

Heavy Duty Products, IEC Pin and Sleeve Devices, Marine Grade, Male, Flanged Inlet, 100A 3-Phase Wye 277/480V AC, 4-Pole 5-Wire Grounding

By Hubbell Wiring Device-Kellems  
Catalog # [M5100B7R](#)

Heavy Duty Products, IEC Pin and Sleeve Devices, Marine Grade, Male, Flanged Inlet, 100A 3-Phase Wye 277/480V AC, 4-Pole 5-Wire Grounding, Terminal Screws, Yellow

Features

- Solid one-piece pins for reliable electrical contact
- Gasketed sealing ring provides watertight seal
- Raised collar surrounds each phase pin

Application

Marine Wiring Devices

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	M5100B7R
Color	Gray
EU RoHS Indicator	Yes
Environmental Conditions	Watertight
Insulation	Insulated Body
Item Type	Hull Mount Single
Material	Thermoplastic
Material - Mounting Hardware	Screw Mounting



Number Of Poles	4-Pole
OEM Brand Name	Hubbell Wiring Device-Kellems
Series	Corrosion Resistant
Specifications	<ul style="list-style-type: none"><li>• Contact Carrier - High-Impact Thermoset</li><li>• Housing - Zytel® 101 Nylon</li><li>• Locking Ring - Reinforced Thermoplastic Polyester</li><li>• Mounting Flange - Zytel® 101 Nylon</li><li>• Mounting Screws - Stainless Steel</li></ul>

Style	Reverse Service
Temperature Rating	Maximum Continuous: 75° C; Minimum Continuous: -40° C w/o impact
Type	Watertight Inlet
UPC	783585510118

Dimensions

Display Size	Standard Sized Product
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Electrical Ratings

Amperage Rating	100 A
Connectivity	Pressure Terminal Screws
Current / Amperage Rating	100 A
Current Rating	100 A
Dielectric Strength	Withstands 3000V Minimum in Three Phase
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)
- [CSA StandardC22.2 No. 182.1](#)
  - [UL Classified to IEC 60309-1 IEC 60309-2](#)
  - [UL Listed, File E146032](#)

Logistics

Carton Quantity

6

Product Assets

[Catalog Page - WDK G-12 Catalog Page](#)

[Catalog Page - WDK AA-21 Catalog Page](#)

[Catalog Page - WDK AA-4 Catalog Page](#)

[Catalogs - WDK Catalog Full 2024](#)

[Engineering Drawing - M5100B7R AutoCAD Drawing](#)

[Installation Manuals - WIRING\\_PD1160\\_INSTALLINST](#)

[Literature - IEC Pin & Sleeve Devices](#)

[Literature - PULP & PAPER SOLUTIONS](#)

[Literature - Pulp & Paper Solutions](#)

[Literature - Hubbell Marine Full Line Catalog](#)

[Sales Drawings - WDK\\_M5100B\\_DRAWING\\_PDF](#)

[Specifications - Wiring M5100B7R Specification Sheet](#)

[Warranty - Industrial & Commercial Products](#)

[Video - Marine Electrical Products](#)

