Pin and Sleeve

Low Profile

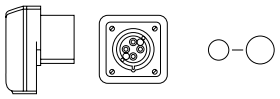
20A, 30A, 60A North American Rating

Order Information and Specifications

Application Guide

Agriculture	Indoor location & maintenance.
Chemical Processing	Indoor location & maintenance.
Construction	Indoors for added safety and abuse resistance.
Entertainment	Indoor location & maintenance.
Food Service	Food service areas where aesthetics and space are concerns.
Light Manufacturing	Indoor locations & maintenance.
Manufacturing	Light assembly areas, stamping operations, and maintenance areas.
Military	Warehouse and maintenance areas.

Low Profile



Amps	Poles and Wires	Configuration Recep./ Conn.	Plug/ Inlet	Voltage	Plug	Receptacle	Cord Diameter Min. Max.
20	3P 4W			3Ø250	**L420P9**	**L420R9**	.350”-.710” (8.3-15.9)
30	3P 4W			125/250	**L430P12**	**L430R12**	.390”-.775” (9.9-19.7)
30	3P 4W			3Ø250	**L430P9**	**L430R9**	.390” -.775” (9.9-19.7)
60	3P 4W			3Ø250	**A460P9**	**A460R9**	.75”-1.25” (19.0- 31.8)

Materials

Part	Materials
Plug	
Case	Zytel® 101 Nylon
Shroud	Zytel 101 Nylon
Pin Carrier 20 & 30A	Zytel 101 Nylon
Pin & Carrier 60A	High-Impact Thermoset
Pins	Brass CDA#360
Assembly Screws	Stainless Steel (300 series)
Terminal Screws	Stainless Steel (300 series)
Receptacle	
Body	Zytel 101 Nylon
Sleeve Carrier 20 & 30A	Zytel 101 Nylon
Sleeve Carrier 60A	High-Impact Thermoset
Sleeves	Brass CDA #360
Assembly Screws	Stainless Steel (300 series)
Terminal Screws	Stainless Steel (300 series)
Adapter Plate 20 & 30A	Galvanized Steel
Adapter Plate 60A	Aluminum
Wall Trim Plate	Zytel 101 Nylon
Panel Mount Trim Plate	Stainless Steel (300 series)

Note: See page E-15 for product dimensions.

Specifications

Electrical	
Dielectric Withstand Voltage	3000V AC.
Max. Working Voltage	250V RMS.
Current Interrupting	Certified for current interruption 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	Up to 5,000 connect and disconnect cycles at full rated current and voltage.
Mechanical	
Impact Resistance	Per CSA C22.2 No. 182.1 / UL1682.
Cord Grip Cable 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 <HAR> European Standards.
Terminal Identification	Terminals identified in accordance with North American convention.
Product Identification	Ratings are a permanent part of the device housing.
Environmental	
Flammability	HB or better per UL 94 or CSA C22.2 No. 0.17.
Ingress Protection	IP22 Suitability
Operating Temperatures	Maximum Continuous 75° C; Minimum - 40°C w/o impact.

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