AV	<b>S1PT3IMxx</b>	<b>S1PTAVFIT</b>
Furniture Feed	<b>S1PTFFxx</b>	—

\*Factory assembled units include through floor fitting, cover and sub-plate.

For full offering of SystemOne sub-plates and accessories, please visit our online catalog.

#### Sub-Plates

Style Line® Decorator/ GFCI for power and/or AV	<b>S1SP</b>
(4) 20A and (4) keystone openings	<b>S1SP4X4</b>
StyleLine® Decorator/ Duplex for power and/or AV	<b>S1SPDUSL</b>

#### Covers

Cast aluminum	Carpet	<b>S1CFCxx</b>
construction with a durable powder coat finish	Tile	<b>S1TFCxx</b>

xx = Color/Finish: **AL** (Aluminum Finish), **BRS** (Brass Finish), **BL** (Black) and **GY** (Gray).



## Additional Products of Interest



### SystemOne Recessed 6" and 8" Fire-Rated Poke-Throughs

Designed to handle today's increasing data and AV requirements while providing the highest quality finish with greater durability than paint. Available in the following plated finishes: brass, nickel & oil rubbed bronze, recessed SystemOne products are easily installed with a standard 6 or 8 inch core hole, or with our available pre-pour tubes.



### Energy Efficiency

Adaptive Technology is a Hubbell breakthrough that delivers benefits to both building owners and occupants. The building owner achieves reduced energy costs, fewer adjustments and less maintenance, and the building occupant experiences fewer false-OFFs and disturbances.

## AV Connections

Hubbell iSTATION products provide a consistent and practical solution for delivering all types of connections where you need them — in the wall, floor or table. Hubbell iSTATION's modular design allows users to custom configure plate solutions to their requirements.



#### Modular Face Plate Frames

Front Loading Frames	1-Gang	<b>IMF1xx</b>
	2-Gang	<b>IMF2xx</b>



#### Modules

RCA Component, Video, Solder, 1 Unit	<b>IMCRS1xx</b>
RCA Component, Video, Gold, Pass-Through, F/F Coupler, 1 Unit	<b>IMCRF1</b>
HDMI Feed-Through Coupler	<b>HDMIC14</b>
Keystone HDMI Feed-Through	<b>SFHC14xx</b>

#### Unloaded Modules

Keystone; 1-Port; 1 Unit	<b>IM1K1xx</b>
Keystone; 2-Port; 1 Unit	<b>IM2K1xx</b>
SC Angled; 1-Duplex; 1.5 Unit	<b>IM1SCA15xx</b>
SC Angled; 2-Duplex; 2 Unit	<b>IM2SCA2xx</b>



#### Blank 15-Pin/9-Pin HDMI

HD15/9-pin or HDMI; 1 Unit	<b>IMBDS1xx</b>
w/ 3.5mm Stereo Jack; 1.5 Unit	<b>IMBDSA15xx</b>
w/ 3.5mm SJ+AV Conn; 2 Unit	<b>IMB153X2xx</b>



xx = Color: **AL** (Almond), **BK** (Black), **EI** (Ivory), **GY** (Gray), **OW** (Office White) and **W** (White).

## Data and Audio/Video Connectivity

Hubbell's category rated modular jacks and patch cords provide leading edge performance and innovative designs to support today's Ethernet protocols, IP devices and high bandwidth audio video applications.



#### Data Jacks

Description	Category 6A	Category 6	Category 5e
1 per Bag/Carion of 25	<b>HJ6Axx</b>	<b>HXJ6xx</b>	<b>HXJ5Exx</b>
25 per Bag/Carion of 1	<b>HJ6Axx25</b>	<b>HXJ6xx25</b>	<b>HXJ5Exx25</b>

xx = Color: **AL** (Almond), **B** (Blue), **BK** (Black), **EI** (Electric Ivory), **GL** (Gold), **GY** (Gray), **GN** (Green), **LA** (Light Almond), **OW** (Office White), **OR** (Orange), **P** (Purple), **R** (Red), **TI** (Telco Ivory), **W** (White) and **Y** (Yellow).



#### Patch Cords

Description	Category 6A	Category 6	Category 5e
Snagless Design	<b>HC6Axxyy</b>	<b>HC6xxyy</b>	<b>HC5Exxxy</b>

xx = Color: **B** (Blue), **BK** (Black), **GY** (Gray), **GN** (Green), **OR** (Orange), **P** (Purple), **R** (Red), **W** (White) and **Y** (Yellow).  
yy = Standard Length: **01** (1ft), **03** (3ft), **05** (5ft), **07** (7ft), **10** (10ft), **15** (15ft), **20** (20ft).



### Hubbell Surge Protective Devices (SPDs)

A cascading approach is encouraged for optimal protection that includes surge protection at the service entrance, branch panel and the point-of-use. Hubbell offers a comprehensive offering of panel surge products, innovative surge strips, and the broadest surge receptacle offering in the industry.



# Residence Halls



With more information, classes and entertainment being delivered online, technology has become an integral component of student life. In fact, advanced technology is one of the most vital components for continuing educational facilities to attract students. At the same time, safe living environments are paramount to protecting students and reducing risk.

## Power, Data and Audio/Video Delivery

Hubbell's wide range of voice, data and video connectors and plates are ideal for delivering internet access, entertainment, phone service and security systems to residence halls.

## Safety and Durability

Frequent plugging in of electronics in these spaces requires durable wiring devices, while bathrooms, kitchenettes and other potentially damp areas need tamper and weather resistant GFCI receptacles to ensure protection of students.

**Dorm Rooms • Common Areas • Kitchens • Restrooms**



## Tamper-Resistant GFCI Receptacles




The combination of GFCI protection and tamper-resistant safety provides an ideal "one-stop" Hubbell solution. Hubbell tamper-resistant GFCI devices also include a weather resistant rating per NEC® 406.8, providing UV and corrosion resistance.



### AUTOGUARD® GFCI Receptacles Tamper-Resistant, Weather Resistant



Description	Color	15A 120 V AC	20A 125V AC
Flush, nylon face, back and side wired, multiple drive screws, automatic grounding clip 	Almond	<b>GFTWRST15AL</b>	<b>GFTWRST20AL</b>
	Black	<b>GFTWRST15BK</b>	<b>GFTWRST20BK</b>
	Brown	<b>GFTWRST15</b>	<b>GFTWRST20</b>
	Gray	<b>GFTWRST15GY</b>	<b>GFTWRST20GY</b>
	Ivory	<b>GFTWRST15I</b>	<b>GFTWRST20I</b>
	Light Almond	<b>GFTWRST15LA</b>	<b>GFTWRST20LA</b>
	Red	<b>GFTWRST15R</b>	<b>GFTWRST20R</b>
	White	<b>GFTWRST15W</b>	<b>GFTWRST20W</b>

# Residence Halls

## Installation Efficiency

Hubbell's SNAPConnect receptacles make installation fast, easy and consistent so you can complete projects sooner — saving more than three minutes per device!



### SNAPConnect® Receptacles and GFCI

Config.	NEMA	Color	Duplex	Style Line® Decorator	Commercial Grade GFCI
	15A 125V	Black	<b>SNAP5262BKA</b>	<b>SNAP2152BKA</b>	<b>GFR15SNAPBKNA</b>
		Ivory	<b>SNAP5262IA</b>	<b>SNAP2152IA</b>	<b>GFR15SNAPINA</b>
		White	<b>SNAP5262WA</b>	<b>SNAP2152WA</b>	<b>GFR15SNAPWNA</b>
		Other	<b>SNAP5262xx</b>	<b>SNAP2152xx</b>	<b>GFR15SNAPxxNA</b>
	20A 125V	Black	<b>SNAP5362BKA</b>	<b>SNAP2162BKA</b>	<b>GFR20SNAPBKNA</b>
		Ivory	<b>SNAP5362IA</b>	<b>SNAP2162IA</b>	<b>GFR20SNAPINA</b>
		White	<b>SNAP5362WA</b>	<b>SNAP2162WA</b>	<b>GFR20SNAPWNA</b>
		Other	<b>SNAP5362xxA</b>	<b>SNAP2162xxA</b>	<b>GFR20SNAPxxNA</b>

xx = Color: **AL** (Almond), **No** Suffix (Brown), **GY** (Gray), **LA** (Light Almond) and **R** (Red).

### SNAPConnect® Right Angle Pigtailed Connector

Clear right angle terminal with 6 inch leads #12 AWG THHN/THWN-2, 600V wire

Solid wire **SNAP1RA**  
Stranded wire **SNAP2RA**

## Energy Efficiency

Significant savings can be realized by turning off lights when they are not needed. Occupancy sensors provide an inexpensive way to guarantee that energy waste is kept to a minimum.

### Adaptive Passive Infrared Technology Wall Switches

1-Circuit, 1-button	<b>AP2000xx1</b>
1-Circuit, no button	<b>AP2000xx1N</b>
2-Circuit, 2-buttons	<b>AP2000xx2</b>
2-Circuit, no buttons	<b>AP2000xx2N</b>

xx = Color: **BK** (Black), **GY** (Gray), **I** (Ivory), **LA** (Light Almond) and **W** (White).

### Ceiling Sensors

1500 sq. ft.	<b>ATP1500C</b>
450 sq. ft.	<b>ATP600C</b>

### Wall Mount Sensors

1600 sq. ft.	<b>ATP1600W</b>
--------------	-----------------

Ceiling and wall mount sensors must use a control unit.

### Control Units

120/277V AC, 50/60Hz for use with ATP series ceiling/wall mount sensors

Same as CU300A above, manufactured in U.S.A. **CU300AU**

### Accessories Ceiling

Infrared NEMA 4X Enclosure **ACIPE**  
Ceiling Mount Wire Guard **ACMG**  
Raceway Adapter **ACMRA**

### Wall Mount and Switch

Wall Switch Wire Guard **AWSG**  
Wall Mount Wire Guard **AWMG**

## Data and Audio/Video Connectivity

Requiring no solderin, these connectors install with a snap and provide quick, easy "screw-on" termination. Compatible with TV, CATV and CCTV, home theater and entertainment systems, satellite, security and surveillance systems, VCR/DVD applications.

### F-Type Connectors

<b>SFFxxX</b>	<b>SFFGxx</b>	<b>SFRFGxx</b>	<b>SFGRFxx</b>

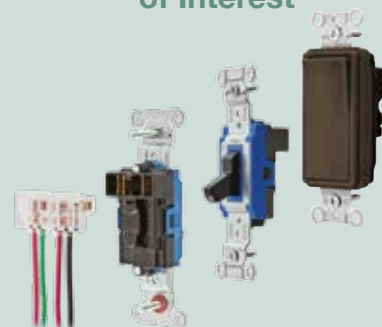
xx = Color: **AL** (Almond), **BK** (Black), **GY** (Gray), **EI** (Ivory), **LA** (Light Almond), **OW** (Office White) or **W** (White).  
**SFRFG** Series not available in Almond or Light Almond. **SFGRF** Series not available in Light Almond.

### IFP Faceplates

Delivery	1-Port	2-Port	Single Gang 3-Port	4-Port	6-Port	Double Gang 9-Port	12-Port
1/bag, Carton/25	<b>IFP11xx</b>	<b>IFP12xx</b>	<b>IFP13xx</b>	<b>IFP14xx</b>	—	—	—
1/bag, Carton/10	—	—	—	—	<b>IFP26xx</b>	<b>IFP29xx</b>	<b>IFP212xx</b>

xx = Color: **AL** (Almond), **BK** (Black), **EI** (Electric Ivory), **GY** (Gray), **LA** (Light Almond), **OW** (Office White) or **W** (White).

## Additional Products of Interest



### SNAPConnect® Switches

Hubbell SNAPConnect® Switches offer a modular design that improves installation efficiency and simplifies change-outs. Available in 15A and 20A, single-pole and three way devices.



### Wireless Sensors

Start saving immediately with Hubbell's new wireless lighting controls. They require no additional wiring and install quickly — perfect for rapidly changing environments or areas with difficult access.



### SpikeShield® Surge Strips

Hubbell SpikeShield surge protective devices feature a wide range of products to handle every application or need. A good-better-best approach to surge protection levels offers products at every price point; this allows customers to choose the proper protection level for their application.





**Cafeterias • Kitchens • Book Stores • Student Lounge**



Both primary and continuing education facilities include food preparation areas, requiring easy-to-use, safe and durable power connections that accommodate a variety of appliances. Today's education facilities also strive to deliver advanced technology to food service areas for Internet access, digital signage for displaying menus, entertainment systems, and point-of-sale registers.

## Safety and Durability

Hubbell offers an array of ground fault and watertight devices that are ideal for use in kitchen and food service areas, as well as disconnect switches to safely shut-down larger machinery like dishwashers and exhaust systems.

## Power, Data and Audio/Video Delivery

Flat panel TV enclosures are ideal for keeping cords hidden behind digital signage systems in cafeterias while HI-Impact enclosures protect equipment needed to deliver power, data and multimedia.

## Flat Panel TV Enclosures

Hubbell's netSELECT® FPTV in-wall connection enclosure allows flat panel displays and interactive smartboards to sit flush without dangling cords. It quickly installs to studs or sheetrock without additional components or hardware.

### FPTV Connection Enclosure

2-gang in-wall enclosure, white **NSAV62M**  
Steel cover for NSAV6 series, white **NSAV6C**



### Power Kits

Standard power kit, white **NSOKP**  
Surge protected power kit, blue **NSOKPS**





## Additional Products of Interest



### Watertight Devices

When it comes to safety, most everyone knows that water and electricity can create a dangerous environment. Ensuring a watertight seal for electrical devices is critical to ensuring maximum safety of personnel in any wet environment. Hubbell Watertight Twist-Lock® devices have become the industry standard for maintaining a watertight seal.

## Power Connections

Large equipment like back-up generators, compactors, loading dock equipment, HVAC units and air handlers all need high-capacity, safe and reliable power. These enclosures are non-metallic Type 4X Rated for washdown.



### Circuit-Lock®

#### Unfused Disconnect Switches

Description	Catalog No.
30A disconnect switch	<b>HBLDS3*</b>
60A disconnect switch	<b>HBLDS6*</b>
100A disconnect switch	<b>HBLDS10*</b>
Auxiliary contacts, "break after main break" 1 set of n/o & n/c contacts	<b>HBLAC1</b>
Auxiliary contacts, "break before main break" 1 set of n/o contacts	<b>HBLAC2</b>

\*Add suffix "AC" for disconnect with one HBLAC1 aux. contact.



### Circuit-Lock®

#### Fused Disconnect Switches

Description	Catalog No.
30A disconnect switch	<b>FDS30*</b>
60A disconnect switch	<b>FDS60*</b>
Auxiliary contacts, normally open, A600 pilot duty	<b>ACFSNO</b>
Auxiliary contacts, normally closed, A600 pilot duty	<b>ACFSNC</b>

\*Class "J" fuses not included.

30A Units supplied with (2) 1 in. N.P.T. raintight conduit fittings.

60A Units supplied with (2) 1 1/4 in. N.P.T. raintight conduit fittings.

## Power and Multimedia Delivery

Hubbell's HI-Impact enclosures are available in NEMA 3R, 4, 4X, 12 and 13 ratings, providing a mini telecom room for harsh environments.

### User-Configurable Version

Description	Height		
	24" (610)	36" (914.4)	48" (1219.2)
Cold Rolled Steel, Gray Powder Coat, NEMA 3R	<b>IR2U3RG</b>	<b>IR3U3RG</b>	—
Cold Rolled Steel, Gray Powder Coat, NEMA 4/12/13	<b>IR2UG</b>	<b>IR3UG</b>	<b>IR4UG</b>
Stainless Steel, Brushed, Unpainted, NEMA 4X	<b>IR2USS</b>	<b>IR3USS</b>	—



### Pre-Configured Version

Description	Height	
	36" (914.4)	48" (1219.2)
Cold Rolled Steel, Gray Powder Coat, NEMA 4/12/13	<b>IR3PG</b>	<b>IR4PG</b>
Contents: 1 enclosure; 1 bottom-hinged patch panel bracket, 4U (REK19); and 1 equipment mounting bracket, 5U (REKZ).		

## Power Connections

Watertight Safety-Shroud® Twist-Lock® devices are constructed of highly impact-resistant thermoplastic for a UL Type 4X rating in heavy duty environments. The integral Safety-Shroud virtually eliminates bent and broken plug blades, leading to longer equipment life while providing extra protection for personnel.

### Watertight Safety-Shroud® Twist-Lock®

NEMA Rating	Color	Coded by Voltage	Poles/Wires	Plug	Connector	Receptacles
20A	125V	(1)	L5-20	2P/3W	<b>HBL2311SW</b>	<b>HBL2313SW</b> <b>HBL2310SW</b>
20A	250V	(1)	L6-20	2P/3W	<b>HBL2321SW</b>	<b>HBL2323SW</b> <b>HBL2320SW</b>
20A	277V AC	(1)	L7-20	2P/3W	<b>HBL2331SW</b>	<b>HBL2333SW</b> <b>HBL2330SW</b>
20A	3Ø 250V	(1)	L15-20	3P/4W	<b>HBL2421SW</b>	<b>HBL2423SW</b> <b>HBL2420SW</b>
30A	3Ø 250V AC	(1)	L15-30	3P/4W	<b>HBL2721SW</b>	<b>HBL2723SW</b> <b>HBL2720SW</b>
30A	3Ø 480V AC	(1)	L16-30	3P/4W	<b>HBL2731SW</b>	<b>HBL2733SW</b> <b>HBL2730SW</b>



### Stainless Steel Data Plates

Stainless steel plates are designed for flush mounting of Hubbell connectivity providing corrosion resistance from frequent washdown.





Lecture Halls • Conference Rooms • Gymnasiums • Auditoriums



Education facilities typically include auditoriums and performing arts centers for a variety of learning and entertainment activities including band performances, plays and general assemblies, or large-scale seminars, theatre productions and award ceremonies. These spaces must accommodate the latest audio-visual technology for presentations while providing maximum reliability to ensure that the show goes on.

### Power, Data and Audio/Video Delivery

From access to multimedia applications at the presenter’s podium on stage, to projection, lighting, curtain and sound systems, these spaces require a variety of power and low-voltage systems.

### Safety and Durability

Twist-Lock® devices and single-pole plugs maintain reliable power connections to prevent performance interruptions while wire mesh grips and cable protection systems maintain the integrity of electrical cords, cables and conduit.

## Twist-Lock® Devices

Insulgrip® Twist-Lock® devices available in 20A and 30A maintain Hubbell’s classic integrity, solid construction and safety features that make these the “Industry Standard”. The plug and connector feature a powerful cord grip, and nylon body and housing for impact resistance.



Twist-Lock® Locking Devices						
NEMA Rating	Color Coded by Voltage	Poles/Wires	Plug	Connector	Receptacle	
15A 125V		L5-15	2P/3W	<b>HBL4720C</b>	<b>HBL4729C</b>	<b>HBL4710</b>
20A 125V		L5-20	2P/3W	<b>HBL2311</b>	<b>HBL2313</b>	<b>HBL2310</b>
20A 250V		L6-20	2P/3W	<b>HBL2321</b>	<b>HBL2323</b>	<b>HBL2320</b>
20A 3Ø 250V		L15-20	3P/4W	<b>HBL2421</b>	<b>HBL2423</b>	<b>HBL2420</b>
20A 3Ø 480V		L16-20	3P/4W	<b>HBL2431</b>	<b>HBL2433</b>	<b>HBL2430</b>
30A 3Ø 250V		L15-30	3P/4W	<b>HBL2721</b>	<b>HBL2723</b>	<b>HBL2720</b>
30A 3Ø 480V		L16-30	3P/4W	<b>HBL2731</b>	<b>HBL2733</b>	<b>HBL2730</b>



# Auditorium and Performing Arts



## Additional Products of Interest

## Safety and Security

Single pole devices are the right choice for supplying temporary electrical power distribution to numerous applications. Single pole devices have been designed with ease of assembly and disassembly in mind, no special tools are required.

### Single Pole Plugs

Thermoplastic elastomer

Description	Male	Female
300 Amp, cable sizes #4 - 2/0	<b>HBL300Mxx</b>	<b>HBL300Fxx</b>
400 Amp, cable sizes 2/0 - 4/0	<b>HBL400Mxx</b>	<b>HBL400Fxx</b>



### Single Pole "T's" and Tri-Taps

Tapping "T" (F-F-M)	<b>HBLTxx</b>
Paralleling "T" (F-M-M)	<b>HBLPTxx</b>
Tri-Tap (M-F-F-F)	<b>HBLM3Fxx</b>
Tri-Tap (F-M-M-M)	<b>HBLF3Mxx</b>



### Single Pole Receptacles

Thermoplastic elastomer

	Through Hole Mounting	
	Female	Male
400 Amp Panel Mount, mates with 300 and 400 Amp plugs.	<b>HBLFRSxx</b>	<b>HBLMRSxx</b>



### Single Pole Distribution Block

1 Male, 6 Females	<b>HBL7DBxx</b>
-------------------	-----------------



xx = Color: **BK** (Black), **BL** (Blue), **BN** (Brown), **GN** (Green), **O** (Orange), **R** (Red), **W** (White) and **Y** (Yellow).

## Data/Audio Wall Mount Enclosure

QUADCAB® wall mount enclosures are an ideal solution for remote audio/video and data applications.

### QUADCAB® Wall Mount Enclosure

Contents: (1) Rear section (arrives disassembled facilitating installation)  
(1) Front door; (2) 19" mounting angles; (1) Center section with  
(2) CH751 locks; (2) Top/bottom cover plates; (2) Hinge pins;  
(2) Security cotter pins

Height	Depth	Rack Units	Rear Wall Unit	Color*	Window Door	Solid Door
24" (609)	20" (508)	12	2	Black	<b>HSQ24</b>	<b>HSQ24S</b>
24" (609)	26" (660)	12	2	Black	<b>HSQ2426</b>	<b>HSQ24S26</b>
24" (609)	36" (914)	12	2	Black	<b>HSQ2436</b>	<b>HSQ24S36</b>
36" (914)	20" (508)	19	4	Black	<b>HSQ36</b>	<b>HSQ36S</b>
36" (914)	26" (660)	19	4	Black	<b>HSQ3626</b>	<b>HSQ36S26</b>
36" (914)	36" (914)	19	4	Black	<b>HSQ3636</b>	<b>HSQ36S36</b>
48" (1219)	20" (508)	26	6	Black	<b>HSQ48</b>	<b>HSQ48S</b>
48" (1219)	26" (660)	26	6	Black	<b>HSQ4826</b>	<b>HSQ48S26</b>
48" (1219)	36" (914)	26	6	Black	<b>HSQ4836</b>	<b>HSQ48S36</b>

\*For Office White, add "W" to the end of the Catalog No.



### High Amp Straight Blade

Hubbell offers a complete line of heavy duty 30, 50 and 60 Amp devices. Captive Allen head terminal screws permit high torque and clamping pressure required for larger size conductors used in copier, range and dryer applications.

## Wire Securedness and Strain Relief

Hubbell wire mesh grips are designed to prevent strain from being transmitted to joints and terminals on electrical cords, cables and conduit. This provides greater security than using a fitting alone, making electrical systems safer by preventing cable pull-out and controlling cable arc-of-bend.

### Kellems® Grips

#### Single Eye, Closed Mesh\*\*

For permanent support when cable end is available to be installed through grip.

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lb. (N)	Catalog No.
.50"- .62" (1.27-1.57)	530 (2,357)	<b>02201013</b>
.63"- .74" (1.60-1.88)	790 (3,514)	<b>02201014</b>
.75"- .99" (1.90-2.51)	1,020 (4,537)	<b>02201015</b>
1.00"- 1.24" (2.54-3.15)	1,610 (7,161)	<b>02201017</b>
1.25"- 1.49" (3.17-3.78)	1,610 (7,161)	<b>02201018</b>
1.50"- 1.74" (3.81-4.42)	1,610 (7,161)	<b>02201019</b>

\*\*Change catalog number from **022** to **024** for stainless steel. Consult factory for availability.



#### Single Eye, Split Mesh, Rod Closing\*\*

For support when cable end is not available.

Cable Diameter Range Inches (cm)	Approx. Breaking Strength Lb. (N)	Catalog No.
.50"- .62" (1.27-1.57)	790 (3,514)	<b>02203013</b>
.63"- .74" (1.60-1.88)	790 (3,514)	<b>02203014</b>
.75"- .99" (1.90-2.51)	1,020 (4,537)	<b>02203015</b>
1.00"- 1.24" (2.54-3.15)	1,610 (7,161)	<b>02203017</b>
1.25"- 1.49" (3.17-3.78)	1,610 (7,161)	<b>02203018</b>
1.50"- 1.74" (3.81-4.42)	1,610 (7,161)	<b>02203019</b>

\*\*Change catalog number from **022** to **024** for stainless steel. Consult factory for availability.



### IEC Pin & Sleeve

Provide safe and dependable performance in the most demanding environments. Heavy duty non-conductive nylon construction provides impact and corrosion protection. Pin & Sleeve devices are available in 20A 600V to 100A 600V.



# Science and Research Laboratories



**Computer Labs • Science Labs • Research Labs**



Whether it's the typical high-school science lab, or a more sophisticated university research facility, science and research laboratories require an array of solutions to deliver power and technology where it's needed. These spaces can also be exposed to corrosive chemicals and wash downs, requiring extremely durable product solutions designed to withstand harsh environments.

## Power, Data and Audio/Video Delivery

Hubbell's complete line of metal and non-metallic raceway is optimal for delivering power and technology to the point of use in laboratories while offering maximum flexibility for changing needs.

## Safety and Durability

Hubbell's complete line of GFCI and duplex receptacles maintain reliable power and safety in harsh laboratory environments, while stainless steel plates resist oxidation and corrosion.

## Pre-Wired Raceway Systems



- Hubbell Pre-Wired Raceway saves time and money by completing the job quicker and on schedule
- Local and factory support available to assist in defining bills of material
- Raceway ducts are kitted, labeled and shipped by room, area or floor locations

### Aluminum Pre-Wired Raceway

Satin Anodized Finish

Description	Dimension*
HBLALU3800 Series Single Channel	A: 2.25" (57.15) B: 3.00" (76.20)
HBLALU4800 Series Two Channel	A: 2.25" (57.15) B: 6.00" (152.40)
HBLALU5000 Series Two Channel	A: 1.75" (44.45) B: 5.08" (129.03)
HBLALU7620 Series Three Channel	A: 2.25" (57.15) B: 7.62" (193.55)



### Steel Pre-Wired Raceway

Ivory or Gray Finish

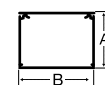
Description	Dimension*
HBL3000 Series Single Channel	A: 1.53" (38.86) B: 2.75" (69.85)
HBL4750 Series Single or Two Channel (with Divider)	A: 1.75" (44.45) B: 4.75" (120.65)
HBL6750 Series Two Channel (w/1 divider) Three Channel (w/2 dividers)	A: 2.22" (56.39) B: 6.75" (171.45)



### Non-Metallic Pre-Wired Raceway

Office White Color

Description	Dimension*
PB2 BaseTrak® Series Single Channel	A: 1.63" (41.40) B: 4.50" (114.30)
PS3 Super BaseTrak® Series, Three Channel	A: 1.97" (50.04) B: 6.70" (170.18)



\*Dimensions:  
A= Height, B= Width



## Additional Products of Interest

## Safety and Security

Hubbell's top-of-the-line Ground Fault receptacles are available with or without Hubbell's patented Self Test technology which requires no user interface to test the device. Both versions feature Hubbell's exclusive tamper-resistant design. The Hubbell TR design employs an electro-mechanical switching mechanism to obtain the tamper-resistant safety feature.

### AUTOGUARD® Self Test GFCI Receptacles

Description	Color	15A 125V	20A 125V
Flush, polyester face, back and side wired, multiple drive screws	Black	<b>GFR5262SGBK</b>	<b>GFR5362SGBK</b>
	Brown	<b>GFR5262SG</b>	<b>GFR5362SG</b>
	Gray	<b>GFR5262SGGY</b>	<b>GFR5362SGGY</b>
	Ivory	<b>GFR5262SGI</b>	<b>GFR5362SGI</b>
	Red	<b>GFR5262SGR</b>	<b>GFR5362SGR</b>
	White	<b>GFR5262SGW</b>	<b>GFR5362SGW</b>

### Circuit Guard® GFCI Receptacles

Description	Color	15A 125V	20A 125V
	Black	<b>GFR5262BKTR</b>	<b>GFR5362BKTR</b>
	Brown	<b>GFR5262TR</b>	<b>GFR5362TR</b>
	Gray	<b>GFR5262GYTR</b>	<b>GFR5362GYTR</b>
	Ivory	<b>GFR5262ITR</b>	<b>GFR5362ITR</b>
	Red	<b>GFR5262RTR</b>	<b>GFR5362RTR</b>
	White	<b>GFR5262WTR</b>	<b>GFR5362WTR</b>

## Data and Audio/Video Connectivity

Hubbell's Surface Mount Boxes are designed to facilitate today's most demanding workstation needs. Available in five sizes to accommodate 1, 2, 4, 6 and 12 Hubbell jacks and Audio/Video connectors, each box encompasses the right combinations of features and density for UTP, audio, video and fiber optic applications.



ISB Surface Mount Boxes	12-Port	6-Port	4-Port	2-Port	1-Port
	<b>ISB12xx</b>	<b>ISB6xx</b>	<b>ISB4xx</b>	<b>ISB2xx</b>	<b>ISB1xx</b>

xx = Color: **BK** (Black), **EI** (Electric Ivory), **GY** (Gray), **OW** (Office White) and **W** (White).

### POLYTRAK® Raceway Compatibility Chart

Series	PP	PL	PW	PB
<b>ISB1</b>	✓	✓	✓	✓*
<b>ISB2</b>	✓	✓	✓	✓*
<b>ISB4</b>	✓	✓	✓	✓*
<b>ISB6</b>	✓	—	—	✓*
<b>ISB12</b>	✓	—	—	✓*

\*Use #PB3REDA transition fitting.

### Non-Metallic Raceway

	w/o Adhesive	with Adhesive
PP1 PremiseTrak (Latching)	<b>PP1BCxx</b>	<b>PP1ABCxx</b>
PL1 LANTrak (Latching)	<b>PL1BCxx</b>	<b>PL1ABCxx</b>
PW2 WallTrak (Latching)	<b>PW1BCxx</b>	<b>PW1ABCxx</b>
PB2 BaseTrak Base	<b>PB2Bxx</b>	—
PB2 BaseTrak Cover	<b>PB2Cxx</b>	—

xx = Length: **5** (5 ft) or **7** (7 ft).

## Power Connections

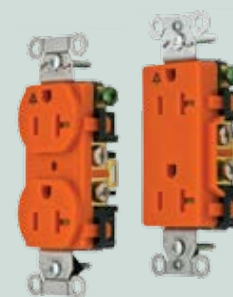
Hubbell Extra Heavy Duty Industrial Series receptacles demonstrate a commitment to building quality devices and continually reinforce a philosophy of unrivaled performance. The deep nylon body design delivers increased impact resistance and the exclusive bypass contact design results in greater contact force and reduced heat build up.



### HBL® Extra Heavy Duty Industrial Series

NEMA	Rating	Color	Duplex	Weather Resistant	Single
	15A 125V	Brown	<b>HBL5262</b>	<b>HBL5262WR</b>	<b>HBL5261</b>
		Black	<b>HBL5262BK</b>	<b>HBL5262BKWR</b>	<b>HBL5261BK</b>
		Ivory	<b>HBL5262I</b>	<b>HBL5262IWR</b>	<b>HBL5261I</b>
		Other	<b>HBL5262x</b>	<b>HBL5262xWR</b>	—
	20A 125V	Brown	<b>HBL5362</b>	<b>HBL5362WR</b>	<b>HBL5361</b>
		Black	<b>HBL5362BK</b>	<b>HBL5362BKWR</b>	<b>HBL5361BK</b>
		Ivory	<b>HBL5362I</b>	<b>HBL5362IWR</b>	<b>HBL5361I</b>
		Other	<b>HBL5362x</b>	<b>HBL5362xWR</b>	<b>HBL5361xx</b>

x = Color: **GY** (Gray), **R** (Red) and **W** (White). xx = Color: **GRY** (Gray), and **W** (White).



### Isolated Ground Receptacles

Isolated ground devices provide protection for sensitive electronics and test equipment in areas with high levels of network connectivity.



### Stainless Steel Wallplates

Hubbell's corrosion resistant, stainless steel wallplates provides solutions for a variety of applications with environments subjected to heavy abuse. Stainless steel wallplates are available in a variety of power and data configurations.





Data centers are the very core of education facilities, supporting all the applications needed for daily communications and Internet access, management and storage of administration and student records, and the delivery of advanced learning technologies. These spaces house a wide range of highly critical networking equipment, yet are also faced with increased power consumption and cooling challenges.

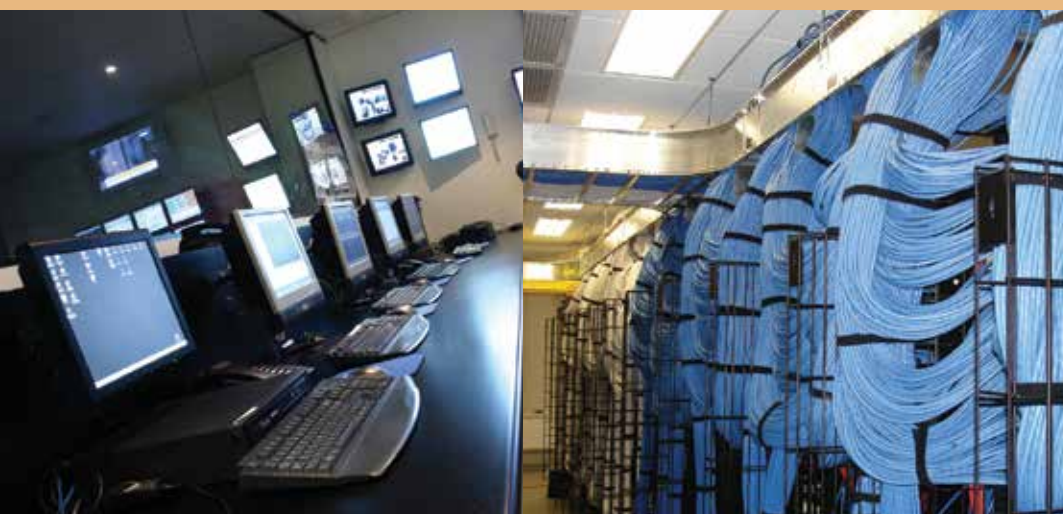
## Power, Data and Audio/Video Delivery

From efficient power distribution and network cable management, to advanced copper and fiber cable and connectivity, Hubbell has the solutions to support the latest high-density networking applications.

## Energy Efficiency

Hubbell cabinets and cable management optimize airflow for more efficient cooling and reduced energy consumption while pre-terminated solutions save space and reduce waste.

**Data Centers • Racks • Data Closets • Communication Rooms**



## XXL Organizers Vertical Cable Management

- The hinged door is designed to open left, right or swing out of the way
- Mounting plates for power strips on the rear of the organizer
- Cable management spools ensure proper bend radius, and are vertically placed where needed along the channel



### XXL Series Vertical Organizers

Door Insert	Channel Depth*	6" Wide	10" Wide	15" Wide
Silver	14 1/8"	<b>XS0610</b>	<b>XS1010</b>	<b>XS1510</b>
Silver	18 7/8"	<b>XS0615</b>	<b>XS1515</b>	<b>XS1515</b>
Black	14 1/8"	<b>XS0610BK</b>	<b>XS1010BK</b>	<b>XS1510BK</b>
Black	18 7/8"	<b>XS0615BK</b>	<b>XS1515BK</b>	<b>XS1515BK</b>

\*Channel depth does not include rear cable organizer. Rear cable organizer depth is 7 3/4".  
Contents: Front and rear vertical organizer, door, 16 - 3" black cable management spools.



### NEXTFRAME® 3" and 6" Equipment Racks

Black Finish*	19" Wide	23" Wide
24 Rack Units, Depth: 3", Height: 48" (1219)	<b>HPW48RR19</b>	<b>HPW48RR23</b>
45 Rack Units, Depth: 6", Height: 84" (2134)	<b>HPW84RR19D</b>	—

\*For mill (aluminum) finish rack, add "ML" to catalog number.





## Additional Products of Interest

## Cable Management

Hubbell Premise Wiring offers a full line of networking enclosures featuring enhanced cable management. Security features include locking split side doors.

### H2 Series Network Cabinets

Height	Depth	Color	Rack Units	Catalog No.
84.00"	36.00"	Black	45	<b>H2N8436</b>
84.00"	32.00"	Black	45	<b>H2N8432</b>
80.00"	36.00"	Black	43	<b>H2N8036</b>
80.00"	32.00"	Black	43	<b>H2N8032</b>



### Angled Panels

Category	24 Port	48 Port
6A	<b>HP6A24AU</b>	<b>HP6A48AU</b>
Shielded 6A	<b>PSJ24AU</b>	<b>PSJ48AU</b>
6	<b>P624AU</b>	<b>P648AU</b>
5e	<b>P5E24AU</b>	<b>P5E48AU</b>



### Bonding

Telecom Bonding Conductor **MCCGBAR**  
Bonding Connector **BC285SB100**



### Grounding

Telecom Grounding Bar **RKTGB**  
19" Rack Mount Ground Bar **MCCGBAR**  
Wall Mount Cabinet Ground Kit **REKGB**  
Economy Ground Strap Kit **REKEGS**



## Efficiency

OptiChannel is a comprehensive system of end-to-end fiber products supporting high bandwidth datacenter applications including 10/40/100 Gigabit Ethernet. OptiChannel's pre-terminated, high density, modular design promotes efficiency, flexibility and maximum space utilization without compromising accessibility.

### PROclick® Connectors

12 LC 10G – OM3 Multimode **FCLC900K50GM12**  
12 SC 10G – OM3 Multimode **FCSC900K50GM12**



### Standard LC-MPO Cassettes

10G-OM3  
SC Duplex, 12-Port, 10G-OM3 **OCSC50G**  
LC Duplex, 12-Port, 10G-OM3 **OCLC50G**  
LC Duplex, 24-Port, 10G-OM3 **OCLC24P50G**  
LC Quad, 24-Port, 10G-OM3 **OCLCQ50G**



### High Density 144-Port 1U Enclosure

Black **FCRHD1UBK**  
Gray **FCRHD1UGY**



### Ultra Compact 12-Port LC Cassette

10G-OM3 **OCLCHD50G3**



### OptiChannel High Density Uni-Boot LC Patch Cords OFNR Riser

LC to LC, OM3, Aqua **HDPCLC50G3Mxx**  
LC to SC, OM3, Aqua **HDPCLCSC50G3Mxx**  
xx = Length: 1, 2, 3, 4, 5, 6, 8, 10 meters.



### BIDnet

All BIDnet pre-terminated cable assemblies are made-to-order items. BIDnet is available in Category 5e, 6 and 6A plenum and riser versions. To help reduce on-site labor and eliminate waste, BIDnet is available in 10 foot through 295 foot lengths. Please call our Inside Sales team at (800) 626-0005 for lead-time and availability.

## Power Connections

IEC Watertight Pin & Sleeve Devices provide safe and dependable performance in the most demanding environments. Heavy duty non-conductive nylon construction provides impact and corrosion protection. Thermoset polyester contact carriers withstand extreme temperatures and provide resistance to electrical tracking.

### 20A and 30A Plug, Connector, Receptacle

Rating Color Coded by Voltage	Poles/Wires	Plug, Connector, Receptacle
20A 120/240V	3P/4W	<b>HBL420xx12W</b>
20A 3Ø 480V	3P/4W	<b>HBL420xx7W</b>
30A 120/240V	3P/4W	<b>HBL430xx12W</b>
30A 3Ø 480V	3P/4W	<b>HBL430xx7W</b>
30A 3Ø 600V	3P/4W	<b>HBL430xx5W</b>



### 60A and 100A Plug, Connector, Receptacle

Rating Color Coded by Voltage	Poles/Wires	Plug, Connector, Receptacle
60A 120/240V	3P/4W	<b>HBL460xx12W</b>
60A 3Ø 480V	3P/4W	<b>HBL460xx7W</b>
60A 3Ø 600V	3P/4W	<b>HBL460xx5W</b>
100A 120/240V	3P/4W	<b>HBL4100xx12W</b>
100A 3Ø 480V	3P/4W	<b>HBL4100xx7W</b>
100A 3Ø 600V	3P/4W	<b>HBL4100xx5W</b>



xx = Device: P (Plug), C (Connector) and R (Receptacle).



### Branch Panel Surge Protection

Hubbell SpikeShield® service entrance and branch panel surge protection devices reliably handle peak amperage capacity of 40kA to 320kA. They can be easily installed next to the panel to prevent over voltage that can impact sensitive data center equipment and mechanical systems.





Indoor Gymnasium • Outdoor Field • Playgrounds • Concessions



Delivering safe, convenient power and multimedia to rugged indoor athletic arenas or harsh outdoor stadium environments poses a challenge for both primary and continuing education facilities. From maintaining spectator safety to providing power and voice, data, and video connections, Hubbell's winning combination is essential to maintaining state-of-the-art athletic facilities with real-time transmission of sporting events.

### Power, Data and Audio/Video Delivery

Hubbell's SPIDER® Temporary Power Distribution system incorporates the latest devices for reliably delivering safe, temporary power to a variety of equipment and lighting systems needed for outdoor events.

### Safety and Durability

Hubbell's watertight devices maintain safe, reliable power at outdoor events, even when it's raining. In the event of pedestrian and vehicular traffic, Hubbell cable and hose protection systems prevent trip or shock hazards.

## SPIDER® Temporary Power Distribution



Outdoor events need to ensure maximum safety when providing temporary electrical power for equipment and lighting, especially since these applications involve frequent plug-ins and disconnects.



### Temporary Power Boxes

Max Rating	Type	Receptacle Rating	Protection Overload/GFI	Receptacle Type	
				Straight Blade	Twist-Lock®
Spider® II 30A, 120/240V AC	(7) Receptacles (1) Twist-Lock®*	20A, 125V 30A, 120/240V	Yes/Yes No/No	<b>SDSB1A</b>	<b>SDTL1A</b>
Spider® II 50A, 120/240V AC	(7) Receptacles (1) Twist-Lock®*	20A, 125V 50A, 125/250V	Yes/Yes No/No	<b>SBSB1A</b>	<b>SBTL1A</b>
Spider® II 60A, 3Ø 120/208V	(6) Receptacles (1) Pin & Sleeve*	20A, 125V 60A, 3ØY, 120/208V	Yes/Yes No/No	<b>SCSB0</b>	<b>SCTL0</b>
50A 120/240V AC	(6) Receptacles (1) Twist-Lock® (1) Twist-Lock®*	20A, 125V 30A, 250V 50A 125/250V	Yes/Yes Yes/No No/No	<b>TPDS</b>	<b>TPDL</b>

\* Inlet and outlet.

# Athletic Facilities and Outdoor Recreation



## Additional Products of Interest



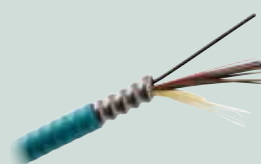
### Hubbell Copper Solutions

Designed to exceed all applicable standards for performance and reliability, Hubbell copper solutions offer a fully integrated system of copper cabling and components.



### Single Pole

Hubbell's Single Pole connectors are made from a specially formulated thermoplastic elastomer that resists cracking in cold, hot or oily conditions as well as any other harmful environments. The connectors have been designed so they are easy to assemble, requiring no special tools.



### Fiber Cable

Hubbell's full line of indoor and outdoor fiber cables supports a variety of rugged deployment applications, delivering high speed fiber optic service to remote locations. Interlock armored indoor cable is available for direct building deployment without the need for inner duct tubing. Loose tube outdoor fiber cable, available in armored or non armored, is a rugged gel-free construction suitable for direct burial between facilities.

## Safety and Security

Exposed cables, cords and hoses can be a trip hazard for pedestrians, as well as a potential shock hazard. Hubbell offers a variety of hose and cable protection systems that provide a safe ramping system for both pedestrian and vehicle traffic. Heavy-duty, medium-duty and ADAAG compliant systems are available.



### TrukTrak® and TredTrak® Systems

Description	TrukTrak®	TredTrak®
5 Channel	<b>HBLTT5B</b>	<b>HBLTRED5B</b>
5 Channel 45° right turn	<b>HBLTT545RB</b>	—
5 Channel 45° left turn	<b>HBLTT545LB</b>	—
5 Channel "X" fitting	—	<b>HBLTRED5XB</b>
5 Channel "Y" fitting	—	<b>HBLTRED5YB</b>
3 Channel	<b>HBLTT3B</b>	—
2 Channel	<b>HBLTT2B</b>	—



### AccessTrak® System

Description	Catalog Number
5 Channel AccessTrak kit*	<b>HBLAT5KITA</b>
5 Channel AccessTrak trough	<b>HBLAT5A</b>

\*Contents: (1) trough; (1 set) end rails; (1 set) ramps; (2 sets) end rails.

## Audio/Video Enclosures

Optimizing Cabling in hospitality, entertainment venues and remote environments, the RE-BOX® Zone Cabling Infrastructure System offers comprehensive zone cabling solutions to meet the needs of any topology.

### RE-BOX® – Commercial Equipment Cabinet Pre-Configured Version

Cap.	Depth	Height x Width x Depth	Catalog #
2U	14" (356)	32" (813) x 24.2" (615) x 7" (178)	<b>RE2xx</b>
5U	14" (356)	32" (813) x 24.2" (615) x 10" (254)	<b>RE4xx</b>
5U	22" (559)	42" (1067) x 24.2" (615) x 10" (254)	<b>RE4Xxx</b>

xx = Color: **B** (Black) and **no suffix** (Light Gray).

Contents: base/rear section with welded 19" brackets for 2 hubs, front door with 2 locks (NSQ tool), a set of 19" extension brackets for 3 additional hubs (RE4xx only) and a set 19" bottom hinge brackets for patch panels

### User-Configurable Version Light Gray Color

Units	Height x Width x Depth	Catalog No.
2U	24" (600) x 24.2" (615) x 10" (254)	<b>IDF24</b>
4U	32" (813) x 24.2" (615) x 10" (254)	<b>IDF32</b>
6U	42" (1067) x 24.2" (615) x 10" (254)	<b>IDF42</b>

Contents: 1 base/rear section and 1 front door with 2 locks (NSQ tool) (IDF24 has only 1 lock).



### RE-BOX® 10GbE Cable Entry Pre-Configured Version

Cap.	Height x Width x Depth	Catalog No.
2U	32" (813) x 24.2" (615) x 7" (178)	<b>RE210G</b>
5U	32" (813) x 24.2" (615) x 10" (254)	<b>RE410G</b>

Same as standard pre-configured RE-BOX® except top conduit knockouts replaced with adjustable, high cable capacity grommet plate.

Contents: base/rear section with welded 19" brackets for 2 hubs, front door with 2 locks (NSQ tool), a set of 19" extension brackets for 3 additional hubs (RE4xx only) and a set 19" bottom hinge brackets for patch panels.

## Power Connections

When it comes to safety, most everyone knows that water and electricity can create a dangerous environment. From outdoor applications to indoor wash downs, ensuring a watertight seal for electrical devices is critical to ensuring maximum safety of personnel in any wet environment.



### Locking Devices

NEMA Rating	Poles/Wires	Locking Devices			Straight Blade Devices		
		Plug	Connector	Receptacle	Plug	Connector	Receptacle
15A 125V	2P/3W	<b>24W47H</b>	<b>25W47H</b>	<b>65W47H</b>	<b>14W47H</b>	<b>15W47H</b>	<b>60W47H</b>
15A 277V AC	2P/3W	<b>24W34H</b>	<b>25W34H</b>	<b>65W34H</b>	—	—	—
20A 125V	2P/3W	<b>26W47H</b>	<b>27W47H</b>	<b>67W47H</b>	<b>14W33H</b>	<b>15W33H</b>	<b>60W33H</b>
20A 250V	2P/3W	<b>26W48H</b>	<b>27W48H</b>	<b>67W48H</b>	<b>14W48H</b>	<b>15W48H</b>	<b>60W48H</b>
20A 277V AC	2P/3W	<b>26W49H</b>	<b>27W49H</b>	<b>67W49H</b>	—	—	—
20A 125/250V AC	3P/4W	<b>26W74H</b>	<b>27W74H</b>	<b>67W74H</b>	—	—	—
20A 3Ø 250V	3P/4W	<b>26W75H</b>	<b>27W75H</b>	<b>67W75H</b>	—	—	—
30A 3Ø 250V AC	3P/4W	<b>28W75H</b>	<b>29W75H</b>	<b>69W75H</b>	—	—	—
30A 3Ø 480V AC	3P/4W	<b>28W76H</b>	<b>29W76H</b>	<b>69W76H</b>	—	—	—





Secondary education facilities often have their own medical centers and health services for students, including on-site clinics and sports rehabilitation/physical therapy centers. Medical centers also require data connections to manage student medical records. In addition, many sports rehab/physical therapy centers use hydrotherapy, requiring nearby connections to have ingress protection against water.

## Installation Efficiency

While Hubbell Hospital Grade and Tamper-Resistant Receptacles are put through comprehensive rigorous testing to accommodate abrupt plug removal and impact, they are also quick and easy to install.

## Power, Data and Audio/Video Delivery

Hubbell's data, audio and video connectivity support digital imaging and electronic medical records while higher capacity 50 and 60 Amp power devices deliver power for diagnostic equipment.



Nurse's Office • Medical Centers • Imaging • Walk-In Clinics

## Hospital Grade Receptacles

Hubbell understands that healthcare is where safety, reliability and performance matters the most. These devices feature exclusive nickel-plated bypass power contact design to ensure uninterrupted power and a four-point grounding system for low resistance to fault currents.



### Hospital Grade • Receptacles

Type	Color	15A 125V	20A 125V
Duplex	Ivory	<b>HBL8200I</b>	<b>HBL8300I</b>
	Red	<b>HBL8200RED</b>	<b>HBL8300RED</b>
	White	<b>HBL8200W</b>	<b>HBL8300W</b>
	Blue	—	<b>HBL8300BL</b>
	Brown	<b>HBL8200</b>	<b>HBL8300</b>
	Gray	<b>HBL8200GY</b>	<b>HBL8300GY</b>
	Light Almond	<b>HBL8200LA</b>	<b>HBL8300LA</b>
Tamper-Resistant	Ivory	<b>HBL8200SGIA</b>	<b>HBL8300SGIA</b>
	Red	<b>HBL8200SGRA</b>	<b>HBL8300SGRA</b>
	White	<b>HBL8200SGWA</b>	<b>HBL8300SGWA</b>
	Brown	<b>HBL8200SGA</b>	<b>HBL8300SGA</b>
	Gray	<b>HBL8200SGGYA</b>	<b>HBL8300SGGYA</b>
	Light Almond	<b>HBL8200SGLA</b>	<b>HBL8300SGLA</b>



# Medical Centers and Health Services



## Additional Products of Interest



### Wall/Ceiling Duct System

The Hubbell Wall/Ceiling Duct System is utilized in combination with Hubbell's Trench Duct product offering for the enclosure of wiring to X-Ray machines or MRI equipment. Hubbell's aluminum wall duct is used for applications that require non ferrous metal raceways. Wall Duct is available in flush mount and surface mount versions.



### Trench Duct System

The Hubbell Trench Duct System is utilized as an in-floor feeder for the Hubbell Wall Duct product line in hospital and other radiology facilities. Trench Duct can also be utilized as a stand-alone wire management system in retail store and general commercial applications.



### Hubbell Switches and Illuminated Switches

Hubbell Toggle Switch's heavy duty nylon toggle resists abuse while the Hubbell Decorator Switch's thermoplastic rocker assures quiet operation and precise timing. One piece rivetless copper alloy spring contact arm and terminal plate provides long life.

## Personnel Protection

Outpatient healthcare facilities within an institution require the same level of performance as hospitals. Medical care centers and walk-in clinics require the safety and convenience of tamper-resistant receptacles. Hubbell tamper-resistant receptacles restrict improper access to energized contacts.

### AUTOGUARD® Self Test Hospital Grade • GFCI Receptacles

Description	Color	15A 125V	20A 125V
Flush, polyester face, back and side wired, multiple drive screws	Black	<b>GFR8200SGBK</b>	<b>GFR8300SGBK</b>
	Brown	<b>GFR8200SG</b>	<b>GFR8300SG</b>
	Gray	<b>GFR8200SGGY</b>	<b>GFR8300SGGY</b>
	Ivory	<b>GFR8200SGI</b>	<b>GFR8300SGI</b>
	Red	<b>GFR8200SGR</b>	<b>GFR8300SGR</b>
	White	<b>GFR8200SGW</b>	<b>GFR8300SGW</b>

### Hospital Grade • Tamper-Resistant GFCI Receptacles

Description	Color	15A 125V	20A 125V
Hospital Grade	Brown	<b>GFR8200HTR</b>	<b>GFR8300HTR</b>
Flush, nylon face, back and side wired, multiple drive screws, automatic grounding clip	Gray	<b>GFR8200HGYTR</b>	<b>GFR8300HGYTR</b>
	Ivory	<b>GFR8200HITR</b>	<b>GFR8300HITR</b>
	Light Almond	<b>GFR8200HLATR</b>	<b>GFR8300HLATR</b>
	Red	<b>GFR8200HRTR</b>	<b>GFR8300HRTR</b>
	White	<b>GFR8200HWTR</b>	<b>GFR8300HWTR</b>

## Data and Audio/Video Connectivity

Healthcare facilities contain a variety of high-tech imaging and diagnostic equipment to determine a patient's condition. Many of these require higher capacity power and data connections than traditional conventional outlets and connectors can provide.

### NEXTSPEED® Shielded Jacks, Category 6/10GbE

Category		Pkg.	B-Wired	A-Wired
Category	Quantity	Catalog No.	Catalog No.	
6	2	<b>SJ62B</b>	<b>SJ62A</b>	
6	24	<b>SJ624B</b>	<b>SJ624A</b>	
5e	2	<b>SJ5E2B</b>	<b>SJ5E2A</b>	
5e	24	<b>SJ5E24B</b>	<b>SJ5E24A</b>	

### NEXTSPEED® Shielded Category 6A, Patch Cords

1 patch cord **PC6AxxYY**

xx = Color: **B** (Blue), **BK** (Black), **GY** (Gray), **Y** (Yellow), **OR** (Orange), **R** (Red), **GN** (Green), **P** (Purple) or **W** (White)

YY (Standard Length: **01** (1ft), **03** (3ft), **05** (5ft), **07** (7ft), **10** (10ft), **15** (15ft) or **20** (20ft))

### NEXTSPEED® Ascent Shielded Category 6A, Trunk Cable Assemblies

BIDnet Pre-Terminated Copper Trunk Assemblies improve air flow in the data center, decrease installation time and supply superior performance. All BIDnet pre-terminated cable assemblies are made-to-order items. Please call our Inside Sales team at (800) 626-0005 for lead-time and availability.



### Shield Colored Dust Covers

100 per package

Color	Catalog Number
Blue	<b>IDCSB</b>
Black	<b>IDCSBK</b>
Green	<b>IDCSGN</b>
Orange	<b>IDCSOR</b>
Yellow	<b>IDCSY</b>

## Power Connections

Insulgrip® Hospital Grade Plugs and Connectors are engineered to provide a high degree of durability and feature ribbed nylon housing for impact and chemical resistance. The powerful cord grip prevents conductor slippage and strain on terminals and adjusts to a wide range of cord sizes.



### Straight Blade Plugs and Connectors

Amps	NEMA Rating	Poles/Wires	Description	Plug	Angled Plug	Connector
15A 125V	5-15	2-Pole	Black/White	<b>HBL8215C</b>	—	<b>HBL8219C</b>
		3-Wire	Transparent Valise; white	<b>HBL8215CT</b>	<b>HBL8215CAT</b>	<b>HBL8219CT</b>
				<b>HBL8115V</b>	—	<b>HBL8119V</b>
20A 125V	5-20	2-Pole	Black/White	<b>HBL8315C</b>	—	<b>HBL8319C</b>
		3-Wire	Transparent Valise®; white	<b>HBL8315CT</b>	<b>HBL8315CAT</b>	<b>HBL8319CT</b>
				<b>HBL8364V</b>	—	—





Every education facility includes mechanical and maintenance areas that typically encompass a wide range of equipment like back-up generators, HVAC units and air handlers that need high-capacity, safe, and reliable power. Without it, an entire school or university can shut down. Mechanical and maintenance personnel also strive to keep energy costs down throughout education facilities.

## Safety and Durability

From CIRCUIT-LOCK® disconnect switches and interlock enclosures, to portable cords and cable management, Hubbell offers a variety of devices to provide safe, reliable power and control for mechanical equipment.

## Power, Data and Audio/Video Delivery

With wireless and network communications now the norm, all personnel within an education facility require access to these services. Hubbell's Wireless Access Point Ceiling Boxes are ideal for delivering wireless service in remote mechanical and maintenance areas.

**Maintenance Rooms • Boiler Rooms • HVAC • Trade Schools**



## IEC Mechanical Interlock Enclosures

Hubbell's revolutionary CIRCUIT-LOCK® interlock enclosure incorporates the disconnect switch and IEC receptacle in one compact unit. At the same time, it eliminates the possibility of making or breaking the circuit under load or making a casual or lazy connection.



### 20 and 30 Amp

Rating Color Coded by Voltage	Poles/Wires	Mechanical Interlock
20A 3Ø 480V	3P 4W	<b>HBL420MI7W</b>
30A 3Ø 250V	3P 4W	<b>HBL430MI9W</b>
30A 3Ø 480V	3P 4W	<b>HBL430MI7W</b>
30A 3Ø 600V	3P 4W	<b>HBL430MI5W</b>
30A 3ØY 277/480V	4P 5W	<b>HBL530MI7W</b>

For mating plug, replace MI with P. Ex. HBL420MI7W (mechanical interlock) to HBL420P7W (mating plug).

### 60 and 100 Amp

Rating Color Coded by Voltage	Poles/Wires	Mechanical Interlock
60A 3Ø 250V	3P 4W	<b>HBL460MI9W</b>
60A 3Ø 480V	3P 4W	<b>HBL460MI7W</b>
60A 3Ø 600V	3P 4W	<b>HBL460MI5W</b>
60A 3ØY 120/208V	4P 5W	<b>HBL560MI9W</b>
100A 250V	3P 4W	<b>HBL4100MI9W</b>
100A 3Ø 480V	3P 4W	<b>HBL4100MI7W</b>
100A 3Ø 600V	3P 4W	<b>HBL4100MI5W</b>
100A 3ØY 120/208V	4P 5W	<b>HBL5100MI9W</b>

# Mechanical and Maintenance Facilities



## Additional Products of Interest



### Portable Outlet Boxes

Portable non-metallic outlet boxes provide a safe, rugged, portable enclosure with an integral sealed cord connector fitting that also work well for pendant applications.



### Barrel Key Switch

An ideal solution for applications that require authorized access only for a secure level of control.



### Disconnect Switches for Use with Variable Frequency Drives

Hubbell's Disconnect Switch for Variable Frequency Drives (VFDs) prevents downtime from out of sequence equipment shutdowns. The HBLDS3VFD integrates a verified break before break auxiliary contact factory installed in the HBLDS3 30 Amp disconnect switch enclosure that interfaces directly with VFDs.

## Cable Management

Cable reels can help eliminate unmanaged cords and cables that would otherwise cause trip hazards or an increased potential of electric shock. Hubbell offers a wide range of cord reels that provide cable protection, including watertight, industrial, commercial and static discharge reels.

### Industrial Power Cord Reels

125V AC, 45 Ft (13.7m) Cable, Cable Type 12/3 SJEO

Cord End	NEMA Style	Catalog Number
HBL5269C 15A connector	5-15R	<b>HBL45123C</b>
HBL5369C 20A connector	5-20R	<b>HBL45123C20</b>
Portable outlet box; 15A gray duplex w/GFCI protection	5-15R	<b>HBL45123GF15</b>
Portable outlet box; 20A gray duplex w/GFCI protection	5-20R	<b>HBL45123GF20</b>



### Commercial Cord Reels

Cord End	Watts (Max)	Cable Feet (m)	Volts AC	Cable Type	Catalog Number
Triple tap outlet; 15A	1200	40 (12.2)	125	12/3 SJTW	<b>HBLC40123TT</b>
Metallic incandescent hand lamp with receptacle; 13A	1625	25 (7.6)	125	14/3 SJT	<b>HBLC25143IN</b>
Fluorescent hand lamp and inline receptacle; 10A	1200	40 (12.2)	120	16/3 SJT	<b>HBLC40163FL</b>

## Data, Audio and Video Connectivity

Hubbell's innovative ceiling and wireless access enclosures support multiple Wireless Access Points (WAP) and IP devices in remote and high traffic areas. These rugged all metal lockable enclosures can be mounted on the wall or in the ceiling grid allowing for convenient location installation.



### Wireless Access Point Ceiling Box

Delivery: Aluminum enclosure, (1) fire-rated foam kit for cable entries and exits, hinged door equipment mounting plate (factory installed), lockable knob assembly and cable entry port and cover (factory installed)

Description	Mounting Plate Dims. H x W	External Dimensions H x W x D	Weight Capacity Lb. Door (Total)	Cable Entry Dimensions	Catalog No.
Universal WAP Enclosure	9.7" x 5.25"	4"x10"x12.7"	15 (20)	6.5"x1.2"	<b>WBC1</b>
CISCO® Aironet 1200 Series N/A		10"x10.5"x13.2"	15 (20)	6.5"x1.2"	<b>WBC12</b>

**WBC1** uses key no. 2233. **WBC12** uses key no. C346A.

### Wall Box

Delivery: (1) aluminum enclosure, (4) plastic conical screw anchors for #10 screw, (1) drill template, (4) #10 x 1 pan head screws and (4) flat steel washers, size #10

Description	External Dimensions H x W x D	Weight Lbs	Office White	Black
Wall Box	8"x11"x3"	1.5	<b>WBW10W</b>	<b>WBW1BK</b>

Uses key no. 333. Spare Lock Key available, Catalog number **KEY333**.



## Safety and Security

GFCIs are critical for protecting people when using portable line cords and outlets in a variety of indoor and outdoor applications. Portable GFCIs provide open-neutral protection for temporary power applications, this is required to meet OSHA requirements.

### Circuit Guard® Portable GFCI Line Cords



Rating	Length	Single	Triple Tap
15A	2 ft.	<b>GFP2Cxx</b>	<b>GFP2TTxx</b>
120V AC	25 ft.	<b>GFP25Cxx</b>	<b>GFP25TTxx</b>

xx= A (Automatic) or M (Manual) Set.

### Multiple Outlet Portable GFCI



Description	Rating	Cat. No.
4-Outlet;	15A 120V AC	<b>GFP15M</b>
2-Duplex;	20A 120V AC	<b>GFP20M</b>
Manual Set		

### Circuit Guard® In-Line GFCI

2 ft. cord length



Rating	Type	Automatic Set	Manual Set
15A	Single	<b>GFPIL15125A</b>	<b>GFPIL15125M</b>
120V AC	Triple Tap	<b>GFPIL15125TRIA</b>	<b>GFPIL15125TRIM</b>
20A	Locking	<b>GFPIL20125LKA</b>	<b>GFPIL20125LKM</b>
120V AC			
20A	Locking	<b>GFPIL20250LKA</b>	<b>GFPIL20250LKM</b>
250V AC			



# HUBBELL® EDUCATION

## Application Guide



Scan to watch the Hubbell Education video.

Visit [www.hubbell-wiring.com](http://www.hubbell-wiring.com) to access Hubbell's Education Solutions website.

### Hubbell Installation Efficiency Product Solutions



#### Pre-Wired Raceway

Available in aluminum, steel and non-metallic versions, Hubbell's pre-wired raceway systems will keep your projects on schedule, reduce on-site labor and waste. Our local sales team is available to support your efforts.



#### CONNEXION

Hubbell CONNEXION Zone Distribution System is a factory assembled modular plug-n-play system that delivers power and data to the workstation in raised floor installations.



#### Pre-Fab Solutions

Pre-fab solutions can reduce projects by as much as 30% while reducing on-site waste. The Rough in Ready Pre-Fab solution offered by Hubbell provides a variety of options from innovative bracket to cable-ready assemblies.



#### SNAPConnect® Modular Devices

Hubbell's SNAPConnect® offers the latest in innovative design, to save time and money, while delivering a safe, reliable and durable connection. SNAPConnect® reduces labor costs during the initial installation and also provides future labor savings if device replacement or upgrade is ever required.

### Hubbell Energy Efficiency Solutions



#### Sensors

Reduce energy consumption in a wide variety of commercial, residential and industrial applications with Hubbell lighting controls and sensors.

Hubbell's sensors facilitate compliance with the latest building codes and standards, including ASHRAE/IESNA 90.1, CEC's Title 24, and help obtain LEED® points.



#### Wireless is Fast

The WL-Series sensors install and setup fast. A typical installation involves only replacing the existing wall switch and pairing the desired battery powered sensor. These controls utilize a simplified 2-button, 6-second press and hold, commissioning procedure.

There is no need for remotes, computers, smartphones, or any other device to setup the system.



#### Power Strips

Hubbell's SpikeShield® Energy Saving Surge Protective Devices (ESPS Series) reduce power consumption by eliminating phantom power draw of unused electronics and appliances.

Hubbell offers a complete offering of power strips in various levels of outlet configurations and surge protection.

### Literature Support

Hubbell offers an extensive literature library for product support. Downloadable PDFs are available online at [www.hubbell-wiring.com](http://www.hubbell-wiring.com) under the media tab.

**HUBBELL®**  
Wiring Systems

[www.hubbell-wiring.com](http://www.hubbell-wiring.com)  
[www.hubbell-premise.com](http://www.hubbell-premise.com)



Hubbell Wiring Device-Kellems  
Hubbell Incorporated (Delaware)  
40 Waterview Drive, Shelton, CT 06484  
Phone (800) 288-6000 • FAX (800) 255-1031

Hubbell Premise Wiring  
Hubbell Incorporated (Delaware)  
23 Clara Drive, Suite 103, Mystic, CT 06355  
Phone (800) 626-0005 • FAX (860) 535-8328