### **Features and Benefits**



### Unfused Circuit-Lock® Pin and Sleeve Mechanical Interlocks

The National Electrical Code (NEC®) requires a separate disconnect means within sight of all motor loads. The NEC requires the disconnecting means in a motor-circuit be listed as "Suitable as Motor Disconnect" if the motor is rated greater than 2 HP.

Hubbell's revolutionary Circuit-Lock interlock incorporates the disconnect switch and receptacle in one compact, non-metallic and economical unit. Removing the plug and locking it out provides a visual means of verifying equipment has been disconnected. All Circuit-Lock mechanical interlocks can be locked out as a method of compliance with the OSHA Lockout/Tagout regulation.

The switch cannot be turned ON until the plug is completely engaged, and the plug cannot be removed until the switch is turned OFF. At the same time, it eliminates the possibility of making or breaking the circuit under load or making a casual or "lazy" connection. The non-metallic enclosure can be connected to the metallic conduit and not interfere with the ground continuity.

In addition, these horsepower rated units are durable, watertight and easy to install. And they are compatible with IEC 60309-2 plugs. These Circuit-Lock units are available in 20, 30, 60 and 100A models, and in 3, 4 and 5 wire configurations that are designed to the IEC 60309-1 and 60309-2 standards.

Hubbell's Circuit-Lock Mechanical Interlocks are also available in "Reverse Service" versions. These units incorporate the disconnect switch and reverse service receptacle (inlet) in one compact, non-metallic and economical unit. These units are available in 30, 60 and 100A models, 4 wire configurations.





### Housing Design

- Insulated non-metallic housing, super tough, non-conductive and chemical resistant for heavy duty industrial environments
- IEC pin and sleeve devices are color coded by voltage for easy identification
- Self-closing gasketed cover, detents into position to fully close automatically



### Interior Design

- Large gears enclosed in a gear box assembled on one plane to eliminate possible gear jumping
- Horsepower rated disconnect switch handles large motor loads
- DIN rail mounted switch for easy installation and replacement



#### Safety

- Lockable handle to meet OSHA Lockout/Tagout regulations
- Two-stage interlocking mechanism to help defeat tampering
- Watertight conduit hub and grounding plate for use on metallic conduit (IP67 suitability)



#### Liftcover

- Replaceable spring-loaded liftcover with gasket for a watertight seal
- Pre-wired IEC Pin and Sleeve receptacle
- Reverse service has dependable solid brass pins for longer life and reliable electrical contact



### Identification

 Color coded rating pad and receptacle mount to signify voltage



### Installation

- Comes with brass inserts and stainless steel screws for higher torque and better sealing
- Three molded-in conduit drill points are located on top, bottom and back surface of enclosure
- Adjustable mounting feet are ductile to allow mounting on irregular surfaces

NEC® is a registered trademark of the National Fire Protection Association (NFPA).



IP67

Enclosure Type 4X, 12

Policy   P									UITABILITY	ciosure Type 4X, 12
Ample   Marine   M			F	Rating			Unfused Circuit	-Lock® Devices	Reverse	Service
20	Amno	and			AC Voltago		Machanian Interlack	Meting Plug	Machanian Interlegic	Mating Plug
SP 4W										- Wating Flug
SP 4W	20					=			<del>-</del>	<del>-</del>
3P 4W		3P 4W				_	HBL420MI9W	HBL420P9W	_	
2P 3W		3P 4W			3Ø 480V		HBL420MI7W	HBL420P7W	_	_
2P 3W         ②         240V         HBL330Mi6W         HBL330P6W         —         —           2P 3W         ③         480V         HBL330Mi7W         HBL330P7W         —         —           3P 4W         ③         120°240V         HBL430Mi12W         HBL430P12W         —         —           3P 4W         ③         30°240V         HBL430Mi9W         HBL430P9W         HBL430Mi9WR         HBL430P9WR           3P 4W         ⑥         30°480V         HBL430Mi5W         HBL430P7W         HBL430Mi5WR         HBL430P5WR           4P 5W         ⑥         30°480V         HBL430Mi5W         HBL430P5W         HBL430P5WR           4P 5W         ⑥         30°7477480V         HBL530Mi5W         HBL430P5W         HBL430P5WR           4P 5W         ⑥         30°7477480V         HBL530Mi5W         HBL530P7W         —         —           4P 5W         ⑥         30°7477480V         HBL530Mi5W         HBL530P5W         —         —           4P 5W         ⑥         30°7477480V         HBL360Mi5W         HBL32P3W         —         —           4P 3W         ⑥         380V 50H2         HBL360Mi6W         HBL360P6W         —         —           4P 3W <t< th=""><th></th><th>3P 4W</th><th></th><th></th><th>3Ø 600V</th><th></th><th>HBL420MI5W</th><th>HBL420P5W</th><th>_</th><th>_</th></t<>		3P 4W			3Ø 600V		HBL420MI5W	HBL420P5W	_	_
2P 3W         ③         480V         HBL330MI7W         HBL330P7W         —         —           3P 4W         ③         120/240V         HBL430MI12W         HBL430P9W         —         —           3P 4W         ⑥         30 240V         HBL430MI9W         HBL430P9W         HBL430MI9WR         HBL430P9WR           3P 4W         ⑥         30 480V         HBL430MI5W         HBL430P7W         HBL430MI5WR         HBL430P5WR           3P 4W         ⑥         30 600V         HBL430MI5W         HBL430P5W         HBL430MI5WR         HBL430P5WR           4P 5W         ⑥         30 7 120/208V         HBL530MI5W         HBL530P5W         —         —           4P 5W         ⑥         30 7 347600V         HBL530MI5W         HBL530P5W         —         —           4P 5W         ⑥         30 7 347600V         HBL530MI5W         HBL30P5W         —         —           4P 5W         ⑥         30 7 347600V         HBL530MI6W         HBL30P5W         —         —           4P 5W         ⑥         30 7 347600V         HBL360MI6W         HBL360P5W         —         —           4P 5W         ⑥         30 7 347600V         HBL360MI6W         HBL360P5W         —         —	30	2P 3W		<u> </u>	120V		HBL330MI4W	HBL330P4W	_	<del>-</del>
SP 4W		2P 3W		$\odot$	240V		HBL330MI6W	HBL330P6W	_	_
SP 4W		2P 3W		<b>③</b>	480V		HBL330MI7W	HBL330P7W	_	<del>-</del>
SP 4W		3P 4W			120/240V		HBL430MI12W	HBL430P12W	_	_
3P 4W		3P 4W			3Ø 240V		HBL430MI9W	HBL430P9W	HBL430MI9WR	HBL430P9WR
4P 5W         ③         30Y 120/208V         HBL530MI9W         HBL530P9W         —         —           4P 5W         ⑥         30Y 277/480V         HBL530MI7W         HBL530P7W         —         —           4P 5W         ⑥         30Y 347/600V         HBL530MI5W         HBL530P5W         —         —           4P 5W         ⑥         380V 50H2/2         HBL432MI3W         HBL432P3W         —         —           4P 5W         ⑥         120V         HBL360MI4W         HBL360P4W         —         —           4P 3W         ⑥         120V         HBL360MI6W         HBL360P6W         —         —           4P 3W         ⑥         480V         HBL360MI7W         HBL360P7W         —         —           3P 4W         ⑥         120/240V         HBL460MI12W         HBL460P12W         HBL460MI9WR         HBL460P12WR           3P 4W         ⑥         30 240V         HBL460MI9W         HBL460P9W         HBL460MI7WR         HBL460P9WR           3P 4W         ⑥         30 480V         HBL460MI5W         HBL460P9W         HBL460MI5WR         HBL460P9WR           4P 5W         ⑥         30Y 120/208V         HBL560MI9W         HBL560P5W         —         — <th></th> <th>3P 4W</th> <th></th> <th></th> <th>3Ø 480V</th> <th></th> <th>HBL430MI7W</th> <th>HBL430P7W</th> <th>HBL430MI7WR</th> <th>HBL430P7WR</th>		3P 4W			3Ø 480V		HBL430MI7W	HBL430P7W	HBL430MI7WR	HBL430P7WR
4P 5W         ③         30Y 120/208V         HBL530MI9W         HBL530P9W         —         —           4P 5W         ⑥         30Y 277/480V         HBL530MI7W         HBL530P7W         —         —           4P 5W         ⑥         30Y 347/600V         HBL530MI5W         HBL530P5W         —         —           4P 5W         ⑥         380V 50H2/2         HBL432MI3W         HBL432P3W         —         —           4P 5W         ⑥         120V         HBL360MI4W         HBL360P4W         —         —           4P 3W         ⑥         120V         HBL360MI6W         HBL360P6W         —         —           4P 3W         ⑥         480V         HBL360MI7W         HBL360P7W         —         —           3P 4W         ⑥         120/240V         HBL460MI12W         HBL460P12W         HBL460MI9WR         HBL460P12WR           3P 4W         ⑥         30 240V         HBL460MI9W         HBL460P9W         HBL460MI7WR         HBL460P9WR           3P 4W         ⑥         30 480V         HBL460MI5W         HBL460P9W         HBL460MI5WR         HBL460P9WR           4P 5W         ⑥         30Y 120/208V         HBL560MI9W         HBL560P5W         —         — <th></th> <th>3P 4W</th> <th></th> <th><b>(3)</b></th> <th>3Ø 600V</th> <th></th> <th>HBL430MI5W</th> <th>HBL430P5W</th> <th>HBL430MI5WR</th> <th>HBL430P5WR</th>		3P 4W		<b>(3)</b>	3Ø 600V		HBL430MI5W	HBL430P5W	HBL430MI5WR	HBL430P5WR
4P 5W ② ③ 30Y 277/480V ■ HBL530MI7W HBL530P7W − − −  4P 5W ② ③ 30Y 347/600V ■ HBL530MI5W HBL530P5W − −  32 3P 4W ② ⑤ 360Y 50HZ-440V 60HZ ■ HBL432MI3W HBL432P3W − −  4P 5W ② ① 120V ■ HBL360MI4W HBL360P4W − −  2P 3W ② ① 240V ■ HBL360MI6W HBL360P6W − −  3P 4W ② ① 120/240V ■ HBL460MI12W HBL460P12W HBL460MI12WR HBL460P12WR  3P 4W ② ① 30 240V ■ HBL460MI12W HBL460P9W HBL460MI7WR HBL460P9WR  3P 4W ② ① 30 480V ■ HBL460MI5W HBL460P9W HBL460MI7WR HBL460P9WR  3P 4W ③ ① 30 480V ■ HBL460MI5W HBL460P9W HBL460MI7WR HBL460P9WR  4P 5W ② ③ 30Y 120/226V ■ HBL460MI5W HBL460P9W HBL460MI5WR HBL460P5WR  4P 5W ③ ③ 30Y 120/208V ■ HBL560MI9W HBL560P9W − −  4P 5W ③ ③ 30Y 277/480V ■ HBL560MIFW HBL560P9W − −  4P 5W ③ ① 30Y 347/600V ■ HBL560MI5W HBL560P5W − −  3P 4W ② ① 240V ■ HBL560MI5W HBL560P5W − −  3P 4W ② ① 30Y 347/600V ■ HBL560MI5W HBL50P5W − −  3P 4W ② ① 30Y 347/600V ■ HBL4100MI6W HBL3100P6W − −  3P 4W ② ① 30Y 347/600V ■ HBL4100MI12W HBL4100P12W HBL4100MI12WR HBL4100P12WR  3P 4W ② ① 30Y 340V ■ HBL4100MI12W HBL4100P12W HBL4100MI12WR HBL4100P12WR  3P 4W ② ① 30Y 340V ■ HBL4100MI12W HBL4100P12W HBL4100MI7WR HBL4100P12WR  3P 4W ② ① 30Y 340V ■ HBL4100MI7W HBL4100P7W HBL4100MI7WR HBL4100P7WR  3P 4W ② ① 30Y 340V ■ HBL4100MI7W HBL4100P7W HBL4100MI7WR HBL4100P7WR  3P 4W ② ① 30Y 340V ■ HBL4100MI7W HBL4100P7W HBL4100MI7WR HBL4100P7WR  3P 4W ② ① 30Y 340V ■ HBL4100MI7W HBL4100P7W HBL4100MI7WR HBL4100P7WR		4P 5W			3ØY 120/208V		HBL530MI9W	HBL530P9W	_	_
4P 5W         ③         30Y 347/600V         ■ HBL530MI5W         HBL530P5W         —         —           32         3P 4W         ⑥         380V 50HZ-440V 60Hz         ■ HBL432MI3W         HBL432P3W         —         —           60         2P 3W         ⑥         120V         ■ HBL360MI4W         HBL360P4W         —         —           2P 3W         ⑥         240V         ■ HBL360MI6W         HBL360P6W         —         —           3P 4W         ⑥         3480V         ■ HBL360MI7W         HBL360P7W         —         —           3P 4W         ⑥         120/240V         ■ HBL460MI12W         HBL460P12W         HBL460MI9WR         HBL460P12WR           3P 4W         ⑥         30 240V         ■ HBL460MI9W         HBL460P9W         HBL460MI9WR         HBL460P9WR           3P 4W         ⑥         30 480V         ■ HBL460MI5W         HBL460P5W         HBL460MI5WR         HBL460P5WR           4P 5W         ⑥         30 Y 277/480V         ■ HBL560MI7W         HBL560P5W         —         —           4P 5W         ⑥         30Y 347/600V         ■ HBL560MI5W         HBL560P5W         —         —           4P 5W         ⑥         30Y 347/600V         ■ HBL560MI5W		4P 5W			3ØY 277/480V		HBL530MI7W	HBL530P7W	_	_
S2   3P 4W   ③   ③   380V 50HZ- 440V 60HZ 640HZ 60HZ 60HZ 60HZ 60HZ 60HZ 60HZ 60HZ 6		4P 5W			3ØY 347/600V		HBL530MI5W	HBL530P5W	_	_
60         2P 3W         ②         120V         HBL360MI4W         HBL360P4W         —         —         —           2P 3W         ②         240V         HBL360MI6W         HBL360P6W         —         —           2P 3W         ②         480V         HBL360MI7W         HBL360P7W         —         —           3P 4W         ③         ③         120/240V         HBL460MI12W         HBL460P12W         HBL460MI12WR         HBL460P12WR           3P 4W         ③         ③         3Ø 240V         HBL460MI9W         HBL460P9W         HBL460MI9WR         HBL460P9WR           3P 4W         ③         ③         3Ø 480V         HBL460MI5W         HBL460P7W         HBL460MI9WR         HBL460P5WR           4P 5W         ③         ③         3Ø 480V         HBL560MI9W         HBL560P9W         —         —         —           4P 5W         ⑥         ③         3Ø Y 277/480V         HBL560MI7W         HBL560P9W         —         —         —           4P 5W         ⑥         ④         3Ø Y 347/600V         HBL560MI5W         HBL560P5W         —         —         —           4P 5W         ⑥         ④         3Ø Y 347/600V         HBL3100MI6W         HBL3100P6W	32	3P 4W					HBL432MI3W	HBL432P3W	_	_
2P 3W         ③         480V         HBL360MI7W         HBL360P7W         — </th <th>60</th> <th>2P 3W</th> <th></th> <th></th> <th>120V</th> <th></th> <th>HBL360MI4W</th> <th>HBL360P4W</th> <th>_</th> <th><del></del></th>	60	2P 3W			120V		HBL360MI4W	HBL360P4W	_	<del></del>
3P 4W		2P 3W		<b>©</b>	240V		HBL360MI6W	HBL360P6W	_	_
3P 4W		2P 3W		<b>③</b>	480V		HBL360MI7W	HBL360P7W	_	<del>-</del>
3P 4W         ③         3Ø 480V         ■ HBL460MI7W         HBL460P7W         HBL460MI7WR         HBL460P7WR           3P 4W         ⑥         ③         3Ø 600V         ■ HBL460MI5W         HBL460P5W         HBL460MI5WR         HBL460P5WR           4P 5W         ⑥         ③ØY 120/208V         ■ HBL560MI9W         HBL560P9W         —         —           4P 5W         ⑥         ③ØY 277/480V         ■ HBL560MI7W         HBL560P7W         —         —           4P 5W         ⑥         ③ØY 347/600V         ■ HBL560MI5W         HBL560P5W         —         —           100         2P 3W         ⑥         ②ØY 240V         ■ HBL3100MI6W         HBL3100P6W         —         —           3P 4W         ⑥         ①         120/240V         ■ HBL4100MI12W         HBL4100P12W         HBL4100MI9WR         HBL4100P9WR           3P 4W         ⑥         ③Ø 240V         ■ HBL4100MI9W         HBL4100P7W         HBL4100MI7WR         HBL4100P7WR           3P 4W         ⑥         ③Ø 480V         ■ HBL4100MI5W         HBL4100P5W         HBL4100MI5WR         HBL4100P5WR		3P 4W			120/240V		HBL460MI12W	HBL460P12W	HBL460MI12WR	HBL460P12WR
3P 4W		3P 4W		<b>③</b>	3Ø 240V		HBL460MI9W	HBL460P9W	HBL460MI9WR	HBL460P9WR
4P 5W       ③       3ØY 120/208V       HBL560MI9W       HBL560P9W       -       -         4P 5W       ⑤       3ØY 277/480V       HBL560MI7W       HBL560P7W       -       -         4P 5W       ⑥       3ØY 347/600V       HBL560MI5W       HBL560P5W       -       -         100       2P 3W       ⑥       240V       HBL3100MI6W       HBL3100P6W       -       -         3P 4W       ⑥       120/240V       HBL4100MI12W       HBL4100P12W       HBL4100MI9WR       HBL4100MI9WR       HBL4100MI9WR       HBL4100MI9WR       HBL4100MI9WR       HBL4100MI7WR       HBL4100MI7WR       HBL4100MI7WR       HBL4100MI7WR       HBL4100MI7WR       HBL4100MI5WR       HBL4100P5WR		3P 4W		$\odot$	3Ø 480V		HBL460MI7W	HBL460P7W	HBL460MI7WR	HBL460P7WR
4P 5W       ⑤       3ØY 277/480V       ■ HBL560MI7W       HBL560P7W       -       -       -         4P 5W       ⑥       3ØY 347/600V       ■ HBL560MI5W       HBL560P5W       -       -       -         100       2P 3W       ⑥       240V       ■ HBL3100MI6W       HBL3100P6W       -       -       -         3P 4W       ⑥       120/240V       ■ HBL4100MI12W       HBL4100P12W       HBL4100MI12WR       HBL4100MI12WR       HBL4100P9WR         3P 4W       ⑥       3Ø 240V       ■ HBL4100MI9W       HBL4100P9W       HBL4100MI7WR       HBL4100P7WR         3P 4W       ⑥       3Ø 480V       ■ HBL4100MI7W       HBL4100P5W       HBL4100MI5WR       HBL4100P5WR		3P 4W		<b>(3)</b>	3Ø 600V		HBL460MI5W	HBL460P5W	HBL460MI5WR	HBL460P5WR
4P 5W       ③       3ØY 347/600V       ■ HBL560MI5W       HBL560P5W       -       -       -         100       2P 3W       ②       240V       ■ HBL3100MI6W       HBL3100P6W       -       -       -         3P 4W       ③       120/240V       ■ HBL4100MI12W       HBL4100P12W       HBL4100MI12WR       HBL4100MI12WR       HBL4100P12WR         3P 4W       ⑤       3Ø 240V       ■ HBL4100MI9W       HBL4100P9W       HBL4100MI9WR       HBL4100P7WR         3P 4W       ⑥       3Ø 480V       ■ HBL4100MI7W       HBL4100P7W       HBL4100MI5WR       HBL4100P5WR		4P 5W		<b>③</b>	3ØY 120/208V		HBL560MI9W	HBL560P9W	_	_
100       2P 3W       ②       240V       ■ HBL3100Mi6W       HBL3100P6W       −       −       −         3P 4W       ③       120/240V       ■ HBL4100Mi12W       HBL4100P12W       HBL4100Mi12WR       HBL4100P12WR         3P 4W       ③       3Ø 240V       ■ HBL4100Mi9W       HBL4100P9W       HBL4100Mi9WR       HBL4100P9WR         3P 4W       ⑥       3Ø 480V       ■ HBL4100Mi7W       HBL4100P7W       HBL4100Mi7WR       HBL4100P7WR         3P 4W       ⑥       3Ø 600V       ■ HBL4100Mi5W       HBL4100P5W       HBL4100Mi5WR       HBL4100P5WR		4P 5W		<b>③</b>	3ØY 277/480V		HBL560MI7W	HBL560P7W	_	_
3P 4W       Image: Section of the content		4P 5W		<b>©</b>	3ØY 347/600V		HBL560MI5W	HBL560P5W	_	_
3P 4W       ⑤       3Ø 240V       ■       HBL4100MI9W       HBL4100P9W       HBL4100MI9WR       HBL4100P9WR         3P 4W       ⑥       3Ø 480V       ■       HBL4100MI7W       HBL4100P7W       HBL4100MI7WR       HBL4100P7WR         3P 4W       ⑥       3Ø 600V       ■       HBL4100MI5W       HBL4100P5W       HBL4100MI5WR       HBL4100P5WR	100	2P 3W		<b>©</b>	240V		HBL3100MI6W	HBL3100P6W	_	_
3P 4W       ⑤       3Ø 480V       ■       HBL4100MI7W       HBL4100P7W       HBL4100MI7WR       HBL4100P7WR         3P 4W       ⑥       3Ø 600V       ■       HBL4100MI5W       HBL4100P5W       HBL4100MI5WR       HBL4100P5WR		3P 4W		<b>③</b>	120/240V		HBL4100MI12W	HBL4100P12W	HBL4100MI12WR	HBL4100P12WR
3P 4W 🔞 3Ø 600V ■ HBL4100MI5W HBL4100P5W HBL4100MI5WR HBL4100P5WR		3P 4W		<b>③</b>	3Ø 240V		HBL4100MI9W	HBL4100P9W	HBL4100MI9WR	HBL4100P9WR
		3P 4W		<b>③</b>	3Ø 480V		HBL4100MI7W	HBL4100P7W	HBL4100MI7WR	HBL4100P7WR
4P 5W 🔞 3ØY 120/208V 📘 HBL5100MI9W HBL5100P9W — —		3P 4W		<b>(3)</b>	3Ø 600V		HBL4100MI5W	HBL4100P5W	HBL4100MI5WR	HBL4100P5WR
		4P 5W		<b>③</b>	3ØY 120/208V		HBL5100MI9W	HBL5100P9W		

Note: 20, 30 and 32A – 1 inch NPT hub supplied; 60 and 100A – 1¼ inch hub supplied.



HBLAC1



HBLAC2





HBL30RNB

HBL30RGB



MICPK30





HBL30MIRS



**HBLRFT2** 

Dimensions in Inches (mm)

## Auxiliary Contacts for 20, 30, 32, 60 and 100A Switch, NEMA A600 Pilot Duty

Description	Catalog Number
"Break After Main Break", 1 set of n/o contacts, 1 set of n/c contacts.	HBLAC1
"Break Before Main Break", 1 set of n/o contacts.	HBLAC2
Ground Block	
Description	Catalog Number
For 20, 30 and 32A switches.	HBL30RGB
For 60 and 100A switches.	HBL60100RGB
Neutral Block	
Description	Catalog Number
For 20, 30 and 32A switches.	HBL30RNB
For 60A switches.	HBL60RNB
For 100A switches.	HBL100RNB
Watertight Closure Plug Kits	
Description	Catalog Number
For 20, 30 and 32A Circuit-Lock Unfused and Fused Pin and Sleeve mechanical interlocks	. MICPK30
For 60 and 100A Circuit-Lock Unfused and Fused Pin and Sleeve mechanical interlocks.	MICPK60
Replacement Flip Covers	
Description	Catalog Number
For 20A mechanical interlocks.	CA420MI
For 30 and 32A, 3 and 4 wire mechanical interlocks.	CA3430MI
For 30A, 5 wire mechanical interlocks.	CA530MI
For 60A mechanical interlocks.	CA60MI
For 100A mechanical interlocks.	CA100MI
Replacement Switches	
Description	Catalog Number
For 20A mechanical interlocks.	HBLDS3RS
For 30 and 32A mechanical interlocks.	HBL30MIRS

### **Dimensions**

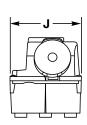
KEY	20A and 30A Inches (mm)	60A Inches (mm)	100A Inches (mm)
A	7.75" (196.9)	7.75" (196.9)	7.75" (196.9)
В	6.87" (174.5)	6.87" (174.5)	6.87" (174.5)
С	4.75" (120.7)	4.75" (120.7)	4.75" (120.7)
D	1.02" (25.9)	1.02" (25.9)	1.02" (25.9)
E	1.60" (40.6)	1.46" (37.1)	1.46" (37.1)
F	11.00" (279.4)	12.75" (323.9)	12.75" (323.9)
G	8.75" (222.3)	8.75" (222.3)	8.75" (222.3)
Н	8.00" (203.2)	9.75" (247.7)	9.75" (247.7)
1	10.12" (257.0)	11.87" (301.5)	11.87" (301.5)
J	6.88" (174.8)	6.88" (174.8)	6.88" (174.8)
K	1.93" (49.0)	2.09" (53.1)	2.09" (53.1)
L	11.25" (285.8)**	13.65" (346.7)	13.65" (346.7)
M	7.75" (196.9)	8.60" (218.4)	9.30" (236.2)
HUB SIZE	1.00" NPT	1.25" NPT	1.25" NPT

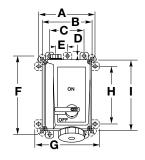
Note: \*Package of 10 feet and 10 screws. \*\*30 and 32A, 3 and 4W = 11.50" (292.1); 30A, 5W = 11.59" (294.4).

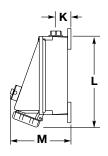
For 60 and 100A mechanical interlocks.

**Replacement Mounting Feet** 

For 20, 30, 32, 60 and 100A mechanical interlocks.







HBLDS60100RS

Catalog Number

HBLRFT2\*

### **Typical Specifications**

Manufacturer's Identification

Hubbell HBL430MI7W Circuit-Lock® Pin and Sleeve Mechanical Interlock Description

3 Pole + Earth Electrical Type

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

Enclosure Material Non-metallic, enclosure suitable for metallic conduit

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	Тор	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 Short Circuit Withstand Rating	Certified for current interrupting at full rated current and voltage.  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 Product Identification Mounting	In accordance with UL, CSA and international conventions. Identification and ratings are part of the external label and molded into the receptacle mount. External adjustable feet.
Environmental	
Moisture Resistance Ingress Protection Flammability Operating Temperature UV Resistance	Indoor and Outdoor - 4X (Watertight, Washdown); Indoor - 12 (Dust-tight, Falling Dirt and Noncorrosive Liquids). IP69K Suitability. UL94-5VA and V-0 Classification. Max. Continuous +75°C; Min. Continuous -40°C. All materials are UV stabilized.

### **Horsepower Ratings**

Mating Plug
19W HBL420P9W 17W HBL420P7W 15W HBL420P5W 14W HBL330P4W 16W HBL330P6W
17W HBL420P7W 15W HBL420P5W 14W HBL330P4W 16W HBL330P6W
15W HBL420P5W 14W HBL330P4W 16W HBL330P6W
I4W HBL330P4W I6W HBL330P6W
I6W HBL330P6W
I7W HBL330P7W
I12W HBL430P12W
I5W HBL430P5W
I7W HBL430P7W
I9W HBL430P9W
I5W HBL530P5W
I7W HBL530P7W
I9W HBL530P9W
I3W HBL432P3W
I4W HBL360P4W
I6W HBL360P6W
I7W HBL360P7W
I12W HBL460P12W
I5W HBL460P5W
I7W HBL460P7W
I9W HBL460P9W
I5W HBL560P5W
I7W HBL560P7W
I9W HBL560P9W
/II6W HBL3100P6W
/II12W HBL4100P12W
/II5W HBL4100P5W
/II7W HBL4100P7W
/II9W HBL4100P9W
MI9W HBL5100P9W