

HBL3100B4W -- Pin and Sleeve Products



Watertight IEC Pin and Sleeve Inlet, 2P3W, 100A 125V


Product Specifications

Product Type



IEC Devices

IEC Product Type	Watertight
Service Style	Standard
Device	Inlet
Amperage	100A
Voltage	125V
Poles and Wires	2 Pole, 3 Wire
Terminal Accommodations	#3 To #1/0 AWG copper wire only

Color	 Yellow
Replacement Interior Number	IN3100AM
Housing	Zytel 101 Nylon
Lock Ring	Rynite SST35
Mounting Flange	Zytel 101 Nylon
Mounting Screws	Stainless Steel (300 Series)
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	Solid Neoprene
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 Min.
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.
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	78358540300
Weight in LBS	3.05

