



Certificate of Compliance

Certificate: 2536624

Master Contract: 151933

Project: 2536624

Date Issued: January 31, 2013

Issued to: Killark Electric Manufacturing Co.

3940 Dr. Martin Luther King Dr.
St. Louis, MO 63113
USA
Attention: Bill Maass

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

PRODUCTS

CLASS 4418 85 - CABLE-Hardware - For Hazardous Locations-Certified to U.S. Standards
CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

CLASS 4418-05 - CABLE-Hardware - For Hazardous Locations

Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups E, F and G; Class III, CSA Types 3 and 4

- Integrally Sealed Cable Glands MCX1C, MCX2, MCX3 & MCX4. Trade Sizes ½” through 1-1/4” for use with certified cables, jacketed with corrugated or interlock metal armor types TECK 90/HL, RA-90/HL, AC-90/HL or ACWU-90/HL cables.

Note: The glands are also for use with certified cables, jacketed with corrugated or interlock metal armor types TECK 90, RA-90, AC-90 or ACWU-90 cables when these cables are allowed per the CEC wiring method.



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Class I, II, III; Class II, Division 1, Groups E, F and G; CSA Types 3 and 4

- Cable Glands Series Types MC1C, MC2, MC3 & MC4. Trade Sizes ½” through 1-1/4” for use with certified cables, jacketed with corrugated or interlock metal armor types TECK 90/HL, RA-90/HL, AC-90/HL or ACWU-90/HL cables.

Note: The glands are also for use with certified cables, jacketed with corrugated or interlock metal armor types TECK 90, RA-90, AC-90 or ACWU-90 cables when these cables are allowed per the CEC wiring method.

CLASS 4418-85 - CABLE-Hardware-For Hazardous Locations-Certified to U.S. Standards

Class I, Division 1, Groups A, B, C, and D; Class II, Division 1, Groups E, F and G; Class III, CSA Types 3 and 4

- Integrally Sealed Cable Glands MCX1C, MCX2, MCX3 & MCX4. Trade Sizes ½” through 1-1/4” for use with certified cables, jacketed with corrugated or interlock metal armor types MC-HL or ITC-HL cables.

Note: The glands are also for use with certified cables, jacketed with corrugated or interlock metal armor types MCI, MCI-A, MCC, ACG, or MC cables when these cables are allowed per the NEC wiring method.

Class I, Division 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F and G; Class III, CSA Types 3 and 4

- Cable Glands Series Types MC1C, MC2, MC3 and MC4. Trade Sizes ½” through 1-1/4” for use with certified cables, jacketed with corrugated or interlock metal armor types ITC-HL, MC-HL cables.

Note: The glands are also for use with certified cables, jacketed with corrugated or interlock metal armor types MCI, MCI-A, MCC, ACG, or MC cables when these cables are allowed per the NEC wiring method.

APPLICABLE REQUIREMENTS



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- | | |
|-----------------------------|---|
| CAN/CSA-C22.2 No 0-10 | - General Requirements - Canadian Electrical Code, Part II |
| CAN/CSA-C22.2 No 18.3-04 | - Conduit, Tubing and Cable Fittings |
| 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 |
| CAN/CSA-C22.2 No 174-M1984 | - Cables and Cable Glands for Use in Hazardous Locations |
| ANSI/UL Standard 514 B-2009 | - Fittings For Conduit and Outlet Boxes |
| ANSI/UL Standard 2225-2011 | - Cables and Cable-Fittings For Use In Hazardous (Classified) Locations |

MARKINGS

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

Markings shall be one of the following types. Embossed, cast, etched, molded, die stamped, paint stenciled, indelibly stamped on a pressure sensitive label secured by adhesive and complying with CSA C22.2 No. 0.15 or UL 969, or a metal nameplate that is permanently attached to the fitting by means of drive screws or pins.

The following markings must appear on the product:

- Company name, company logo, company trademark, or CSA file number; - Catalogue number or equivalent designation;
- Thread Size;
- Hazardous locations designation;

For the MCX series:

- Class I, Div. 1 Gr. A,B,C,D, Class II, Div. 1 Gr. E,F,G, Class III (may be optionally marked with Class I, Zone 1, Group IIC, Zone 20)

- SL

For the MC series:

- Class I, Div. 2 Gr. A,B,C,D, Class II, Div. 1 Gr. E,F,G, Class III, (may be optionally marked with Class I, Zone 2, Group IIC, Zone 20)



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The following markings must appear on the product unless there is not enough room to legibly apply the markings to the product. Then the following markings may be applied to the smallest unit of package in lieu of applying the markings to the product.

- CSA Mark with the c us indicator;
- Type 3, 4
- The smallest and largest cable diameter for which the fitting is intended to be used.

The following markings are applied only to the carton label.

- Wet Locations
- The type of cable and range of cable diameters for which the fitting is intended to be used. The cable type markings are as follows:

“Metal-Clad Interlocking Armor Cable Type” or “MCI”

“Metal-Clad Interlocking Armor Ground Cable Type” or “MCI-A”

“Metal-Clad Continuous Corrugated Sheath Armor Cable Type” or “MCC”

“ACG” for cable Types ACG90 and ACGWU90

Optional markings may include the following:

- Approved cables:
 - MC-HL; RA90; RA90-HL; AC90; AC90-HL; ACWU90; ACWU90-HL, TECK90; TECK90-HL;
- Ambient temperatures:
 - -50 to +60°C;

From UL 2225 37.15 each fitting or each package of sealing compound shall be provided with instructions containing the following information:

- a) Preparation of dams, if required.
- b) The installation instructions shall specify the maximum diameter over conductors of the cable that the entry is intended to accept and the maximum numbers of conductors that can pass through the compound.
- c) Filling or assembly instructions.



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d) A statement including the following:

- 1) Specific temperature below which the seal should not be formed.
- 2) Period of time the fitting must be at, or above, the given temperature in order that the seal will set properly.