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INSULATION

CS&J USA
EMI

Fault Ground Adapter Kit

CFGK



CFGK

A convenient method for grounding jacketed concentric neutral cable and other power cable types

Features

- Easy installation
- Excellent insulation and environmental sealing characteristics when used with separate CRLS Sleeve
- Suitable for a range of cables: #6 AWG - 2500 MCM for voltages from 5kV to 28kV



Technical Data

Physical

Property	Test Method	Typical Performance
Elongation	ASTM D1000	350%
Specific Gravity	ASTM D792	1.34
Adhesive Lap Shear	ASTM D1002	17 psi, (0.01 MPa)
Shrinkage	TT-C-2671	0
Flow at Elevated Temp (50°C)	TT-C-1796	None
Low Temp Flexibility	ASTM D1043	-18°C

Chemical

Water Absorption	ASTM D570	0.06%
Corrosion	ASTM D2203	Non-corrosive
Fungus Resistance	ASTM G-21	No Growth
Water Solubility	GS-4.2	0.01%
Cone Penetration	ASTM D-217	35
Plasticity	ASTM D-926	142

Electrical

Dielectric Strength	ASTM D-149	50 V/Mil (2kV/mm)
Volume Resistivity	ASTM D-257	1.52 x 10 ¹⁴ ohm-cm

CANUSA-EMI

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

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Dimensions

PART NUMBER REF. NO. (X)	CONDUCTOR SIZE (AWG/MCM)				SUGGESTED CRLS REPAIR SLEEVE
	5kV	8kV	15kV	25/28kV	
1	#6-2/0 2/0-500	#6-2/0 2/0-450	#2-2/0		CRLS-2-8 CRLS-3-8
2	500-1000	500-1000	2/0-250 350-1000	#2-250 350-750	CRLS-3-10 CRLS-4-10
3	1250-2500	1250-2500	1250-2500	1000-1750 2000-2500	CRLS-5-12 CRLS-6-12

Ordering

Select the appropriate cabling numbers of the CFGK kit and the CRLS Sleeve (if required), from the above table based on Cable Conductor Size and Voltage Class. Check the cable dimensions to be sure they conform to the selected kit size.

To Order:

Order Ref. No.

CFGK - X

Kit Contents: 1 Spring Clamp, 1 Copper Ground Band, 1 piece Adhesive-Backed Copper Tape and CTSB-2 Tape Sealant to prevent enclosure infiltrations.

Custom sized kits are available upon request

CRLS sleeves are ordered separately. Suggested CRLS catalog numbers are produced in appropriate widths to match CFGK part number, cable size and cable jacket ring cut opening.

Note: Custom sized kits are available on request.