



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 2218736

Master Contract: 151933

Project: 2429874

Date Issued: July 19, 2011

Issued to: Killark Electric Manufacturing Co.

3940 Dr. Martin Luther King Dr.
St. Louis, MO 63113
USA
Attention: Tom Michalski

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



D. Somma

Issued by: D. Somma, C.E.T.

PRODUCTS

CLASS 3428 82 - FIXTURES AND FITTINGS-Fixture Fittings - For Hazardous Locations-Certified to U.S. Standards

CLASS 3428 02 - FIXTURES AND FITTINGS - Fixture Fittings - For Hazardous Locations

CLASS 4418 83 - CONDUIT FITTINGS - Fittings - For Hazardous Locations - Certified to US Standards

CLASS 4418 03 - CONDUIT FITTINGS - Fittings - For Hazardous Locations

PART A

CLASS 4418 03 – CONDUIT FITTING – Fittings for Metal Conduit – For Hazardous Locations

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Flexible connection fittings, rain-tight, Series EKJ and EKJ***SS conduit sizes 1/2, 3/4, 1, 1-1/4, 1-1/2 and 2.0 inches, with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 10 in. for the 1/2 in., 12 in. for the 3/4 in., 14 in. for the 1 and 1-1/4 in. and 16 in. for the 1-1/2 in. and 2 in. Series EKJ***SS conduit size 2-1/2 in. with flexible lengths ranging from 12 to 36 in. Inside radii of bends should not be less than 24 in. for the 2-1/2 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex. EKJ***SS may have UF prior to the SS, may have MF or FF after the SS may be followed by Ex. Series ECF conduit sizes 1/2, 3/4 and 1 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 10 in. for the 1/2 in., 12 in. for the 3/4 in. and 14 in. for the 1 in. ECF may be followed by UF, may be followed by MF or FF, maybe followed by Ex.



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- Flexible connection fittings, rain-tight, Series EKJ-S*** conduit size 2-1/2 in., with flexible lengths ranging from 12 to 36 in. Inside radii of bends should not be less than 24 in. for the 2-1/2 in.

Class I, Groups C and D; Class II, Groups E, F and G; Class III:

- Flexible connection fittings, rain-tight, Series EKJ***SS conduit sizes 3 and 4 in. with flexible lengths ranging from 12 to 36 in. Inside radii of bends should not be less than 36 in. for the 3 in., and 48 in. for the 4 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex. EKJ***SS may have UF prior to the SS, may have MF or FF after the SS may be followed by Ex.
- Flexible connection fittings, rain-tight, Series EKJ-S*** conduit sizes 3 and 4 in., with flexible lengths ranging from 12 to 36 in. Inside radii of bends should not be less than 36 in. for the 3 in., and 48 in. for the 4 in.

CLASS 4418 83 – CONDUIT FITTING – Fittings for Metal Conduit – For Hazardous Locations – Certified to US Standards

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Flexible connection fittings, rain-tight, Series EKJ conduit size 1/2 and 3/4 in. and EKJ***SS conduit sizes 1/2 and 3/4 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 10 in. for the 1/2 in. and 12 in. for the 3/4 in. Series ECF conduit size 3/4 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 12 in. for the 3/4 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex. EKJ***SS may have UF prior to the SS, may have MF or FF after the SS may be followed by Ex.

Class I, Groups C and D; Class II, Groups E, F and G; Class III:

- Flexible connection fittings, rain-tight, Series EKJ and EKJ***SS conduit sizes 1, 1-1/4, 1-1/2 and 2 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 14 in. for the 1 and 1-1/4 in. and 16 in. for the 1-1/2 and 2 in. Series ECF conduit size 1 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bend should not be less than 14 in. for the 1 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex. EKJ***SS may have UF prior to the SS, may have MF or FF after the SS may be followed by Ex.

PART B

PRODUCTS

CLASS 3428 02 - FIXTURES AND FITTINGS-For Hazardous Locations

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:

- Flexible fixture fittings, rain-tight, Series EKJ, conduit sizes 1/2, 3/4 and 1 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 10 in. for the 1/2 in., 12 in. for the 3/4 in. and 14 in. for the 1 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex.

CLASS 3428 82 - FIXTURES AND FITTINGS-For Hazardous Locations-Certified to U.S. Standards

Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III:



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- Flexible fixture fittings, rain-tight, Series EKJ, conduit size 1/2 and 3/4 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bends should not be less than 10 in. for the 1/2 in. and 12 in. for the 3/4 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex.

Class I, Groups C and D; Class II, Groups E, F and G; Class III:

- Flexible fixture fittings, rain-tight, Series EKJ, conduit size 1 in. with flexible lengths ranging from 4 to 36 in. Inside radii of bend should not be less than 14 in. for the 1 in. EKJ may be followed by UF, may be followed by MF or FF, maybe followed by Ex.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 0-10	General Requirements
CAN/CSA-C22.2 No 25-1966	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CAN/CSA-C22.2 No 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations.
CAN/CSA-C22.2 No. 0.4-M1982	Bonding and Grounding of Electrical Equipment (Protective Grounding)
CAN/CSA-C22.2 No 94-M91	Special Purpose Enclosures – For Industrial Equipment
ANSI/UL 50E (11th ed.)	Enclosures for Electrical Equipment
ANSI/UL 886 (10th ed.)	Outlet Boxes and Fittings for use in Hazardous (Classified) Locations
ANSI/UL 1203 (4th ed.)	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For use in Hazardous (Classified) Locations

MARKINGS

Metal name plate fits over the outer braid is secured by steel strapping which fits through slots at the ends of the name plate;

Manufacturer's name, Trade Mark or Master Contract Number;



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Catalogue Number Designation;

Hazardous Locations Designation (Class I Groups A, B, C and D; Class II Groups E, F and G; Class III. Or I ABCD; II EFG; III as described in the report); Optionally may be marked with the addition of Zone Marking (e.g. Class I, Zone 1, Groups IIA, IIB, IIC)

Trade Size;

Raintight;

cCSAus monogram.