



HBL460C9W -- Pin and Sleeve Products



Watertight IEC Pin and Sleeve Connector, 3P4W, 60A 3PH 250V

Product Specifications

Product Type	 <p>IEC Devices</p>
IEC Product Type	Watertight
Service Style	Standard
Device	Connector
Amperage	60A
Voltage	3 Phase 250V
Poles and Wires	3 Pole, 4 Wire
Terminal Accommodations	#8 To #2 AWG copper wire only
Cord clamp range	.500" To 1.450"
Color	 <p>Blue</p>
Replacement Interior Number	IN460DF
Housing	Zytel [®] 801 Nylon
Contact Carrier	High-Impact Thermoset
Retainer	High-Impact Thermoset
Terminal Screws	Stainless Steel (300 series)
Assembly Screws	Stainless Steel (300 series)
Gaskets	Solid Neoprene
Cord Clamps	Rynite SST35
Grommet/Glands	Solid Neoprene
Cover Arm	Rynite SST35
Arm Spring	Stainless Steel (17-1 Type)
Cord Clamp Screws	Stainless Steel (300 Series)
Clamp Nut	Nickel Plated Brass
Cover	Rynite SST35
Cover Screw/Rivet	Nickel Plated Brass
Rotating Sealing	Polycarbonate

Disc	
Ground/Phase Sleeve	Brass
Pin/Sleeve Spring	Beryllium Copper multi-contact insert with silver plating.
Certification	UL Listed, File E146032 Receptacles and Inlets, E146033 Plugs and Connectors, UL Standard UL1682 & UL1686C2, CSA Certified File LR280C for Plugs, Connectors and Inlets, LR285C for Receptacles, CSA Standard C22.2 No. 182.1, UL Classified to IEC60309-1, IEC
Dielectric Withstand Voltage	Withstands 3,000V AC
Max Working Voltage	600V RMS (i.e.minimum creepage distance 10 mm minimum)
Current Interrupting	Certified for current interrupting at full rated current.
Temperature Rise	Max 30° C temperature rise at full rated current after 50 cycles of overload at 150% of rated current at a power factor of 75%.
Endurance	5,000 connect and disconnect cycles with load for 16A and 20A, 1,000 cycles with load and 1,000 cycles w/o load for 30A, 32A, 60A and 63A, and 250 cycles with load and 250 cycles w/o load for 100A and 125A.
Impact Resistance	Per CSA C22.2 No. 182.1 / UL1682.
Cord Grip Retention	Per CSA C22.2 No. 182.1 / UL1682.
Cord Accommodation	Round portable service cords of diameters commensurate with the device rating as defined in UL Standard 62, CSA C22.2 No. 49 and the harmonized European Standards.
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.
Moisture Resistance	Watertight per IEC 60309-1
Ingress Protection	IP 67 Suitability
Flammability	HB or Better per UL 94 or CSA C22.2 No. 0.17
Operating Temperatures	Maximum Continuous: 75° C; Minimum Continuous: -40° C w/o impact.
Certifications	UL Listed, UL Standard 498 CSA Certified to CSA Spec. C22.2 No. 182.2 UL Classified to IEC 309-1 and IEC 309-2.
Device Description	Every Hubbell non-metallic Pin and Sleeve product is designed to meet the International Standard IEC 60309-1 and IEC 60309-2. This device standard calls out singly rated, non-interchangeable configuration for every voltage and type of service.
UPC Number	78358540483
Weight in LBs	2.95
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