

## FS/FD™ Metallic Connections

### Performance — Electrical

<b>Dielectric Voltage Withstand</b>	3000 volts
<b>Max. Working Voltage</b>	600 volts RMS (minimum creepage distance and minimum clearance per UL 840)
<b>Circuit Interrupting/Load Breaking</b>	UL Listed and CSA Certified for circuit interrupting at full rated current
<b>Temperature Rise</b>	Max. 30° C/86° F temperature rise at full rated current after 50 cycles of overload at 150% rated current at .75 pF
<b>Shrouded Contacts</b>	Complies with California Code Title 8, Art. 51, S2510.7(b) for devices exceeding 300VAC
<b>Horsepower</b>	Per NEC® 430-151 ratings (non-interrupting)



### Performance — Mechanical

<b>Impact Resistance</b>	Per UL 1682 Paragraph 34
<b>Cord Accommodation</b>	Round portable service cords per UL standard 62 and CSA C22.2 No. 49.1
<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 and name per UL 1686

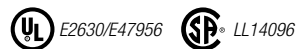
### Performance — Environmental

<b>Moisture Resistance</b>	Per UL 1682 Paragraph 49 Watertight/flap screw cover on receptacle
<b>Flammability</b>	V0/5VA per UL 94
<b>Operating Temperatures</b>	Maximum continuous: 95° C/203° F Minimum: -40° C/-40° F without impact
<b>Chemicals</b>	Resists standard industrial hydrocarbons, acids, bases and solvents

### Material

<b>Contact Carrier Interior</b>	Thermoset
<b>Housing, Gland Nuts, Screw Collar Rings</b>	Cast Aluminum or Brass
<b>Contacts: Pins and Sleeves</b>	Brass
<b>Hinge Pins (Receptacle)</b>	Stainless steel
<b>Terminals</b>	Brass
<b>Terminal Screws, Flap Springs, Assembly Screws, Nuts, Hardware</b>	Stainless steel
<b>Gland Friction Washer</b>	Brass or Aluminum
<b>Cable Clamp Bushing</b>	Neoprene

### Approvals



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