Russellstoll[®]

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Mipco[™] Connections for Refrigerated Containers

Performance — Electrical

Dielectric Voltage Withstand	3000 volts
Max. Working Voltage	Minimum creepage distance and minimum clearance per UL 840
Temperature Rise	Max. 30° C temperature rise at full rated current after 50 cycles of overload at 150% rated current at 75 pF $$

Performance — Mechanical

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Impact Resistance	Per UL 1682 Paragraph 34	
Cord Accommodation	Round portable service cords. 10 standard diameters from .405 to 1.00, custom sizes to spec	
Terminal Identification	In accordance with UL 1682	
Cable Pull-Out Force	In accordance with UL 1682	
Product Identification	Identification label or molded in name	

Performance — Environmental

Moisture Resistance	Per UL1682 Paragraph 49. Watertight/flap screw cover on receptacle, O-rings on all pins and sleeves, interiors and plug shell. Watertight even when not engaged	
Flammability	HB or better per UL94 (housing) VØ or better per UL 94 (interior)	
Operating Temperatures	Maximum continuous: 95° C/203° F Minimum: -29° C/-20° F w/o impact (Polycarbonate) -40° C/-40° F w/o impact (AMTUF™ and DuraV®)	
Chemicals	Resists standard industrial hydrocarbons, acids,	

bases and solvents

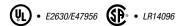
Material

Contact Carrier Interior	Molded arc-resistant UL94-V0 thermoset
Housing, Gland Nuts, Screw Collar Rings	Polycarbonate, high-impact thermoplastic
0-Rings	Buna-N (Nitrile)
Contacts: Pins and Sleeves	Brass CDA 360
Hinge Pins (Receptacle)	Stainless steel
Terminals	Brass CDA 360
Terminal Screws, Flap Springs, Assembly Screws, Nuts, Hardware	Stainless steel or brass
Bushing Glide Washer	20 Amp — Nylon 30, 50 & 60 Amp — Aluminum

Cable Clamp Bushing Neoprene or Santoprene

Approvals

Meets requirements for NEMA 4, 4X, & IP 67. UL Listed and CSA Certified.





United States Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354

Technical Services Tel: 888.862.3289

