Certificate of Compliance

Certificate: 70013827 **Master Contract:** 151933

Project: 70013827 **Date Issued:** April 21, 2015

Issued to: **Killark Electric Manufacturing Co.**

3940 Dr. Martin Luther King Dr.
St. Louis, MO 63113
USA
Attention: Thomas J. 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.

Joe DaSilva

Issued by: Joe DaSilva

PRODUCTS

CLASS 4418 82 - OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations - Certified to US Standards

CLASS 4418 02 - OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations

Class II, Groups E, F and G; Class III, CSA Enclosures Type 4 or 4X IP66;

Ex tb/Zone 21 AEx tb, IIIC, T80°C/T100°C/T130°C Db

- SJIC*-JB, SJICH*-JB and USF*-JB Series Junction Boxes
- Cat. No. SPM followed by a five or six-digit number, maybe followed by additional letters and numbers.

Note - Enclosure Type 4 applies to enclosures fabricated from painted carbon steel while Enclosure Type 4X applies to enclosures fabricated from either stainless steel 304 or 316 grade.

CLASS 3218 06 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus - For Hazardous Locations

CLASS 3218 86 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus - For Hazardous Locations- Certified to U.S. Standards

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Cl. I, Div. 2, Gps. A, B, C, and D; Ex e/ Cl. I, Zone 1 AEx e IIC; CSA Encl. Type 4 or 4X, IP66;

Ta = -50°C to +40°C (Temp. Code T6) or +55°C (Temp. Code T5) or +90°C(Temp. Code T4);

Cl. II, Gps. E, F and G, Class III; Ex tb/Zone 21, AEx tb, IIIC, T80°C/T100°C/T130°C Db;

CSA Encl. Type 4 or 4X, IP66;

- SJIC, SJICH and USF Series Terminal Boxes, Rated 600Vac (max) with wattage dissipation from 2Watts to 57.3 Watts for screw type terminals and from 1.0 Watts to 28.6 Watts max for cage clamp type terminals.
- Cat. No. SP followed by a letter, followed by a five or six-digit number, maybe followed by additional letters and numbers, Rated 600Vac (max) with wattage dissipation from 2Watts to 57.3 Watts for screw type terminals and from 1.0 Watts to 28.6 Watts max for cage clamp type terminals.

Note –

1/ Terminal boxes are provided with CSA certified and UL listed terminal assemblies and as such the electrical voltage rating and wire size range for the terminal boxes is limited to the CSA and UL certification listing of the terminal assemblies and the current and/or wattage rating maybe determined (Calculated) by the required temperature code rating so long as the current or wattage rating does not exceed the CSA and UL certification listing rating for the terminal assemblies, see manufactures installation instructions.

2/ Enclosure Type 4 applies to enclosures fabricated from painted carbon steel while Enclosure Type 4X applies to enclosures fabricated from either stainless steel 304 or 316 grade.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 0-10	-	General Requirements
CAN/CSA-C22.2 No 14-13	-	Industrial Control Equipment
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 94-M91	-	Special Purpose Enclosures
CAN/CSA-C22.2 No 213-M1987	-	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
ANSI/UL Standard No. 50E:2007	-	Enclosures for Electrical Equipment, Environmental Considerations
ANSI/UL Standard No. 508A:2013	-	Industrial Control Panels

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ANSI/UL Standard No. 1203:2013 - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

ANSI/ISA-12.12.01-2013 - Non-incendive Electrical Equipment for Use in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 Hazardous Locations

CAN/CSA 60079-0:11 - Explosive Atmospheres- Part 0: General Requirements

CAN/CSA 60079-7:12 - Explosive Atmospheres- Part 7: Equipment protection by increased safety “e”

CAN/CSA 60079-31:12 - Explosive Atmospheres- Part 31: Equipment dust ignition protection by enclosure “t”

CAN/CSA 60529:05 - Degrees of Protection

ANSI/ISA 60079-0:13 - Explosive Atmospheres- Part 0: General Requirements

ANSI/ISA 60079-7:13 - Explosive Atmospheres- Part 7: Equipment protection by increased safety “e”

ANSI/ISA 60079-31:09 - Explosive Atmospheres- Part 31: Equipment dust ignition protection by enclosure “t”

ANSI/IEC 60529-2004 - Degrees of Protection Provided by Enclosure (IP Code)