

Heavy Duty Products, IEC Pin and Sleeve Devices, Industrial Grade, Female, Receptacle, 100A 3-Phase Wye 277/480V AC, Watertight

By Hubbell Wiring Device-Kellems
Catalog # [HBL5100R7W](#)



Heavy Duty IEC Pin and Sleeve Industrial Grade Female Receptacle, 100A 3-Phase Wye 277/480V AC, 4-Pole 5-Wire Grounding, Terminal Screws, Watertight

Application

- High Ampacity Watertight Connections

Performance

- Electrical - Current Interrupting - Certified for current interrupting at full rated current
- Electrical - Dielectric Voltage - Withstand 3000V AC
- Electrical - Max. Working Voltage - 600V RMS
- Environmental - Flammability - HB or better per UL 94 or CSA C22.2 No. 0.17
- Environmental - Ingress Protection - IP67 Suitability
- Environmental - Moisture Resistance - Watertight per IEC 60309-1
- Environmental - Operating Temperatures - Maximum Continuous 75°C
- Minimum - 40°C w/o impact
- Mechanical - Impact Resistance - Per CSA C22.2 No. 182.1 / UL1682
- Mechanical - Product Identification - Ratings are a permanent part of the device housing
- Mechanical - Terminal Identification - Terminals identified in accordance with North American and IEC conventions

General

Catalog Number	HBL5100R7W
Color	Red
EU RoHS Indicator	Yes
Environmental Conditions	Watertight
Item Type	Single Flanged
Material	Thermoplastic
Material - Mounting Hardware	Screw Mounting
Number Of Poles	4-Pole
Series	HBL Heavy Duty
Specifications	<ul style="list-style-type: none">• Cover - Reinforced Thermoplastic Polyester• Cover Screw - Nickel-plated brass

Style	Standard Service
Type	Watertight Receptacle
UPC	783585405117

Dimensions

Display Size	Standard Sized Product
--------------	------------------------

Electrical Ratings

Amperage Rating	100 A
Connectivity	Pressure Terminal Screws
Current / Amperage Rating	100 A
Current Rating	100 A
Phase	Three Phase
Voltage Rating	3 Phase Y 277/480 VAC
Voltage Rating Description	3 Phase Y 277/480 VAC
Wattage	48000

Conductor Related

Number Of Wires	5-Wire
Wire Size	#3 AWG to #1/0 AWG

Certifications And Compliance

Industry Standard(s)	Listed To Standard UL1682
Nema Rating	Non-NEMA

Logistics

Carton Quantity	6
-----------------	---

Product Assets

[Catalogs - WDK Catalog Full 2024](#)
[Specifications - HBL5100R7W](#)
[Warranty - Industrial & Commercial Products](#)

- Gaskets - Solid Neoprene
- Housing - Zytel® 101 Nylon
- Mounting Flange - Zytel® 101 Nylon



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
WDK_MX-HBL5100R7W-SPEC-EN | REV 10/2024