HUBBELL®

Healthcare Application Guide

HUBBELL®
Wiring Systems

When Safety, Reliability and Performance Matter



Wiring Device and Datacom Solutions for Healthcare Applications

HUBBELL®

HUBBELL® Wiring Systems

The Hubbell Healthcare Story

When reliability and performance matter







Hubbell Hospital Grade

Hospital Grade is the receptacle of choice when specifying devices for healthcare. While the green dot signifies UL compliance, hospital grade devices are not all the same. Hubbell was instrumental in creating hospital grade and has been providing maximum value for healthcare facilities ever since.



Safety

Safety of patients, visitors and healthcare workers is a key concern for hospitals. Hubbell takes safety extremely seriously, providing a variety of products that ensure superior protection of people and property.



- Tamper-Resistant Receptacles
- GFCI and Isolated Ground Receptacles
- Motor Disconnects
- TredTrak® and AccessTrak®
- Watertight Plugs and Connectors
- Stainless Steel Plates
- Hospital Grade Surge Devices
- Liquidtight
- HG LED Receptacles
- Call Switches

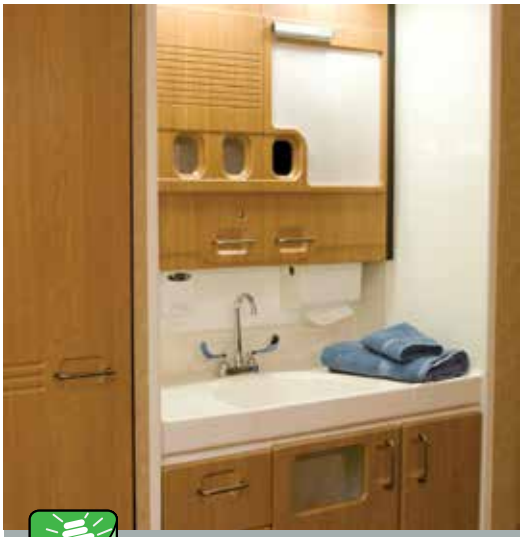
Installation Efficiency

The labor-saving enhancements of Hubbell products keep renovation, modernization, and new construction projects on schedule and allow contractors to complete more jobs in a smaller amount of time.



- Hubbell SNAP*Connect*™ Receptacles
- Hubbell SystemOne Floor Boxes and Fire-Rated Poke-Throughs
- Aluminum Raceway
- BIDnet™ Copper and Fiber Pre-Terminated Assemblies
- Hubbell iSTATION Audio/Video Connections
- Service Poles
- Pre-Wired Raceway
- Pre-Wired Work Boxes
- Wireless Sensors

HUBBELL® Wiring Systems



Energy Efficiency

By providing energy savings, ease of installation and the ability to reuse and reconfigure systems, Hubbell ensures maximum value and sustainability for today's hospital facilities.



- Occupancy and Daylight Sensors
- Wireless Sensors
- USB Receptacles



Delivery

Delivery systems from Hubbell offer safe and effective routing, management, delivery, and protection of a wide range of power, data, and AV solutions.



- Hubbell SystemOne Floor Boxes and Fire-Rated Poke-Throughs
- Surface Raceway
- Wall, Trench and Floor Duct
- Flat Panel TV Boxes
- Pre-Wired Work Boxes
- Table Top Boxes
- Power Poles
- Wire Basket Tray



Datacom

Hospitals are depended on for the reliability of their services, procedures and patient care. Hubbell devices ensure the reliability that hospitals and healthcare workers need for complete peace of mind.



- Copper and Fiber Solutions
- Shielded Jacks
- Audio/Video Connections
- HDMI Extender
- Grounding and Bonding
- F-Type Connectors
- AV Plug and Play Systems
- Cable Management
- Remote Equipment Cabinets
- Racks and Enclosures

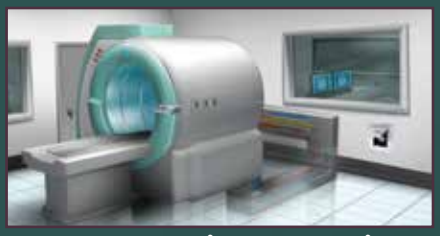
HUBBELL®
Wiring Systems



Critical Care



Patient Care



Diagnostics

Table of Contents

2 **Healthcare Solutions**
A look at Safety, Installation Efficiency, Energy Efficiency, Delivery and Datacom in the Healthcare Environment

6 **Critical Care**
Insulgrip® Plugs and Connectors
Category 6A Jacks
IFP Plates

7 **ICU Operating Rooms**
HBL8300 Series Receptacles
Stainless Steel Plates

8 **Patient Rooms**
SNAP*Connect*® Receptacles and Switches
Hubbell iSTATION Plates and Modules
Ceiling Enclosure Box and
HDMI 110 Extenders

10 **Nurse's Station**
Surge and Isolated Ground Receptacles
Hospital Grade USB Charger Receptacles
Category 6, 5e,3 and USOC Jacks

11 **Diagnostics**
MRI Receptacles
Mobile X-Ray Devices
Shielded Jacks
Patch Cords

12 **Examination Room**
H-MOSS® Occupancy Wall Switches
Hubbell-PRO Receptacles
Secure-IT® Plates

13 **Physical Therapy Areas**
Hubbell SystemOne
Floor Boxes and Fire-Rated Poke-Throughs
Snap Fit Connectors

14 **Auditorium and Conference Room**
Hubbell SystemOne 6 and 8 Inch
Fire-Rated Poke-Throughs
Multimedia Connectivity Devices
X-END Patch Cords



HUBBELL®
Wiring Systems



Waiting Areas



Data Centers



Food Services



15 **Administration**
H-MOSS® Occupancy Ceiling Sensors
Pre-Wired Work Surface Boxes
Hubbell iSTATION Furniture Plates
Patch Cords

16 **Common Areas**
Tamper-Resistant Hospital Grade Receptacles
USB Charger Receptacle
Wireless Access Box
AV Wall Enclosure

17 **Restrooms**
Hospital Grade GFCI Receptacles
H-MOSS® Ultrasonic Occupancy Sensors
Wireless Sensors

18 **Data Centers**
XXL Organizers
BIDnet
H2 Series Network Cabinet,
Patch Cords
Fiber Rack Enclosures
Fiber Trunk Assemblies
Grounding and Bonding

20 **Laboratories**
Aluminum Raceway
UTP and FTP Cable
Category 6A Shielded Jacks

21 **Kitchen and Food Services**
Watertight Safety-Shroud® Twist-Lock®
Watertight Twist-Lock®
HI-Impact® RJ45 Connectors
REBOX® Remote Equipment Cabinet

22 **Maintenance and Engineering**
Twist-Lock® Plugs, Connectors & Receptacles
Stainless Steel and Non-Metallic Disconnects
Industrial Cord Reels

23 **Outdoor Areas**
Mechanical Interlocks,
Hose and Cable Protection
Electric Vehicle Charging Station
H-MOSS®|MAXX™ Sensors

HUBBELL® Wiring Systems

Critical Care





Emergency Power Circuits

Emergency systems that supply power in the event of an outage must be identified according to the National Electric Code (NEC®) Article 517.30(E). Hubbell offers receptacles and wall plates in a distinct color red and a selection of wall plates clearly marked "**EMERGENCY**" to meet this requirement.

NEC® is a registered trademark of the National Fire Protection Association (NFPA)..

Critical care spaces in a healthcare facility require 100% reliable power and data connections without interruptions. These demanding 24/7 environments encounter significant abuse such as abrupt plug removal and numerous insertions, being impacted with carts, beds and gurneys, exposure to harsh cleaning disinfectants—all of which can contribute to damage.

Hubbell products are put through comprehensive rigorous UL, CSA, TIA, IEEE and ETL testing, to meet requirements above and beyond the standards providing the industry with one of the highest performing most reliable devices.

Insulgrip® Hospital Grade Plugs and Connectors

- Ribbed nylon housing is impact and chemical resistant
- Powerful cord grip prevents conductor slippage and strain on terminals
- Integral VARI-SIZE® insert adjusts to a wide range of cord sizes







Amps	NEMA Rating	Poles/ Wires	Description	Black/White	Transparant	Valise (White)
15A 125V	5-15	2-Pole 3-Wire	Plug Angled Plug Connector	**HBL8215C** **—** **HBL8219C**	**HBL8215CT** **HBL8215CAT** **HBL8219CT**	**HBL8115V** **—** **HBL8119V**
20A 125V	5-20	2-Pole 3-Wire	Plug Angled Plug Connector	**HBL8315C** **—** **HBL8319C**	**HBL8315CT** **HBL8315CAT** **HBL8319CT**	**HBL8364V** **—** **—**



TIA Healthcare Standard TIA-1179

Area: **Critical Care**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
ICU	High Station	>14 in each WA
Neonatal ICU	High Station	>14 in each WA
Recovery	High Station	>14 in each WA

NEXTSPEED® Ascent Category 6A Jacks

- TIA and ISO category 6A component compliance
- Labor savings: exclusive 1-punch termination reduces termination time by 75%
- Mating cycles exceed industry standard by two times







Delivery	Color	Catalog No.	Color	Catalog No.	Color	Catalog No.
1 per Bag/Carton of 25 Add suffix "25" for delivery of 25 per Bag/Carton of 1	Almond	**HJ6AAL**	Gray	**HJ6AGY**	Red	**HJ6AR**
	Black	**HJ6ABK**	Green	**HJ6AGN**	Telco Ivory	**HJ6ATI**
	Blue	**HJ6AB**	Office White	**HJ6AOW**	White	**HJ6AW**
	Electric Ivory	**HJ6AEI**	Orange	**HJ6AOR**	Yellow	**HJ6AY**
	Gold	**HJ6AGL**	Purple	**HJ6AP**		

IFP Faceplates

- Fits all Hubbell keystone connections (AV, data and fiber)
- Secure; must remove plate to access connectivity





Gang	Color	1-Port	2-Port	3-Port	4-Port	6-Port
Single Gang	Almond	**IFP11AL**	**IFP12AL**	**IFP13AL**	**IFP14AL**	**IFP11AL**
	Black	**IFP11BK**	**IFP12BK**	**IFP13BK**	**IFP14BK**	**IFP11BK**
	Electric Ivory	**IFP11EI**	**IFP12EI**	**IFP13EI**	**IFP14EI**	**IFP11EI**
	Gray	**IFP11GY**	**IFP12GY**	**IFP13GY**	**IFP14GY**	**IFP11GY**
	White	**IFP11W**	**IFP12W**	**IFP13W**	**IFP14W**	**IFP11W**

Gang	Color	6-Port	9-Port	12-Port
Two Gang	Almond	**IFP26AL**	**IFP29AL**	**IFP212AL**
	Black	**IFP26BK**	**IFP29BK**	**IFP212BK**
	Electric Ivory	**IFP26EI**	**IFP29EI**	**IFP212EI**
	Gray	**IFP26GY**	**IFP29GY**	**IFP212GY**
	White	**IFP26W**	**IFP29W**	**IFP212W**

ICU and Operating Rooms

HUBBELL® Wiring Systems

Like critical care areas, the ICU and operating rooms in a healthcare facility require 100% reliable connections that support highly advanced electronic equipment, like monitoring devices, portable imaging equipment, and various networking connections—all of which require safe, reliable power, and extended bandwidth to ensure uninterrupted performance.



HBL8200 Series Hospital Grade Receptacles

- Exclusive nickel-plated bypass power contact design
- Four-point grounding system provides redundant grounding
- Deep body design and one-piece nickel plated brass ground strap



NEMA	Rating	Color	Duplex	Illuminated	Single	Power Indicating Tamper-Resistant
	15A 125V	Ivory	**HBL8200I**	**HBL8200ILI**	**HBL8210I**	**8200IVLTR**
		Red	**HBL8200R**	**HBL8200ILR**	**HBL8210R**	**8200REDLTR**
		White	**HBL8200W**	**HBL8200ILW**	**HBL8210W**	**8200WLTR**
		Brown	**HBL8200**	**—**	**HBL8210**	**8200LTR**
		Gray	**HBL8200GY**	**HBL8200ILGY**	**HBL8210GY**	**8200GYLTR**
		Light Almond	**HBL8200LA**	**—**	**—**	**8200LALTR**
	20A 125V	Ivory	**HBL8300I**	**HBL8300ILI**	**HBL8310I**	**8300IVLTR**
		Red	**HBL8300R**	**HBL8300ILR**	**HBL8310R**	**8300REDLTR**
		White	**HBL8300W**	**HBL8300ILW**	**HBL8310W**	**8300WLTR**
		Brown	**HBL8300**	**—**	**HBL8310**	**8300LTR**
		Gray	**HBL8300GY**	**HBL8300ILGY**	**HBL8310GY**	**8300GYLTR**
		Light Almond	**HBL8300LA**	**—**	**—**	**8300LALTR**

Tamper-Resistant Receptacles

Compliant with NEC® 406.12 and NEC®517-18(c), SNAP*Connect*® Tamper-Resistant Receptacles are acceptable for use in residential dwellings and pediatric locations.

Receptacles with LED Power Indicators

Used most often to identify emergency circuits in hospitals, the two LED power indicators, bright enough to be visible in low light and bright daylight conditions, identify devices with power.

SSF Stainless Steel Plates

- Superior corrosion resistance
- Designed to fit Hubbell iSTATION modules and AV connectors
- Ease of use: front and rear-loading capabilities improves tamper resistance



Gang	Ports	Catalog Number	With Label Field
Single Gang	1	**SSF11**	**SSFL11**
	2	**SSF12**	**SSFL12**
	3	**SSF13**	**SSFL13**
	4	**SSF14**	**SSFL14**
	6	**SSF16**	**SSFL16**
Two Gang	4	**SSF204**	**SSFL204**
	6	**SSF206**	**SSFL206**
	9	**SSF209**	**SSFL209**
	12	**SSF212**	**SSFL212**

All SSF plates will accept AV keystone connectors and XCELERATOR jacks.





TIA Healthcare Standard TIA-1179

Area: **Surgery/Procedure/Operating Rooms**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Operating Room	High Station	>14 in each WA
ICU	High Station	>14 in each WA

HUBBELL® Wiring Systems

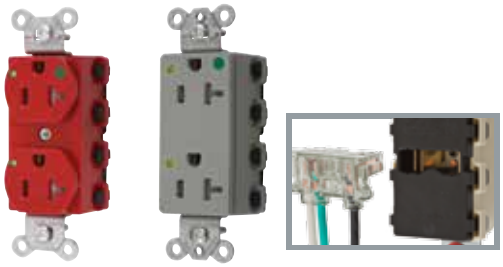
Patient Rooms



To assist healthcare facilities get spaces up and running faster or facilitating moves, adds and changes, Hubbell's SNAP*Connect*® receptacles and iSTATION work area solutions save significant termination time while providing a fast and consistent installation every time.

SNAP*Connect*® Receptacle and Switches

- Fast, easy installation with SNAP*Connect*® modular terminal instead of pigtails
- Clear terminal housing with no exposed live parts
- Compact size with a clean finished look

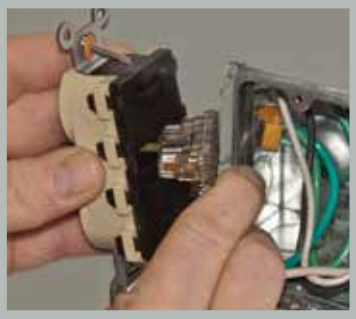


SNAP*Connect*® Pigtailed Connector

Audible SNAP
- Indicates solid connection
- Secure, easy grip latch

Inspection of power contacts
- Clear terminal housing
- No exposed metal

No Special Tester Required
- .085 inch keyhole accepts the probe points found on the most common voltage testers and digital multi-meters



Installation Efficiency

SNAP*Connect*® devices maximize installation efficiency in commercial, institutional and healthcare applications where specialty devices are required by the NEC. SNAP*Connect* Tamper Resistant (TR), Isolated Ground (IG), LED Power Indicating, and Surge Suppressing Duplex Receptacles are available with Standard and Decorator faces, 15 and 20A, and in Specification or Hospital Grade. Combination TR/IG, TR/LED, or TR/IG with LED are perfect to identify Emergency Circuits.

SNAP*Connect*® Extra Heavy Duty Hospital Grade Receptacle with Power Indicating LED

	Rating	Color	Duplex Standard	Tamper Resistant	Style Line Decorator Standard	Tamper Resistant
	15A 125V	Ivory	**SNAP8200IL**	**SNAP8200ILTR**	**SNAP2172IL**	**SNAP2172ILTR**
		Red	**SNAP8200RL**	**SNAP8200RLTR**	**SNAP2172RL**	**SNAP2172RLTR**
		White	**SNAP8200WL**	**SNAP8200WLTR**	**SNAP2172WL**	**SNAP2172WLTR**
	20A 125V	Ivory	**SNAP8300IL**	**SNAP8300ILTR**	**SNAP2182IL**	**SNAP2182ILTR**
		Red	**SNAP8300RL**	**SNAP8300RLTR**	**SNAP2182RL**	**SNAP2182RLTR**
		White	**SNAP8300WL**	**SNAP8300WLTR**	**SNAP2182WL**	**SNAP2182WLTR**

SNAP*Connect*® Extra Heavy Duty Hospital Grade Receptacle

	Rating	Color	Duplex Standard	Tamper Resistant	Style Line Decorator Standard	Tamper Resistant
	15A 125V	Ivory	**SNAP8200INA**	**SNAP8200ITR**	**SNAP2172INA**	**SNAP2172ITR**
		Red	**SNAP8200RNA**	**SNAP8200RTR**	**SNAP2172RNA**	**SNAP2172RTR**
		White	**SNAP8200WNA**	**SNAP8200WTR**	**SNAP2172WNA**	**SNAP2172WTR**
	20A 125V	Ivory	**SNAP8300INA**	**SNAP8300ITR**	**SNAP2182INA**	**SNAP2182ITR**
		Red	**SNAP8300RNA**	**SNAP8300RTR**	**SNAP2182RNA**	**SNAP2182RTR**
		White	**SNAP8300WNA**	**SNAP8300WTR**	**SNAP2182WNA**	**SNAP2182WTR**



SNAP*Connect*® Heavy Duty Hospital Grade GFCI Receptacle

	Rating	Color	Standard	Tamper/Weather Resistant
	15A 125V	Ivory	**GFTR8200SNAPINA**	**GFTR8200SNAPINA**
		Red	**GFTR8200SNAPRNA**	**GFTR8200SNAPRNA**
		White	**GFTR8200SNAPWNA**	**GFTR8200SNAPWNA**
	20A 125V	Ivory	**GFTR8300SNAPINA**	**GFTR8300SNAPINA**
		Red	**GFTR8300SNAPRNA**	**GFTR8300SNAPRNA**
		White	**GFTR8300SNAPWNA**	**GFTR8300SNAPWNA**



SNAP*Connect*® Right Angle Pigtailed Connector, 600V

Description	Wire Type	Assembled in USA
Clear right angle terminal with 6 inch leads	Solid	**SNAP1RNA**
#12 AWG THHN/THWN-2; Polycarbonate housing material	Stranded	**SNAP2RNA**



SNAP*Connect*® Specification Grade Toggle and Style Line® Switches and PigTailed Connector

	Color	Toggle Series Single Pole	Three Way	Illuminated Toggle	Single Pole
15A, 120-277V AC	Ivory	**SNAP1201INA**	**SNAP1203INA**	15A, Blue LED Light on with load off.	**SNAP2101ILINA**
	Red	**SNAP1201RNA**	**SNAP1203RNA**		**SNAP2101ILRNA**
	White	**SNAP1201WNA**	**SNAP1203WNA**		**SNAP2101ILWNA**
20A, 120-277V AC	Ivory	**SNAP1221INA**	**SNAP1223INA**	20A, Blue LED Light on with load off.	**SNAP2121INA**
	Red	**SNAP1221RNA**	**SNAP1223RNA**		**SNAP2121RNA**
	White	**SNAP1221WNA**	**SNAP1223WNA**		**SNAP2121WNA**



Description	Wire Type	Single Pole (3 Wires)	Single Pole with Pilot
Clear right angle terminal with 6 inch leads; #12 AWG THHN/THWN-2; Polycarbonate housing material	Solid	**SNAPSP1NA**	**SNAPSPP1NA**
	Stranded	**SNAPSP2NA**	**SNAPSPP2NA**



Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.

Patient Rooms

HUBBELL® Wiring Systems

More and more patient rooms are filled with many electronic devices that require various styles of Audio/ Video, Data, PoE and power connections. While the reliability of monitoring care equipment is the primary concern, functionality, safety and aesthetics are also needed. Hubbell's tamper-resistant receptacles protect people, illuminated devices help patients and staff locate switches and receptacles, and Style Line® Decorator devices match room décor.



The Digital Age

Patient rooms require more Data and AV connections than ever before. Everything from video distribution, specialty equipment connections to wireless access points and multiple LAN connections are being integrated into these spaces. Also ensures healthcare workers have immediate access to electronic health records and the most effective means of communicating.

Hubbell iSTATION Plates and Modules

- High density capabilities
- Pre-terminated X-END assemblies eliminate field termination on job site
- Supports multiple applications and connector configurations





Hubbell iSTATION Modular Face Plate Frames and Stainless Steel Plates

Description	Gang	Catalog No.	Description	Gang	Catalog No.
Front loading frame	**1**	**IMF1xx**	Front loading frame; stainless steel	**1**	**IMS1**
	2	**IMF2xx**		**2**	**IMS2**
				3	**IMS3**
				4	**IMS4**

The IMF/IMS series accept any modules in 3 unit combinations for 1-gang; and 6 unit combinations for 2-gang applications.
For color choices, replace **xx** with **AL** (Almond), **BK** (Black), **GY** (Gray), **I** (Ivory), **LA** (Light Almond) or **W** (White).

Hubbell iSTATION Unloaded Modules



Hubbell iSTATION Modules Blank 15-pin/9-pin HDMI



Description	Catalog No.	Description	Catalog No.
Keystone; 1-port; 1 unit	**IM1K1xx**	HD15/9-pin or HDMI; 1 unit	**IMBDS1xx**
Keystone; 2-port; 1 unit	**IM2K1xx**	w/ 3.5mm Stereo Jack; 1.5 unit	**IMBDSA15xx**
SC Angled; 1-duplex; 1.5 unit	**IM1SCA15xx**	w/ 3.5mm SJ+AV Conn; 2 unit	**IMB153X2xx**
SC Angled; 2-duplex; 2 unit	**IM2SCA2xx**		

For color choices, replace **xx** with **AL** (Almond), **BK** (Black), **GY** (Gray), **I** (Ivory), **LA** (Light Almond) or **W** (White).

Hubbell HDMI Extenders

- Locating a display device up to 147 feet away is as simple as pulling 2 additional UTP cables to a drop
- Terminate with Category 5e, 6 or 6A UTP plenum or non-plenum cable
- Kit includes a "Source" and "Display" frame/module and a 5 volt DC power supply



HDMI High-Definition 110 UTP Video Extender

Description	DC	Installation	Color	Decorator	Module - 2U
110 UTP HDMI extender (pair)	5 Volt	2 4-pair UTP cables	Black	**ISFH110BK**	**IMH110ST2BK**
			Electric Ivory	**ISFH110EI**	**IMH110ST2EI**
			Gray	**ISFH110GY**	**IMH110ST2GY**
			Office White	**ISFH110OW**	**IMH110ST2OW**
			White	**ISFH110W**	**IMH110ST2W**



TIA Healthcare Standard TIA-1179

Area: **Patient Rooms**
Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Patient Room	High Station	>14 in each WA

AV Ceiling Enclosure

- Manage multiple applications inside one enclosure
- Flush mounted, white enclosure
- Loaded with two Hubbell 20A duplex receptacles and a 2-gang back box



Description	Rating	Catalog Number
Wireless Access Point Ceiling Box	Non-Plenum	**AVCE1**
White enclosure 24"x12"x 8", (2) 20 Amp duplex receptacles & 2-gang back box	Plenum Rated	**AVCE1P**
Data Kit		**AVCE1KIT**

HUBBELL® Wiring Systems

Nurse's Station



USB Charger Duplex Receptacles

- Deliver faster charging options
- Provides convenient USB and electrical power in a standard single-gang electrical opening
- The device's two USB ports offer 3 amps 5VDC rating, and are capable of charging two tablets simultaneously
- An LED indicator lets users know when USB power is available to charge devices
- Hubbell's charger receptacles are energy efficient, going to "sleep mode" when not in use



TIA Healthcare Standard TIA-1179
Area: **Nurse Station**
Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Nurses Stations	High Station	>14 in each WA
Registration	Med. Station	6–14 in each WA

Nurse's stations are the command center for each patient care area within a healthcare facility. Here it is crucial to maintain accurate and timely records, pharmacy requests, wireless nurse call systems and intra-hospital communication. This requires the highest level of network connectivity and power reliability.

Surge Protection and Isolated Ground Hospital Grade Devices

Isolated Ground

- Isolates ground contacts from the mounting strap
- Green grounding screw connected directly to grounding contacts

Surge Protection

- Green LED indicates power is "on" and device is actively protecting against voltage surges



Surge Protection Receptacles, 20A 125V

Color	SNAP*Connect*®* Tamper-Resistant	Duplex	Isolated Ground
Blue	**SNAP8362S**	**HBL8362SA**	**IG8362SA**
Gray	**SNAP8362GYS**	**HBL8362GYSA**	**IG8362GYSA**
Red	**SNAP8362RS**	**HBL8362RSA**	**IG8362RSA**
White	**SNAP8362WS**	**HBL8362WSA**	**IG8362WSA**

Isolated Ground Receptacles , 20A 125V

Color	SNAP*Connect*®* Tamper-Resistant	Duplex
Red	**SNAP8300RIGTR**	**IG8300R**
Orange	**SNAP8300IGTR**	**IG8300**

Note: *See page 8 for SNAP*Connect*® pigtail connectors.

Hospital Grade USB Charger Receptacle

- Two USB ports 3 Amp, 5V DC, Type A, 2.0
- Tamper-Resistant (TR) decorator duplex
- Green LED indicator to show USB power available



Rating	Color	Catalog Number	Color	Catalog Number
20A 125V	Black	**USB8300BK**	Light Almond	**USB8300LA**
	Brown	**USB8300**	Red	**USB8300R**
	Gray	**USB8300GY**	White	**USB8300W**
	Ivory	**USB8300I**		

NEXTSPEED® and SPEEDGAIN® Category 6, 5e, 3, and USOC Jacks

- Verified Category 6 component compliant jack
- One punch termination reduces termination time by 75%
- Mating cycles exceed industry standards by two times



Color*	Category 6	Category 5e	Category 3	6-Position USOC
Black	**HXJ6BK**	**HXJ5EBK**	**HXJ3BK**	**HXJUBK**
Blue	**HXJ6B**	**HXJ5EB**	**HXJ3B**	**HXJUB**
Electric Ivory	**HXJ6EI**	**HXJ5EEI**	**HXJ3EI**	**HXJUEI**
Green	**HXJ6GN**	**HXJ5EGN**	**HXJ3GN**	**HXJUGN**
Orange	**HXJ6OR**	**HXJ5EOR**	**HXJ3OR**	**HXJUOR**
Office White	**HXJ6OW**	**HXJ5EOW**	**HXJ3OW**	**HXJUOW**
Red	**HXJ6R**	**HXJ5ER**	**HXJ3R**	**HXJUR**
White	**HXJ6W**	**HXJ5EW**	**HXJ3W**	**HXJUW**
Yellow	**HXJ6Y**	**HXJ5EY**	**HXJ3Y**	**HXJUY**
Other colors	**HXJ6xx**	**HXJ5Exx**	**HXJ3xx**	**HXJUxx**

For Color, Replace xx with: **AL** (Almond), **GL** (Gold), **GY** (Gray), **LA** (Light Almond), **P** (Purple) and **TI** (Telco Ivory)

Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.

Diagnostics

HUBBELL® Wiring Systems

With Hubbell's Hospital Grade MRI Duplex Receptacle, a completely non-magnetic receptacle design is available for Magnetic Imaging areas within hospitals. Hubbellock® Mobile X-Ray Devices include the plugs and receptacles needed to safely and reliably connect and disconnect X-Ray machines.

MRI Hospital Grade Receptacles

- Exclusive nickel-plated bypass power contact design
- Complete non-magnetic construction
- Deep body design and one-piece nickel plated brass ground strap



Description	Color	15A 125V	20A 125V
MRI receptacle, flush, thermoplastic polyester face, back and side wired	Ivory	**HBL8200IMRI**	**HBL8300IMRI**
	Light Almond	**HBL8200LAMRI**	**HBL8300LAMRI**
	Red	**HBL8200RMRI**	**HBL8300RMRI**
	White	**HBL8200WMRI**	**HBL8300WMRI**

Mobile X-Ray Plugs and Receptacles

- Stainless steel construction
- Ergonomic design
- Spring load safety shutter



Description	50A 250V AC	60A 250V AC
Receptacle with stainless steel plate assembly	**HBL25505**	**HBL25605**
Receptacle with cast aluminum plate assembly	**HBL25503**	**HBL25603**
Replacement receptacle interior	**–**	**IN16494**
Plug, with epoxy kit, less cord clamp	**HBL25515**	**HBL25615**
Plug, with cord clamp, less epoxy kit	**HBL25525**	**HBL25625**



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.

NEXTSPEED® Category 6A Shielded Jacks

- Quick and easy terminal grounding connection
- Tool less termination
- Third-party tested and verified for category 6A component ISO/TIA





Description	Wiring	2 Pk	24 Pk
Category 6A shielded jacks	B-Wired	**SJ6A2A**	**SJ6A24A**
	A-Wired	**SJ6A2B**	**SJ6A24B**

Description	Color	Catalog Number
Shield colored dust covers 100 per package	Blue	**IDCSB**
	Black	**IDCSBK**
	Green	**IDCSGN**
	Orange	**IDCSOR**
	Yellow	**IDCSY**

NEXTSPEED® Shielded Category 6A Patch Cords

- Reliable with additional protection against ANEXT and other external noise sources
- Third-party tested and verified for category 6A component



Color	3 ft.	5 ft.	7 ft.	10 ft.	15 ft.	20 ft.	25 ft.
Black	**PC6ABK03**	**PC6ABK05**	**PC6ABK07**	**PC6ABK10**	**PC6ABK15**	**PC6ABK20**	**PC6ABK25**
Blue	**PC6AB03**	**PC6AB05**	**PC6AB07**	**PC6AB10**	**PC6AB15**	**PC6AB20**	**PC6AB25**
Gray	**PC6AGY03**	**PC6AGY05**	**PC6AGY07**	**PC6AGY10**	**PC6AGY15**	**PC6AGY20**	**PC6AGY25**
Yellow	**PC6AY03**	**PC6AY05**	**PC6AY07**	**PC6AY10**	**PC6AY15**	**PC6AY20**	**PC6AY25**



TIA Healthcare Standard TIA-1179

Area: **Diagnostic and Treatment**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
MRI & CT Scanner	High Station	>14 in each WA
Simulator Room	High Station	>14 in each WA
Linear Accelerator	High Station	>14 in each WA

HUBBELL® Wiring Systems

Examination Rooms



Dual Technology

Hubbell H-MOSS® Occupancy Sensors are available with dual technology, that uses both passive infrared and ultrasonic sensing technology. Because both technologies are used to detect occupancy, these sensors minimize the risk of false triggering and provide the best performing sensor for most applications.

ASHRAE 90.1-2010

Each enclosed space must have automatic lighting control this is either manual-on (vacancy) operation or auto-on (occupancy) to 50% of lighting power or less. Lighting must be automatically turned off within 30 min. Control must also be provided the occupant to select a two levels of illumination 30-70% and 100%.

Hospitals' and healthcare facilities' examination rooms have a need for safe, reliable power connections and lighting. Pediatric exam rooms require tamper-resistant receptacles. The ample lighting needed in exam rooms are often left on when doctors and patients leave the exam room, wasting significant energy. By simply outfitting these spaces with occupancy sensors, the lights will turn off when the room is vacant, providing immediate energy savings.

H-MOSS® Occupancy Wall Switch Sensors

- No neutral required for fast switch replacement
- Optional Hubbell patented adaptive technology eliminates manual adjustments
- No minimum load requirements



Description	Color	Single Circuit One Button	Dual Circuit Two Buttons
Adaptive Technology, Dual (Ultrasonic and Passive Infrared) wall switch with one or two buttons for manual/auto control, 1,000 sq. ft.	Ivory White	**AD2000I1** **AD2000W1**	**AD2000I2** **AD2000W2**
Description	**Color**	**Standard**	**with Nightlight**
Passive Infrared wall switch, 1,200 sq. ft.; manual adjusting; selectable manual/auto-on operation; dual-voltage 120/277V; 3-way capable	Ivory White	**WS2000I** **WS2000W**	**WS2000NI** **WS2000NW**

Hubbell-PRO Tamper-Resistant Receptacles with Power Indicating LEDs

- Combination Tamper Resistant and Power Indicating LEDs for pediatric circuits
- Circuit identification marking area
- Triple wire contacts and automatic self grounding staple



Description	Color	15A 125V AC	20A 125V AC
Hubbell-PRO Tamper-Resistant Receptacles with Power Indicating LED	Ivory Gray White Red	**8200IVLTR** **8200GYLTR** **8200WLTR** **8200REDLTR**	**8300IVLTR** **8300GYLTR** **8300WLTR** **8300REDLTR**



TIA Healthcare Standard TIA-1179

Area: **Examination Rooms**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Proceedure Room	Med. Station	6–14 in each WA
Observation Room	High Station	>14 in each WA
Evaluation Room	Med. Station	6–14 in each WA

Secure-IT™ Plates

- The tamper-resistant sliding cover
- Multiple labeling options
- Fiber and multimedia capabilities



Description	Size	Color	Face Plate	Replacement Cover	Cable-Thru Plate
Tamper-Resistant Face Plates	1-gang/4-port	Black	**TPF1BK**	**TPFCLBK**	**TPCP1BK**
	1-gang/4-port	Gray	**TPF1GY**	**TPFCLGY**	**TPCP1GY**
	1-gang/4-port	Office White	**TPF1OW**	**TPFCLOW**	**TPCP1OW**
	1-gang/4-port	White	**TPF1WH**	**TPFCLWH**	**TPCP1WH**

Description	Size	Color	Face Plate	Replacement Cover
Weatherproof Face Plates	1-gang/4-port	Gray	**TWPF1GY**	**ERFCLGY**

Physical Therapy Areas

HUBBELL® Wiring Systems

Physical therapy centers and spaces provide a variety of treatment options to help patients develop, maintain and restore movement and function. Hubbell has delivery system products including non-metallic multi-service floor boxes that deliver both power and datacom to any point in the room.

Hubbell SystemOne Floor Boxes and Fire-Rated Poke-Throughs

- Multi-service, multimedia and 4x4 applications
- Subplates accommodate various power and data configurations
- Covers are available in black, gray, brass, aluminum and ivory powder coat finishes



Floor Boxes

Description	Cat No.
Cast Iron	**S1CFB**
Steel	**S1SFB**
Steel AV	**S1SFBAV**
Non-Metallic	**S1PFB**

Fire-Rated Poke-Throughs

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

* Include through floor fitting, cover and subplate
For finish options, replace xx: **AL** (Aluminum Finish), **BRS** (Brass Finish), **BL** (Black) or **GY** (Gray)

Covers

Description	Type	Cat No.
Cast aluminum Covers	Carpet	**S1CFCxx**
	Tile	**S1TFCxx**

Subplates

Description		Description		Description	
Style Line® Decorator/GFCI for power and/or datacom applications	**S1SP**	Duplex/Duplex for power and/or datacom applications	**S1SPDU**	Duplex/Style Line® Decorator for power and/or datacom applications	**S1SPDUSL**
(4) 20A and (4) keystone openings. Power can be wired as single or two circuit and isolated ground.	**S1SP4X4**	Single Receptacle Opening for 20A-30A Twist-Lock® recep. (1.56" OD) and (2) Keystone openings	**S1SPTL**	Hubbell AV + Power (1) 20A, 125V receptacle and 3 unit recessed iSTATION opening for Data	**S1SP3IM**

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



Modularity and Aesthetics

SystemOne is a unique, in-floor delivery system that can be installed in either floor boxes or fire-rated poke-throughs. The system uses a modular approach with over twenty subplates that allow various voice, data and AV connector configurations to fit into each. They can be customized to meet virtually every power and communications application and are easily replaced to accommodate future technology expansion.

Snap Fit Connectors

- Superior performance and signal integrity
- Easily housed in all Hubbell work station and delivery products



F-Type Connectors

Color	F-Connector, Gold, 3 GHz, Pass-Thru, F/F Coupler	F-Connector, Gold, Pass-Thru, F/F Coupler	F-Connector, Gold, Recessed, Pass-Thru, F/F Coupler	RCA to F-Connector, Gold, Pass-Thru, F/F Coupler
Black	**SFF3GBK**	**SFFGBK**	**SFGRFBK**	**SFRFGBK**
Office White	**SFF3GOW**	**SFFGOW**	**SFGRFOW**	**SFRFGOW**
White	**SFF3GW**	**SFFGW**	**SFGRFW**	**SFRFGW**



3.5mm Stereo Jacks

Color	3.5mm to Solder	3.5mm to Screw Terminal	3.5mm to Pass-Thru, F/F Coupler	3.5mm to Pass-Thru, Gold F/F Coupler	3.5mm 110 Termination
Black	**SF35SJBK**	**SF35STBK**	**SF35FFBK**	**SF35GFFBK**	**SF35110BK**
Office White	**SF35SJOW**	**SF35STOW**	**SF35FFOW**	**SF35GFFOW**	—
White	**SF35SJW**	**SF35STW**	**SF35FFW**	**SF35GFFW**	—



ISF Series Outlet Frames and Wallplates

Hubbell's nylon plates are virtually unbreakable and UL Listed for power and low-voltage with label fields. The ISF Series frames are available 2-, 3-, 4- and 6-port configurations, as well as various colors and connector configurations.

HUBBELL® Wiring Systems

Auditorium and Conference Rooms



Large healthcare facilities include auditoriums and conference rooms where medical seminars, continuing education and meetings are held. To better facilitate these meetings, auditoriums and conference rooms must also accommodate the latest AV technology that include display devices, sound systems, video conferencing and more.

Hubbell SystemOne Six and Eight Inch Recessed Fire-Rated Poke-Throughs

- Recessed connections
- Flush, durable low profile cover in brushed brass plated, satin nickel plated, oil rubbed bronze plated, brushed aluminum and black powder coat
- Large variety of subplates to accommodate various power and data configurations



SystemOne Cover Finishes

SystemOne Recessed FRPT is available in five architectural finishes of brushed brass plated, satin nickel plated, bronze plated finish, brushed aluminum and black powder coat

The cast aluminum covers feature a low profile design with a thickness of 0.150" which meets ADA requirements.



6-Inch Fire-Rated Poke-Throughs

Description	Catalog Number
Pre-Wired FRPT for Data/AV includes: (2) pre-wired 20A receptacles with 18" leads plus 2 decorator openings including 2" EMT and ¾" EMT, (1) flange and cover assembly	**S1R6PTWZxxx**
FRPT for Furniture Feed Applications (1) 2" EMT, (1) ¾" EMT, (1) flange and cover assembly	**S1R6PTFFxxx**
Through floor fitting including 2" EMT and ¾" EMT	**S1R6PTFIT**

8-Inch Fire-Rated Poke-Throughs

Description	Catalog Number
Pre-Wired FRPT for Data/AV includes: (4) pre-wired 20A receptacles with 18" leads plus 3 gangs with 2" EMT for data and AV, (1) flange and cover assembly	**S1R8PTZZ3xxx**
Pre-Wired FRPT for Power includes: (4) pre-wired 20A receptacles with 18" leads plus 2 gangs with 2" EMT and 1" EMT (1) flange and cover assembly	**S1R8PTZZ2xxx**
Through floor fitting including 2" EMT for data and AV	**S1R8PTFIT3**

For finish options, replace xxx: **ALU** (Brushed Aluminum), **BLK** (Black Powder Coat), **BRS** (Brushed Brass, Plated), **BRZ** (Oil Rubbed Bronze, Plated) and **NKL** (Satin Nickel, Plated).



TIA Healthcare Standard TIA-1179

Area: **Operations**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Conference Room	Med. Station	6–14 in each WA

Hubbell Multimedia Connectivity

- Provides for higher capacity application connector count in a smaller footprint
- Allows multiple applications to run over the same horizontal run



HDMI Frame and Jacks

Description	Catalog Number
HDMI decorator frame, 1 port	**NS801xx**
HDMI decorator frame, 2 port	**NS802xx**
HXJ Series Jack, 10GbE	**HXJ6Axx**
HXJ Series Jack, Cat 6	**HXJ6xx**
HXJ Series Jack, Cat 5e	**HXJ5Exx**

For color replace xx with: **AL** (Almond), **BK** (Black), **GY** (Gray), **I** (Ivory), **LA** (Light Almond) or **W** (White)

Couplers and Feed Thrus

Description	Catalog Number
Data Coupler, Cat 6	**SFC6BK**
Data Coupler, Cat 5e	**SFC5EBK**
USB Coupler, A to B, Blue	**SFUSBABB**
USB Coupler, A to A, Blue	**SFUSBAAB**
HDMI Feed Thru Coupler, Black	**HDMIC14**
HDMI Keystone Feed Thru, Black	**SFHC14BK**
HDMI Keystone Feed Thru, White	**SFHC14W**

Hubbell X-End Patch Cords

Description	5 ft.	10 ft.	Application Tail
S-Video & 3.5mm	**AVS3505**	**AVS3510**	**AVS35T1**
S-Video & 2 RCA	**AVSRA05**	**AVSRA10**	**AVSRAT1**
S-Video & 3 RCA	**AVSCR05**	**AVSCR10**	**AVSCRT1**
S-Video, 3 RCA w/ L/R Audio	**AVSRC05**	**AVSRC10**	**AVSRCT1**
3 RCA w/ L/R Audio	**AVRC05**	**AVRC10**	**AVRCT1**
3 RCA Video	**AVCR05**	**AVCR10**	**AVCRT1**
3 RCA w/ S/PDIF	**AVCRD05**	**AVCRD10**	**AVCRDT1**
3 RCA & 3.5mm	**AVC3505**	**AVC3510**	**AVC35T1**
5 RCA w/ L/R Audio	**AVCAR05**	**AVCAR10**	**AVCART1**
5-BNC RGBHV	**AVB05**	**AVB10**	**AVBT1**

Administration

HUBBELL® Wiring Systems

Perfect for areas where lights are often inadvertently left on, Hubbell H-MOSS® Adaptive Technology Ceiling Sensors use microprocessor-based technology that monitors the controlled area and automatically adjusts the sensitivity and timer based on environmental history.

Adaptive Dual Technology Ceiling Sensors

- ATD sensors' superior sensing motion combines excellent minor motion detection of ultrasonic with the long range major motion of passive infrared
- Adaptive technology - "Install and Forget" - features all digital, automatic sensing technology
- CPR version feature photocell for daylight harvesting and relay to interface with auxilliary systems such as HVAC



Description	Coverage	Color	Photocell and Isolated Relay*	Sensor Only
Adaptive Dual Technology ceiling sonsor	2000 sq. ft.	White	**ATD2000CRP**	**ATD2000C**
	1000 sq. ft.	White	**ATD1000CRP**	**ATD1000C**
	500 sq. ft.	White	**ATD500CRP**	**ATD500C**
Control unit; 120/277V AC, 50/60 Hz; for use with ceiling sensors				**CU300A**

*CPR Version version feature photocell for daylight harvesting and relay to interface with auxilliary systems such as HVAC

Pre-Wired Work Surface Boxes

- Convenient and attractive method for work surface power and data connections
- When not in use, services are concealed by flipping the unit down



Description	Color	Catalog Number
Square Lift-Up Style - (2) pre-wired 15A outlets with 6-ft. power cord; 1-unit opening for Hubbell iSTATION modules; 5.75"L x 5.39"W x 4.25"H	Black Silver	**WSBC21UBK** **WSBC21USV**
Square Mini Lift-Up Style - (1) pre-wired 15A outlet w 9-ft. power cord; (1) RJ-45 jack installed with 6-ft. patch cord; 3.7"L x 3.7"W x 2.93"H	Black Brushed Stainless Steel	**WSBA11BK** **WSBA11BSS**
Square Mini Lift-Up Style - (2) pre-wired 15A outlets with 9-ft. power cord (power only); 3.7"L x 3.7"W x 2.93"H	Black Brushed Stainless Steel	**WSBA2BK** **WSBA2BSS**



Hubbell Surge Protective Devices (SPD)

A good-better-best approach to surge protection levels allows customers to choose the proper protection level for their application.



Surge strips are available in various models from strips with USB ports, energy savings surge strips to specialty applications requiring telephone line, CATV and satellite protection.

15 and 20 Amp, specification and hospital grade, Hubbell's surge receptacle offering include 4-Plex, standard duplex and SNAP*Connect*® versions.

Hubbell iSTATION Furniture Plates

- Integrate seamlessly with a variety of office furniture systems
- Made of durable high-impact thermoplastic housing with openings to fit any keystone data jack and adequate labeling space for easy identification



Description	Color	2-Port	4-Port (Stacked 2x2)	4-Port (In line)
Furniture Plates (Steelcase®, Haworth®, HON®, Knoll®, etc.) Opening Size: 2.71" x 1.38"	Black	**SFF3GBK**	**SFFGBK**	**SFGRFBK**
	Office White	**SFF3GOW**	**SFFGOW**	**SFGRFOW**
	White	**SFF3GW**	**SFFGW**	**SFGRFW**



Patch Cords

- Snagless design
- Cat 6A sled technology improves crosstalk



	Category 6A		Category 6		Category 5e	
Length	Black	Blue	Black	Blue	Black	Blue
1 ft.	**HC6ABK01**	**HC6AB01**	**HC6BK01**	**HC6B01**	**HC5EBK01**	**HC5EB01**
3 ft.	**HC6ABK03**	**HC6AB03**	**HC6BK03**	**HC6B03**	**HC5EBK03**	**HC5EB03**
5 ft.	**HC6ABK05**	**HC6AB05**	**HC6BK05**	**HC6B05**	**HC5EBK05**	**HC5EB05**
10 ft.	**HC6ABK10**	**HC6AB10**	**HC6BK10**	**HC6B10**	**HC5EBK10**	**HC5EB10**
20 ft.	**HC6ABK20**	**HC6AB20**	**HC6BK20**	**HC6B20**	**HC5EBK20**	**HC5EB20**

TIA Healthcare Standard TIA-1179

Area: **Operations**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Administration	Med. Station	6–14 in each WA
General Office	Low Station	2–6 in each WA

Steelcase® is a registered trademark of Steelcase, Inc. Haworth® is a registered trademark of Haworth, Inc.
HON® is a registered trademark of The HON Company. Knoll® is a registered trademark of Knoll, Inc.

HUBBELL® Wiring Systems

Common Areas



Tamper-Resistant

The NEC® Article 517-18 (c) requires the use of tamper-resistant receptacles in common areas where children are present, as well as all pediatric areas. Hubbell offers the industry's best-in-class hospital grade tamper-resistant receptacle along with a line of GFCI and specification grade devices that include tamper resistant shutters designed for common areas. Hubbell tamper-resistant receptacles restrict access of single-pronged items like paper clips, pens or keys.

Hospitals and healthcare facilities include many common areas like waiting rooms, receptionist areas, corridors and more. These spaces require products able to withstand day-to-day punishment while also ensuring the safety and convenience for all staff and visitors.

Tamper-Resistant Hospital Grade Receptacles

- Deep face design delivers increased impact resistance
- Wire leads for fast installation and no exposed metal
- Integral ID marking surface



Description	Rating	Color	Catalog Number
HBL Extra Heavy Duty Tamper-Resistant Receptacles	15A 125V	Black	**HBL8200SGIA**
		Gray	**HBL8200SGRA**
		Ivory	**HBL8200SGWA**
	20A 125V	Black	**HBL8300SGIA**
		Gray	**HBL8300SGRA**
		Ivory	**HBL8300SGWA**

Description	Ratine	Color	Catalog Number
Hubbell-PRO Tamper-Resistant Receptacles	15A 125V	Black	**8200IVTR**
		Gray	**8200REDTR**
		Ivory	**8200WTR**
	20A 125V	Black	**8300IVTR**
		Gray	**8300REDTR**
		Ivory	**8300WTR**

USB Charging Receptacle and 4 Port Outlet Charger

- Green LED indicator to show USB power available
- Four USB ports 5 Amp, 5V DC, Type A, class 2.0



20A 125V USB Charging Receptacle

Description	Color	Catalog Number
Two USB ports 3 Amp, 5V DC, Type A, class 2.0 Tamper-Resistant Style Line® decorator duplex	Black	**USB20X2BK**
	Brown	**USB20X2**
	Gray	**USB20X2GY**
	Ivory	**USB20X2I**
	Lt. Almond	**USB20X2LA**
	Red	**USB20X2R**
	White	**USB20X2W**

USB Charger 4 Port Outlet

Description	Color	Catalog Number
Four USB Type A, class 2.0 ports, 5 Amp, 5 Volt DC, Style Line® decorator	Brown	**USB4**
	Black	**USB4BK**
	Gray	**USB4GY**
	Ivory	**USB4I**
	Light Almond	**USB4LA**
	White	**USB4W**



TIA Healthcare Standard TIA-1179

Area: **Diagnostic and Treatment**
Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Family Lounge	Low Station	2 – 6 in each WA
Waiting Room	Low Station	2 – 6 in each WA
Consultation	Low Station	2 – 6 in each WA

Wireless Access Point Ceiling Box

- Locked and secure for remote locations
- Flexible mounting options
- Ceiling and wall mount enclosures optimize space



Description	Mounting Plate (HxW)	External Dimensions (HxWxD)	Door Weight Capacity	Total Capacity	Cable Entry	Catalog Number
Universal WAP enclosure	9.7" x 5.25"	4" x 10" x 12.7"	15 lb.	20 lb.	6.5" x 1.2"	**WBC1**
Cisco® Aironet® 1200 series		10" x 10.5" x 13.2"	15 lb.	20 lb.	6.5" x 1.2"	**WBC12**

AV In-Wall Enclosure (FPTV)

- Deep face design delivers increased impact resistance
- Wire leads for fast installation and no exposed metal
- ID marking surface provides quick sure circuit identification



Description	Catalog No.
2-Gang In-Wall Enclosure, White	**NSAV62M**
Steel Cover for NSAV6, White	**NSAV6C**

Description	Catalog No.
Standard Power Kit, White	**NSOKP**
Surge Protected Power Kit, Blue	**NSOKPS**

Restrooms

With a restroom in every patient room and throughout staff and public areas, hospitals and healthcare facilities can contain hundreds of restrooms. Required by code, receptacles in any wet area must be a ground fault circuit interrupter. Many healthcare restrooms require hospital grade GFCIs while others can use commercial-grade GFCIs.

Hospital Grade GFCI Tamper-Resistant Weather Resistant Receptacles

- Ground fault indicator flashes red when device has lost capability to provide protection
- Test button functionally tests both electronic components and trip mechanism
- No power at device face if reverse wired



			AUTOGUARD® Self Test	Circuit Guard®	SNAP*Connect*® GFCI*	Circuit Guard®
	15A 125V	Ivory	**GFR8200SGI**	**GFR8200HITR**	**GFTR8200SNAPINA**	**GFR8200HILA**
		Red	**GFR8200SGR**	**GFR8200HRTR**	**GFTR8200SNAPRNA**	**GFR8200HRLA**
		White	**GFR8200SGW**	**GFR8200HWTR**	**GFTR8200SNAPWNA**	**GFR8200HWLA**
	20A 125V	Ivory	**GFR8300SGI**	**GFR8300HITR**	**GFTR8300SNAPINA**	**GFR8300HILA**
		Red	**GFR8300SGR**	**GFR8300HRTR**	**GFTR8300SNAPRNA**	**GFR8300HRLA**
		White	**GFR8300SGW**	**GFR8300HWTR**	**GFTR8300SNAPWNA**	**GFR8300HWLA**

Description	Wire Type	General Use	Assembled in USA
SNAP*Connect*® Right Angle Pigtailed Connector - 600V Clear right angle terminal with 6 inch leads #12 AWG THHN/THWN-2; Polycarbonate housing material	Solid Stranded	**SNAP1RA** **SNAP2RA**	**SNAP1RNA** **SNAP2RNA**

SNAP*Connect* GFCI must use a SNAPConnect Pigtailed connector.

Ultrasonic Adaptive Technology Occupancy Sensors

- Provides superior minor motion sensitivity, even in stalls
- Automatically adjusts sensor settings for optimum performance
- Use optional isolated relay to integrate with building automation and HVAC systems



Ceiling Sensor

Description	Color	Catalog No.
Ceiling sensor 2000 sq. ft.	White	**ATU2000C**
Control unit; 120/277V AC, 50/60 Hz for use with ceiling sensors		**CU300A**

Wall Switch

Description	Color	Catalog No.
Wall switch w/o button, 400 sq. ft.	Ivory White	**AU1277I1N** **AU1277W1N**

Wireless Sensors

- Eliminates need to run extra wires
- Supports highly reconfigured spaces
- Helps manage energy consumption



Description	Color	Catalog Number
Ceiling mount 360° - 324-676 ft²	White	**WLP450C**
Wall mount 180° - 3000 ft²	White	**WLP3000W**
Corner mount - 90° - 2500 ft²	White	**WLP2500W**

Description	Color	Catalog Number
8A Lighting, 3A Fan (1/10 HP motor, 120V only), Spec Grade Electronic Switch 120–277V, No Neutral Wire Required	White	**WLS1278W**
	Ivory	**WLS1278I**

Description	Catalog Number
Wireless load control unit with isolated relay	**WLC316R**

Compatible Transmitters: WLP series and WLDH sensors or any Lutron Clear Connect Enabled Sensor





GFCI Safety Code

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® 406.9, providing UV and corrosion resistance for harsh, damp applications.

While GFCIs protect people in bathrooms, scrub rooms, kitchenettes and other potentially wet locations throughout healthcare facilities, they should not be used in critical care patient areas or for electrical life support equipment in ICUs and operating rooms because of the possibility of power interruption.



Wireless Sensors

There are many retrofit applications where running the extra wiring for traditional occupancy sensors is difficult or impossible. This is where Hubbell’s WL-Series Wireless Controls shine by eliminating sensor wiring. Deploy Hubbell’s popular wired controls where you can and then utilize WL-Series Controls in the areas that have hard ceilings, asbestos, or poor switch locations.

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Data Centers



Data Center Design

A properly designed infrastructure will maintain network up-time and security, provide operational efficiency, support future technology and sustain regulatory changes. Data Center Infrastructure Management (DCIM) is the integration of information technology and facility management disciplines to centralize monitoring, management and capacity planning of a data center's critical systems.

Infrastructure design decisions can affect long-term reliability and total cost of ownership. Designing simple features into the infrastructure will dramatically improve data center performance parameters such as: Air Flow, Response Time, Administration, Space Utilization, Security and Aesthetics.



Cost Impact of Downtime

Studies show that losses from downtime can run into the millions of dollars. More than 50% of all data center infrastructure failures result from improper design, maintenance or administration activities[1]. The infrastructure must enable IT managers to deploy equipment, complete reconfigurations, and respond to maintenance issues as quickly as possible.

[1] "Site Uptime® Procedures and Guidelines for Safely Performing Work in an Active Data Center", CompuSite Engineering, Inc. and the Uptime Institute (2007).

Data centers are the very core of modern healthcare facilities, supporting all the applications needed to maintain daily communications, electronic health records, and critical storage and transmission of medical information. Data centers also must support all satellite operations within the healthcare network. Healthcare facilities need a data center solution that can address both power and data while supporting sustainability through energy savings, space efficiency, reliability and uptime.

XXL Series Vertical Organizers



- Cabinets, racks and cable management for efficient cooling and space utilization
- Fiber and copper connections, assemblies, and patch panels

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

Channel Depth does not include rear cable organizer. Rear cable organizer depth is 7 3/4"

BIDnet



- Hubbell BIDnet™ pre-terminated copper trunk assemblies are factory tested and terminated for maximum performance and reduced installation time

All BIDnet pre-terminated cable assemblies are made-to-order items. Please call out inside sales team at (800) 626-0005 for lead-time and availability.
Jack to Open, Jack to Jack and Jack to Plug

Full Size Server and Network Cabinets



- Large open base for cable entry and exit
- Perforated front and rear doors provide enhanced airflow,
- 180 degree door swing provides complete equipment access

H2 Series Full Size Network Cabinet

Height	Depth	Width	Color	Rack Units	Standard w/sides	Standard w/o sides
84"	36"	30"	Black	45	**H2N8436**	**H2N8436E**
84"	32"	30"	Black	45	**H2N8432**	**H2N8432E**
80"	36"	30"	Black	43	**H2N8036**	**H2N8036E**
80"	32"	30"	Black	43	**H2N8032**	**H2N8032E**



H2 Series Full Size Server Cabinet

Height	Depth	Width	Color	Rack Units	Standard w/sides	Standard w/o sides
80"	42"	24"	Black	43	**H2S8042**	**H2S8042E**

Patch Cords



- Snagless design
- Ascent sled technology improves crosstalk providing increased performance

	Category 6A		Category 6		Category 5e	
Length	Black	Blue	Black	Blue	Black	Blue
1 ft.	**HC6ABK01**	**HC6AB01**	**HC6BK01**	**HC6B01**	**HC5EBK01**	**HC5EB01**
3 ft.	**HC6ABK03**	**HC6AB03**	**HC6BK03**	**HC6B03**	**HC5EBK03**	**HC5EB03**
5 ft.	**HC6ABK05**	**HC6AB05**	**HC6BK05**	**HC6B05**	**HC5EBK05**	**HC5EB05**
10 ft.	**HC6ABK10**	**HC6AB10**	**HC6BK10**	**HC6B10**	**HC5EBK10**	**HC5EB10**
20 ft.	**HC6ABK20**	**HC6AB20**	**HC6BK20**	**HC6B20**	**HC5EBK20**	**HC5EB20**

Data Centers

Hubbell OptiChannel Rack Enclosures



- Rack mount enclosure enhance the management capabilities of high-density fiber optic connections at the interconnect or cross-connect
- Features a one-piece removable cover and magnetic door
- Integrate seamlessly with a wide range of panel and cassette options and are available in 1 to 4U sizes to house anywhere from 72 to 360 LC fiber ports

Description	Rack Units	Dimensions Inches (mm) Height	Width	Depth	Max LC Port Capacity	Color	Catalog Number
High Density 144 Port 1U Enclosures	1	1.75" (44)	19" (483)	17" (432)	144	Black	**FCRHD1UBK**
	1	1.75" (44)	19" (483)	17" (432)	144	Gray	**FCRHD1UGY**

Description	Rack Units	Dimensions Inches (mm) Height	Width	Depth	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog Number
Enhanced Rack Mounted Enclosures	1	1.75" (44)	17" (432)	17" (432)	3	2	72	**FCR1U3SP**
	2	3.5" (89)	17" (432)	17" (432)	6	6	144	**FCR2U6SP**
	3	5.25" (133)	17" (432)	17" (432)	12	12	288	**FCR3U12SP**
	4	7.00" (178)	17" (432)	17" (432)	15	16	360	**FCR4U15SP**



Efficiency and Sustainability

Hubbell's iFRAME® cabinets and NEXTFRAME® cable management systems provide for maximum airflow and space utilization supporting efficiency and sustainability in the datacenter.

BIDnet

- Hubbell BIDnet™ pre-terminated Fiber trunk assemblies are factory tested and terminated for maximum performance and reduced installation time



All BIDnet pre-terminated cable assemblies are made-to-order items. Please call out inside sales team at (800) 626-0005 for lead-time and availability.
MTP Fiber Cords, Distribution Trunks and Pigtails, Mesh Bundle Trunks, 40 Gb/s and 100 Gb/s MTP Fiber Cords, Transition Assemblies, and Distribution Fans-Out Trunks and Pigtails

Grounding and Bonding



- High strength products for rugged service environments
- Full product offering for all telcom rooms, service entrance facilities and data centers' grounding and bonding requirements

Description	AWG	Single	Double
Compression Lugs - Long barrel with inspection window. Available in 6 AWG up to 750 kcmil	6	**HGBL06S**	**HGBL06D**
	4	**HGBL04S**	**HGBL04D**
	2	**HGBL02S**	**HGBL02D**
	1	**HGBL01S**	**HGBL01D**

Description	Copper	Tin Plated Copper
Rack Ground Busbar On-Rail	**HBBBHR19KT**	**HBBBHR19KTTP**
Rack Ground Busbar In-Cabinet	**HBBBVR36KT**	**HBBBVR36KTTP**
Telecommunications Grounding Busbar	**HBBB14210A**	**HBBB14210ATP**

Description	Catalog Number
Raised Floor Pedestal Clamps	
Parallel or grid; 6 – 4/0 AWG; Stainless Steel 1/2"	**HGBGXP1828RF**
Parallel; 4 – 2/0 AWG; Silicon Bronze 9/16"	**HGBGP1526G1**
Parallel; 8 – 2 AWG; Silicon Bronze 9/16"	**HGBGRF4C3**



Grounding and Bonding

The grounding and bonding in the data center is very important when protecting active equipment from dangerous electrical charges. There is a significant need for grounding in this room to prevent equipment failure and increase overall equipment performance.

HUBBELL® Wiring Systems

Laboratories



Ultimate Flexibility

Hubbell raceway accommodates the changing needs of research facilities, medical test labs and pharmacies. Raceway offers the ability to provide standard convenience receptacles and datacomm connections, as well as serve the power requirements of larger equipment. Receptacles or datacomm ports can also be easily added where needed.

Hubbell Aluminum Pre-Wired Raceway



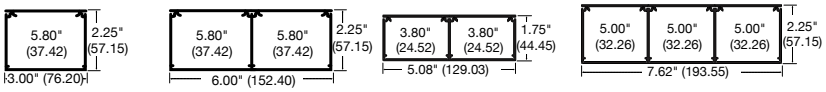
Save time and money, completing the job quicker and on schedule with Hubbell pre-wired raceway. Aluminum raceway resists oxidation, corrosion and fading and is available in single, dual and three channel with a wide selection of fittings and boxes.

Medical labs require an array of power, data and AV configurations and the means to deliver connection points precisely where needed. In this environment they can also be exposed to corrosive chemicals and materials. In addition, labs typically undergo reconfiguration to accommodate changing medical needs, testing and new equipment.

Hubbell Aluminum Raceway

- Resists oxidation, corrosion and fading
- Available in single, dual and three channel with a wide selection of fittings and boxes





Description	HBLALU3800	HBLALU4800	HBLALU5000	HBLALU7620
Base 10ft	**HBLALU3800B10**	**HBLALU4800B10**	**HBLALU5000B10**	**HBLALU7620B10**
5 ft. cover 1 channel	**HBLALUC5**	**HBLALUC5**	**HBLALUC57**	**HBLALUC57**
5 ft. cover 2 channel	—	—	**HBLALU2C57**	**HBLALU2C57**
Covers				
Duplex	**HBLALUDR**	**HBLALUDR**	**HBLALU57DR**	**HBLALU57DR**
Rectangular	**HBLALUG**	**HBLALUG**	**HBLALU57G**	**HBLALU57G**
Toggle Switch	**HBLALUN**	**HBLALUN**	**HBLALU57N**	**HBLALU57N**
Hubbell iStation	**HBLALULPB*** **HBLALULPBA****	**HBLALULPB*** **HBLALULPBA****	**HBLALU57LPB****	**HBLALU57LPB****
Fittings				
Internal Elbow	**HBLALU3817**	**HBLALU4817**	**HBLALU5017**	**HBLALU7617**
External Elbow	**HBLALU3818**	**HBLALU4818**	**HBLALU5018**	**HBLALU7618**
Tee	**HBLALU3815**	**HBLALU4815**	**HBLALU5015**	**HBLALU7615**
Cover Clip	**HBLALU3806**	**HBLALU4806**	**HBLALU5006**	**HBLALU7606**

* Use KPIMBZGY KP Plate
** Use IMF1GY or IFPxxGY Series Plates

For full offering of Raceways and fittings, please visit our online catalog at hubbell-wiring.com.



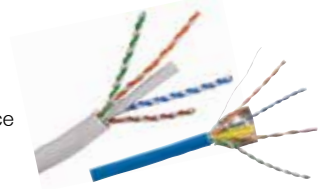
TIA Healthcare Standard TIA-1179

Area: **Diagnostic and Treatment**
Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Laboratory	High Station	>14 in each WA

NEXTSPEED® UTP and FTP Cable

- Designed to operate as a high-performance balanced solution
- Supports the latest ratified industry standards for component compliance
- Typical round design allows for ease of installation



Description	Plenum Spool	Plenum REELEX	Riser Spool	Riser REELEX
UTP Cable, Cat. 6A, 4-Pair	**C6ASPxx**	**C6ASRxx**	**C6ASRxx**	—
10GbE FTP Cable, 4-Pair, 1000' length	**C6FTPSPx***	**C6FTPSRx***	**C6FTPSRx***	—
UTP Cable, Cat. 6 Enhanced, 4-Pair	**C6ESPxx**	**C6ESRxx**	**C6ESRxx**	—
UTP Cable, Cat. 6, 4-Pair	**C6SPxx**	**C6RPxx**	**C6SRxx**	**C6RRxx**
Link 6 UTP Cable	—	**C6RPEXX**	—	**C6RREx**
Category 5E UTP Cable, 4-Pair	**C5EPSPxx**	**C5EPRPxx**	**C5EPSRxx**	**C5EPRRxx**
UTP Cable, Category 5e, 4-Pair	**C5ESPxx**	**C5ERPxx**	**C5ESRxx**	**C5ERRxx**

For color replace xx with **B** (Blue), **GY** (Gray), **W** (White) and **Y** (Yellow).
*For color replace x with **B** (Blue), **GY** (Gray) and **W** (White)

NEXTSPEED® Ascent Category 6A Shielded Jacks

- Category 6A shielded jacks deliver the ultimate in external noise protection
- Supports power over Ethernet (PoE) and PoE+ applications
- Right-angled IDC contacts allow each twisted pair to be segregated for suppressing pair-to-pair near-end crosstalk



Description	2 Pk	24 Pk
A-Wired	**SJ6A2A**	**SJ6A24A**
B-Wired	**SJ6A2B**	**SJ6A24B**

Kitchen and Food Services

HUBBELL® Wiring Systems

Hospital, rehabilitation, long term care and hospice facilities include kitchens and food service areas to feed patients, staff and visitors. These food preparation spaces have a wide variety of power requirements. They require modularity to move in various types of appliances as meals and menus change.

Watertight Safety-Shroud® Twist-Lock®

- Maintains UL Type 4X watertight seal when in use and when disconnected with cover closed
- Recessed blades provide protection against bending and breaking
- Neoprene sealing gland and thermoplastic guard assure sealing when fully connected



Watertight Twist-Lock®

- Double insulated elastomeric cover and thermoplastic body for extra safety and water resistance
- Easy-clean body styling
- Closure cap seals out water and dirt when not in use



NEMA Rating Color Coded by Voltage		Poles/ Wires	Watertight Safety-Shroud® Twist-Lock® Plug	Watertight Safety-Shroud® Twist-Lock® Connector	Watertight Twist-Lock® Plug	Watertight Twist-Lock® Connector
15A 125V	L5-15	2P/3W	—	—	**24W47H**	**25W47H**
20A 125V	L5-20	2P/3W	**HBL2311SW**	**HBL2313SW**	**26W47H**	**27W47H**
20A 250V	L6-20	2P/3W	**HBL2321SW**	**HBL2323SW**	**26W48H**	**27W48H**
20A 3Ø 250V	L15-20	3P/4W	**HBL2421SW**	**HBL2423SW**	**26W75H**	**27W75H**
30A 3Ø 250V AC	L15-30	3P/4W	**HBL2721SW**	**HBL2723SW**	**28W75H**	**29W75H**



Watertight Safety

Hubbell offers a variety of watertight electrical connections. Hubbell's Watertight Safety-Shroud® Twist-Lock® devices are another example of Hubbell innovation making devices better. The safety shroud prevents unintentional contact with plug blades as it is connected. Hubbell's pin and sleeve devices offer durable watertight housings and higher amperage configurations up to 200 amps. Hubbell watertight devices are available in straight blade and Twist-Lock® configurations.

HI-IMPACT RJ45 Connectors

- IP67 and IP66 rated for ingress protection against dust and liquids
- Durable, rugged construction for harsh environments
- Supports power over Ethernet (PoE and PoE+)



Description	Catalog Number
Category 6 Connector (UTP)	**HI6**
Protective Cap	**HIC**

	Catalog Number
Category 5e Connector	**HI5E**
Inline Coupler, Category 5e	**HI5EC**

RE-BOX® Remote Equipment Cabinet

- Houses and protects a variety of active and passive network equipment
- Features a modular backboard system with equipment mounting brackets



Pre-Configured Version - 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

Switch Capacity	Max. Switch Depth	Height	Width	Depth	Color	Light Gray	Black
2U	14" (356)	32" (813)	24.2" (615)	7" (178)	Light gray	**RE2**	**RE2B**
5U	14" (356)	32" (813)	24.2" (615)	10" (254)	Light gray	**RE4**	**RE4B**
5U	22" (559)	42" (1067)	24.2" (615)	10" (254)	Light gray	**RE4X**	**RE4XB**



TIA Healthcare Standard TIA-1179

Area: **Operations**

Communication recommendations for outlet densities

Area	Workstation	LAN Connections
Food Service	Med. Station	6–14 in each WA
Cafeteria	Low Station	2 –6 in each WA
General Storage	Low Station	2 –6 in each WA

HUBBELL® Wiring Systems

Maintenance and Plant Engineering



Motor Load Safety

The NEC® requires motor controllers on equipment like HVAC units and compactors to have a disconnect within line of sight (Article 430.102) and allows a controller and disconnect to be the same device (Article 430.109) combining both functions in one device.

Hubbell CIRCUIT-LOCK® devices save space, time and money. The dual rating means installing one device instead of two for reduced complexity and faster deployments to get up and running sooner.

NEC® is a registered trademark of the National Fire Protection Association (NFPA).
Valox® is a registered trademark of SABIC Innovative Plastics acquired from GE.



Certified by NSF

Hubbell's stainless steel disconnect switch has been certified by NSF International for hygiene applications in food and beverage processing. These switched enclosures are designed for harsh environments to withstand exposure to water, chemicals, oils and frequent wash-downs. They feature 304 Series Stainless Steel and are UL listed Type 4X and 12 with a high visibility red handle that can be locked in the "OFF" position for compliance with OSHA lockout/tagout regulations.

Every healthcare facility includes maintenance and plant areas that are similar to an industrial facility. Large equipment like back-up generators, compactors, loading dock equipment, HVAC units and air handlers all need high-capacity, safe and reliable power. Without it, an entire healthcare facility can shut down, compromising patient care.

Twist-Lock® Plugs, Connectors and Receptacles

- Integral dusts shield protects wiring chamber from dust or contaminates
- Tough ribbed nylon housing provides a secure grip with impact and chemical resistance
- Two part cord grip tightens with two screws for maximum strain releif



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

Stainless Steel and Non-Metallic Disconnects

- UL listed as a manual motor controller and is "suitable as a motor disconnect"
- NSF Certified by NSF for hygiene in Food Processing applications





Description	Non-Metallic	Stainless Steel
30A disconnect switch	**HBLDS3**	**HBLDS3SS**
30A disconnect switch with HBLAC1 auxuliary contact	**HBLDS3AC**	**HBLDS3SSAC**
60A disconnect switch	**HBLDS6**	**HBLDS6SS**
60A disconnect switch with HBLAC1 auxuliary contact	**HBLDS6AC**	**HBLDS6SSAC**
100A disconnect switch	**HBLDS10**	**HBLDS10SS**
100A disconnect switch with HBLAC1 auxuliary contact	**HBLDS10AC**	**HBLDS10SSAC**
Auxiliary contacts, "break after main break" 1 set of n/o & n/c contacts	**HBLAC1**	**HBLAC1**
Auxiliary contacts, "break before main break" 1 set of n/o contacts	**HBLAC2**	**HBLAC2**

Industrial Power Cord Reels

- Available in 15 and 20A 125V with 45 Foot Length and #12/3 SJEO Cable Type



Cord End	NEMA Style	Amps	Weight Lbs. (kg)	Catalog Number
Without cord ends.	5-15R	15	21 (9.5)	**HBL45123**
HBL5269C connector.	5-15R	15	28 (12.7)	**HBL45123C**
HBL5369C connector.	5-20R	20	28 (12.7)	**HBL45123C20**
HBL2313 connector.	L5-20R	20	28 (12.7)	**HBL45123TL20**
Portable outlet box with (2) gray duplex receptacle.	5-20R	20	29 (13.2)	**HBL45123R220**
Portable outlet box with (1) ground fault protected gray duplex receptacle.	5-15R	15	29 (13.2)	**HBL45123GF15**
	5-20R	20	29 (13.2)	**HBL45123GF20**

Outdoor Areas

HUBBELL® Wiring Systems

From air handling equipment to ambulance bays, healthcare facilities have multiple outdoor areas that require power and cable protection. These spaces must maintain a high level of safety for patients, staff and visitors entering and exiting a healthcare facility.

Mechanical Interlocks

- Interlock eliminates making or breaking the circuit under load for maximum safety
- Non-metallic Valox® housing meets UL50 Type 4X, 12X, and IP67 for harsh environments
- Incorporates a disconnect switch and receptacle in one compact economical unit

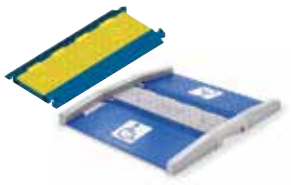


Rating Color Coded by Voltage	Poles/ Wires	Mechanical Interlock	Mating Plug
20A 120/240V	3P/4W	**HBL420MI12W**	**HBL420P12W**
20A 3Ø 480V	3P/4W	**HBL420MI7W**	**HBL420P7W**
30A 120/240V	3P/4W	**HBL430MI12W**	**HBL430P12W**
30A 3Ø 480V	3P/4W	**HBL430MI7W**	**HBL430P7W**
30A 3Ø 600V	3P/4W	**HBL430MI5W**	**HBL430P5W**

Rating Color Coded by Voltage	Poles/ Wires	Mechanical Interlock	Mating Plug
60A 120/240V	3P/4W	**HBL460MI12W**	**HBL460P12W**
60A 3Ø 480V	3P/4W	**HBL460MI7W**	**HBL460P7W**
60A 3Ø 600V	3P/4W	**HBL460MI5W**	**HBL460P5W**
100A 120/240V	3P/4W	**HBL4100MI12W**	**HBL4100P12W**
100A 3Ø 480V	3P/4W	**HBL4100MI7W**	**HBL4100P7W**

Hose and Cable Protection

- AccessTrak®: expanable five channel system is a modular cable protection for compliance with ADA accessibility guidelines
- TredTrak®: five channel system for pedestrian and light vehicle traffic
- TrukTrak®: two, three and five channel system for heavy trucks and fork lifts



Description	TrukTrak Kit	TredTrak Kit	AccessTrak Kit
Five channel hose and cable protection system	**HBLTT5B**	**HBLTRED5B**	**HBLAT5KITA**

H-MOSS®|MAXX™ OPTIMYZER® Sensors

- Watertight occupancy sensor is ideal for harsh environment
- IP65, NEMA 3R watertight and outdoor rated

Watertight OPTIMYZER®

Description	Voltage	Catalog Number
Pir sensor, relay with photocell	120-347V AC	**HMHB21UPCW**
Pir sensor, 2 relays with photocell	120-347V AC	**HMHB22UPCW**
Pir sensor, 1 double pole relay with photocell	208, 240V AC	**HMHB23APCW**
Pir sensor, 1 double pole relay with photocell	480V AC	**HMHB23BPCW**



Outdoor Rated Watertight Wall Mount PIR Sensor

Description	Voltage	Catalog Number
IP66, NEMA 4X, heavy duty wall or pendant mount sensor with -40°F to 149°F (-40°C to 65°C) operating PIR sensor, with isolated relay and photocell temperature range and 160° of coverage	24V DC	**AHP1600WRP**



Extreme Temperature PIR Ceiling Sensor

Description	Voltage	Catalog Number
Upgraded ceiling sensor with -40°F to 149°F (-40°C to 65°C) operating temperature range PIR sensor, with isolated relay and photocell Use ACIPE to make NEMA 4X watertight	24V DC	**AHP1500CRP**
NEMA 4X enclosure		**ACIPE**
Heavy Duty Control Unit for use with AHP1500CRP ceiling sensors	120-277V AC	**CU300HD**







Disaster Preparedness Areas

In recent years, disaster preparedness areas have expanded from coping with natural disasters to accidents involving hazardous materials and outside decontamination. Most facilities have developed systems and protocols that enable decontamination of people outside of the building, including outdoor decontamination showers. All of these outdoor areas must be safe and any outdoor equipment must have power that is both reliable and ready in the event of a disaster.



H-MOSS®|MAXX™

H-MOSS®|MAXX™ products provide users with methods to reduce energy usage in harsh environments. These applications often have lights being left on and ventilation/ HVAC systems constantly working. H-MOSS®|MAXX™ products are designed to withstand these challenging environments and provide increased operating efficiency.

HUBBELL®

Healthcare Application Guide

When Safety, Reliability and Performance Matter

Healthcare eTour



This interactive, virtual tour of a healthcare facility takes visitors through a healthcare setting. As users navigate their way through the virtual hospital, the HealthcareTour demonstrates where and how Hubbell products can be deployed to offer safety, efficiency, performance, and durability solutions in these spaces.

Visit www.hubbell-wiring.com to take the tour.



Critical Care



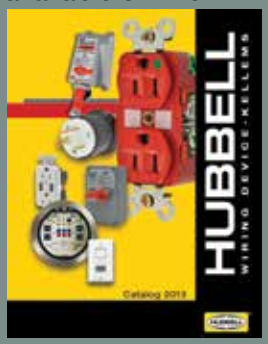
Operating Room



Product Page

Available Literature

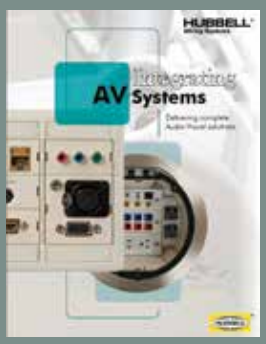
Hubbell offers an extensive literature library for product support. Downloadable PDFs are available on line.



Hubbell Wiring Device-Kellems Catalog



SNAP*Connect*® Devices



Integrating AV Systems



Hubbell Premise Wiring Catalog

HUBBELL®
Wiring Systems

www.hubbell-wiring.com
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 • Mystic, CT 06355
Phone (800) 626-0005 • FAX (860) 535-8328

Printed in U.S.A. Specifications subject to change without notice. ® Registered trademark of Hubbell Incorporated. WLBVM007 11/13