

HBL5100P5W -- Pin and Sleeve Products



Watertight IEC Pin and Sleeve Plug, 4P5W, 100A 3PH 347/600V

Product Specifications

Product Type	 IEC Devices
IEC Product Type	Watertight
Service Style	Standard
Device	Plug
Amperage	100A
Voltage	3 Phase Y 347/600V
Poles and Wires	4 Pole, 5 Wire
Terminal Accommodations	#3 To #1/0 AWG copper wire only
Cord clamp range	1.065" To 1.940"
Color	 Black
Replacement Interior Number	IN5100EM
Hinge Spring	Stainless Steel (300 series)
Housing	Zytel 801 Nylon
Lock Ring	Rynite SST35
Contact Carrier	High-Impact Thermoset
Retainer	High-Impact Thermoset
Ground/Phase Pins	Brass
Terminal Screws	Stainless Steel (300 series)
Assembly Screws	Stainless Steel (300 series)
Gaskets	Neoprene
Cord Clamps	Rynite SST35
Grommet/Glands	Solid Neoprene
Gland Cap	Rynite SST35
Cord Clamp Screws	Stainless Steel (300 Series)
Clamp Nut	Nickel Plated Brass
Certification	UL Listed, CSA Certified
Dielectric Withstand Voltage	Withstands 3,000V AC
Max Working Voltage	600V AC RMS
Current Interrupting	Certified for current interrupting at full rated current.
Short Circuit Withstand	Suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes at the voltage rating of the receptacle.
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	Mechanical: 10,000 cycles, Electrical: 6,000 cycles.
Impact Resistance	In accordance with UL746C
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 International conventions.
Product Identification	Identification and ratings are a part of the external label and molded into the receptacle mount.
Moisture Resistance	Watertight per IEC 60309-1
Ingress Protection	IP67 Suitability
Flammability	UL94-5VA and V-0 classification.
Operating Temperatures	Maximum Continuous: 75° C; Minimum Continuous: -40° C w/o impact.
UV Resistance	All materials are UV Stabilized.
Certifications	UL Listed, CSA Certified.
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	78358540507
Weight in LBs	4.3
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