

FS/FD™ Metallic Connections

Performance — Electrical

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



Performance — Mechanical

Impact Resistance	Per UL 1682 Paragraph 34
Cord Accommodation	Round portable service cords per UL standard 62 and CSA C22.2 No. 49.1
Terminal Identification	In accordance with UL 1682
Cable Pull Out Force	In accordance with UL 1682
Product Identification	Identification label and name per UL 1686

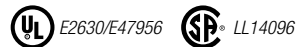
Performance — Environmental

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

Material

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

Approvals



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FS/FD™ Metallic Connections

For Plugs and Connectors

Combination Gland Nut and Cable Clamp



Provides extra clamping protection in hard service applications. Relieves terminals and rubber gland of all cable strain.

PLUG OR CONNECTOR SIZE	CAST ALUMINUM CAT. NO.	CAST BRASS CAT. NO.	MAX. CABLE DIA.
EX: 3913 10–20 Amp	3905	3905B	.62"
EX: 3934 20/30 Amp	3906	3906B	1.12"

Material — Cast aluminum, corrosion-resistant copper-free alloy; cast brass, epoxy powder coat finish.

Conduit Adapters



Adapter tapped with NPT thread to accommodate armored and non-metallic cable or flexible conduit.

PLUG OR CONNECTOR SIZE	CAST ALUMINUM CAT. NO.	CAST BRASS CAT. NO.	TAPPED NPT
EX: 3913 10–20 Amp	FSA11 FSA12	FSA11B FSA12B	1/2" 3/4"
EX: 3934 20/30 Amp	FSA21 FSA22	FSA21B FSA22B	1/2" 3/4"
	FSA23	FSA23B	1"

Furnished complete with gasket.

Cable Bushings

HOLE DIAMETER FOR CABLE (INCHES)	TYPE 2 10 AMP	TYPE 3 20 AND 30 AMP
.313	SG05	—
.375	SG1	JG31
.438	SG15	—
.500	SG2	JG32
.531	SG2A	—
.563	SG25	JG325
.594	SG2B	—
.625	SG3	JG33
.688	SG3A	—
.750	SG4	JG34
.875	—	JG35
1.000	—	JG36**
1.125	—	JG361**

** Special for large O.D. cable.

Note:

When standard plugs or connectors are required to be furnished with one or more of the above accessories, add the suffix and catalog number of the accessory selected to the catalog number of the plug or connector. Complete list price is the total of the list price of the device plus the list price of the accessory.

Examples — Using Catalog No. 3934:

- Combo. Gland Nut and Cable Clamp 3934-3906
- Adapter at 3/4" 3934-FSA22
- 1/2" Cable Bushing 3934-JG32

Material — Oil-resistant Neoprene.



Type 2
Cable Bushing



Type 3
Cable Bushing