

IEC Pin and Sleeve

Devices Rated for Direct Current

HUBBELL®



IP67
SUITABILITY

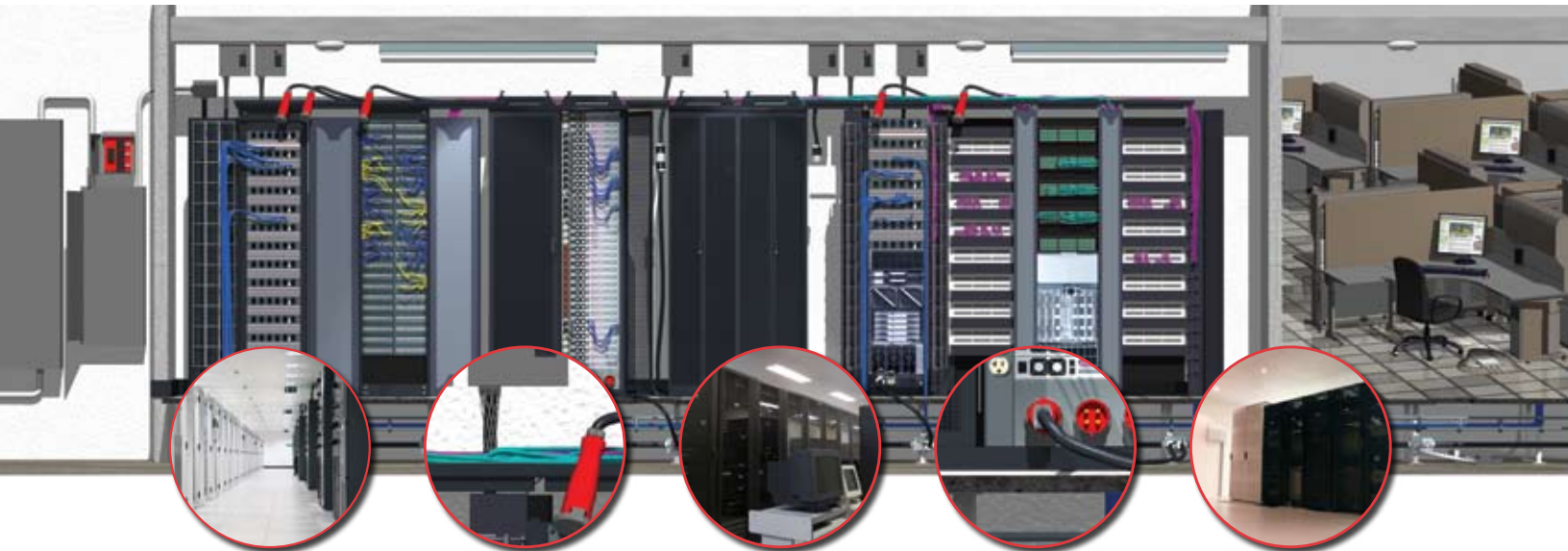


Ideal for Data Centers and High Tech Server Industries

In today's environmentally conscious world, energy savings is a pinnacle part of going green. DC (Direct Current) is being used to reduce power consumption and decrease the amount of infrastructure needed to energize specific types of data center equipment. Electrical devices provide a means for connecting to DC power.

Hubbell is the first manufacturer to introduce a series of IEC pin and sleeve devices configured for the UL1686 eight o'clock ground position for DC voltage (Disconnecting use only). Hubbell's IEC DC rated pin and sleeve line has been qualified by UL to the requirements of DC voltage. The thermoset polyester contact carrier provides high resistance to electrical tracking, it withstands higher temperatures for this type of demanding application. The solid, one-piece pins are machined from solid brass for longer life and reliable electrical contact. In addition, the heavy duty external cord grips provide maximum cord retention to maintain secure terminations. Finally, the super tough color coded, non-conductive housing is heavy duty for protecting the internal components.

With Hubbell products you can expect high quality on the forefront of technology. We are proud to provide another industry first.



Ordering Information

Amps	Poles & Wires	Configuration		DC Voltage	Plug	Connector	Receptacle	Cord Dia. Inches
		Connector	Plug					
30	2P 3W			550V	HBL330P8V0DC	HBL330C8V0DC	HBL330R8WDC	.375" - 1.25"
60	2P 3W			550V	HBL360P8V0DC	HBL360C8V0DC	HBL360R8WDC	.50" - 1.45"
100	2P 3W			550V	HBL3100P8V0DC	HBL3100C8V0DC	HBL3100R8WDC	1.065" - 1.94"
100	4P 5W			400V	HBL5100P8V0DC	HBL5100C8V0DC	HBL5100R8WDC	1.065" - 1.94"



www.hubbell-wiring.com

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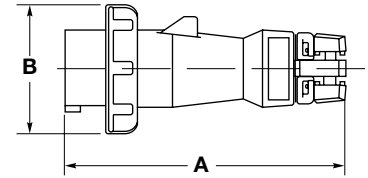


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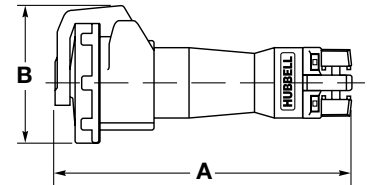


Dimensions In. (mm)

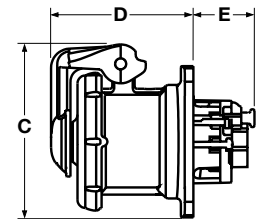
Plugs	A	B	Cord Grip Range
HBL330P	8.05" (204.5)	3.74" (95.0)	.375"-1.250" (9.5-31.8)
HBL360P	10.15" (257.8)	4.49" (114.0)	.500"-1.450" (12.7-36.8)
HBL3100P HBL5100P	12.63" (320.8)	4.92" (125.0)	1.065"-1.940" (27.1-49.3)



Connectors	A	B	Cord Grip Range
HBL330C	9.05" (229.9)	4.27" (108.5)	.375"-1.250" (9.5-31.8)
HBL360C	11.15" (283.2)	5.10" (129.5)	.500"-1.450" (12.7-36.8)
HBL3100C HBL5100C	13.57" (344.7)	5.71" (145)	1.065"-1.940" (27.1-49.3)



Receptacles	A	B	C	D	E	F
HBL330R	4.27" (108.5)	3.09" (78.5)	1.16" (29.5)	2.72" (69.0)	3.75" (95.3)	3.13" (79.5)
HBL360R	5.10" (129.5)	4.07" (103.4)	1.69" (43.0)	3.46" (88.0)	4.50" (114.3)	3.88" (98.6)
HBL3100R HBL5100R	5.71" (145)	4.23" (107.4)	2.46" (62.5)	3.95" (100.3)	5.50" (139.7)	4.88" (123.9)



Caution: These devices are not rated for current rupture and could present a hazard if used improperly. They should only be used in a controlled area and accessed by qualified personnel only.

Performance

Electrical

Max. Working Voltage	550V DC 3-wire devices, 400V DC 5-wire devices.
Temperature Rise	Max. 30°C temperature rise at full rated current.
Abnormal Overload	One cycle of operation making and breaking 150% of rated current.

Mechanical

Impact Resistance	Per UL1682.
Cord Grip Cable Retention	Per UL1682.
Cord Accommodation	Round portable service cords of diameters commensurate with the device rating as defined in UL Standard 62.
Terminal Identification	Terminals identified in accordance with North American and IEC conventions.
Product Identification	Identification and ratings are a permanent part of the device housing.

Environmental

Moisture Resistance	Watertight per IEC 60309-1.
Ingress Protection	IP67 Suitability.
Flammability	V0 Rating on plugs and connectors. V2 Rating on receptacles.
Operating Temperatures	Maximum Continuous 75°C; Minimum -40°C without impact.

Materials

Housings	Valox® - Plugs and connectors. Nylon - Receptacles.
All Other Materials	Resistant to corrosion and chemical attack.

Note: Specification sheets for all other Pin and Sleeve catalog numbers are available upon request.

HUBBELL®
Wiring Device-Kellems

Leading Through Innovation
www.hubbell-wiring.com

