

# Pin and Sleeve Devices/Mechanical Interlocks

## Typical Specifications

Manufacturer's Identification	Hubbell HBL430MI7W
Description	Circuit-Lock® Pin and Sleeve Mechanical Interlock
Electrical Type	3 Pole + Earth
Rating	30A, 480V AC, 3 Phase
Configuration	IEC 60309-2, UL1686 C2, Clock position 7
Enclosure Type	Indoor and Outdoor - 4X (Watertight, Washdown); Indoor - 12 (Dust-tight, Falling Dirt and Noncorrosive Liquids)
Ingress Protection	IP67 Suitability
Enclosure Material	Non-metallic, enclosure suitable for metallic conduit
Certification	UL Listed, CSA Certified

*Note: This device provides on/off switched control of a plug connected load and includes an interlocking feature to prevent the plug from being disconnected while the receptacle is energized. The switch cannot be turned "ON" until the plug is inserted properly, and the plug cannot be removed until the switch is turned "OFF."*

## Materials

Part	Material	Part	Material
Base	PBT	Top	PBT
Handle	PBT	Conduit Hub	Zinc
Enclosure Gasket	Neoprene	Shaft	PBT
Shaft Seal	Neoprene	Ground Plate	Galvanized Steel
Enclosure Screws	Stainless Steel 300 Series	Enclosure Inserts	Brass
Hinge Pins	Nickel Plated Brass	Hinge Spring	Stainless Steel 300 Series

## Performance

Electrical	
Dielectric Voltage	Withstands 3,000V AC Min.
Max. Working Voltage	600V AC RMS.
Current Interrupting	Certified for current interrupting at full rated current and voltage.
Short Circuit Withstand Rating	Suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes at the voltage rating of the receptacle. 20A and 30A models: Suitable for use on a circuit capable of delivering not more than 65,000 RMS symmetrical amperes, 600V when protected by class "J" fuses rated 30A.
Operations	Mechanical 10,000 cycles, electrical 6,000 cycles.

Mechanical	
Impact Resistance	In accordance with UL 746C.
Terminal Identification	In accordance with UL, CSA and international conventions.
Product Identification	Identification and ratings are part of the external label and molded into the receptacle mount.
Mounting	External adjustable feet.

Environmental	
Moisture Resistance	Indoor and Outdoor - 4X (Watertight, Washdown); Indoor - 12 (Dust-tight, Falling Dirt and Noncorrosive Liquids).
Ingress Protection	IP69K Suitability.
Flammability	UL94-5VA and V-0 Classification.
Operating Temperature	Max. Continuous +75°C; Min. Continuous -40°C.
UV Resistance	All materials are UV stabilized.

## Horsepower Ratings

Amps	AC Voltage Rating	Horsepower	Mechanical Interlock	Mating Plug
20	120/240V AC	2	<b>HBL420MI12W</b>	<b>HBL420P12W</b>
20	3Ø 240V AC	5	<b>HBL420MI9W</b>	<b>HBL420P9W</b>
20	3Ø 480V AC	10	<b>HBL420MI7W</b>	<b>HBL420P7W</b>
20	3Ø 600V AC	10	<b>HBL420MI5W</b>	<b>HBL420P5W</b>
30	120V AC	2	<b>HBL330MI4W</b>	<b>HBL330P4W</b>
30	240V AC	3 (208-240V AC)	<b>HBL330MI6W</b>	<b>HBL330P6W</b>
30	480V AC	7.5	<b>HBL330MI7W</b>	<b>HBL330P7W</b>
30	120/240V AC	3 (208-240V AC)	<b>HBL430MI12W</b>	<b>HBL430P12W</b>
30	3Ø 600V AC	20	<b>HBL430MI5W</b>	<b>HBL430P5W</b>
30	3Ø 480V AC	15	<b>HBL430MI7W</b>	<b>HBL430P7W</b>
30	3Ø 250V AC	7.5	<b>HBL430MI9W</b>	<b>HBL430P9W</b>
30	3ØY 347/600V AC	20	<b>HBL530MI5W</b>	<b>HBL530P5W</b>
30	3ØY 277/480V AC	15	<b>HBL530MI7W</b>	<b>HBL530P7W</b>
30	3ØY 120/208V AC	5	<b>HBL530MI9W</b>	<b>HBL530P9W</b>
32	380V AC 50Hz – 440V AC 60Hz	15 (440V AC 3Ø 60Hz)	<b>HBL432MI3W</b>	<b>HBL432P3W</b>
60	120V AC	3	<b>HBL360MI4W</b>	<b>HBL360P4W</b>
60	240V AC	7.5 (208-240V AC)	<b>HBL360MI6W</b>	<b>HBL360P6W</b>
60	480V AC	20	<b>HBL360MI7W</b>	<b>HBL360P7W</b>
60	120/240V AC	7.5 (208-240V AC)	<b>HBL460MI12W</b>	<b>HBL460P12W</b>
60	3Ø 600V AC	40	<b>HBL460MI5W</b>	<b>HBL460P5W</b>
60	3Ø 480V AC	30	<b>HBL460MI7W</b>	<b>HBL460P7W</b>
60	3Ø 250V AC	15	<b>HBL460MI9W</b>	<b>HBL460P9W</b>
60	3ØY 347/600V AC	40	<b>HBL560MI5W</b>	<b>HBL560P5W</b>
60	3ØY 277/480V AC	30	<b>HBL560MI7W</b>	<b>HBL560P7W</b>
60	3ØY 120/208V AC	15	<b>HBL560MI9W</b>	<b>HBL560P9W</b>
100	240V AC	15 (10 @ 208V AC)	<b>HBL3100MI6W</b>	<b>HBL3100P6W</b>
100	120/240V AC	15	<b>HBL4100MI12W</b>	<b>HBL4100P12W</b>
100	3Ø 600V AC	50	<b>HBL4100MI5W</b>	<b>HBL4100P5W</b>
100	3Ø 480V AC	50	<b>HBL4100MI7W</b>	<b>HBL4100P7W</b>
100	3Ø 250V AC	25 (208-240V AC)	<b>HBL4100MI9W</b>	<b>HBL4100P9W</b>
100	3ØY 120/208V AC	20	<b>HBL5100MI9W</b>	<b>HBL5100P9W</b>