

# Pin and Sleeve Devices/Mechanical Interlocks

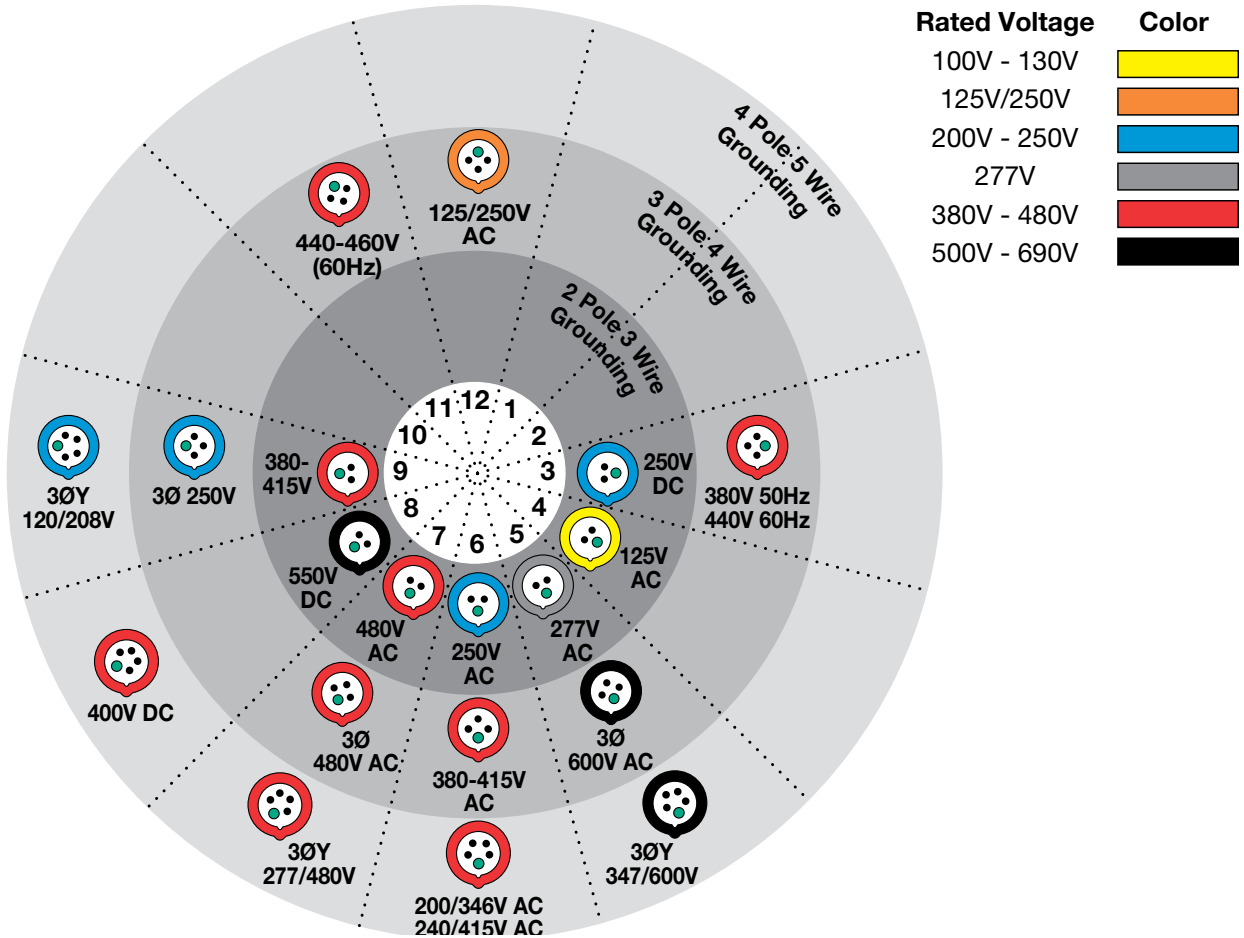
## IEC Configurations Chart

### Singly Rated Configurations

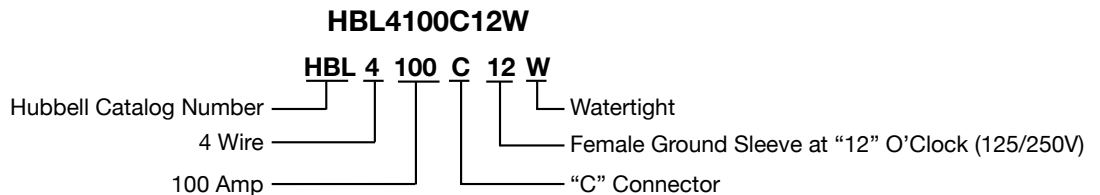
Hubbell Pin and Sleeve products are designed and manufactured to meet the International Standard IEC 60309-1 and IEC 60309-2. This device standard calls out a singly rated, non-interchangeable configuration for every voltage and type of service throughout the world. Pin and sleeve device housings are color coded by voltage rating.

### Voltage

The voltage is determined by the location of the female ground contact relative to the housing keyway. Simply by manufacturing the device with a ground contact in a certain "clock" position, the device will be rated for a particular voltage system. The diagram shows the keying position and the color coding that is associated with each voltage.



### Typical IEC Pin and Sleeve Catalog Number



#### Explanation

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| <p><b>1 (HBL) Designates Hubbell Catalog Number</b></p> | <p><b>2 First Digit</b><br/>                 3-3 wire<br/>                 4-4 wire<br/>                 5-5 wire</p> | <p><b>3 Next Series Of Digits</b><br/>                 Preceding a letter<br/>                 20-20 Amp<br/>                 30-30 Amp<br/>                 60-60 Amp<br/>                 100-100 Amp</p> | <p><b>4 Letter</b><br/>                 P-Plug<br/>                 R-Receptacle<br/>                 C-Connector<br/>                 B-Inlet<br/>                 MI-Mechanical Interlock<br/>                 MIF-Mechanical Interlock Fused</p> | <p><b>5 Last Digit(s)</b><br/>                 After the letter. This denotes the position of the ground sleeve and the assigned voltage in the receptacle as it relates to the hours of the clock. This is done to eliminate interchangeability between devices with different voltages.</p> | <p><b>6 Letter: W</b><br/>                 Watertight</p> |
|---|---|---|---|---|---|

**IP66**  
SUITABILITY

Enclosure Type 4X, 12

Rating					Fused Circuit-Lock® Devices		
Amps	Poles and Wires	Configuration Recep./ Conn.	Plug/ Inlet	AC Voltage	Mechanical Interlock	Mating Plug	
30	3P 4W			120/240V			HBL430MIF12W HBL430P12W
	3P 4W			3Ø 240V			HBL430MIF9W HBL430P9W
	3P 4W			3Ø 480V			HBL430MIF7W HBL430P7W
	3P 4W			3Ø 600V			HBL430MIF5W HBL430P5W
	4P 5W			3ØY 277/480V			HBL530MIF7W HBL530P7W
60	3P 4W			120/240V			HBL460MIF12W HBL460P12W
	3P 4W			3Ø 240V			HBL460MIF9W HBL460P9W
	3P 4W			3Ø 480V			HBL460MIF7W HBL460P7W
	3P 4W			3Ø 600V			HBL460MIF5W HBL460P5W
	4P 5W			3ØY 120/208V			HBL560MIF9W HBL560P9W

Note: 30A – 1 inch NPT hub supplied; 60A – 1¼ inch hub supplied.



HBL430MIF12W

Gray Style Switch



HBLACFSNO HBL30MIFRS

Black Style Switch

## Replacement Auxiliary Contacts

Description	Black Style Switch Catalog Number	Gray Style Switch Catalog Number
Auxiliary contact, normally open, A600 pilot duty, break before break.	<b>ACFSNO</b>	<b>HBLACFSNO</b>
Auxiliary contact, normally closed, A600 pilot duty, break before break.	<b>ACFSNC</b>	<b>HBLACFSNC</b>

Note: Auxiliary contacts are specific to the style switch noted and are NOT interchangeable. All new installations are shipped with gray style switch.



ACFSNO

## Replacement Switches

Description	Gray Style Switch Catalog Number
For 30A fused switches.	<b>HBL30MIFRS</b>
For 60A fused switches. Gray Style switch will retro fit Black Style switch.	<b>HBL60MIFRS</b>



MICPK30

## Watertight Closure Plug Kits

Description	Catalog Number
For 30A Circuit-Lock® unfused and fused Pin and Sleeve mechanical interlocks.	<b>MICPK30</b>
For 60 and 100A Circuit-Lock® unfused and fused Pin and Sleeve mechanical interlocks.	<b>MICPK60</b>



CA3430MI

## Replacement Flip Covers

Description	Catalog Number
For 30A, 3 and 4 wire mechanical interlocks.	<b>CA3430MI</b>
For 30A, 5 wire mechanical interlocks.	<b>CA530MI</b>
For 60A mechanical interlocks.	<b>CA60MI</b>



HBLRFT2

## Replacement Mounting Feet

Description	Catalog Number
Replacement mounting feet and screws for 30 and 60A fused mechanical interlocks.	<b>HBLRFT2<sup>A</sup></b>

Note: <sup>A</sup>Package of 10 feet and 10 screws.