

# Section E HUBBELLOCK® Devices

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# HUBBELLOCK® Plugs and Connectors

*Features and Benefits*

Three-piece thermoplastic clamp assembly with fast-lead stainless screws provides a more consistent durable grip. Grommets provide a sealed cable entry that protects against the entry of moisture and dust.

Superior wire terminations are assured with box terminals and screws with pressure pads. This design captures stray wire strands and permits more clamping pressure on the wire without damaging it. Loosening of terminations and resulting heat build-up are greatly reduced.

Impact resistance in the interior of the female device comes from a strong thermoplastic material.

No "lazy" connections because a spring-loaded safety shutter automatically ejects the plug if it hasn't been properly locked into the female device. This eliminates teasing of the contacts, a major cause of contact burn-up.

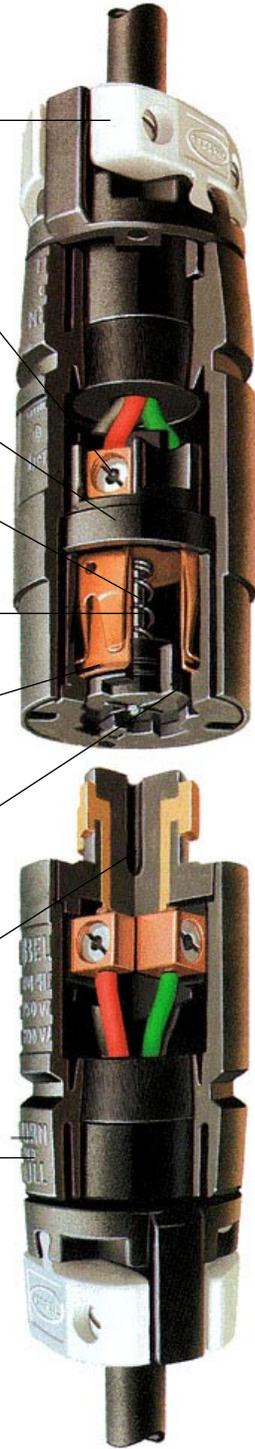
Arcs are snuffed out, when devices are mated or unmated under load, by spring-loaded safety shutter.

Longer contact life is assured by supplementary springs. Other devices rely just on contacts themselves to provide proper contact pressure.

Enhanced safety because access to live female contacts is restricted by the spring-loaded safety shutter.

Positive locking is ensured by the nose of the plug being keyed into a detent in female device. This lock is independent of the contacts or a separate mechanical lock.

Insulated non-metallic housing enhances safety and abuse resistance.

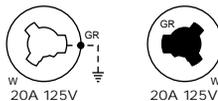


*Note: Above cut-away view and call-outs are construction elements pertaining specifically to the 30A Hubbellock series. While the Hubbellock contact interface design applies to all, there are construction elements that are different, depending on the amperage.*

# HUBBELLOCK® Devices

## 2 Pole, 3 Wire Grounding

20 Ampere, 125 Volts  
Receptacle, Plug and Connector



### Receptacle

Description	Catalog Numbers
Black phenolic, backwired.	<b>HBL23030</b> -

### Plug

Description	Catalog Numbers
Nylon housing, thermoset interior. <b>NEW</b>	- <b>HBL23035B</b>

### Connector Body

Description	Catalog Numbers
Nylon housing, thermoset interior. <b>NEW</b>	<b>HBL23032B</b> -

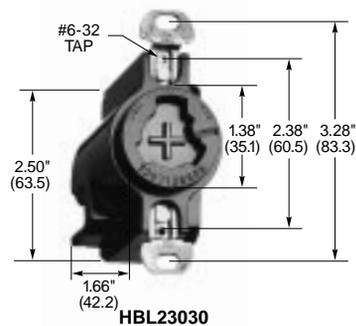
Note: Cord clamp range for plug and connector .30 to .65" (7.6 to 16.5)  
Devices listed above are not interchangeable with any other Hubbellock device listed in this catalog.

### Accessories

#### Weatherproof Covers

Description	Catalog Numbers
Gray polycarbonate for FS/FD box mounting, corrosion resistant. <b>IP44 SUITABILITY</b>	<b>HBL7423WO*</b>
Same as above except yellow.	<b>HBL74CM23WO*</b>
Cast aluminum, lift cover for indoor use only. (Not shown) <b>23007</b>	

\*See page D-23 for dimensions.

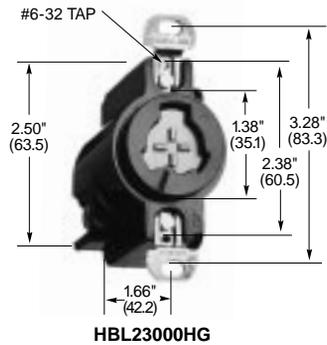


**HBL7423WO**

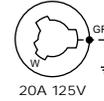
# HUBBELLOCK® Devices 2 Pole, 3 Wire Grounding

20 Ampere, 125 Volts

For Hospital Use Only – AC Only Receptacle, Plug and Connector



## Hospital Use Only



### Receptacle

Description	Catalog Numbers
Black phenolic, backwired.	<b>HBL23000HG</b> –

### Plug

Description	Catalog Numbers
Nylon housing, thermoset interior. <b>NEW</b>	– <b>HBL23014HGB</b>

### Connector Body

Description	Catalog Numbers
Nylon housing, thermoset interior. <b>NEW</b>	<b>HBL23001HGB</b> –

Note: Cord clamp range for plug and connector .30 to .65" (7.6 to 16.5)

## Accessories

### Wall Plates

Description	Catalog Numbers
Stainless steel 302/304, single gang. (Not shown)	<b>HBL23901HG</b>
Stainless steel 302/304, three gang for two receptacles. (Not shown)	<b>HBL23909HG</b>

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

HUBBELLOCK® Devices

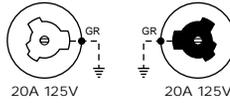
2 Pole, 3 Wire Grounding

20 Ampere, 125 Volts, 60Hz. AC Only Explosion Proof Receptacles and Plug

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.	<b>HBL24310</b> -
Receptacle only.	<b>HBL24301</b> -

**Explosion-Proof Plug**

Description	Catalog Numbers
Plug, with epoxy kit, accepts #12 or #14 type SO cable.	- <b>HBL24312</b>

**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 non-flammable anesthetizing gases.

For Conversion To:	Catalog Numbers
20A, 125V, duplex receptacle (Hubbell 8300 series). Includes adapter ring and stainless steel wallplate for duplex receptacle (receptacle not included).	<b>HBL24300RKD</b>
20A, 125V, Hospital Hubbellock receptacle (Hubbell 23000 HG) or 20A, 125V, straight blade single receptacle (Hubbell 8310 series). Includes adapter ring and stainless steel wallplate for single receptacle (receptacle not included).	<b>HBL24300RKS</b>



HBL24310



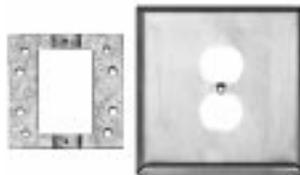
HBL24312



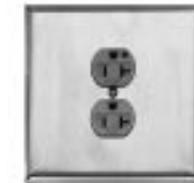
HBL24301



**HBL24301** Raised round-style explosion-proof installation.



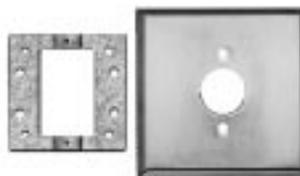
**HBL24300RKD** Retrofit kit for duplex receptacles.



**HBL24300RKD** Duplex retrofit kit accepts 20A duplex straight blade hospital grade receptacles (8300, 8300I, IG8300 etc.). Order receptacles separately.



**24352** Low-profile style explosion-proof receptacle (now discontinued).

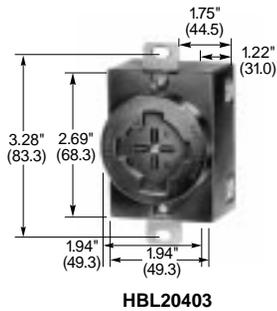


**HBL24300RKS** Retrofit kit for single receptacles.

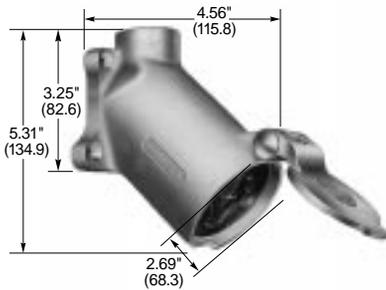


**HBL24300RKS** Single retrofit accepts hospital only Hubbellock single receptacles (Hubbell 23000HG) or 20A single straight blade hospital grade receptacles (Hubbell 8310, 8310I, IG8310, IG8310SP, etc.). Order receptacles separately.

**HUBBELLOCK® Devices**  
**3 Pole, 4 Wire Grounding**  
 30 Ampere, 600 Volts AC, 20 Ampere, 250 Volts DC  
 Receptacles, Plugs, Connector Body and Inlets



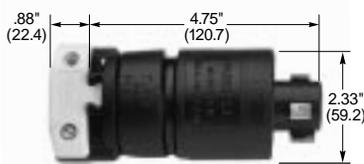
**HBL20403**



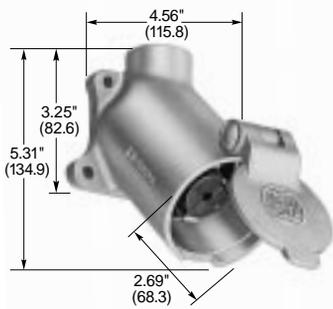
**HBL21420**



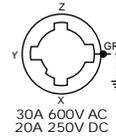
**HBL21414B**



**HBL21415B**



**HBL21447**



**Receptacles**

Description	Catalog Numbers
Black phenolic.	<b>HBL20403</b>
Weathertight, corrosion resistant, nickel plated brass plate, for FS/FD box mounting. <b>IP44 SUITABILITY</b>	<b>HBL22CM427</b>
Aluminum angle housing, with 3/4" topped hub for surface mounting. <b>IP44 SUITABILITY</b>	<b>HBL21420</b>

**Connector Bodies**

Description	Catalog Numbers
Black nylon housing, thermoplastic interior.	<b>HBL21414B</b>
Same as above except corrosion resistant.	<b>HBL21CM414B</b>

*Note: Cord clamp range .630 to 1.20" (16.0 to 30.5)*

**Plugs**

Description	Catalog Numbers
Black nylon housing, thermoset interior.	– <b>HBL21415B</b>
Same as above except corrosion resistant.	– <b>HBL21CM415B</b>

*Note: Cord clamp range .630 to 1.20" (16.0 to 30.5)*

**Flanged Inlets**

Description	Catalog Numbers
Weathertight, corrosion resistant, nickel plated brass plate, for FS/FD box mounting.	– <b>HBL22CM428</b>
Cast aluminum plate, for FS/FD box mounting. (Not shown)	– <b>HBL20418</b>
Aluminum angle housing, with 3/4" NPT topped hub for surface mounting.	– <b>HBL21447</b>

**Switched Enclosure**

Description	IP54 SUITABILITY	Catalog Numbers
Switched enclosure for use with 3 pole 4 wire 30A Hubbellock receptacle. Receptacle not included.		<b>SEHBL3</b>

*Note: For more information on switched enclosures see Section G.*

**Accessories**

**Plates**

Description	Catalog Numbers
Cast aluminium weatherproof, liftcover plate. (Not shown)	<b>HBL20405</b>
302/304 stainless, single gang, smooth edge.(Not shown)	<b>S737</b>

**Liquidtight Metallic Conduit Adapters**

Description	Catalog Numbers
Adapter for use with 1/2" NPT conduit fittings. See page E-10	<b>SAB12</b>
Adapter for use with 3/4" NPT conduit fittings. See page E-10	<b>SAB34</b>

**Boots**

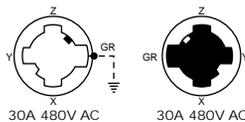
Description	Catalog Numbers
"Mini" boot for Hubbellock connector body.*	<b>HBL20424B</b>
"Mini" boot for Hubbellock plug.*	<b>HBL20425B</b>

# HUBBELLOCK® Devices

## 3 Pole, 4 Wire Grounding

30 Ampere, 480 Volts AC

### Receptacle, Plug and Connector Body



#### Receptacle

Description	Catalog Numbers
Black phenolic, red center insert.	<b>HBL20443</b> -

#### Connector Body

Description	Catalog Numbers
Red nylon housing, thermoset interior.	<b>HBL20444B</b> -

Note: Cord clamp range .630 to 1.20" (16.0 to 30.5)

#### Plug

Description	Catalog Numbers
Red nylon housing, thermoset interior.	- <b>HBL20445B<sup>+</sup></b>

Note: Cord clamp range .630 to 1.20" (16.0 to 30.5)

#### Switched Enclosure

Description	Catalog Numbers
Switched enclosure for use with 3 pole 4 wire 30A Hubbellock receptacle. Receptacle not included.	<b>SEHBL3</b> <b>IP54 SUITABILITY</b>

Note: For more information on switched enclosures see Section G.

#### Accessories

##### Plates

Description	Catalog Numbers
Cast aluminum, weatherproof, red finish. (Not shown)	<b>HBL20446</b>
302/304 stainless, single gang, smooth edge. (Not shown)	<b>S737</b>

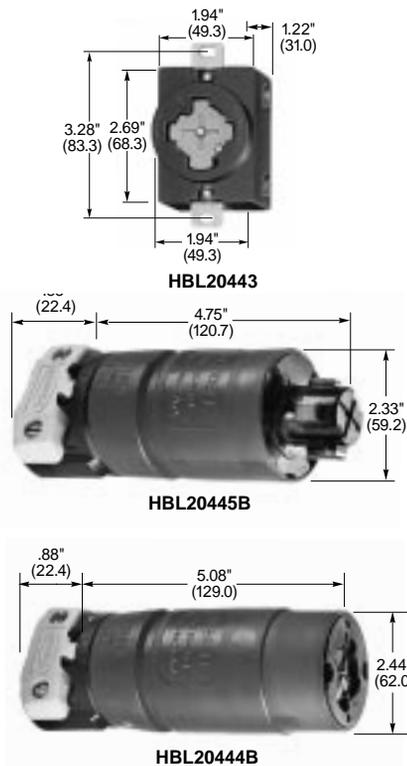
##### Liquidtight Metallic Conduit Adapters

Description	Catalog Numbers
Adapter for use with 1/2" NPT conduit fittings. See page E-10	<b>SAB12</b>
Adapter for use with 3/4" NPT conduit fittings. See page E-10	<b>SAB34</b>

##### Boots

Description	Catalog Numbers
"Mini" boot for Hubbellock connector body.	<b>HBL20424B*</b>
"Mini" boot for Hubbellock plug.	<b>HBL20425B*</b>

\* Not UL Listed or CSA Certified.  
+ Not CSA Certified.



**HBL20424B**

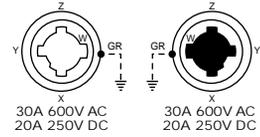
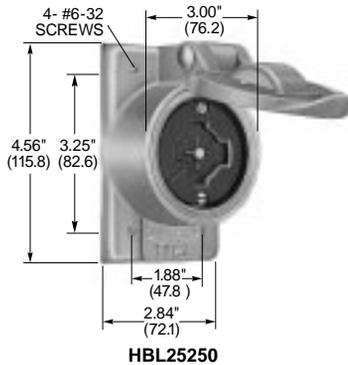
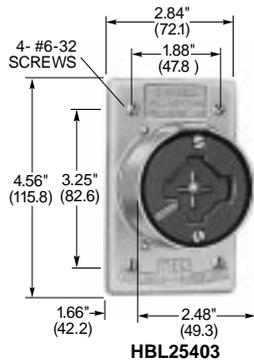


**HBL20425B**



**SEHBL3**

**HUBBELLOCK® Devices**  
**4 Pole, 5 Wire Grounding**  
 30 Ampere, 600 Volts AC, 20 Ampere, 250 Volts DC  
 Receptacles, Plug and Connector Body



**Receptacles**

Description	Catalog Numbers
Black phenolic, aluminum housing, blue finish, for FS/FD box mounting.	<b>HBL25403</b> -
Black phenolic, aluminum weatherproof housing, blue finish, for FS/FD box mounting. <b>IP44 SUTTABILITY</b>	<b>HBL25250</b> -

**Connector Body**

Description	Catalog Numbers
Black nylon housing, thermoplastic interior.	<b>HBL25414B</b> -

*Note: Cord clamp range .630 to 1.20" (16.0 to 30.4)*

**Plug**

Description	Catalog Numbers
Black nylon housing, thermoset interior, steel shroud.	- <b>HBL25415B</b>

*Note: Cord clamp range .630 to 1.20" (16.0 to 30.4)*

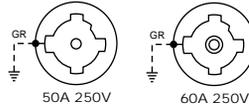
**Liquidtight Metallic Conduit Adapters**

Description	Catalog Numbers
Adapter for use with 1/2" NPT conduit fittings.	<b>SAB12</b>
Adapter for use with 3/4" NPT conduit fittings.	<b>SAB34</b>

# HUBBELLOCK® Devices

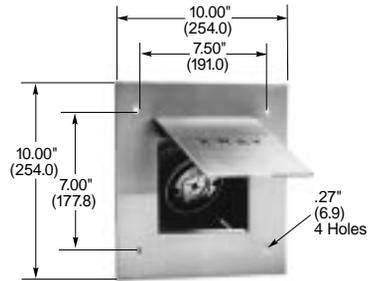
## 2 Pole, 3 Wire Grounding

50 and 60 Ampere, 250 Volts AC  
Mobile X-Ray Devices

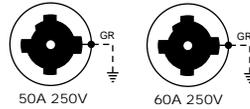


### Mobile X-Ray Receptacles

Description	Catalog Numbers	
Receptacle with stainless steel plate assembly.	<b>HBL25505</b>	<b>HBL25605</b>
Receptacle with cast aluminum plate assembly.	<b>HBL25503</b>	<b>HBL25603</b>



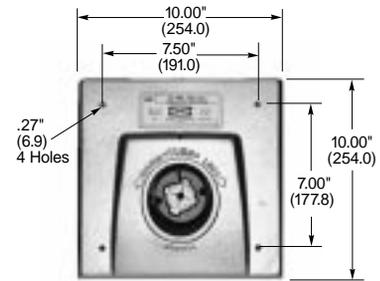
**HBL25605**



### Mobile X-Ray Plugs

Description	Catalog Numbers	
Plug, with epoxy kit, less cord clamp.	<b>HBL25515</b>	<b>HBL25615</b>
Plug, with cord clamp, less epoxy kit.	<b>HBL25525</b>	<b>HBL25625</b>

Note: Cord clamp range of plugs with cord clamps .625 to 1.48" (15.9 to 37.6)



**HBL25603**

### Accessories

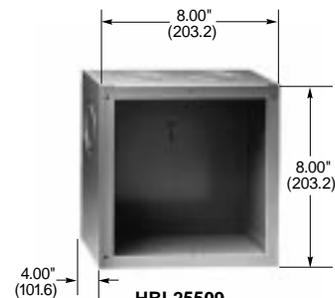
Description	Catalog Numbers
Box, stamped steel 8" x 8" x 4", (203.2 x 203.2 x 101.6), accommodates 50 and 60A mobile x-ray receptacles. Knockout size, 1¼", 1½" and 2".	<b>HBL25509</b>



**HBL25515**

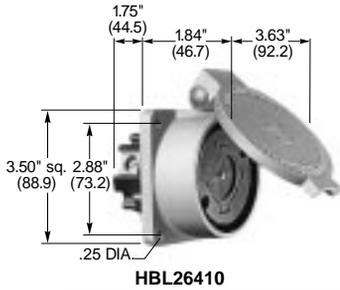


**HBL25615**

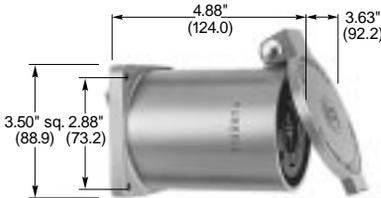


**HBL25509**

HUBBELLOCK® Devices  
 3 Pole, 4 Wire Grounding  
 60 Ampere, 600 Volts AC  
 Receptacles, Plug, Connector Body and Flanged Devices



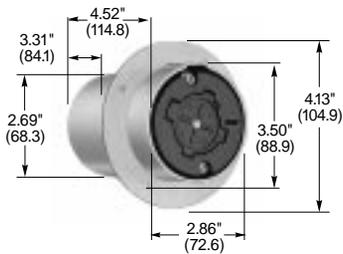
HBL26410



HBL26420



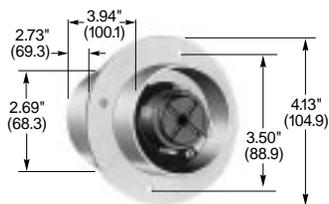
HBL26418



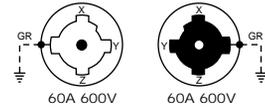
HBL26421



HBL26419



HBL26422



**Receptacles**

Description	Catalog Numbers
Black phenolic with short aluminum housing and lift cover. <b>IP44 SUITABILITY</b>	<b>HBL26410</b> -
Black phenolic with long aluminum housing and lift cover. <b>IP44 SUITABILITY</b>	<b>HBL26420</b> -

**Connector Body**

Description	Catalog Numbers
Black phenolic with yellow thermoplastic sleeve over steel cover.	<b>HBL26418</b> -

Note: Cord clamp range .875 to 1.480" (22.2 to 37.6)

**Flanged Receptacle**

Description	Catalog Numbers
Black phenolic with steel housing and flange. <b>IP44 SUITABILITY</b>	<b>HBL26421</b> -

**Plug**

Description	Catalog Numbers
Black phenolic with yellow thermoplastic sleeve over steel cover.	- <b>HBL26419</b>

Note: Cord clamp range .875 to 1.480" (22.2 to 37.6)

**Flanged Inlet**

Description	Catalog Numbers
Black phenolic with steel housing and flange.	- <b>HBL26422</b>

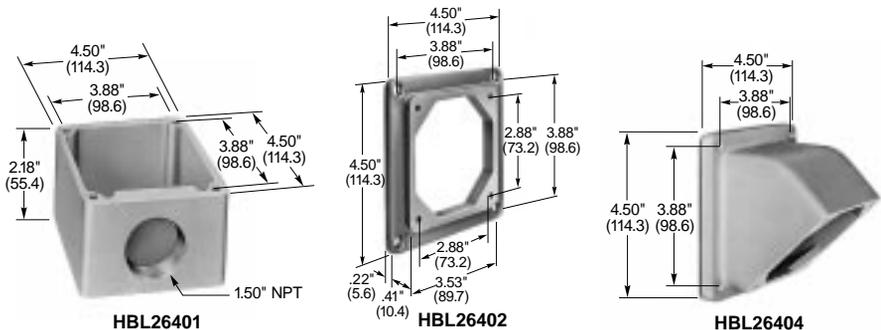
**Box and Adapter Plates**

Description	Catalog Numbers
Box, cast aluminum, only for 60A Hubbellock receptacles.	<b>HBL26401</b>
Straight adapter plate.	<b>HBL26402</b>
45°.	<b>HBL26404</b>

Note: Straight or angle adapter plate must be used when mounting a 60A receptacle to HBL26401 box

**Kellems® Cable Grip**

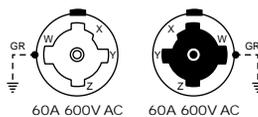
Description	Cable Range	Catalog Numbers
Cable grip. (Not shown)	.83 to 1.00" (21.1 to 25.4)	<b>H660A</b>



# HUBBELLOCK® Devices

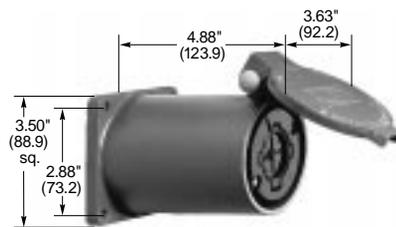
## 4 Pole, 5 Wire Grounding

60 Ampere, 600 Volts AC  
Receptacle, Plug, Connector Body and Flanged Devices



### Receptacle

Description	Catalog Numbers
Black phenolic with long aluminum housing with lift cover and blue finish. <b>IP44 SUITABILITY</b>	<b>HBL26520</b> -



HBL26520

### Connector Body

Description	Catalog Numbers
Black phenolic with blue thermoplastic sleeve over steel cover. <b>HBL26516</b>	-

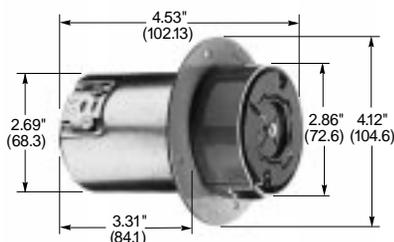
Note: Cord clamp Range .875 to 1.480" (22.2 to 37.5)



HBL26516

### Flanged Receptacle

Description	Catalog Numbers
Black phenolic with steel housing and flange with blue finish.	<b>HBL26521</b> -



HBL26521

### Plug

Description	Catalog Numbers
Black phenolic with blue thermoplastic sleeve over steel housing.	- <b>HBL26519</b>

Note: Cord clamp range .875 to 1.480" (22.2 to 37.5)



HBL26519

### Flanged Inlet

Description	Catalog Numbers
Black phenolic with steel housing and flange with blue finish.	- <b>HBL26522</b>

### Box and Adapter Plates

Description	Catalog Numbers
Box, cast aluminum, only for 60A Hubbellock receptacles.	<b>HBL26401</b>
Straight adapter plate.	<b>HBL26402</b>
45° angle adapter plate.	<b>HBL26404</b>

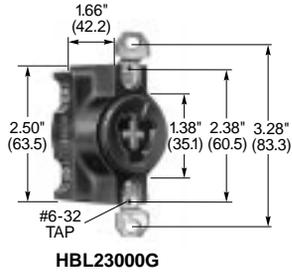
Note: Straight or angle adapter plate must be used when mounting a 60A receptacle to HBL26401 box

### Kellems® Cable Grip

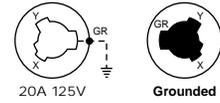
Description	Cable Range	Catalog Numbers
Cable grip. (Not shown)	.83 to 1.00" (21.1 to 25.4)	<b>H660A</b>

# HUBBELLOCK® Devices Not UL Listed 2 Pole, 3 Wire Grounding

20 Ampere, 125 Volts AC or DC, 10 Ampere, 250 Volts DC, 480 Volts AC  
Receptacle, Plug and Connector Body



**IP30**  
SUITABILITY



## Receptacle

Description	Catalog Numbers
Black phenolic, backwired.	<b>HBL23000G</b> -

## Plug

Description	Catalog Numbers
Nylon housing, thermoset interior.	- <b>HBL23005GB</b>

## Connector Body

Description	Catalog Numbers
Nylon housing, thermoset interior.	<b>HBL23002GB</b> -

Note: Cord clamp range for plug and connector .30 to .65" (7.6 to 16.5)