

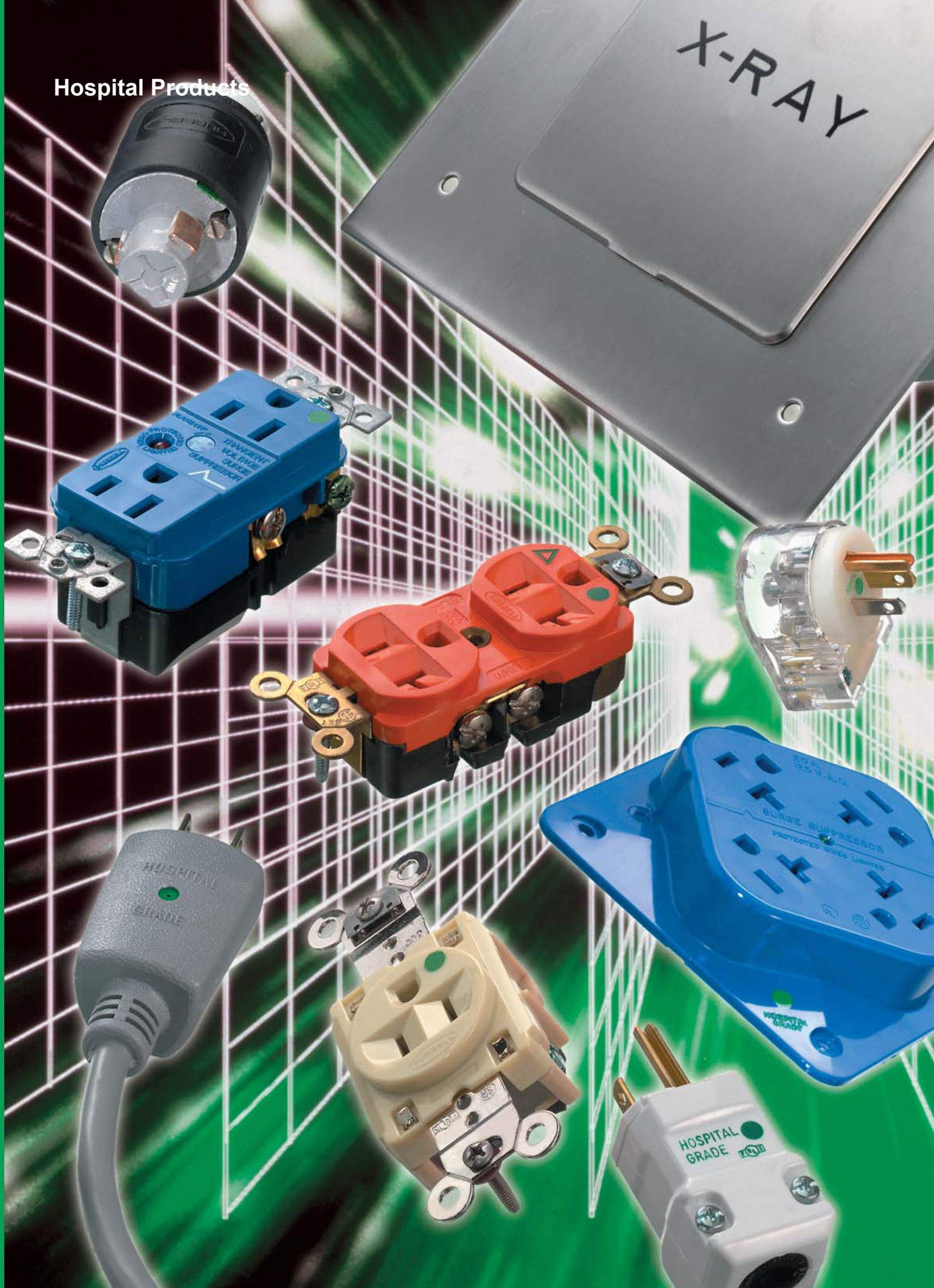
Section I

Hospital Products

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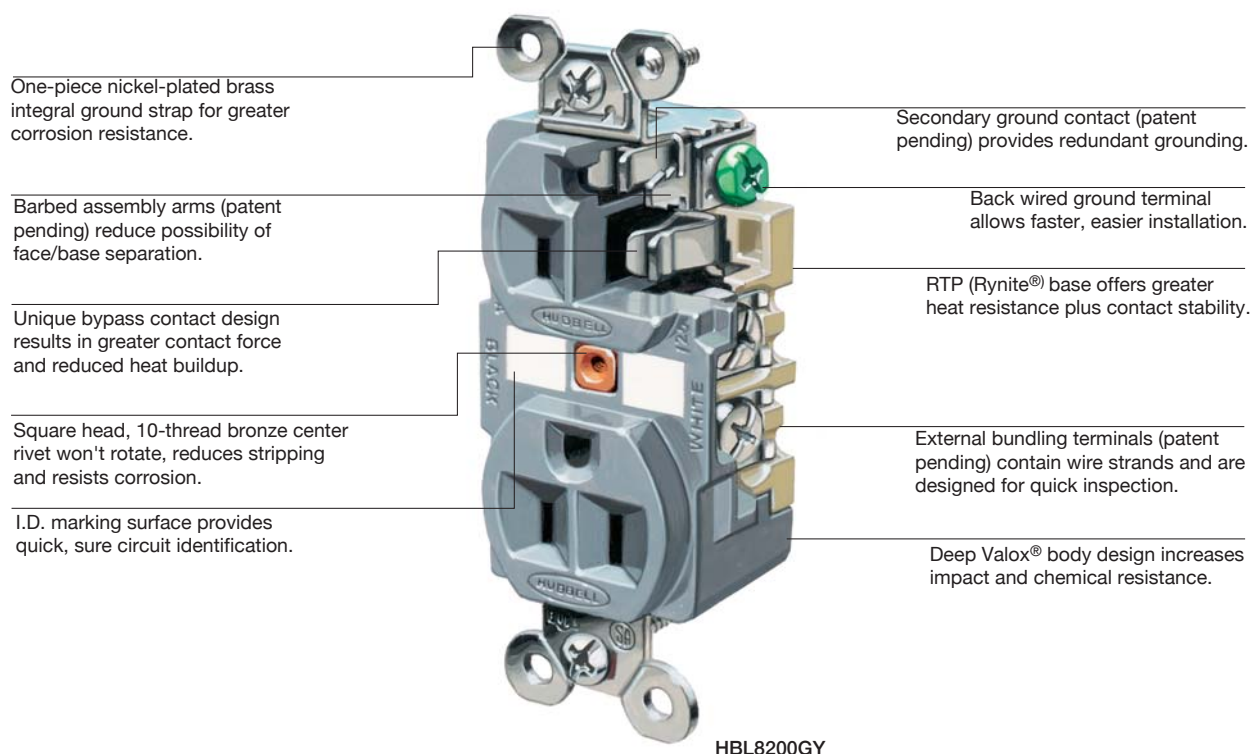
Hospital Products



Straight Blade Receptacles

Hospital Grade Duplex Receptacles

Features and Benefits



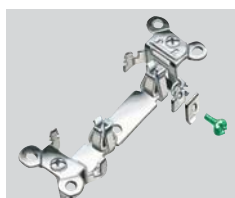
Hubbell "Hospital Grade" Devices

To qualify for the "Hospital Grade" designation, and its green dot symbol, UL requires that the manufacturer design its devices to perform to specified levels. These levels form an established baseline below which no manufacturer can fall and still carry the green dot.

Hubbell sets their standards high. Each product is built to withstand the severe conditions of abuse that are unique to the hospital environment. Our receptacles have exclusive design features which set us apart from the competition.

- Exclusive nickel-plated bypass contact design increases contact pressure, lowering the operating temperature.
- Four point grounding system provides redundant grounding for low resistance ground continuity in high abuse areas.
- High tech reinforced thermoplastic polyester back is tough and heat resistant.

Because of these features and others, the benefit to you is performance, reliability and value for your health care facility.



One piece, nickel-plated brass mounting strap with integral ground contacts, along with a secondary ground contact, provides superior grounding for low resistance flow of fault currents as well as corrosion resistance. Barbed locking arms keep the face locked in place to diminish potential for face/base separation. Back wired ground screw reduces installation time.



Reinforced thermoplastic back provides superior thermal, electrical and mechanical properties. By providing contact stability, this high performance material will reduce heat buildup giving you long lasting performance.



Exclusive bypass contacts are made of nickel-plated brass alloy. This design increases blade retention forces, insuring a reliable uninterrupted flow of power.



External wiring clamps allow for visual inspection of the terminals. A unique strand containment feature on the terminal "bundles" the wire, ensuring 100% clamping of wire strands and reducing heat from termination.

Valox® is a registered trademark of GE Company.

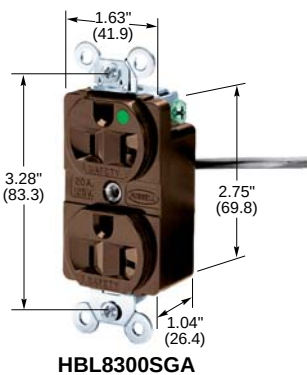
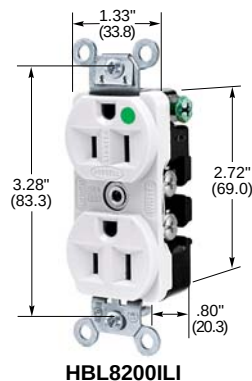
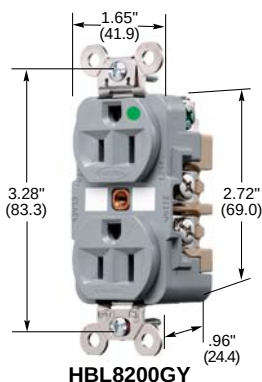
Rynite® is a registered trademark of E. I. duPont de Nemours and Company.

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 and 250 Volts Straight Blade

Hospital Grade – Heavy Duty Duplex, Illuminated Face Duplex, Tamper Resistant Duplex, and Isolated Ground Duplex Receptacles



NEMA 5-15R
15A 125V
UL CSA
0.5 HP



NEMA 5-20R
20A 125V
UL CSA
1 HP

Heavy Duty, Hospital Grade Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, thermoplastic polyester face, back and side wired, multiple drive screws.	Brown Ivory Gray Red White	HBL8200 HBL8200I HBL8200GY HBL8200R HBL8200W	HBL8300 HBL8300I HBL8300GY HBL8300R HBL8300W
Flush, illuminated face, back and side wired, multiple drive screws.	Ivory Gray Red White	HBL8200ILI HBL8200ILGY HBL8200ILR HBL8200ILW	HBL8300ILI HBL8300ILGY HBL8300ILR HBL8300ILW
Tamper resistant receptacle with wire leads.	Brown Ivory Gray Red White	HBL8200SGA HBL8200SGIA HBL8200SGGYA HBL8200SGRA HBL8200SGWA	HBL8300SGA HBL8300SGIA HBL8300SGGYA HBL8300SGRA HBL8300SGWA
Isolated ground.	Orange Red	IG8200 IG8200R	IG8300 IG8300R



NEMA 6-15R
15A 250V
UL CSA
2 HP



NEMA 6-20R
20A 250V
UL CSA
2 HP

Heavy Duty, Hospital Grade Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, thermoplastic polyester face, back and side wired, multiple drive screws.	Brown Ivory	HBL8600 HBL8600I	HBL8400 HBL8400I

Tamper Resistant Duplex Receptacle, Hospital Grade. How the Tamper Resistant Receptacle Works.

As shown in Figure 1, Switch "A" energizes the left hand Contact "B" and Switch "C" energizes the right hand Contact "D". The same arrangement applies to the lower portion of the outlet.

If, for example, a metallic object is inserted into the left power Contact "B" only, the object is not energized because it requires the additional insertion of a similar object in the opposite Contact "D" to move the slider to close Switch "A".

Similarly, if an object is inserted into the right hand slot only, it cannot become energized unless and additional object is inserted in the opposite slot to close Switch "C".

In other words it requires the presence of an object in both right and left hand contacts to energize the device. This condition is in practice fulfilled only by the insertion of the proper electrical plug as shown in Figure 2.

Remember, this receptacle can be used with either a 2 or 3 wire plug.

No other tamper resistant receptacle on the market can provide you with greater reliability and durability than the Hubbell hospital grade tamper resistant receptacle.

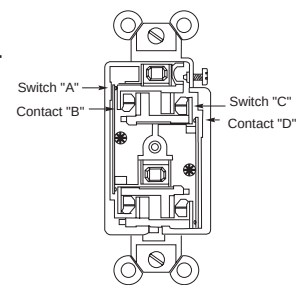


Figure 1

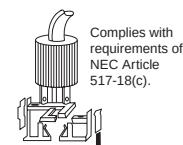


Figure 2

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 Volts Straight Blade

Hospital Grade, 4-PLEX®, Slender/Compact Duplex, STYLE LINE® Duplex and Heavy Duty Single Box Mount and Panel Mount ReceptaclesNEMA 5-15R
15A 125V
UL CSA
0.5 HPNEMA 5-20R
20A 125V
UL CSA
1 HP**4-PLEX, Hospital Grade Receptacles**

Description	Color	Catalog Numbers	
4 outlet high impact resistant Lexan® construction.	Brown	HBL415H	HBL420H
	Ivory	HBL415HI	HBL420HI
	Gray	—	HBL420HGY
	Red	HBL415HR	HBL420HR
	White	HBL415HW	HBL420HW

4-PLEX, Adapter Plates

Description	Color	Catalog Numbers
4-PLEX adapter plates for 1 and 2 gang, and 4" (101.6) square device boxes.	Brown	HBL4AP
	Ivory	HBL4API
	Gray	HBL4APGY
	Red	HBL4APR
	White	HBL4APW

Note: See page A-9 for more information on 4-PLEX devices.

Slender/Compact, Hospital Grade Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, thermoplastic polyester face, back and side wired, multiple drive screws, Fed Spec Verified.	Brown	HBL8200H	HBL8300H
	Ivory	HBL8200HI	HBL8300HI
	Gray	HBL8200HG	HBL8300HG
	Red	HBL8200HR	HBL8300HR
	White	HBL8200HW	HBL8300HW

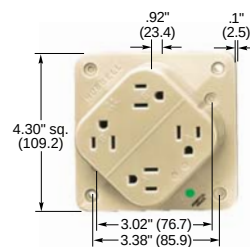
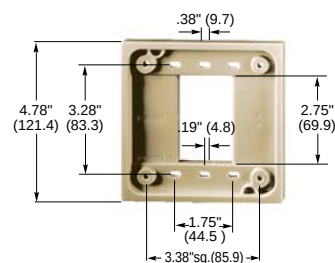
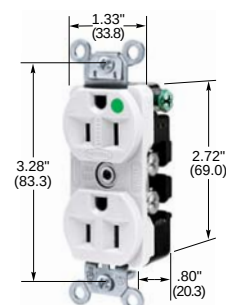
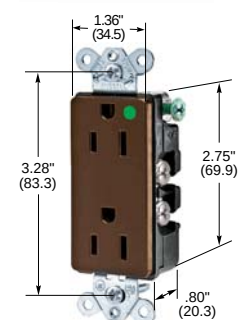
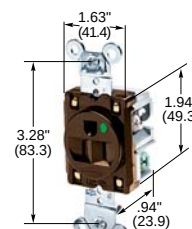
Style Line, Hospital Grade Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, nylon face, back and side wired.	Brown	HBL2172	HBL2182
	Ivory	HBL2172I	HBL2182I
	Gray	HBL2172GY	HBL2182GY
	Red	HBL2172R	HBL2182R
	White	HBL2172WA	HBL2182WA
	Office White	—	HBL2182OW
Isolated ground.	Orange	—	IG2182
	Ivory	—	IG2182I
	White	—	IG2182WA

Heavy Duty, Hospital Grade Single Receptacles

Description	Color	Catalog Numbers	
Flush, nylon face, back and side wired, Fed Spec Verified.	Brown	HBL8210	HBL8310
	Ivory	HBL8210I	HBL8310I
	Gray	HBL8210GY	HBL8310GY
	Red	HBL8210R	HBL8310R
	White	HBL8210W	HBL8310W
Panel mount on 1 15/16" (49.2) centers.	Brown	HBL8284	—
	Ivory	HBL8284I	HBL8384I
Isolated ground.	Orange	IG8210	IG8310

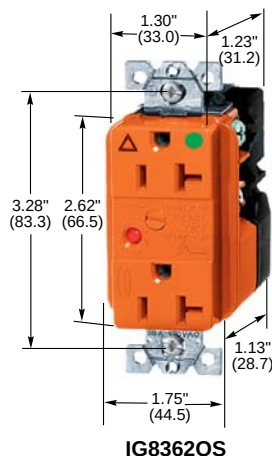
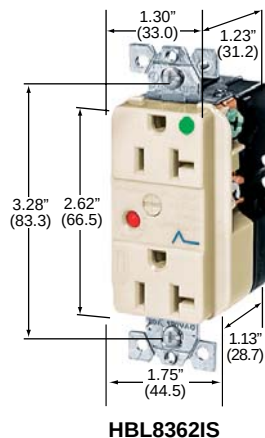
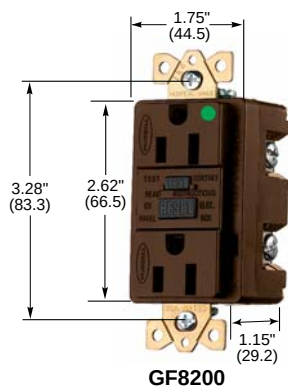
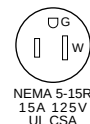
Lexan® is a registered trademark of General Electric Company.

**HBL415HI****HBL4API****HBL8200HI****HBL2172****HBL8210**

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 Volts Straight Blade

Hospital Grade – GFCI, Surge Suppression and Isolated Ground/Surge Suppression Duplex Receptacles**Circuit Guard®, Heavy Duty, Hospital Grade Ground Fault Circuit Interrupter Duplex Receptacles**

Description	Color	Catalog Numbers	
Flush, duplex receptacle, side wired only.	Brown	GF8200A	GF8300A
	Ivory	GF8200IA	GF8300IA
	Gray	GF8200GYA	GF8300GYA
	Red	GF8200RA	GF8300RA
	White	GF8200WA	GF8300WA

Caution: GFCI-type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption.

Note: All GFCI receptacles listed above are furnished with the proper color nylon wall plate, and, in addition, an S26 302/304 super stainless steel wall plate. See Section H for more information on ground fault devices.

Circuit Guard, Heavy Duty, Hospital Grade Surge Suppression Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, with light and alarm, 240 joules/15000A per mode.	Blue	HBL8262SA	HBL8362SA
	Ivory	HBL8262ISA	HBL8362ISA
	Gray	HBL8262GYSA	HBL8362GYSA
	Red	HBL8262RSA	HBL8362RSA
	White	HBL8262WSA	HBL8362WSA

Circuit Guard, Heavy Duty, Hospital Grade Isolated Ground/Surge Suppression Duplex Receptacles

Description	Color	Catalog Numbers	
Flush, with light and alarm, 240 joules/15000A per mode.	Blue	IG8262SA	IG8362SA
	Ivory	IG8262ISA	IG8362ISA
	Gray	IG8262GYSA	IG8362GYSA
	Red	IG8262RSA	IG8362RSA
	White	IG8262WSA	IG8362WSA
	Orange	IG8262OSA	IG8362OSA

Notes: See Section J for more information on Circuit Guard isolated ground devices.
See Section J for more information on Circuit Guard surge suppression devices.

Wall Plates

Configuration	High-Impact Nylon			Plated Steel		Stainless Steel Brass	
	Color	Standard	Mid-Size	Chrome Brass	CH26 BP26	Smooth SS	S26 SJ26 B26
 1-gang	Blue	—	SPJ26C*	—	—	—	—
	Ivory	—	PJ26C*	—	—	—	—
	Ivory	HPS1I	PJ26	—	—	—	—
	Gray	HPS1GY	PJ26G	—	—	—	—
	White	HPS1WA	PJ26W	—	—	—	—
	Orange	IGHPS1**	—	—	—	—	—
	Red	HPS1R	PJ26R	—	—	—	—
	—	—	—	—	—	—	—

Notes: *Premarked "COMPUTER ONLY". Lettering is black 1/4" high.

**Premarked "ISOLATED GROUND". Lettering is black 1/4" high.

▲ Jumbo size plate.

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 Volts Straight Blade

**Commercial Hospital Grade GFCI Receptacles,
4-PLEX® Hospital Grade Surge Suppression Receptacles and
Surge Suppression Power Strip with Hospital Grade Outlets****Circuit Guard®, Commercial
Hospital Grade, Ground Fault
Circuit Interrupter, Duplex Receptacles**NEMA 5-15R
15A 125V
UL CSANEMA 5-20R
20A 125V
UL CSA

Description	Color	Catalog Numbers	
Flush, nylon face and base, back & side wired, multiple drive screws, matching wall plate included.	Brown	GF8200H	GF8300H
	Ivory	GF8200HI	GF8300HI
	Gray	GF8200HGY	GF8300HGY
	Red	GF8200HR	GF8300HR
	White	GF8200HW	GF8300HW
	Office White	GF8200HOW	GF8300HOW

Caution: GFCI receptacles should not be used in critical care patient care areas or for electrical life support equipment applications because of the possibility of power interruption.

Note: GFCI receptacles listed above include matching nylon wall plate.
See Section H for more information on ground fault devices.

4-PLEX, Hospital Grade Surge Suppression Receptacles

Description	Color	Catalog Numbers	
4 outlet high, impact resistant Lexan® construction, multiple drive screws.	Blue	—	HBL420HS
	Ivory	—	HBL420HIS

Note: See page A-9 for more information on 4-PLEX devices.

4-PLEX, Adapter Plates

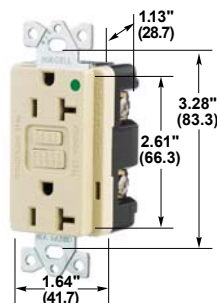
Description	Color	Catalog Numbers	
4-PLEX adapter plates for 1 and 2 gang, and 4" (101.6) square device boxes.	Blue	HBL4APBL	
	Ivory	HBL4API	

Metallic Power Strip Surge Protected

Description	Catalog Number
15A 125V power strip with filtering, surge protection, 3 hospital grade duplex receptacles, 6 foot power supply cord and hospital grade plug.	HBL6PSHG

Note: See Section J for more information on Circuit Guard surge strips.

Lexan® is a registered trademark of General Electric Company.



GF8200HI

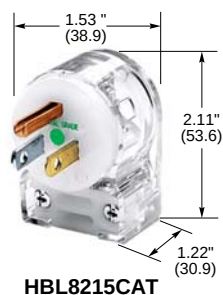


HBL6PSHG

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 and 250 Volts Straight Blade

Hospital Grade Plugs**Insulgrip®, Hospital Grade Plugs**

Description	Cord Dia.	Catalog Numbers
Black and white nylon.	.230"-.720" (5.8-18.3)	HBL8215C™ HBL8315C™
Transparent housing.	.230"-.720" (5.8-18.3)	HBL8215CT HBL8315CT
8 position angle plug, transparent housing.	.250"-.665" (6.4-16.8)	HBL8215CAT* HBL8315CAT*

ERGO™ Grip, Hospital Grade Plugs

Description	Cord Dia.	Catalog Numbers
Overmolded white nylon.	.300"-.600" (7.6-15.25)	HBL8565E* HBL8586E*

Valise®, Hospital Grade Plugs

Description	Cord Dia.	Catalog Numbers
White nylon.	.300"-.660" (7.6-16.8)	HBL8115V HBL8364V
Insulation displacement, white nylon.	.300"-.660" (5.8-9.1)	HBL8013V* -

**ERGO™ Grip, Hospital Grade Plugs**

Description	Cord Dia.	Catalog Numbers
Overmolded white nylon.	.300"-.600" (7.6-15.25)	HBL8566E* HBL8576E*

Valise®, Hospital Grade Plugs

Description	Cord Dia.	Catalog Numbers
White nylon.	.300"-.660" (7.6-16.8)	HBL8666V HBL8464V

Note: * Not Fed Spec Listed

Hospital Products

2 Pole, 3 Wire Grounding

15 and 20 Ampere, 125 and 250 Volts Straight Blade

Hospital Grade Connector Bodies
IP20
SUITABILITY

 NEMA 5-15R
15A 125V
UL CSA

 NEMA 5-20R
20A 125V
UL CSA
Insulgrip®, Hospital Grade Connector Bodies

Description	Cord Dia.	Catalog Numbers	
Black and white nylon.	.230"-.720" (5.8-18.3)	HBL8219C	HBL8319C
Transparent housing.	.230"-.720" (5.8-18.3)	HBL8219CT	HBL8319CT

**HBL8219C****ERGO™ Grip, Hospital Grade Connector Bodies**

Description	Cord Dia.	Catalog Numbers	
Overmolded white nylon.	.300"-.600" (7.6-15.25)	HBL8569E*	HBL8589E*

**HBL8569E****Valise®, Hospital Grade Connector Body**

Description	Cord Dia.	Catalog Number	
White nylon.	.300"-.660" (7.6-16.8)	HBL8119V	—


 NEMA 6-15R
15A 250V
UL CSA

 NEMA 6-20R
20A 250V
UL CSA
**HBL8119V****ERGO™ Grip, Hospital Grade Connector Bodies**

Description	Cord Dia.	Catalog Numbers	
Overmolded white nylon.	.300"-.600" (7.6-15.25)	HBL8567E*	HBL8579E*

Valise®, Hospital Grade Connector Body

Description	Cord Dia.	Catalog Number	
White nylon.	.300"-.660" (7.6-16.8)	—	HBL8469V*

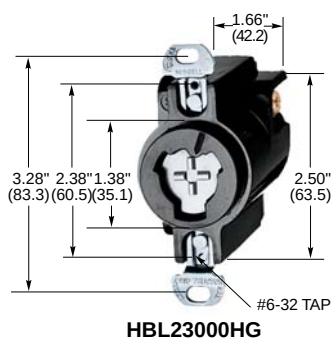
Note: * Not Fed Spec Listed

Hospital Products

2 Pole, 3 Wire Grounding

20 Ampere, 125 Volts

HUBBELLOCK® AC Only Receptacle, Plug and Connector For Hospital Use Only



Hospital Use Only Receptacle

Description	Catalog Number
Black phenolic, back wired.	HBL23000HG —

Plugs

Description	Catalog Numbers
Nylon cover, thermoset interior.	— HBL23014HGB
Armored, epoxy filled, rubber cord grip.	— HBL23004HG

Connector Body

Description	Catalog Number
Nylon cover, thermoset interior.	HBL23001HGB —

Note: Cord clamp range for plug and connector .300" to .650" (7.6 to 16.5).

Accessories Wall Plates

Description	Catalog Numbers
Stainless steel 302/304, single-gang.	HBL23901HG
Stainless steel 302/304, three-gang for two receptacles.	HBL23909HG

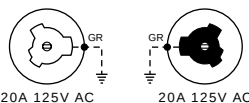
Note: Suffix HG or HGB type for hospital use only.



Hospital Products

2 Pole, 3 Wire Grounding

20 Ampere 125 Volts 60 Hz AC only

HUBBELLOCK® Explosion Proof Receptacles and Plugs For Hospital Operating Rooms and All Class 1, Division 1, Group C Atmospheres**IP30**
SUITABILITY**Explosion Proof Receptacles**

Description	Catalog Numbers
Receptacle with deep conduit 0-1 1/4" (0 to 31.8) adjusting ring and plaster shield.	HBL24310 —
Receptacle only.	HBL24301 —

IP30
SUITABILITY**Explosion Proof Plug**

Description	Catalog Number
Plug, with epoxy kit, accepts #12 or #14 type SO cable.	— HBL24312

Hazardous to Non-hazardous Location Receptacle Conversion Kits

Conversion kits for replacement of explosion proof receptacles listed above, with non-explosion proof receptacles, in hospital areas formerly classified as hazardous locations and now classified non-hazardous locations due to the change from flammable anesthetizing gases to nonflammable anesthetizing gases.

For Conversion To:	Catalog Numbers
20A, 125V, duplex receptacle (Hubbell HBL8300 series). Includes adapter ring and stainless steel wall plate for duplex receptacle (receptacle not included).	HBL24300RKD
20A, 125V, Hospital Hubbellock receptacle (Hubbell HBL23000HG) or 20A, 125V, straight blade single receptacle (Hubbell HBL8310 series). Includes adapter ring and stainless wall plate for single receptacle (receptacle not included).	HBL24300RKS

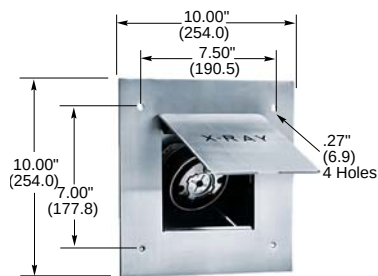
**HBL24310****HBL24312****HBL24301****HBL24301** Raised round-style explosion-proof installation.**HBL24300RKD** Retrofit kit for duplex receptacles.**HBL24300RKD** Duplex retrofit kit accepts 20A duplex straight blade hospital grade receptacles (HBL8300, HBL8300I, IG8300 etc.). Order receptacles separately.**24352** Low-profile style explosion-proof receptacle (now discontinued).**HBL24300RKS** Retrofit kit for single receptacles.**HBL24300RKS** Single retrofit accepts hospital only Hubbellock single receptacles (Hubbell HBL23000HG) or 20A single straight blade hospital grade receptacles (Hubbell HBL8310, HBL8310I, IG8310, etc.). Order receptacles separately.

Hospital Products

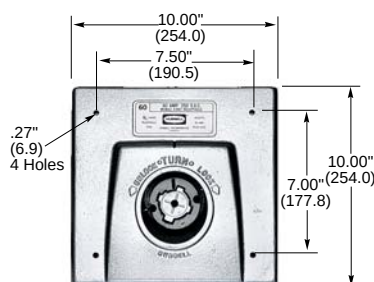
2 Pole, 3 Wire Grounding

50 and 60 Ampere, 250 Volts AC

HUBBELLOCK® Mobile X-Ray Devices



HBL25605



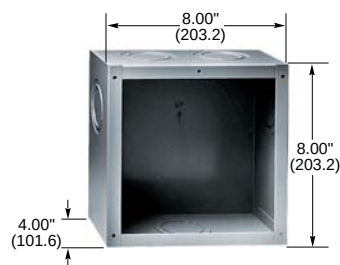
HBL25603



HBL25515



HBL25615

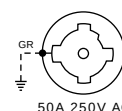


HBL25509

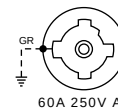


Mobile X-Ray Receptacles

IP30
SUITABILITY



50A 250V AC



60A 250V AC

Description

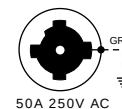
Receptacle with stainless steel plate assembly.
Receptacle with cast aluminum plate assembly.

Catalog Numbers

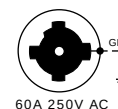
HBL25505	HBL25605
HBL25503	HBL25603

Mobile X-Ray Plugs

IP30
SUITABILITY



50A 250V AC



60A 250V AC

Description

Plug, with epoxy kit, less cord clamp.
Plug, with cord clamp, less epoxy kit.

Catalog Numbers

HBL25515	HBL25615
HBL25525	HBL25625

*Note: Cord clamp range of plugs with cord clamps .830" to 1.3" (21.1 to 33.0).
50A plugs fit 50A or 60A receptacles.*

Accessory

Description

Box, stamped steel 8" x 8" x 4"
(203.2 x 203.2 x 101.6), accommodates
50A and 60A mobile X-ray receptacles.
Knockout sizes 1 1/4", 1 1/2" and 2".

Catalog Number

HBL25509

Hospital Products

Hospital Grade Molded-on Power Supply Cords

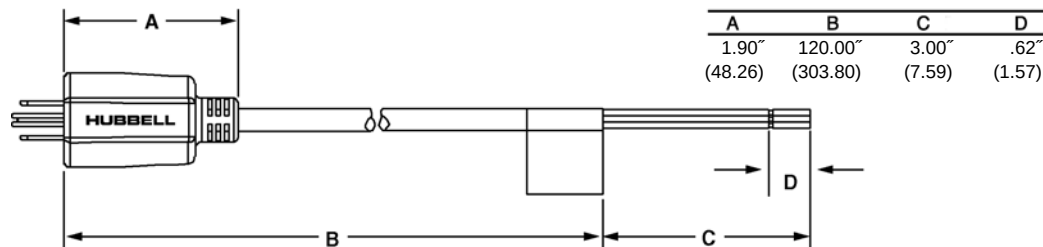


HBL16GYGY

Catalog Numbers	Rating	AWG Size	Jacket Color	Plug Color	Length	Temp. Rating
HBL16BKBK	13A, 125V	16/3 SJTOW	Black	Black	10'	0°C min. to 105°C.
HBL16BKBKB ♦	13A, 125V	16/3 SJTOW	Black	Black	10'	0°C min. to 105°C.
HBL16BKCL	13A, 125V	16/3 SJTOW	Black	Clear	10'	0°C min. to 105°C.
HBL16BKCLB ♦	13A, 125V	16/3 SJTOW	Black	Clear	10'	0°C min. to 105°C.
HBL18BKBK	10A, 125V	18/3 SJTOW	Black	Black	10'	0°C min. to 105°C.
HBL18BKBKB ♦	10A, 125V	18/3 SJTOW	Black	Black	10'	0°C min. to 105°C.
HBL18BKCL	10A, 125V	18/3 SJTOW	Black	Clear	10'	0°C min. to 105°C.
HBL18BKCLB ♦	10A, 125V	18/3 SJTOW	Black	Clear	10'	0°C min. to 105°C.
HBL16GYGY	13A, 125V	16/3 SJTOW	Gray	Gray	10'	0°C min. to 105°C.
HBL16GYGYB ♦	13A, 125V	16/3 SJTOW	Gray	Gray	10'	0°C min. to 105°C.
HBL16GYCL	13A, 125V	16/3 SJTOW	Gray	Clear	10'	0°C min. to 105°C.
HBL16GYCLB ♦	13A, 125V	16/3 SJTOW	Gray	Clear	10'	0°C min. to 105°C.
HBL18GYGY	10A, 125V	18/3 SJTOW	Gray	Gray	10'	0°C min. to 105°C.
HBL18GYGYB ♦	10A, 125V	18/3 SJTOW	Gray	Gray	10'	0°C min. to 105°C.
HBL18GYCL	10A, 125V	18/3 SJTOW	Gray	Clear	10'	0°C min. to 105°C.
HBL18GYCLB ♦	10A, 125V	18/3 SJTOW	Gray	Clear	10'	0°C min. to 105°C.

Note: ♦ Bulk packed 50 per carton.

Dimensions (in/mm)



Specification Data

Mechanical

Terminal Identification	Per UL817: black, white & green conductor insulation.
Conductor Size	#18 or #16 copper conductors only.
Product Identification	On single packed items, ratings are located on flag label. On bulk pack items, "For OEM use only" printed on carton.

Electrical

Dielectric Voltage	Withstands 2000V AC minimum.
Max. Working Voltage	125V AC.
Temperature Rise	Max 86°, (30°C) @ full rated current after 50 cycles overload.

Environmental - Material

Flammability	UL 94HB.
Operating Temperatures	0°C to 105°C.

Materials

Housing	PVC; gray, clear or black
Blades	.060" nickel plated brass
Cable	Black or gray; 16 AWG & 18 AWG SJTOW

Standards

NEMA Configuration	5-15P.
Listed to UL Standard	UL817: Cordsets and Power Supply Cords.
Certified to CSA Standard	CSA 22.2 No. 21: Cordsets and Power Supply Cords.

Typical Specifications

Manufacturer's Identification	Hubbell HBL16BKBK.
Description	Hospital Grade Molded-On Power Supply Cord.
Electrical Type	2 Pole 3 Wire grounding.
Rating	13A 125V.
Certification	UL Listed, CSA Certified.

Hospital Products Technical Information



HBL8200GY

Hospital Grade, Straight Blade Duplex Receptacle

Specifications

Receptacle	Part	Description
Typical Specification—Catalog No. HBL8200.	Receptacle	15A
Manufacturer's Identification—Hubbell HBL8200 Receptacle.	Top	Thermoplastic Polyester
Description—Hospital Grade Straight Blade Duplex Receptacle.	Base	RTP*
Type—2 Pole, 3 Wire Grounding.	Bypass Power Contacts	.04" (1.0) Brass – Ni Plated
Rating—15A, 125V.	Clamping Plate	.03" (.8) Brass – Ni Plated
Certification: UL Listed.	Mounting Strap	.05" (1.3) Brass – Ni Plated
Fed Spec WC596, Hospital Grade, Meets	Terminal Screws	#10 Silicon Bronze
NEMA WD-1 and WD-6 Requirements	Grounding Screw	(Green) Silicon Bronze
Listed to UL Standard 498,	Center Assembly Rivet	Silicon Bronze
Certified to CSA, C22.2, No. 42	Auto. Grd. Clip	Stainless Steel
where applicable.	Flat Hd. Mtg. Screws	Stainless Steel

Performance

Electrical

Dielectric Voltage	Withstands 2000V AC minimum.
Max. Working Voltage	125V or 250V as rated.
Current Interrupting	Certified for current interrupting at full rated current.
Temperature Rise	Max 30°C temperature rise at full rated current after 100 cycles of overload at 150% of rated voltage DC.

Mechanical

Terminal Identification	Terminals identified in accordance with UL 498 (Brass, White, Green).
Terminal Accommodation	#14–#10 AWG stranded or solid copper conductor only.
Product Identification	Ratings are a permanent part of the device.

Environmental - Material

Flammability	UL 94V-0 and UL 94-5 VA.
Operating Temperatures	Maximum continuous 75°C, minimum -40°C (w/o impact).

*Reinforced Thermoplastic Polyester

Ni = Nickel

Hospital Products

Technical Information



HBL8215C



HBL8219C

Hospital Grade, INSULGRIP® Plugs and Connectors

Specifications

Plug	Part	Description
Typical Specification – Catalog No. HBL8215C™.	Plug	15A
Manufacturer's Identification – Hubbell HBL8215C™ Plug.	Blade Holder	Nylon – Natural
Description – Hospital Grade Straight Blade Plug.	Housing	Nylon – Black
Type – 2 Pole, 3 Wire Grounding.	Retainer	Polycarbonate – Clear
Rating – 15A, 125V.	Cord Clamp	Nylon – Natural
Certification – UL Listed, CSA Certified.	Contact Blades	.06" (1.5) Brass
UL Verified to Fed. Spec. W-C 596.	Ground Contact Blade	.04" (1.0) Copper Alloy
IP Suitability – IP20.	Line Terminal Screws	#8-32 Brass, Multiple Drive
	Ground Screw	#8-32 Brass, Multiple Drive (Green)
	Wire Clamps	.08" (2.0) Steel – Nickel Finish
Connector	Part	Description
Typical Specification – Catalog No. HBL8219C™.	Connector	15A
Manufacturer's Identification – Hubbell HBL8219C™ Connector.	Contact Holder	Nylon – Natural
Description – Hospital Grade Straight Blade Connector Body.	Housing	Nylon – Black
Type – 2 Pole, 3 Wire Grounding.	Retainer	Polycarbonate – Clear
Rating – 15A, 125V.	Cord clamp	Nylon – Natural
Certification – UL Listed, CSA Certified.	Contacts	.04" (1.0) Copper Alloy
UL Verified to Fed. Spec. W-C 596.	Line Terminal Screws	#8-32 Brass, Multiple Drive
IP Suitability – IP20.	Ground Screw	#8-32 Brass, Multiple Drive (Green)
	Wire Clamps	.08" (2.0) Steel – Nickel Finish

Performance

Electrical

Dielectric Voltage	Withstands 2000V AC minimum.
Max. Working Voltage	125V or 250V as rated.
Current Interrupting	Certified for current interrupting at full rated current.
Temperature Rise	Max 30°C temperature rise at full rated current after 100 cycles of overload at 150% of rated voltage DC.

Mechanical

Terminal Identification	Terminals identified in accordance with UL and CSA (Brass, White, Green).
Terminal Accommodation	#18-10 AWG.
Product Identification	Ratings are a permanent part of the device.
Torque Range	Cord clamp/terminal screws 9 to 12 in-lbs.
Cord Diameter Range	.230"-.720" (5.8-18.3) Integral cord grip.

Environmental - Material

Flammability	UL 94HB or better.
Operating Temperatures	Maximum continuous 75°C, minimum – 40°C (w/o impact).

Please consult the factory for product dimensions and specifications for other products listed in this catalog.

Hospital Products

Technical Information



HBL8115V



HBL8119V

Hospital Grade, Valise® Plugs and Connectors

Specifications

Plug	Part	Description
Typical Specification - Catalog No. HBL8115V.	Plug	15A
Manufacturer's Identification - Hubbell HBL8115V Plug.	Housing	Nylon
Description – Hospital Grade Straight Body Plug.	Blades	Brass
Type – 2 Pole, 3 Wire, Grounding.	Ground Blade	Brass
Rating – 15A, 125V.	Terminal Screws	Multiple Drive
Certifications – UL Listed to UL498	Cable Inserts	Polyphenylene Oxide
File E1706, CSA Certified to C22.2	Terminal Clamps	Plated CR Steel
No. 42 File LR280. Fed. Spec. W-C 596.	Body Holding Screws	Multiple Drive
IP Suitability - IP20.		
Connector		
Typical Specification - Catalog No. HBL8119V.	Connector	15A
Manufacturer's Identification - Hubbell HBL8119V	Housing	Nylon
Connector Body.	Contact and Ground Spring	Brass
Description – Hospital Grade Straight Connector Body.	Terminal Screws	Multiple Drive
Type – 2 Pole, 3 Wire, Grounding.	Cable Inserts	Polyphenylene Oxide
Rating – 15A, 125V.	Terminal Clamps	Plated CR Steel
Certifications – UL Listed to UL498	Body Holding Screws	Multiple Drive
File E1706, CSA Certified to C22.2		
No. 42 File LR280. Fed. Spec. W-C 596.		
IP Suitability - IP20.		

Performance

Electrical	
Dielectric Voltage	Withstands 2000V AC minimum.
Max. Working Voltage	125V or 250V as rated.
Current Interrupting	Certified for current interrupting at full rated current.
Temperature Rise	Max. 30°C temperature rise at full rated current.
Mechanical	
Terminal Identification	Terminals identified in accordance with UL and CSA (Brass, White & Green).
Terminal Accommodation	# 16 to #12 AWG.
Product Identification	Ratings are a permanent part of the device.
Torque	Terminal screws 12 in.-lbs. Cord clamp screws 7 to 10" in.-lbs.
Cord Diameter Range	.300" to .660" (7.6 to 16.8).
Environmental - Material	
Flammability	UL 94 HB
Operating Temperature	Maximum continuous 75°C, minimum -40°C (w/o impact).
Standards	
NEMA WD1.	
NEMA Configurations WD6.	
Listed to UL Standard UL498 and UL Verified to Fed. Spec. W-C 596.	
Certified to CSA Standard C22.2 No. 42.	