

Pin and Sleeve Devices/Mechanical Interlocks

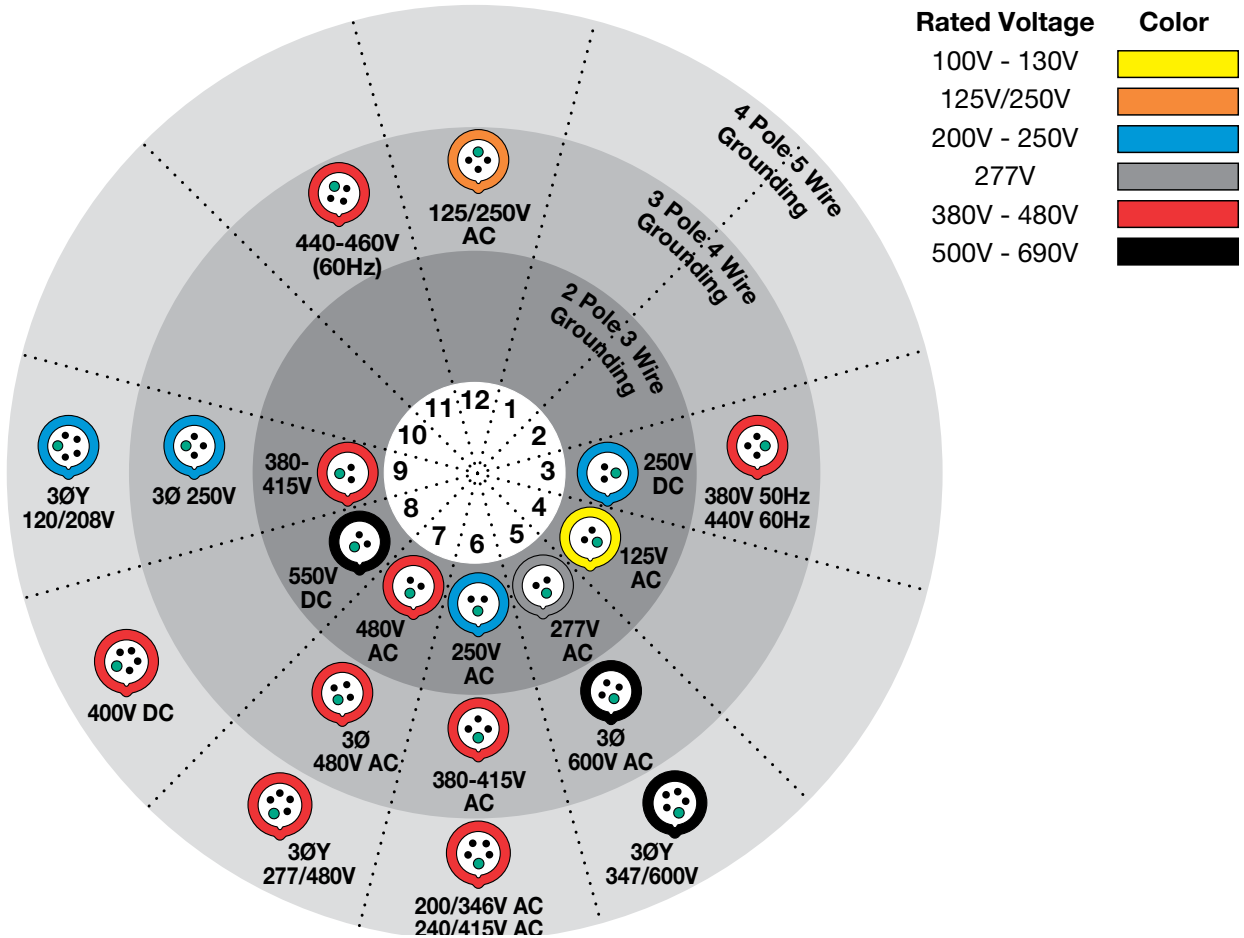
IEC Configurations Chart

Singly Rated Configurations

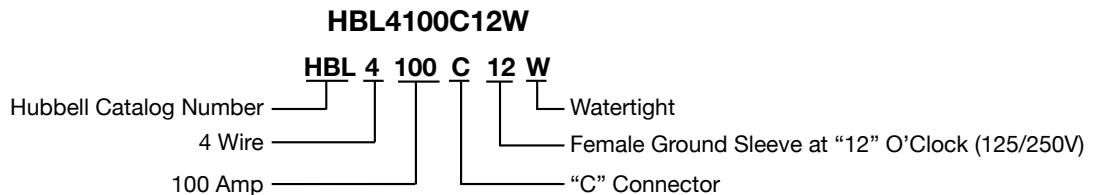
Hubbell Pin and Sleeve products are designed and manufactured to meet the International Standard IEC 60309-1 and IEC 60309-2. This device standard calls out a singly rated, non-interchangeable configuration for every voltage and type of service throughout the world. Pin and sleeve device housings are 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>1 (HBL) Designates Hubbell Catalog Number</p> | <p>2 First Digit
3-3 wire
4-4 wire
5-5 wire</p> | <p>3 Next Series Of Digits
Preceding a letter
20-20 Amp
30-30 Amp
60-60 Amp
100-100 Amp</p> | <p>4 Letter
P-Plug
R-Receptacle
C-Connector
B-Inlet
MI-Mechanical Interlock
MIF-Mechanical Interlock Fused</p> | <p>5 Last Digit(s)
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>6 Letter: W
Watertight</p> |
|---|--|--|---|--|--|

Rating					Unfused Circuit-Lock® Devices		Reverse Service	
Amps	Poles and Wires	Configuration Recep.	Plug	AC Voltage	Mechanical Interlock	Mating Plug	Mechanical Interlock	Mating Plug
20	3P 4W			120/240V			—	—
	3P 4W			3Ø 240V			—	—
	3P 4W			3Ø 480V			—	—
	3P 4W			3Ø 600V			—	—
30	2P 3W			120V			—	—
	2P 3W			240V			—	—
	2P 3W			480V			—	—
	3P 4W			120/240V			—	—
	3P 4W			3Ø 240V				
	3P 4W			3Ø 480V				
	3P 4W			3Ø 600V				
	4P 5W			3ØY 120/208V			—	—
	4P 5W			3ØY 277/480V			—	—
	4P 5W			3ØY 347/600V			—	—
32	3P 4W			380V 50HZ-440V 60Hz			—	—
60	2P 3W			120V			—	—
	2P 3W			240V			—	—
	2P 3W			480V			—	—
	3P 4W			120/240V				
	3P 4W			3Ø 240V				
	3P 4W			3Ø 480V				
	3P 4W			3Ø 600V				
	4P 5W			3ØY 120/208V			—	—
	4P 5W			3ØY 277/480V			—	—
	4P 5W			3ØY 347/600V			—	—
100	2P 3W			240V			—	—
	3P 4W			120/240V				
	3P 4W			3Ø 240V				
	3P 4W			3Ø 480V				
	3P 4W			3Ø 600V				
	4P 5W			3ØY 120/208V			—	—

Note: 20, 30 and 32A – 1 inch NPT hub supplied; 60 and 100A – 1/4 inch hub supplied.