

## Mipco™ Connections for Refrigerated Containers

### Performance — Electrical

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

### Performance — Mechanical

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

### Performance — Environmental

<b>Moisture Resistance</b>	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
<b>Flammability</b>	HB or better per UL94 (housing) V0 or better per UL 94 (interior)
<b>Operating Temperatures</b>	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®)
<b>Chemicals</b>	Resists standard industrial hydrocarbons, acids, bases and solvents

### Material

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

### Approvals

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



• E2630/E47956



• LR14096