

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 restyled cord grips provide a clean, one-piece look, and actually make 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

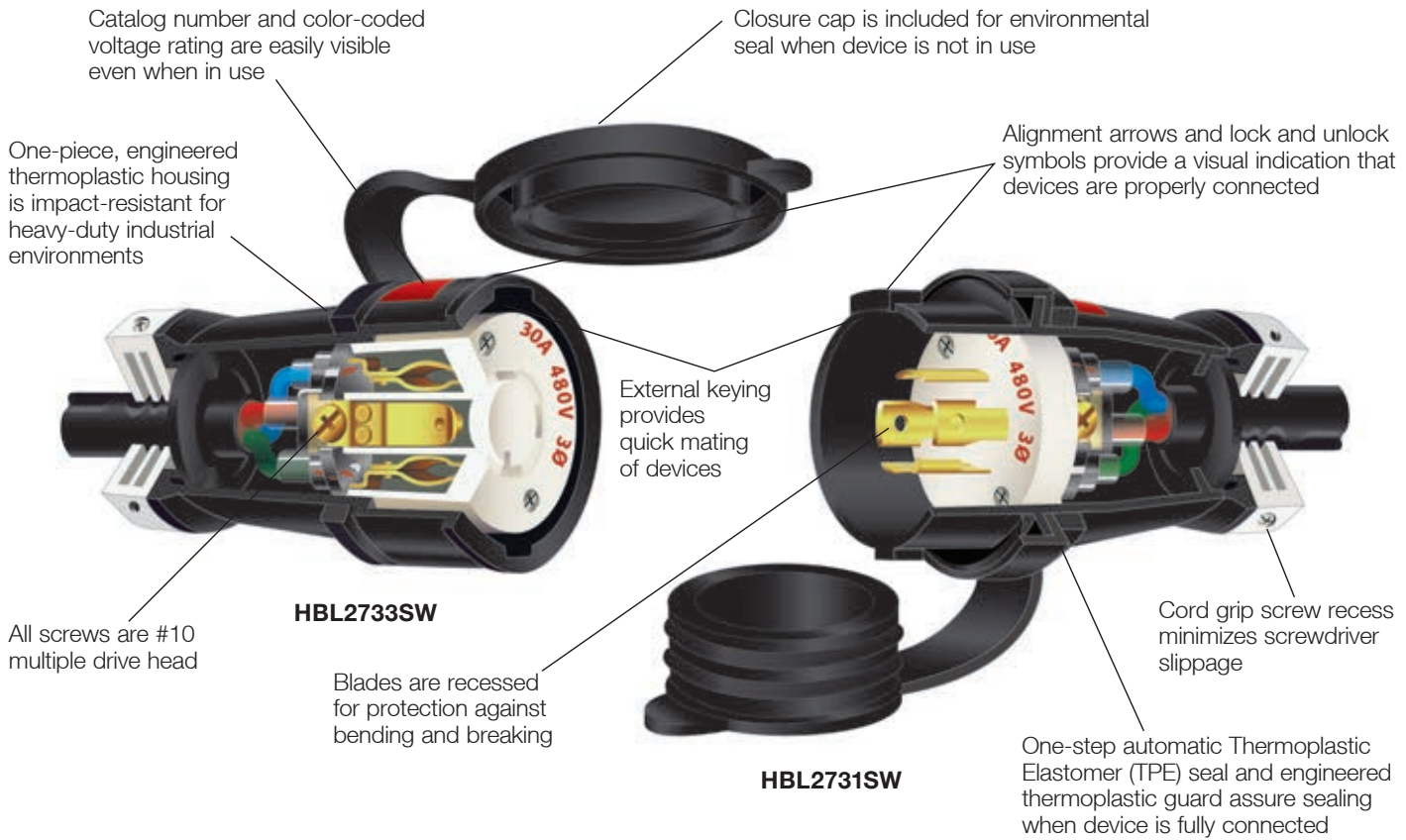
to the blade configuration, eliminating holes that attract debris. And finally, our dust shield provides additional protection from contamination.

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.

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

Features and Benefits



Note: Works with Mechanical Interlocks, see page B-39 for additional information.



### TPE Gland Seal

Assorted glands accommodate a wide range of cord sizes from #16-3 Type SJ to #8-5 Type S, SO



### Panel or Box Mount Receptacles and Inlets

- High impact, thermoplastic housing for heavy-duty industrial environments.
- Catalog number and color-coded voltage rating are easily visible when in use.
- Stainless Steel 302/304, #10 multiple drive head mounting screws provide corrosion resistance.
- Mounting screw recesses minimize screwdriver slippage.
- Lockout/tagout hole on inlets allow compliance to OSHA regulation 29 CFR 1910.147.
- TPE closure cap provided with inlets for environmental seal when not in use.
- Accepts all mating NEMA locking plugs and most connector bodies, allowing interchangeability with existing devices.



### Spring-Loaded Cover

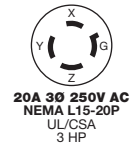
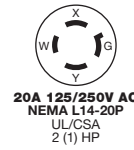
One-step push-to-close spring-loaded cover with latch allows for fast opening and closing of lift cover. Result: environmental sealing is assured



### Safety-Shroud

- 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.
- Sealing gland and thermoplastic guard assure sealing when fully connected.





## 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>HBL2411SW</b>	<b>HBL2421SW</b>	<b>HBL2431SW</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>HBL2411S</b>	<b>HBL2421S</b>	<b>HBL2431S</b>

Note: See page B-40 for accessories.

### Insulgrip®

IP20 SUITABILITY

Description	Cord Dia.	Catalog Number		
Black and white nylon.	.350"-1.150" (9-29)	<b>HBL2411</b>	<b>HBL2421</b>	<b>HBL2431</b>
Corrosion resistant, yellow nylon.	.350"-1.150" (9-29)	<b>HBL24CM11</b>	<b>HBL24CM21</b>	<b>HBL24CM31</b>
All black nylon.	.350"-1.150" (9-29)	<b>HBL2411BK</b>	-	-

Note: See page B-53 for accessories.

## Flanged Inlets

### Watertight Safety-Shroud®

IP66 SUITABILITY    UL Type 4x, 12

Description	Catalog Number		
Gray Valox® housing and flange.	<b>HBL2415SW</b>	<b>HBL2425SW</b>	<b>HBL2435SW</b>

Note: See page B-54 for accessories.

### Insulgrip®

IP20 SUITABILITY

Description	Catalog Number		
Nylon casing, back wired.	<b>HBL2415</b>	<b>HBL2425</b>	<b>HBL2435</b>

Note: See page B-52 for accessories.

See pages B-69 and B-70 for technical information on Twist-Lock and Watertight Safety-Shroud devices.



**HBLMITL** - For use with Watertight Safety-Shroud receptacles, see page B-39.