



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-41 for additional information.



HBL2611S



HBL2610SR



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



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

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

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

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



HBL2421SW



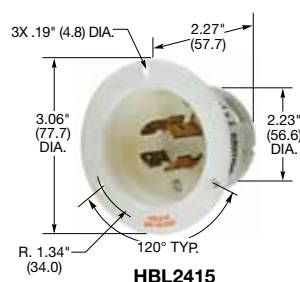
HBL2421S



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)	HBL2411SW	HBL2421SW	HBL2431SW

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)	HBL2411S	HBL2421S

Note: See page B-52 for accessories.

Insulgrip®

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

Note: See page B-52 for accessories.

Flanged Inlets

Watertight Safety-Shroud®

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

Note: See page B-54 for accessories.

Insulgrip®

Description	Catalog Number	IP20 SUITABILITY
Nylon casing, back wired.	HBL2415	HBL2425

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-41.



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



Mechanical Interlock Switched Safety Enclosures



UL Listed, CSA Certified TYPE 4,
4X and TYPE 12K Enclosure Rating

IP66
SUITABILITY

Mechanical Interlock Ready for Twist-Lock® Receptacle Addition

This unit is a complete enclosure ready to accept any 20 or 30A Watertight Safety-Shroud Twist-Lock Receptacle.

Description	Ratings	Catalog Number
Mechanical Interlock accommodates 20A or 30A Watertight Safety-Shroud Twist-Lock receptacles.	Amperage and voltage ratings will be determined by the choice of the Watertight Safety-Shroud Twist-Lock selected. Supplied with 3/4" NPT Hub.	HBLMITL

Accepts the following Watertight Safety-Shroud® Twist-Lock® Receptacles: 20 Amp

Rating	Voltage AC	NEMA Config.	Max. HP Rating*	Receptacle Catalog Number	Use Watertight Safety-Shroud Twist-Lock Plug
2 Pole, 3 Wire	120	L5-20	1	HBL2310SW	HBL2311SW
	208-240	L6-20	2.5	HBL2320SW	HBL2321SW
	277	L7-20	3	HBL2330SW	HBL2331SW
3 Pole, 4 Wire	120/240	L14-20	2.5	HBL2410SW	HBL2411SW
	240 3Ø	L15-20	5 (3@208V)	HBL2420SW	HBL2421SW
	480 3Ø	L16-20	10	HBL2430SW	HBL2431SW
4 Pole, 5 Wire	120/208 3ØY	L21-20	3	HBL2510SW	HBL2511SW

30 Amp

2 Pole, 3 Wire	120	L5-30	1	HBL2610SW	HBL2611SW
	208-240	L6-30	3	HBL2620SW	HBL2621SW
3 Pole, 4 Wire	120/240	L14-30	3	HBL2710SW	HBL2711SW
	240 3Ø	L15-30	7.5	HBL2720SW	HBL2721SW
	480 3Ø	L16-30	15	HBL2730SW	HBL2731SW
	600 3Ø	L17-30	15	HBL2740SW	HBL2741SW
4 Pole, 5 Wire	120/208 3ØY	L21-30	7.5	HBL2810SW	HBL2811SW
	277/480	L22-30	7.5	HBL2820SW	HBL2821SW
	347/600	L23-30	7.5	HBL2830SW	HBL2831SW

30 Amp Reverse Service

2 Pole, 3 Wire	120	L5-30	1	HBL2615SWR	HBL2613SR
3 Pole, 4 Wire	120/240	L14-30	3	HBL2715SWR	HBL2713SR
3 Pole, 4 Wire	240 3Ø	L15-30	7.5	HBL2725SWR	HBL2723SR

Auxiliary Contacts

Description	Ratings	Catalog Number
Auxiliary contact.	"Break After Main Break", 1 set of n/o contacts, 1 set of n/c contacts.	HBLAC1
Auxiliary contact.	"Break Before Main Break", 1 set of n/o contacts.	HBLAC2

Replacement Parts

Description	Catalog Number
Ground block.	HBL30RGB
Neutral block.	HBL30RNB
Replacement switch.	HBLDS3RS

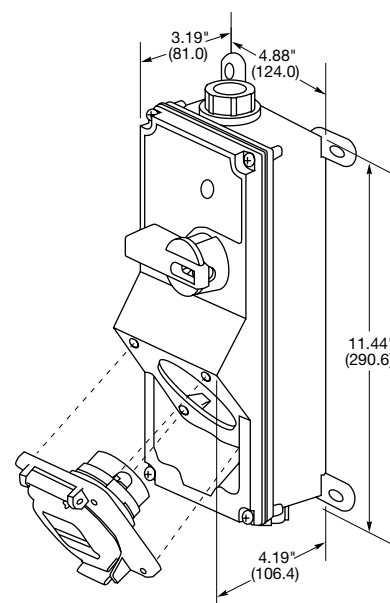
Replacement Mounting Feet

Description	Catalog Number
For 30A switches.	HBLRFT1^Δ

Note: *HP ratings for the final unit are determined by the HP rating of the switch, limited by the full load current capability of the receptacle at 80% of rated current, number of phases and line voltage. HP ratings listed above are AC only.

^ΔPackage of 10 feet and 10 screws.

See page B-73 for technical information on Mechanical Interlock Enclosures.



HBLMITL



HBL2620SW



HBL2713SR



HBLAC1



HBLAC2



HBL30RGB



HBL30RNB



HBLRFT1

Dimensions in Inches (mm)