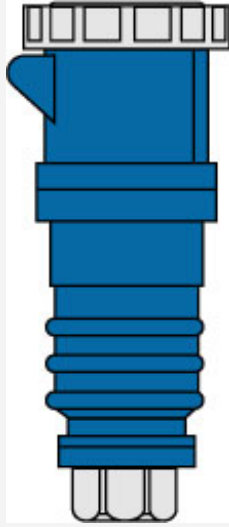


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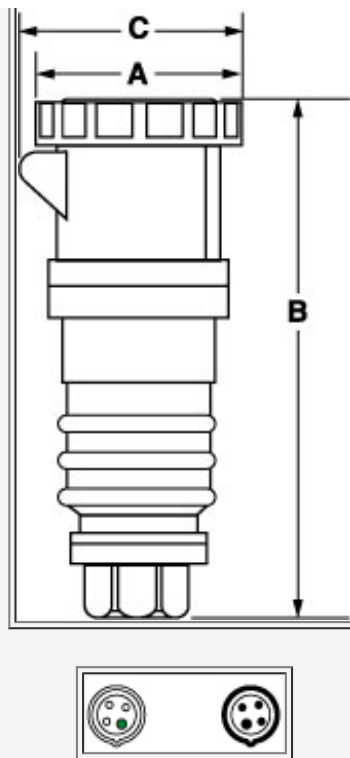


Watertight IEC 309 Pin and Sleeve
Connector Body.

Product Specifications

Pin and Sleeve Style	Watertight.
Rating Type	North American.
Amperage	100A
Poles and Wires	3 Pole, 4 Wire.
Voltage	3ph 600V AC
Device Type	Connector.
Color	Black.
Housing	Toughened Nylon.
Cover Arm	Toughened Nylon.
Cover Ring	Polycarbonate.
Cover Spring	Stainless Steel.
Seals/Gaskets	Neoprene., EPDM, TPE.
Contact Carrier	Glass reinforced Nylon.
Terminal Cover	Toughened Nylon.
Phase/Ground Sleeves	Brass.
Sleeve Spring	Nickel Plated Spring Steel.
Hinge Pin	Brass.
Terminal Screws	Plated Steel.
Cord Clamp Assembly	Toughened Nylon.
Gland Nut	Toughened Nylon.
Cord Gland	Neoprene.
Gland Friction Washer	Plated Carbon Steel

Assembly Screws	Stainless Steel.
Dielectric Voltage Withstand	2,200 Volts, Plug and Connector.
Max Working Voltage	600V AC
Spacings	1/4" Minimum creepage and clearance per UL 1682.
Current Interrupting	Certified for current interrupting at full rated current where applicable per UL 1682.
Temperature Rise	Less than 30 deg. C temperature rise at full rated current after 50 cycles of overload tested at 150% of rated current a .75 PF.
Endurance	Up to 5,000 connect and disconnect cycles at full rated current and voltage per UL 1682.
Impact Resistance	After 6 hours at -25 deg. C, 8 drops from 2 1/2' with 7 1/2' cord.
Mechanical Crush Test	250 lbs. Force for 1 minute after 6 hours at -25 deg. C.
Terminal Identification	Terminals identified in accordance with North American Codes.
Product Identification	Catalog number and rating indicated on product.
Moisture Resistance	Submerged 24 hours at 2" below water surface.
Flammability (Enclosure)	V2 minimum per UL 94.
Operating Temperature	Maximum Continuous 95 deg. C with impact, minimum continuous -40 deg. C without impact.
Moisture Protection	IP67
Polarization Integrity	Mating devices will not energize ground if polarization feature is removed and 40 lbs. Force is applied.
UL Listing	Meets UL 1682 and 1686 requirements.
CSA Listing	CSA certified C22.2 No. 182-1 - 1988.
IEC	Complies with IEC 309-1 and 309-2 International Standards for singly-rated non-interchangeable configurations.
Conforms to:	Conforms to UL 1686 (pin & sleeve configurations).
Dimension A- in (mm)	4.91" (126)
Dimension B- in (mm)	12.01" (308)
Dimension C- in (mm)	4.99" (128)
Catalog Page	Click here for catalog page



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