

# Twist-Lock® Devices

## Features and Benefits

### Insulgrip® 15 Amp Plugs and Connector Bodies

Insulgrip products are synonymous with Hubbell's ongoing commitment to discovering ways to make products safer and last longer.

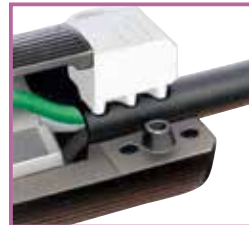
By encasing wiring devices in tough nylon housings, Insulgrip devices ensure high impact, heat, and chemical resistance while insulating current-carrying components from the user for maximum safety.

- The Insulgrip's cord gripping design clamps conductors, not just the cable jacket, making it the industry's most powerful cord grip with superior strain relief
- Each Insulgrip device is manufactured with roomy, separate wiring chambers to insulate conductors and an individually molded face to keep out dust and debris that can cause contamination over time



#### Housing Design

- Ribbed nylon housing provides a secure grip that's impact and chemical resistant
- Beveled housing prevents snagging when dragged across uneven surfaces
- Individually molded face for each blade configuration keeps debris out of plug interior



#### Internal Design

- Powerful cord grips clamp on individual conductors and outer cord jacket to prevent strain on terminations
- Individual wiring terminals are completely enclosed in their own separate chambers



#### Cord Range

- Integral VARI-SIZE® insert adjusts to a wide range of cord sizes: .230-.720 inch (5.8-18.3)
- VARI-SIZE® pointer set to "smaller than gauge" position. Cord diameter range is .230-.360 inch (5.8-9.0). Accepts slotted and Phillips head drivers



#### Assembly

- "Multiple drive" screw heads provide screwdriver versatility. Pocketed recess for cord grip screws deters slippage of the screwdriver



#### Identification

- Catalog number is visible on the device while in use for easy identification



#### Visual Verification

- Transparent angled wiring entrance holes guide conductor insertion and allow for quick visual verification of terminations

# Twist-Lock® Devices

## Features and Benefits

### 15 Amp Duplex Twist-Lock® Receptacles

Hubbell Wiring Device-Kellems line of duplex Twist-Lock® receptacles are designed to deliver premium service and longer life. This rugged product design establishes a new standard for 15 amp locking receptacles. A reinforced thermoplastic top and base encapsulates the brass alloy contacts that are locked together for unequalled assembly strength. Wiring and installation is simplified with back and side wire terminations, integral wire restraints, and combination head screws. The integral split circuit capability offers flexibility. Available in 2 pole, 3 wire configurations including isolated ground and corrosion resistant versions.

- Superior spring characteristics for increased contact force, secure connections and longer life
- High-conductivity, corrosion resistant material for reliable, low resistance to fault currents
- Easy and reliable installation for stranded and solid wire
- Features split circuit capability in the field
- The assembly locks together to make the most abuse resistant receptacle ever



#### Housing Design

- Reinforced thermoplastic construction
- High impact and heat resistance provides maximum safety and longer life



#### Terminals

- Single point break-off tabs
- High performance internal wiring clamps and open terminal design provide for the use of forked terminals



#### One-Piece Design

- Mounting strap tabs lock the body and base together
- Brass mounting strap with stainless steel grounding clip



#### Contacts

- Single piece, all brass contacts
- All terminals are back and side wired including the ground



#### Identification

- Rating marked on surface provides quick, sure circuit identification



#### Center Rivet

- Square head, 10-thread bronze center rivet won't rotate, reduces stripping and resists corrosion

**15 Amp, 125 Volts**  
**2 Pole, 2 Wire, Non-Grounding**

**IP20**  
 SUITABILITY



**15A 125V**  
**NEMA L1-15P**  
**0.5 HP**

## Plugs

Description	Cord Dia.	Catalog Number
Black and white nylon, polarized. Multiple drive screws.	.230"-.720" (5.8-18.3)	<b>HBL7545C</b>

*Note: See page B-53 for accessories.*



**HBL7545C**

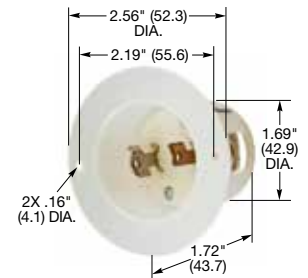
## Flanged Inlets

Description	Catalog Number
Nylon casing, polarized, backwired, Multiple drive screws.	<b>HBL7524C</b>

*Note: See page B-52 for accessories.*



**15A 125V**  
**NEMA L1-15R**  
**0.5 HP**



**HBL7524C**

## Connector Bodies

Description	Cord Dia.	Catalog Number
Black and white nylon. Multiple drive screws.	.230"-.720" (5.8-18.3)	<b>HBL7506C</b>

*Note: See page B-53 for accessories.*



**HBL7506C**

## Receptacles

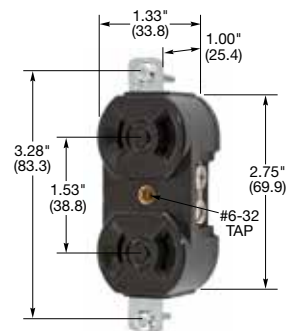
Description	Catalog Number
Duplex, flush, black phenolic.	<b>HBL7540</b>
Single, flush, black phenolic.	<b>HBL7535</b>
Single, panel mount, 1 <sup>5</sup> / <sub>16</sub> " (49.2) centers, black phenolic.	<b>HBL7498</b>

*Note: See pages B-52 and B-53 for accessories.*

## Flanged Receptacles

Description	Catalog Number
Insulgrip nylon casing, backwired. Multiple drive screws.	<b>HBL7526C</b>
Metal flange, stainless steel casing, black phenolic, exposed terminals.	<b>HBL7526</b>

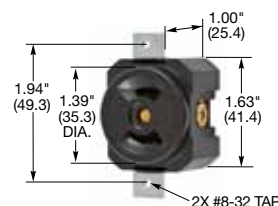
*Note: See pages B-52 and B-53 for accessories.*  
 Only receptacles and plugs are HP rated.  
 HP ratings are AC only.



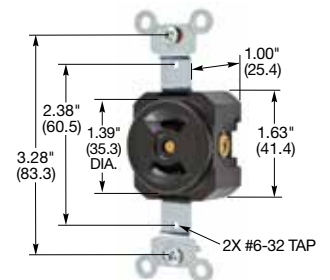
**HBL7540**



**HBL7526C**



**HBL7498**



**HBL7535**

*Dimensions in Inches (mm)*

**15 Amp, 125, 250 Volts and 277 Volts AC**  
**2 Pole, 3 Wire, Grounding**

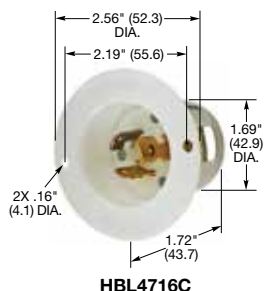
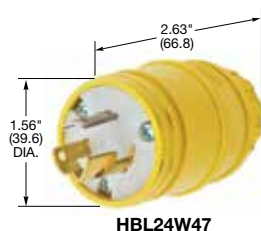
**IP20**  
 SUITABILITY



**15A 125V**  
**NEMA L5-15P**  
**0.5 HP**

**15A 250V**  
**NEMA L6-15P**  
**1.5 HP**

**15A 277V AC**  
**NEMA L7-15P**  
**2 HP**



Dimensions in Inches (mm)

## Plugs

Description	Cord Dia.	Catalog Number		
Insulgrip plug, black and white nylon. Multiple drive screws. Fed Spec WC596	.230"-.720" (5.8-18.3)	<b>HBL4720C</b>	<b>HBL4570C</b>	<b>HBL4770C</b>
All black nylon.	.230"-.720" (5.8-18.3)	<b>HBL4720CBK</b>	-	-
Insulgrip angle plug, 8 position angle, black and white nylon. Multiple drive screws.	.325"-.655" (8.3-16.6)	<b>HBL4720CA</b>	<b>HBL4570CA</b>	<b>HBL4770CA</b>
Insulgrip plug, corrosion resistant, yellow and white nylon. Multiple drive screws. Fed Spec WC596	.230"-.720" (5.8-18.3)	<b>HBL47CM20C</b>	<b>HBL45CM70C</b>	<b>HBL47CM70C</b>
Elastogrip® plug, yellow elastomer, dust tight.	300"-.655" (7.6-16.6)	<b>HBL2447</b>	-	-
Elastogrip plug, yellow elastomer, water/dust tight.	300"-.655" (7.6-16.6)	<b>HBL24W47</b>	-	-
Valise® plug, yellow nylon.	.220"-.660" (5.6-16.8)	<b>HBL4723VY</b>	<b>HBL4573VY</b>	<b>HBL4773VY</b>
Valise® plug, black nylon.	.220"-.660" (5.6-16.8)	<b>HBL4723VBK</b>	<b>HBL4573VBK</b>	<b>HBL4773VBK</b>

Note: See page B-53 for accessories.

## Flanged Inlets

Description	Catalog Number		
Insulgrip flanged inlet, nylon casing, back wired.	<b>HBL4716C</b>	<b>HBL4586C</b>	<b>HBL4786C</b>
Stainless steel casing, brown phenolic.	<b>HBL4716*</b>	<b>HBL4586*</b>	<b>HBL4786*</b>
Corrosion resistant, stainless steel casing, yellow melamine.	<b>HBL47CM16*</b>	-	-

Note: See page B-52 for accessories.

HP ratings are AC only.

Only plugs are HP rated.

See page B-71 for technical information on Insulgrip devices.

\*These flanged inlets will not accept Valise® connector bodies.

## 15 Amp, 125, 250 Volts and 277 Volts AC 2 Pole, 3 Wire, Grounding

**IP20**  
SUITABILITY



**15A 125V  
NEMA L5-15R  
0.5 HP**

**15A 250V  
NEMA L6-15R  
1.5 HP**

**15A 277V AC  
NEMA L7-15R  
2 HP**

### Connector Bodies

Description	Cord Dia.	Catalog Number		
Insulgrip connector body, black and white nylon. Multiple drive screws.	.230"-.720" (5.8-18.3)	<b>HBL4729C</b>	<b>HBL4579C</b>	<b>HBL4779C</b>
All black nylon.	.230"-.720" (5.8-18.3)	<b>HBL4729CBK</b>	-	-
Insulgrip connector body, 8 position angle, black and white nylon. Multiple drive screws.	.325"-.655" (8.3-16.6)	<b>HBL4729CA</b>	-	-
Insulgrip connector body, corrosion resistant, yellow and white nylon. Multiple drive screws.	.230"-.720" (5.8-18.3)	<b>HBL47CM29C</b>	<b>HBL45CM79C</b>	<b>HBL47CM79C</b>
Elastogrip connector body, yellow elastomer, dust tight.	.300"-.655" (7.6-16.6)	<b>HBL2547</b>	-	-
Elastogrip® connector body, yellow elastomer, water/dust tight.	.300"-.655" (7.6-16.6)	<b>HBL25W47**</b>	-	-
Valise® connector body, yellow nylon.	.220"-.660" (5.6-16.8)	<b>HBL4729VY</b>	<b>HBL4579VY</b>	<b>HBL4779VY</b>
Valise® connector body, black nylon.	.220"-.660" (5.6-16.8)	<b>HBL4729VBK</b>	<b>HBL4579VBK</b>	<b>HBL4779VBK</b>

Note: See page B-51 for accessories.

### Receptacles

Description	Catalog Number		
Duplex, flush, brown RTP face, back and side wired.	<b>HBL4700*</b>	<b>HBL4550*</b>	<b>HBL4750*</b>
Duplex, flush, ivory RTP face, back and side wired.	<b>HBL4700I*</b>	-	-
Duplex, ring terminal connection.	<b>HBL4700RT*</b>	<b>HBL4550RT*</b>	-
Duplex, isolated ground, flush, orange RTP face, back and side wired.	<b>IG4700A*</b>	<b>IG4550A*</b>	-
Duplex, corrosion resistant, yellow RTP face, back and side wired.	<b>HBL47CM00*</b>	-	-
Single, flush, black nylon face, back and side wired.	<b>HBL4710</b>	<b>HBL4560</b>	<b>HBL4760</b>
Same as HBL4760 without mounting screws, ears. Terminal screws backed out, back and side wired. This item is bulk packed 100 pcs case.	-	-	<b>HBL4760C</b>
Single, ring terminal connection.	<b>HBL4710RT</b>	<b>HBL4560RT</b>	-
Single, isolated ground, flush, orange nylon face, back and side wired.	<b>IG4710</b>	<b>IG4560</b>	-
Single, black nylon face mounted on a 4" (101.6) round box cover, back and side wired.	<b>HBL4711</b>	-	<b>HBL4761</b>
Single, panel mount, black nylon face, side wired only, 1.75" or 1.937" (44.5 or 49.2) mounting centers.	<b>HBL4713</b>	<b>HBL4563</b>	<b>HBL4763</b>

Note: See pages B-52 and B-53 for accessories.

### Flanged Receptacles

Description	Catalog Number		
Insulgrip flanged receptacle, nylon casing, back wired.	<b>HBL4715C</b>	<b>HBL4585C</b>	<b>HBL4785C</b>
Stainless steel casing, brown phenolic.	<b>HBL4715</b>	<b>HBL4585</b>	<b>HBL4785</b>
Corrosion resistant, stainless steel casing, yellow melamine.	<b>HBL47CM15</b>	-	-

Note: See pages B-52 and B-53 for accessories.

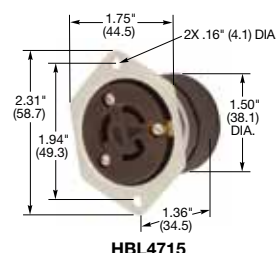
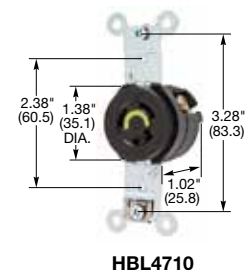
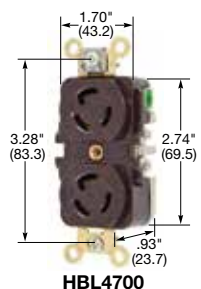
HP ratings are AC only.

RTP is an abbreviation for reinforced thermoplastic polyester.

See section N for additional information on isolated ground devices.

\*Supplied with break-off tabs for split circuit wiring.

\*\*Watertight connector body IP55 suitability when closure plug is inserted or when installed and used properly with watertight plug.



Dimensions in Inches (mm)



# Twist-Lock® Devices

## Features and Benefits

### Insulgrip® 20 and 30 Amp Plugs and Connector Bodies

Our 20 and 30 amp Insulgrip® plugs and connectors maintain Hubbell's classic integrity, solid construction and safety features that make these devices the "industry standard".

Insulgrip's cord gripping design clamps the conductors, not just the cable jacket, making it the industry's most powerful cord grip. The cord grips also provide a clean, one-piece look and makes it stronger.

Insulgrip's design guards against contamination. The nylon body and housing of the plugs and connectors are resistant to industrial chemicals, solvents and hydrocarbons. The face of each plug is molded specific to the blade configuration, eliminating holes that attract debris. And finally, our dust shield provides additional protection from contamination.

Additional features that make Insulgrip the industry standard are our improved contacts that provide better terminations, an exclusive double rivet design for the female contacts and an easy to read identification system.

The Hubbell Twist-Lock® line of plugs and connectors remain the broadest in the industry. Hubbell has you covered – proven performance, innovation and selection.



#### Housing Design

- Tough ribbed nylon housing for secure gripping
- Insulated nylon construction to keep non-current carrying parts from becoming energized



#### Internal Design

- Integral dust shield protects wiring chamber from dust or contaminants. Single-piece shield/housing eliminates need for separate step at installation
- Wiring chambers separate and positively insulate conductors and promote easy inspection



#### Cord Range

- Two-part cord grip tightens with two screws for maximum retention force
- Broad gripping area to accommodate wide range of cable diameters



#### Assembly

- Self-threading screws specially designed for secure assembly



#### Identification

- Product identification is visible while device is in use. Markings include catalog number and ratings printed in the IEC color scheme on the current-carrying portion of the device



#### Contacts

- Improved terminations include #10 multiple drive screws and thicker .080 inch clamping nuts
- Funneled holes to permit "straight-in" conductor insertion
- Contoured binding plates ensures strong wire retention

# Twist-Lock® Devices

## Features and Benefits

### Insulgrip® Standard Locking Receptacles

Twist-Lock® receptacles combine functional design features, unparalleled quality to deliver ultimate performance.

The high-impact nylon face of each Hubbell Twist-Lock receptacle has a colored ring. Keyed to an internationally recognized color coding scheme, this ring enables mating devices to be matched quickly. It's just one more example of user-oriented thinking at Hubbell.

The terminals in each Hubbell Twist-Lock receptacle are mechanically and electrically the finest available. These terminals incorporate unique design features to contain and hold conductors, including an external back wiring "wraparound" clamp, a wire restraint recess and more.

The materials used in every receptacle are of the highest quality. The all brass mounting system provides a safer, lower resistance ground path than those made of steel. The thick wall base is constructed of an engineered thermoplastic to offer the benefits of a thermoset, yet with much greater impact resistance.

Hubbell Twist-Lock Receptacles: Voltage color coding on the outside. Proven designs and quality materials on the inside. Any way you look at them, they are the standard of the industry.



#### Housing Design

- High-impact, abuse-resistant nylon face
- Glass-Reinforced thermoplastic base (PBT) has the desirable characteristics of a thermoset material, including heat, flame resistance and dimensional stability. The impact resistance it provides, however, is much greater than that of a thermoset



#### Wiring Design

- Wire restraint recess for both back and side wiring, greatly reduces the possibility of loosening the terminal connection



#### Mounting Strap

- All-brass mounting and grounding system provides a lower resistance ground path and greater resistance to corrosion than steel mounting systems



#### Terminals

- #10 brass terminal screw provides greater strength and resistance to corrosion and stripping
- Anti-rotational clamp has a stop to limit the amount of cocking when only one side is used. Accommodates both back and side wiring



#### Identification

- Face color coding by voltage facilitates locating and mating of proper devices
- Boss diameter is 1.562 inch on 20A and 30A devices for simplifying installation and accessory selection



#### Contacts

- One-piece contact with long spring arm (low stress) and oxide cutting nibs: prevents stress and overheating associated with riveted contact and short spring arms

# Twist-Lock® Devices

## Features and Benefits

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

- Virtually eliminates bent and broken plug blades, leading to longer equipment life
- Extends life of mating receptacles by eliminating damage caused by insertion of bent blades
- Extra protection for personnel by significantly reducing chance of inadvertent contact with blades when connecting or disconnecting energized receptacles and connector bodies
- Reduces exposure to arcing when connecting or disconnecting plugs under load
- Compliance with California Code of Regulations, Title 8, Article 51, subsection 2510.7(b), which requires shrouding for devices exceeding 300 volts
- Lockout/tagout hole allows compliance with OSHA regulation 29 CFR 1910.147



*Note: Works with Mechanical Interlocks, see page B-43 for additional information.*



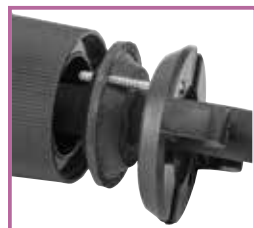
#### Housing Design

- One-piece, engineered thermoplastic housing is impact-resistant for heavy duty industrial environments
- Blades are recessed for protection against bending and breaking
- Closure cap is included for environmental seal when device is not in use



#### Assembly

- Cord grip screw recess minimizes screwdriver slippage
- All screws are #10 multiple drive head



#### Cord Range

- Assorted TPE seal glands can accommodate a wide range of cord sizes from #16-3 Type SJ to #8-5 Type S, SO
- Sealing gland and thermoplastic guard assure sealing when fully connected



#### Panel or Box Mount Receptacles and Inlets

- High impact, thermoplastic housing for heavy duty industrial environments
- Mounting screw recesses minimize screwdriver slippage
- Accepts all mating NEMA locking plugs and most connector bodies, allowing interchangeability with existing devices



#### Identification

- Catalog number and color-coded voltage rating are easily visible even when in use
- Alignment arrows and lock and unlock symbols provide a visual indication that devices are properly connected



#### Spring-Loaded Cover

- One-step, push-to-close, spring-loaded cover with latch allows for fast opening and closing of lift cover
- Result: environmental sealing is assured



# Twist-Lock® Devices

## Features and Benefits

### Safety-Shroud® Twist-Lock® System

- Mates with most NEMA locking connector bodies
- Virtually eliminates bent and broken plug blades
- Provides protection for personnel by reducing chance of inadvertent contact with blades when connecting or disconnecting energized devices
- Reduces exposure to arcing when connecting or disconnecting under load
- Extends life of mating receptacles by eliminating damage caused by insertion of bent blades
- Complies with California Code of Regulation, which requires shrouding for devices exceeding 300 volts
- Lockout/tagout hole allows compliance to OSHA regulation 29 CFR 1910.147
- Allows engagement with Mechanical Interlock Enclosure which virtually prevents make and break under load

*Note: All screws are #10 multiple drive head.*

*Works with Mechanical Interlocks, see page B-43 for additional information.*



#### Housing Design

- Impact resistant shroud made of engineered thermoplastic protects blades against bending or breaking



#### Housing Design

- Engineered thermoplastic housing is impact and corrosion resistant, making it suitable for heavy duty industrial environments
- Accepts conventional NEMA locking plugs



#### Safety

- External keying on plug devices allows quick mating of devices
- Lockout/tagout hole allows compliance with OSHA regulation 29 CFR 1910.147



#### Safety-Shroud® Twist-Lock® Receptacles

- The Safety-Shroud Twist-Lock single gang receptacles were designed to mount in virtually all standard and FS/FD type boxes, allowing easy conversion of existing NEMA locking receptacles to Safety-Shroud Twist-Lock receptacles



#### Identification

- Catalog number and color-coded voltage rating are visible even when in use
- Alignment arrows with lock and unlock symbols provide a visual indication that devices are properly connected



#### Boxes Available

- The semi-flush receptacles install in (RACO type 242/255) boxes, with ½ raised 2-gang device mount covers (RACO type 778/841) and a 2-gang FD type box. Standard 4 inch and 4 1/16 in. square boxes 2 1/8 in. deep

# Twist-Lock® Devices




## Compatibility and Environmental Protection Chart

### Twist-Lock® Receptacles



### Twist-Lock® Connector Bodies



### Twist-Lock® Plugs

	YES Type 4X, Type 12	YES Type 4X, Type 12K	YES Type 1	NO	NO	YES Type 4X, Type 12	YES Type 1
	YES Type 1	YES Type 1	YES Type 1	NO	NO	YES Type 1	YES Type 1
	YES Type 1	NO	YES Type 1	YES Type 3R	YES Type 1	YES Type 1	YES Type 1

### Twist-Lock® Inlets

	NA	NA	NA	NA	NA	NO	YES Type 1
	NA	NA	NA	NA	NA	YES Type 4X, Type 12	YES Type 1

<b>Type 1</b>	Indoor
<b>Type 3R</b>	Raintight
<b>Type 4X</b>	Hose-directed water and corrosion resistant
<b>Type 12</b>	Dust tight, drip-proof without knockouts
<b>Type 12K</b>	Dust tight, drip-proof with knockouts
<b>YES</b>	Interchangeable
<b>NO</b>	Does not interchange
<b>NA</b>	Not Applicable

Note: See Technical section for full description of enclosure types.

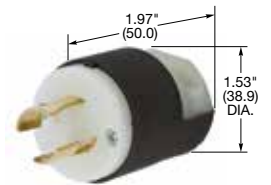
**20 Amp, 250 Volts**  
**2 Pole, 2 Wire, Non-Grounding**



## Plugs

Description	Cord Dia.	Catalog Number
Black and white nylon, polarized, multiple drive screws.	.220"-.720" (5.6-18.3)	<b>HBL7102C</b>

Note: See page B-53 for accessories.

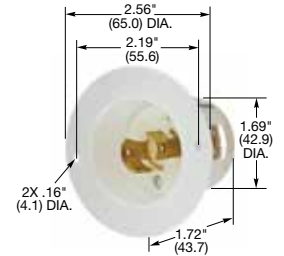


**HBL7102C**

## Flanged Inlets

Description	Catalog Number
Nylon casing, back wired, polarized, multiple drive screws.	<b>HBL8815C</b>

Note: See page B-52 for accessories.



**HBL8815C**

## Connector Bodies

Description	Cord Dia.	Catalog Number
Black and white nylon, multiple drive screws.	.220"-.720" (5.6-18.3)	<b>HBL7101C</b>

Note: See page B-53 for accessories.

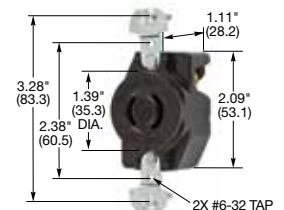


**HBL7101C**

## Receptacles

Description	Catalog Number
Single, black phenolic.	<b>HBL7210B</b>
Single, mounted on 4" (101.6) round box cover, black phenolic.	<b>HBL7217B</b>

Note: See pages B-52 and B-53 for accessories.



**HBL7210B**

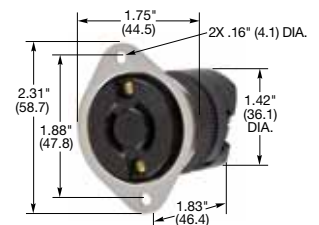
## Flanged Receptacles

Description	Catalog Number
Insulgrip nylon casing, back wired, multiple drive screws.	<b>HBL8809C</b>
Metal flange, stainless steel casing, black phenolic, exposed terminals.	<b>HBL3226</b>

Note: See pages B-52 and B-53 for accessories.  
 Only receptacles and plugs are HP rated.  
 HP ratings are AC only.



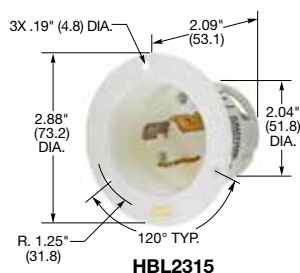
**HBL8809C**



**HBL3226**

Dimensions in Inches (mm)

**20 Amp, 125, 250 Volts and 277 Volts AC  
2 Pole, 3 Wire, Grounding**



Dimensions in Inches (mm)

## Plugs

### Watertight Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Black Valox® housing, white Valox® clamps.	.360"-.930" (9-24)	<b>HBL2311SW</b>	<b>HBL2321SW</b>	<b>HBL2331SW</b>

### Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.360"-.930" (9-24)	<b>HBL2311S</b>	<b>HBL2321S</b> <b>HBL2331S</b>

### Insulgrip®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon.	.360"-.930" (9-24)	<b>HBL2311</b>	<b>HBL2321</b> <b>HBL2331</b>
Corrosion resistant, yellow nylon.	.360"-.930" (9-24)	<b>HBL23CM11</b>	<b>HBL23CM21</b> -
All black nylon.	.360"-.930" (9-24)	<b>HBL2311BK</b>	<b>HBL2321BK</b> -
Cord clamps with removable inserts. All black nylon.	.360"-.930" (9-24)	<b>HBL2311EBK</b>	<b>HBL2321EBK</b> -

Note: See page B-54 for accessories.

### Valise®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Yellow nylon.	.325"-.720" (8.26-18.3)	<b>HBL2311VY</b>	<b>HBL2321VY</b> <b>HBL2331VY</b>
Corrosion resistant, yellow nylon.	.325"-.720" (8.26-18.3)	<b>HBL23CM11V</b>	- -
Black nylon.	.325"-.720" (8.26-18.3)	<b>HBL2311VBK</b>	<b>HBL2321VBK</b> <b>HBL2331VBK</b>

Note: See page B-55 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Gray Valox® housing and flange.	<b>HBL2315SW</b>	<b>HBL2325SW</b>	<b>HBL2335SW</b>
Gray Valox® housing and flange, reverse service (Not shown).	-	<b>HBL2325SWR</b>	-

Note: See page B-56 for accessories.

### Insulgrip®

Description	Catalog Number	IP20 SUITABILITY
Nylon casing, back wired.	<b>HBL2315</b>	<b>HBL2325</b> <b>HBL2335</b>

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.

See page B-76 for technical information on Valise® plugs and connectors.

**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-43.



Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



**20 Amp, 125, 250 Volts and 277 Volts AC  
2 Pole, 3 Wire, Grounding**



<b>20A 125V NEMA L5-20R 1 HP</b>	<b>20A 250V NEMA L6-20R 2 HP</b>	<b>20A 277V AC NEMA L7-20R 2 HP</b>
------------------------------------------	------------------------------------------	---------------------------------------------

## Connector Bodies

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Cord Dia.	Catalog Number		
Black Valox® housing, white Valox® clamps.	.360"-.930" (9-24)	<b>HBL2313SW</b>	<b>HBL2323SW</b>	<b>HBL2333SW</b>

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.360"-.930" (9-24)	<b>HBL2313</b>	<b>HBL2323</b>	<b>HBL2333</b>
Corrosion resistant, yellow nylon.	.360"-.930" (9-24)	<b>HBL23CM13</b>	<b>HBL23CM23</b>	-
All black nylon.	.360"-.930" (9-24)	<b>HBL2313BK</b>	<b>HBL2323BK</b>	-
Cord clamps with removable inserts. All black nylon.	.360"-.930" (9-24)	<b>HBL2313EBK</b>	<b>HBL2323EBK</b>	-

Note: See page B-54 for accessories.

### Valise®

IP20 SUITABILITY



Description	Cord Dia.	Catalog Number		
Yellow nylon.	.325"-.720" (8.26-18.3)	<b>HBL2313VY</b>	<b>HBL2323VY</b>	-
Black nylon.	.325"-.720" (8.26-18.3)	<b>HBL2313VBK</b>	<b>HBL2323VBK</b>	<b>HBL2333VBK</b>

Note: See page B-55 for accessories.

## Receptacles

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Catalog Number		
Gray Valox® housing and flange, back wired.	<b>HBL2310SW</b>	<b>HBL2320SW</b>	<b>HBL2330SW</b>

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

IP20 SUITABILITY

Description	Catalog Number		
Gray Valox® angle housing, one gang, back wired.	<b>HBL2310AR</b>	<b>HBL2320AR</b>	<b>HBL2330AR</b>
Gray Valox® surface mounting, one gang, back wired.	<b>HBL2310SR</b>	<b>HBL2320SR</b>	<b>HBL2330SR</b>
Gray Valox® semi-flush, two gang, back wired.	<b>HBL2310SR2</b>	<b>HBL2320SR2</b>	<b>HBL2330SR2</b>

### Single Flush Receptacles

IP20 SUITABILITY

Description	Catalog Number		
Black nylon face, back and side wired.	<b>HBL2310</b>	<b>HBL2320</b>	<b>HBL2330</b>
Blue nylon face, back and side wired.	<b>HBL2310M7</b>	<b>HBL2320M4</b>	-
Isolated ground, orange nylon face, back and side wired.	<b>IG2310</b>	<b>IG2320</b>	-
Corrosion resistant, yellow nylon face, back and side wired.	<b>HBL23CM10</b>	-	-
Ring terminal connection.	<b>HBL2310RT</b>	<b>HBL2320RT</b>	-

Note: See page B-54 for accessories.

### Insulgrip® Flanged Receptacles

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2316</b>	<b>HBL2326</b>	<b>HBL2336</b>

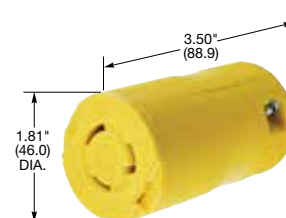
Note: See page B-54 for accessories.



**HBL2323SW**



**HBL2313**



**HBL2313VY**



**HBL2320SW**



**HBL2320AR**



**HBL2320SR**

**20 Amp, 125/250, 3Ø 250 and 3Ø 480 Volts AC**  
**3 Pole, 4 Wire, Grounding**



**HBL2421SW**



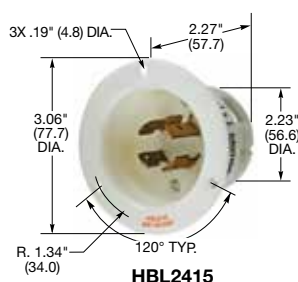
**HBL2421S**



**HBL2411**



**HBL2425SW**



**HBL2415**

Dimensions in Inches (mm)

## Plugs

### Watertight Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2411SW</b>	<b>HBL2421SW</b>	<b>HBL2431SW</b>

### Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.350"-1.150" (9-29)	<b>HBL2411S</b>	<b>HBL2421S</b>

Note: See page B-54 for accessories.

### Insulgrip®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2411</b>	<b>HBL2421</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL24CM11</b>	<b>HBL24CM21</b>
All black nylon.	.350"-1.150" (9-29)	<b>HBL2411BK</b>	-

Note: See page B-54 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Gray Valox® housing and flange.	<b>HBL2415SW</b>	<b>HBL2425SW</b>	<b>HBL2435SW</b>

Note: See page B-56 for accessories.

### Insulgrip®

Description	Catalog Number	IP20 SUITABILITY
Nylon casing, back wired.	<b>HBL2415</b>	<b>HBL2425</b>

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.

**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-43.



Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

**20 Amp, 125/250, 3Ø 250 and 3Ø 480 Volts AC  
3 Pole, 4 Wire, Grounding**



20A 125/250V AC  
NEMA L14-20R  
2 (1) HP

20A 3Ø 250V AC  
NEMA L15-20R  
3 HP

20A 3Ø 480V AC  
NEMA L16-20R  
5 HP

## Connector Bodies

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Cord Dia.	Catalog Number
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2413SW</b> <b>HBL2423SW</b> <b>HBL2433SW</b>



**HBL2423SW**

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2413</b> <b>HBL2423</b> <b>HBL2433</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL24CM13</b> <b>HBL24CM23</b> <b>HBL24CM33</b>
All black nylon.	.350"-1.150" (9-29)	<b>HBL2413BK</b> -    -



**HBL2413**

Note: See page B-54 for accessories.

## Receptacles

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Catalog Number
Gray Valox® housing and flange, back wired.	<b>HBL2410SW</b> <b>HBL2420SW</b> <b>HBL2430SW</b>

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

IP20 SUITABILITY

Description	Catalog Number
Gray Valox® angle housing, one gang, back wired.	<b>HBL2410AR</b> <b>HBL2420AR</b> <b>HBL2430AR</b>
Gray Valox® surface mounting, one gang, back wired.	<b>HBL2410SR</b> <b>HBL2420SR</b> <b>HBL2430SR</b>
Gray Valox® semi-flush, two gang, back wired.	<b>HBL2410SR2</b> <b>HBL2420SR2</b> <b>HBL2430SR2</b>



**HBL2420SW**

### Single Flush Receptacles

IP20 SUITABILITY

Description	Catalog Number
Black nylon face, back and side wired.	<b>HBL2410</b> <b>HBL2420</b> <b>HBL2430</b>
Isolated ground, orange nylon face, back and side wired.	<b>IG2410</b> <b>IG2420</b> -
Ring terminal connection.	<b>HBL2410RT</b> <b>HBL2420RT</b> -

Note: See page B-54 for accessories.

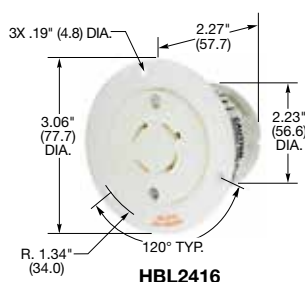
### Insulgrip® Flanged Receptacles

Description	Catalog Number
Nylon casing, back wired.	<b>HBL2416</b> <b>HBL2426</b> <b>HBL2436</b>

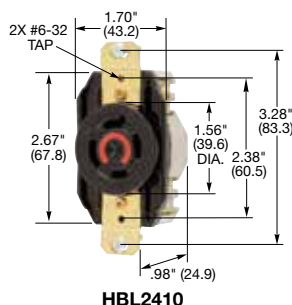
Note: See page B-54 for accessories.



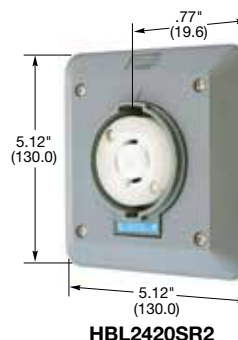
**HBL2420AR**



**HBL2416**



**HBL2410**



**HBL2420SR2**



**HBL2420SR**

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Dimensions in Inches (mm)

**20 Amp, 347, 480, 600 and 125/250 Volts AC**  
**2 Pole, 3 Wire, Grounding and 3 Pole, 3 Wire, Non-Grounding**

**IP20**  
SUITABILITY



**HBL2341**

## Plugs

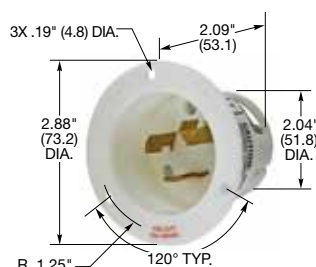
Description	Cord Dia.	Catalog Number			
Black and white nylon.	.360"-.930" (9-24)	<b>HBL3721</b>	<b>HBL2341</b>	<b>HBL2351</b>	-
Black and white nylon (Not shown).	.300"-1.050" (7.6-26.7)	-	-	-	<b>HBL2361</b>

Note: See page B-54 for accessories.

## Flanged Inlets

Description	Catalog Number			
Nylon casing, back wired.	<b>HBL3725</b>	<b>HBL2345</b>	<b>HBL2355</b>	<b>HBL2365</b>

Note: See page B-54 for accessories.



**HBL2345**

**IP20**  
SUITABILITY



## Connector Bodies

Description	Cord Dia.	Catalog Number			
Black and white nylon.	.360"-.930" (9-24)	<b>HBL3723</b>	<b>HBL2343</b>	<b>HBL2353</b>	-
Black and white nylon (Not shown).	.300"-1.050" (7.6-26.7)	-	-	-	<b>HBL2363</b>

Note: See page B-54 for accessories.

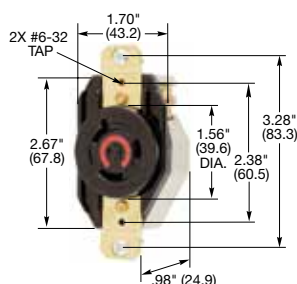


**HBL2343**

## Single Flush Receptacles

Description	Catalog Number			
Black nylon face, back and side wired.	<b>HBL3720</b>	<b>HBL2340</b>	<b>HBL2350</b>	<b>HBL2360</b>
Watertight Safety-Shroud®, gray Valox® housing and flange, back and side wired, (Not shown).	-	<b>HBL2340SW</b>	-	-
Isolated ground, orange nylon face, back and side wired.	-	<b>IG2340</b>	-	-

Note: See page B-54 for accessories.



**HBL2340**

## Flanged Receptacles

Description	Catalog Number			
Nylon casing, back wired.	<b>HBL3726</b>	<b>HBL2346</b>	<b>HBL2356</b>	<b>HBL2366</b>

Note: See page B-54 for accessories.

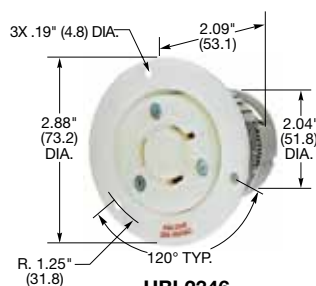
See page B-71 for technical information.

See page B-41 for switched enclosure.

See page B-44 for Add-A-Shroud® kit. For use with connector bodies.

Only receptacles and plugs up to 480V AC are HP rated.

HP ratings are AC only.



**HBL2346**

Dimensions in Inches (mm)

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



## 20 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC 4 Pole, 4 Wire, Non-Grounding

**IP20**  
SUITABILITY



### Plugs

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2441</b>	<b>HBL2451</b>	<b>HBL2461</b>

Note: See page B-54 for accessories.

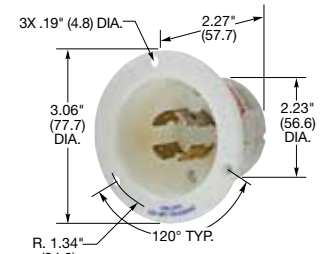


**HBL2441**

### Flanged Inlets

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2445</b>	<b>HBL2455</b>	<b>HBL2465</b>

Note: See page B-54 for accessories.



**HBL2445**

**IP20**  
SUITABILITY



### Connector Bodies

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2443</b>	<b>HBL2453</b>	<b>HBL2463</b>

Note: See page B-54 for accessories.

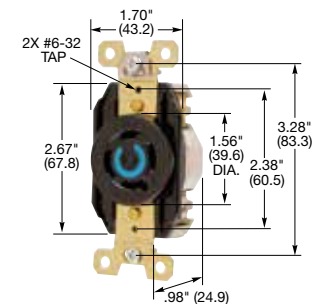


**HBL2443**

### Single Flush Receptacles

Description	Catalog Number		
Black nylon face, back and side wired.	<b>HBL2440</b>	<b>HBL2450</b>	<b>HBL2460</b>

Note: See page B-54 for accessories.



**HBL2440**

### Flanged Receptacles

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2446</b>	<b>HBL2456</b>	<b>HBL2466</b>

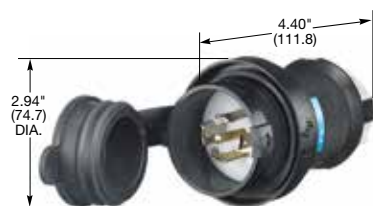
Note: See page B-54 for accessories.  
See page B-71 for technical information.  
See page B-41 for switched enclosure.  
See page B-44 for Add-A-Shroud® kit. For use with connector bodies.  
Only receptacles and plugs up to 480V AC are HP rated.  
HP ratings are AC only.



**HBL2446**

Dimensions in Inches (mm)

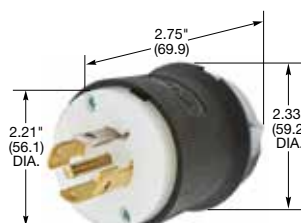
**20 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC**  
**4 Pole, 5 Wire, Grounding**



**HBL2511SW**



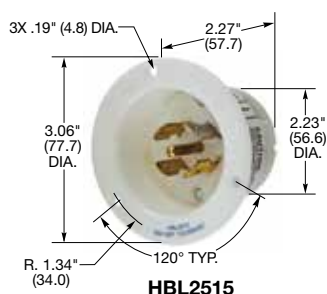
**HBL2511S**



**HBL2511**



**HBL2515SW**



**HBL2515**

Dimensions in Inches (mm)

## Plugs

### Watertight Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2511SW</b>	—	—

### Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY	
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.350"-1.150" (9-29)	<b>HBL2511S</b>	—	—

Note: See page B-42 for accessories.

### Insulgrip®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY	
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2511</b>	<b>HBL2521</b>	<b>HBL2531</b>
All black nylon.	.350"-1.150" (9-29)	<b>HBL2511BK</b>	—	—
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL25CM11</b>	—	—
Black and white for flat cable.	.350"-1.150" (9-29)	<b>HBL2511FC</b>	—	—

Note: See page B-54 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Gray Valox® housing and flange.	<b>HBL2515SW</b>	—	—

Note: See page B-54 for accessories.

### Insulgrip®

Description	Catalog Number	IP20 SUITABILITY	
Nylon casing, back wired.	<b>HBL2515</b>	<b>HBL2525</b>	<b>HBL2535</b>

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.

## Twist-Lock® 3-Phase Circuit Tester

Description	Rating	Catalog Number		
3-Phase Circuit Tester	3Ø 120/208V AC Min. Voltage: 90V AC	<b>HBL3PT2511</b>	—	—

Note: Testers in other NEMA configurations can be developed upon request.

See page B-55 for additional circuit testers.



**HBL3PT2511**

**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-43.



Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

**20 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC**  
**4 Pole, 5 Wire, Grounding**



**20A 3ØY 120/208V AC**  
**NEMA L21-20R**  
**2 HP**

**20A 3ØY 277/480V AC**  
**NEMA L22-20R**  
**5 HP**

**20A 3ØY 347/600V AC**  
**NEMA L23-20R**

## Connector Bodies

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Cord Dia.	Catalog Number		
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2513SW</b>	-	-



**HBL2513SW**

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2513</b>	<b>HBL2523</b>	<b>HBL2533</b>
All black nylon.	.350"-1.150" (9-29)	<b>HBL2513BK</b>	-	-
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL25CM13</b>	-	-
Black and white for flat cable.	.350"-1.150" (9-29)	<b>HBL2513FC</b>	-	-



**HBL2513**

Note: See page B-54 for accessories.

## Receptacles

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Catalog Number		
Gray Valox® housing and flange, back wired.	<b>HBL2510SW</b>	-	-

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

IP20 SUITABILITY

Description	Catalog Number		
Gray Valox® angle housing, one gang, back wired.	<b>HBL2510AR</b>	-	-
Gray Valox® surface mounting, one gang, back wired.	<b>HBL2510SR</b>	-	-
Gray Valox® semi-flush, two gang, back wired.	<b>HBL2510SR2</b>	-	-



**HBL2510SW**

### Single Flush Receptacles

IP20 SUITABILITY

Description	Catalog Number		
Black nylon face, back and side wired.	<b>HBL2510</b>	<b>HBL2520*</b>	<b>HBL2530*</b>
Isolated ground, orange nylon face, back and side wired.	<b>IG2510</b>	-	-

Note: See page B-54 for accessories.

\*Not Fed Spec.

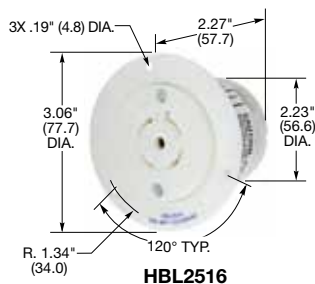
### Insulgrip® Flanged Receptacles

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2516</b>	<b>HBL2526</b>	<b>HBL2536</b>

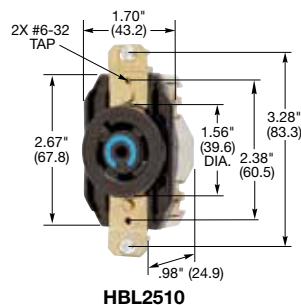
Note: See page B-54 for accessories.



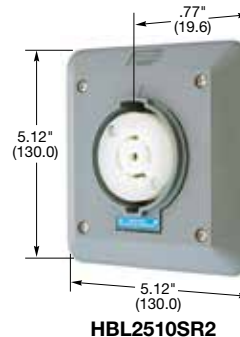
**HBL2510AR**



**HBL2516**



**HBL2510**



**HBL2510SR2**



**HBL2510SR**

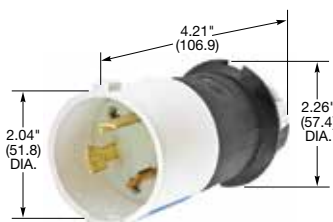
Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Dimensions in Inches (mm)

**30 Amp, 125, 250 Volts and 277 Volts AC  
2 Pole, 3 Wire, Grounding**



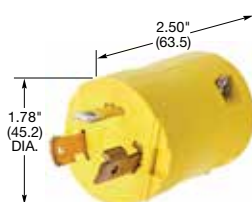
**HBL2611SW**



**HBL2621S**



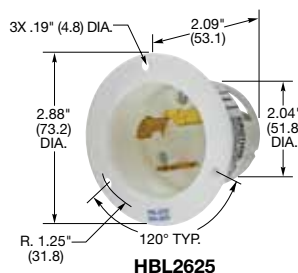
**HBL2621**



**HBL2611VY**



**HBL2615SW**



**HBL2625**

## Plugs

### Watertight Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Black Valox® housing, white Valox® clamps.	.325"-.930" (9-24)	<b>HBL2611SW</b>	<b>HBL2621SW</b>	—

### Safety-Shroud®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.360"-.930" (9-24)	<b>HBL2611S</b>	<b>HBL2621S</b> —

Note: See page B-42 for accessories.

### Insulgrip®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon.	.360"-.930" (9-24)	<b>HBL2611</b>	<b>HBL2621</b> <b>HBL2631</b>
Heat stabilized, gray nylon, 220° F (104° C).	.360"-.930" (9-24)	<b>HBL2611F</b>	<b>HBL2621F</b> —
Corrosion resistant, yellow nylon.	.360"-.930" (9-24)	<b>HBL26CM11</b>	<b>HBL26CM21</b> —
All black nylon.	.360"-.930" (9-24)	<b>HBL2611BK</b>	<b>HBL2621BK</b> —
Cord clamps with removable inserts. All black nylon.	.360"-.930" (9-24)	—	<b>HBL2621EBK</b> —

Note: See page B-54 for accessories.

### Valise®

Description	Cord Dia.	Catalog Number	IP20 SUITABILITY
Yellow nylon.	.590"-.930" (15.0-23.6)	<b>HBL2611VY</b>	<b>HBL2621VY</b> —
Corrosion resistant, yellow nylon.	.590"-.930" (15.0-23.6)	<b>HBL26CM11V</b>	— —
Black nylon.	.590"-.930" (15.0-23.6)	<b>HBL2611VBK</b>	<b>HBL2621VBK</b> —

Note: See page B-55 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Gray Valox® housing and flange.	<b>HBL2615SW</b>	<b>HBL2625SW</b>	—
Reverse service, gray Valox® housing and flange (use with HBL2613SR), (Not shown).	<b>HBL2615SWR</b>	—	—

Note: See page B-56 for accessories.

### Insulgrip®

Description	Catalog Number	IP20 SUITABILITY
Nylon casing, back wired.	<b>HBL2615</b>	<b>HBL2625</b> <b>HBL2635</b>
Heat stabilized, gray nylon, 220° F (104° C).	<b>HBL2615F</b>	<b>HBL2625F</b> —
Nylon casing, weather protective, die cast aluminum, back wired, self closing lift cover.	<b>HBL2615M3</b>	— —

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.  
See page B-76 for technical information on Valise plugs and connectors.

Dimensions in Inches (mm)

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



**30 Amp, 125, 250 Volts and 277 Volts AC  
2 Pole, 3 Wire, Grounding**



## Connector Bodies

### Watertight Safety-Shroud®

		IP66 SUITABILITY		UL Type 4x, 12
Description	Cord Dia.	Catalog Number		
Black Valox® housing, white Valox® clamps.	.360"-.930" (9-24)	<b>HBL2613SW</b>	<b>HBL2623SW</b>	-
Reverse service, black Valox® housing, white Valox® clamps (use with HBL2615SWR), (Not shown).	.360"-.930" (9-24)	<b>HBL2613SR</b>	-	-

### Insulgrip®

		IP20 SUITABILITY		
Description	Cord Dia.	Catalog Number		
Black and white nylon.	.360"-.930" (9-24)	<b>HBL2613</b>	<b>HBL2623</b>	<b>HBL2633</b>
Heat stabilized, gray nylon, 220° F (104° C).	.360"-.930" (9-24)	<b>HBL2613F</b>	<b>HBL2623F</b>	-
Corrosion resistant, yellow nylon.	.360"-.930" (9-24)	<b>HBL26CM13</b>	<b>HBL26CM23</b>	-
All black nylon.	.360"-.930" (9-24)	<b>HBL2613BK</b>	<b>HBL2623BK</b>	-

Note: See page B-54 for accessories.

### Valise®

		IP20 SUITABILITY		
Description	Cord Dia.	Catalog Number		
Yellow nylon.	.590"-.930" (15.0-23.6)	<b>HBL2613VY</b>	<b>HBL2623VY</b>	-
Corrosion resistant, yellow nylon.	.590"-.930" (15.0-23.6)	<b>HBL26CM13V</b>	-	-
Black nylon.	.590"-.930" (15.0-23.6)	<b>HBL2613VBK</b>	<b>HBL2623VBK</b>	-
Cord clamps with removable inserts. All black nylon.	.360"-.930" (9-24)	-	<b>HBL2623EBK</b>	-

Note: See page B-55 for accessories.

## Receptacles

### Watertight Safety-Shroud®

		IP66 SUITABILITY		UL Type 4x, 12
Description	Catalog Number			
Gray Valox® housing and flange, back wired.	<b>HBL2610SW</b>	<b>HBL2620SW</b>	-	

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

		IP20 SUITABILITY		
Description	Catalog Number			
Gray Valox® angle housing, one gang, back wired.	<b>HBL2610AR</b>	<b>HBL2620AR</b>	-	
Gray Valox® surface mounting, one gang, back wired.	<b>HBL2610SR</b>	<b>HBL2620SR</b>	-	
Gray Valox® semi-flush, two gang, back wired.	<b>HBL2610SR2</b>	<b>HBL2620SR2</b>	-	

### Single Flush Receptacles

		IP20 SUITABILITY		
Description	Catalog Number			
Black nylon face, back and side wired.	<b>HBL2610</b>	<b>HBL2620</b>	<b>HBL2630</b>	
Blue nylon face, back and side wired.	<b>HBL2610M6</b>	<b>HBL2620M6</b>	-	
Isolated ground, orange nylon face, back and side wired.	<b>IG2610</b>	<b>IG2620</b>	-	
Corrosion resistant, yellow nylon face, back and side wired.	<b>HBL26CM10</b>	<b>HBL26CM20</b>	-	
Ring terminal connection.	<b>HBL2610RT</b>	<b>HBL2620RT</b>	-	

Note: See page B-54 for accessories.

### Insulgrip® Flanged Receptacles

Description	Catalog Number			
Nylon casing, back wired.	<b>HBL2616</b>	<b>HBL2626</b>	<b>HBL2636</b>	
Heat stabilized, gray nylon, 220° F (104° C).	<b>HBL2616F</b>	<b>HBL2626F</b>	-	

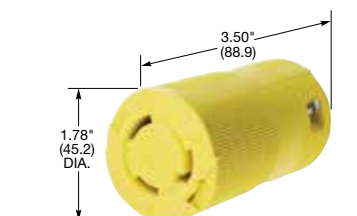
Note: See page B-54 for accessories.



**HBL2613SW**



**HBL2623**



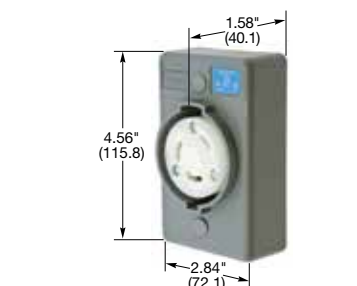
**HBL2613VY**



**HBL2610SW**



**HBL2620AR**

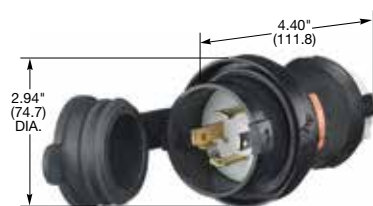


**HBL2620SR**

Dimensions in Inches (mm)

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

**30 Amp, 125/250 and 3Ø 250 Volts AC**  
**3 Pole, 3 Wire, Non-Grounding and 3 Pole, 4 Wire, Grounding**



**HBL2711SW**



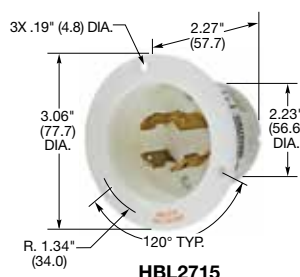
**HBL2711S**



**HBL2711**



**HBL2715SW**



**HBL2715**

## Plugs

### Watertight Safety-Shroud®

Description		Cord Dia.	Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Black Valox® housing, white Valox® clamps.		.350"-1.150" (9-29)	-	<b>HBL2711SW</b>	<b>HBL2721SW</b>

### Safety-Shroud®

Description		Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.		.350"-1.150" (9-29)	-	<b>HBL2711S</b> <b>HBL2721S</b>

Note: See page B-42 for accessories.

### Insulgrip®

Description		Cord Dia.	Catalog Number	IP20 SUITABILITY
Black and white nylon.		.350"-1.150" (9-29)	-	<b>HBL2711</b> <b>HBL2721</b>
Black and white nylon, (Not shown).		.300"-.950" (7.6-24.1)	<b>HBL2661</b>	-
Corrosion resistant, yellow nylon.		.350"-1.150" (9-29)	-	<b>HBL27CM11</b> <b>HBL27CM21</b>
All black nylon.		.350"-1.150" (9-29)	-	<b>HBL2711BK</b> -

Note: See page B-54 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description		Catalog Number	IP66 SUITABILITY	UL Type 4x, 12
Gray Valox® housing and flange.		-	<b>HBL2715SW</b>	<b>HBL2725SW</b>
Reverse service, gray Valox® housing and flange (use with HBL2713SR), (Not shown).		-	<b>HBL2715SWR</b>	-

Note: See page B-56 for accessories.

### Insulgrip®

Description		Catalog Number	IP20 SUITABILITY
Nylon casing, back wired.		-	<b>HBL2715</b> <b>HBL2725</b>
Nylon casing, back wired, (Not shown).		<b>HBL2665</b>	-
Nylon casing, weather protective, die cast aluminum, back wired, self closing lift cover.		-	<b>HBL2715M3</b> -

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.



**HBL2715M3**

**HBLMITL** - For use with Watertight Safety-Shroud receptacles and reverse service inlet, see page B-43.



Dimensions in Inches (mm)

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

**30 Amp, 125/250 and 3Ø 250 Volts AC  
3 Pole, 3 Wire, Non-Grounding and  
3 Pole, 4 Wire, Grounding**



30A 125/250V AC  
NEMA L10-30R

30A 125/250V AC  
NEMA L14-30R  
2 (2) HP

30A 3Ø 250V AC  
NEMA L15-30R  
3 HP

## Connector Bodies

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Cord Dia.	Catalog Number		
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	-	<b>HBL2713SW</b>	<b>HBL2723SW</b>
Reverse service, black Valox® housing, white Valox® clamps (use with HBL2715SWR), (Not shown).	.350"-1.150" (9-29)	-	<b>HBL2713SR</b>	-



**HBL2713SW**

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.350"-1.150" (9-29)	-	<b>HBL2713</b>	<b>HBL2723</b>
Black and white nylon, (Not shown).	.300"-1.150" (7.6-24.1)	<b>HBL2663</b>	-	-
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	-	<b>HBL27CM13</b>	<b>HBL27CM23</b>
All black nylon.	.350"-1.150" (9-29)	-	<b>HBL2713BK</b>	-



**HBL2713**

Note: See page B-54 for accessories.

## Receptacles

### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Catalog Number		
Gray Valox® housing and flange, back wired.	-	<b>HBL2710SW</b>	<b>HBL2720SW</b>

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

IP20 SUITABILITY

Description	Catalog Number		
Gray Valox® angle housing, one gang, back wired.	-	<b>HBL2710AR</b>	<b>HBL2720AR</b>
Gray Valox® surface mounting, one gang, back wired.	-	<b>HBL2710SR</b>	<b>HBL2720SR</b>
Gray Valox® semi-flush, two gang, back wired.	-	<b>HBL2710SR2</b>	<b>HBL2720SR2</b>



**HBL2710SW**

### Single Flush Receptacles

IP20 SUITABILITY

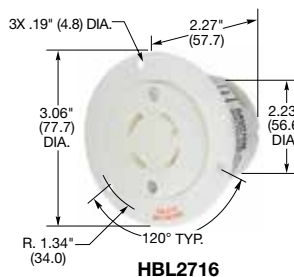
Description	Catalog Number		
Black nylon face, back and side wired.	-	<b>HBL2710</b>	<b>HBL2720</b>
Black nylon face, back and side wired, (Not shown).	<b>HBL2660</b>	-	-
Isolated ground, orange nylon face, back and side wired.	-	<b>IG2710</b>	<b>IG2720</b>
Ring terminal connection.	-	<b>HBL2710RT</b>	<b>HBL2720RT</b>

Note: See page B-54 for accessories.

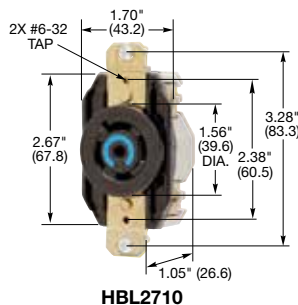
### Insulgrip® Flanged Receptacles

Description	Catalog Number		
Nylon casing, back wired.	-	<b>HBL2716</b>	<b>HBL2726</b>

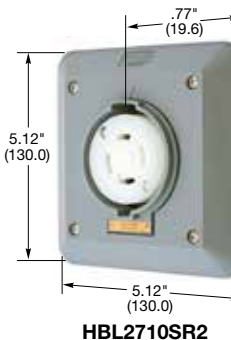
Note: See page B-54 for accessories.



**HBL2716**



**HBL2710**



**HBL2710SR2**



**HBL2710SR**

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Dimensions in Inches (mm)

**30 Amp, 3Ø 480 and 3Ø 600 Volts AC  
3 Pole, 4 Wire, Grounding**



**HBL2731SW**



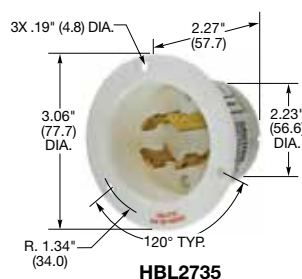
**HBL2731S**



**HBL2731**



**HBL2735SW**



**HBL2735**

Dimensions in Inches (mm)

## Plugs

### Watertight Safety-Shroud®

Description	Cord Dia.	Catalog Number
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2731SW</b> <b>HBL2741SW</b>

### Safety-Shroud®

Description	Cord Dia.	Catalog Number
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.350"-1.150" (9-29)	<b>HBL2731S</b> <b>HBL2741S</b>

Note: See page B-42 for accessories.

### Insulgrip®

Description	Cord Dia.	Catalog Number
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2731</b> <b>HBL2741</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL27CM31</b> <b>HBL27CM41</b>

Note: See page B-54 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

Description	Catalog Number
Gray Valox® housing and flange.	<b>HBL2735SW</b> <b>HBL2745SW</b>

Note: See page B-56 for accessories.

### Insulgrip®

Description	Catalog Number
Nylon casing, back wired.	<b>HBL2735</b> <b>HBL2745</b>

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.



30A 3Ø 480V AC  
NEMA L16-30P  
10 HP



30A 3Ø 600V AC  
NEMA L17-30P

**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-43.



Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



**30 Amp, 3Ø 480 and 3Ø 600 Volts AC  
3 Pole, 4 Wire, Grounding**



**30A 3Ø 480V AC  
NEMA L16-30R  
10 HP**

**30A 3Ø 600V AC  
NEMA L17-30R**

## Connector Bodies

### Watertight Safety-Shroud®

		IP66 SUITABILITY	UL Type 4x, 12
Description	Cord Dia.	Catalog Number	
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2733SW</b>	<b>HBL2743SW</b>



**HBL2733SW**

### Insulgrip®

		IP20 SUITABILITY	
Description	Cord Dia.	Catalog Number	
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2733</b>	<b>HBL2743</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL27CM33</b>	<b>HBL27CM43</b>



**HBL2733**

Note: See page B-54 for accessories.

## Receptacles

### Watertight Safety-Shroud®

		IP66 SUITABILITY	UL Type 4x, 12
Description		Catalog Number	
Gray Valox® housing and flange, back wired.		<b>HBL2730SW</b>	<b>HBL2740SW</b>

Note: See page B-56 for accessories.

### Safety-Shroud® Twist-Lock®

		IP20 SUITABILITY	
Description		Catalog Number	
Gray Valox® angle housing, one gang, back wired.		<b>HBL2730AR</b>	<b>HBL2740AR</b>
Gray Valox® surface mounting, one gang, back wired.		<b>HBL2730SR</b>	<b>HBL2740SR</b>
Gray Valox® semi-flush, two gang, back wired.		<b>HBL2730SR2</b>	<b>HBL2740SR2</b>



**HBL2730SW**

### Single Flush Receptacles

		IP20 SUITABILITY	
Description		Catalog Number	
Black nylon face, back and side wired.		<b>HBL2730</b>	<b>HBL2740</b>

Note: See page B-54 for accessories.

### Insulgrip® Flanged Receptacles

Description	Catalog Number
Nylon casing, back wired.	<b>HBL2736</b> <b>HBL2746</b>

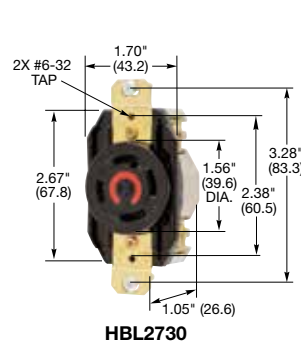
Note: See page B-54 for accessories.



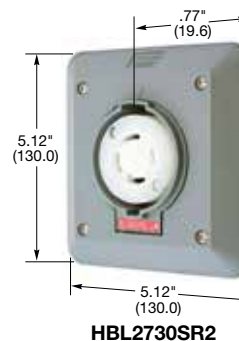
**HBL2730AR**



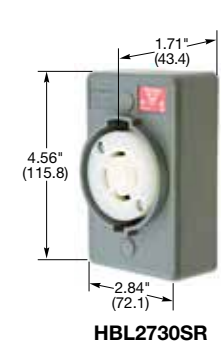
**HBL2736**



**HBL2730**



**HBL2730SR2**



**HBL2730SR**

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Dimensions in Inches (mm)

**30 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC**  
**4 Pole, 5 Wire, Grounding**



**HBL2811SW**



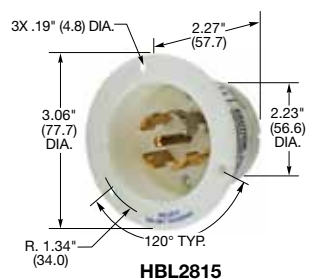
**HBL2811S**



**HBL2811**



**HBL2815SW**



**HBL2815**



**30A 3ØY**  
**120/208V AC**  
**NEMA L21-30P**  
**3 HP**



**30A 3ØY**  
**240/415V AC**  
**NEMA L26-30P**



**30A 3ØY**  
**277/480V AC**  
**NEMA L22-30P**  
**10 HP**



**30A 3ØY**  
**347/600V AC**  
**NEMA L23-30P**

## Plugs

### Watertight Safety-Shroud®

IP66 SUITABILITY      UL Type 4x, 12

Description	Cord Dia.	Catalog Number
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2811SW</b> <b>HBL2801</b> <b>HBL2821SW</b> <b>HBL2831SW</b>

### Safety-Shroud®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number
Black and white nylon body, white Valox® shroud. Can be used with the Insulgrip Connector Bodies.	.350"-1.150" (9-29)	<b>HBL2811S</b> -   -   -

Note: See page B-54 for accessories.

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2811</b> - <b>HBL2821</b> <b>HBL2831</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL28CM11</b> -   -   -
Black and white for flat cable.	.350"-1.150" (9-29)	<b>HBL2811FC</b> -   -   -
All black nylon.	.350"-1.150" (9-29)	<b>HBL2811BK</b> -   -   -

Note: See page B-54 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

IP66 SUITABILITY      UL Type 4x, 12

Description	Catalog Number
Gray Valox® housing and flange.	<b>HBL2815SW</b> <b>HBL2805</b> -   -

Note: See page B-56 for accessories.

### Insulgrip®

IP20 SUITABILITY

Description	Catalog Number
Nylon casing, back wired.	<b>HBL2815</b> - <b>HBL2825</b> <b>HBL2835</b>

Note: See page B-54 for accessories.

See pages B-71 and B-72 for technical information on Twist-Lock and Watertight Safety-Shroud devices.

## Twist-Lock® 3-Phase Circuit Tester



Description	Rating	Catalog Number
3-Phase Circuit Tester	3Ø 120/208V AC Min. Voltage: 90V AC	<b>HBL3PT2811</b> -   -   -

Note: Testers in other NEMA configurations can be developed upon request.

See page B-55 for additional circuit testers.



**HBL3PT2811**

**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-43.



Dimensions in Inches (mm)

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

## 30 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC 4 Pole, 5 Wire, Grounding



30A 3ØY  
120/208V AC  
NEMA L21-30R  
3 HP



30A 3ØY  
240/415V AC  
NEMA L26-30R



30A 3ØY  
277/480V AC  
NEMA L22-30R  
10 HP



30A 3ØY  
347/600V AC  
NEMA L23-30R

### Connector Bodies

#### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Cord Dia.	Catalog Number			
Black Valox® housing, white Valox® clamps.	.350"-1.150" (9-29)	<b>HBL2813SW</b>	<b>HBL2803</b>	<b>HBL2823SW</b>	-

#### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number			
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2813</b>	-	<b>HBL2823</b>	<b>HBL2833</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL28CM13</b>	-	-	-
Black and white for flat cable.	.350"-1.150" (9-29)	<b>HBL2813FC</b>	-	-	-
All black nylon.	.350"-1.150" (9-29)	<b>HBL2813BK</b>	-	-	-

Note: See page B-54 for accessories.



**HBL2813SW**



**HBL2813**

### Receptacles

#### Watertight Safety-Shroud®

IP66 SUITABILITY

UL Type 4x, 12

Description	Catalog Number			
Gray Valox® housing and flange, back wired.	<b>HBL2810SW</b>	-	<b>HBL2820SW</b>	<b>HBL2830SW</b>

Note: See page B-56 for accessories.

#### Safety-Shroud® Twist-Lock®

IP20 SUITABILITY

Description	Catalog Number			
Gray Valox® angle housing, one gang, back wired.	<b>HBL2810AR</b>	-	-	-
Gray Valox® surface mounting, one gang, back wired.	<b>HBL2810SR</b>	-	-	-
Gray Valox® semi-flush, two gang, back wired.	<b>HBL2810SR2</b>	-	-	-

#### Single Flush Receptacles

IP20 SUITABILITY

Description	Catalog Number			
Black nylon face, back and side wired.	<b>HBL2810</b>	<b>HBL2800</b>	<b>HBL2820</b>	<b>HBL2830</b>
Isolated ground, orange nylon face, back and side wired.	<b>IG2810</b>	-	-	-
Ring terminal connection.	<b>HBL2810RT</b>	-	-	-

Note: See page B-54 for accessories.



**HBL2810SW**



**HBL2810AR**



**HBL2810SR**

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.

Dimensions in Inches (mm)

**30 Amp, 3ØY 120/208, 277/480 and 347/600 Volts AC  
4 Pole, 4 Wire, Non-Grounding**

**IP20**  
SUITABILITY



**30A 3ØY 120/208V AC  
NEMA L18-30P  
3 HP**

**30A 3ØY 277/480V AC  
NEMA L19-30P  
10 HP**

**30A 3ØY 347/600V AC  
NEMA L20-30P**

## Plugs

Description	Cord Dia.	Catalog Number
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2751</b> <b>HBL2761</b> <b>HBL2771</b>

*Note: See page B-55 for accessories.*

## Flanged Inlets

Description	Catalog Number
Nylon casing, back wired.	<b>HBL2755</b> <b>HBL2765</b> <b>HBL2775</b>

*Note: See page B-54 for accessories.*

**IP20**  
SUITABILITY



**30A 3ØY 120/208V AC  
NEMA L18-30R  
3 HP**

**30A 3ØY 277/480V AC  
NEMA L19-30R  
10 HP**

**30A 3ØY 347/600V AC  
NEMA L20-30R**

## Connector Bodies

Description	Cord Dia.	Catalog Number
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2753</b> <b>HBL2763</b> <b>HBL2773</b>

*Note: See page B-54 for accessories.*

## Single Flush Receptacles

Description	Catalog Number
Black nylon face, back and side wired.	<b>HBL2750</b> <b>HBL2760</b> <b>HBL2770</b>

*Note: See page B-54 for accessories.*

## Flanged Receptacles

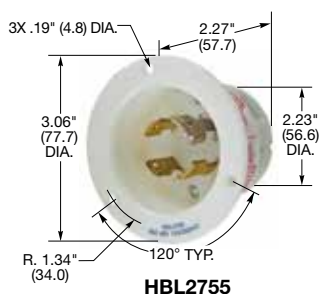
Description	Catalog Number
Nylon casing, back wired.	<b>HBL2756</b> <b>HBL2766</b> <b>HBL2776</b>

*Note: See page B-54 for accessories.*

*See page B-71 for technical information on Twist-Lock devices.*



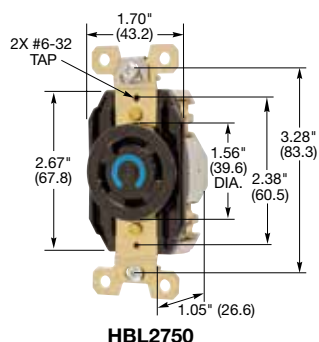
**HBL2751**



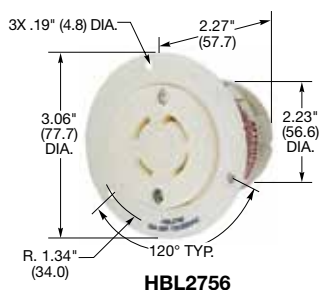
**HBL2755**



**HBL2753**



**HBL2750**



**HBL2756**

*Dimensions in Inches (mm)*

## 30 Amp, 480 and 600 Volts AC 2 Pole, 3 Wire, Grounding

**IP20**  
SUITABILITY



### Plugs

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.325"-.930" (8.25-24)	<b>HBL2601</b>	<b>HBL2641</b>	<b>HBL2651</b>

Note: See page B-54 for accessories.

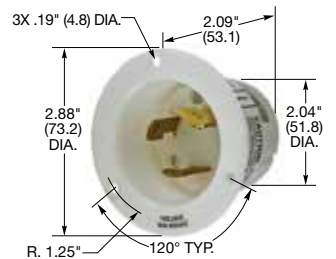


**HBL2651**

### Flanged Inlets

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2605</b>	<b>HBL2645</b>	<b>HBL2655</b>

Note: See page B-54 for accessories.



**HBL2655**

### Connector Bodies

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.325"-.930" (8.25-24)	<b>HBL2603</b>	<b>HBL2643</b>	<b>HBL2653</b>

Note: See page B-54 for accessories.



**HBL2653**

### Single Flush Receptacles

Description	Catalog Number		
Black nylon face, back and side wired.	<b>HBL2600</b>	<b>HBL2640</b>	<b>HBL2650</b>

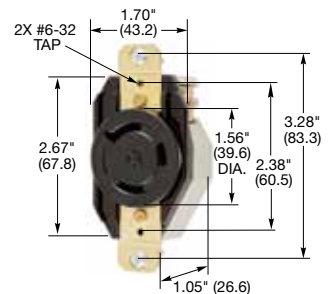
Note: See page B-54 for accessories.

### Flanged Receptacles

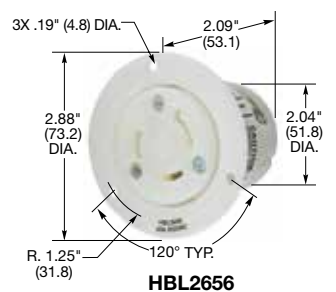
Description	Catalog Number		
Nylon casing, back wired.	-	<b>HBL2646</b>	<b>HBL2656</b>

Note: See page B-54 for accessories.

See page B-71 for technical information on Twist-Lock devices.



**HBL2650**



**HBL2656**

Dimensions in Inches (mm)