



Certificate of Compliance

Certificate: 2356952

Master Contract: 164460

Project: 2731242

Date Issued: June 18, 2014

Issued to: EGS Electrical Group LLC

9377 W Higgins Rd
Rosemont, IL 60018
USA

Attention: Leonard Steinbeigle

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.



Ezio Migliozi

Issued by: Ezio Migliozi

PRODUCTS

CLASS 3218 01 - INDUSTRIAL CONTROL EQUIPMENT - Custom Built - For Hazardous Locations

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

CLASS 3218 01 Industrial Control Equipment – Custom Built – For Hazardous Locations

Class I, Div 2, Groups A, B, C and D; Class II, Groups E, F and G; Class III, Type 4X**

Ex de IIC; DIP A21, IP66

Custom built, Unicode 2 control stations, and Type CSPe (polyester), or Type JBe (stainless steel), control station enclosures. Control stations may feature optional Type CVe contact blocks and pilot lights, Series US16 rotary switch, and Type TCe operator heads.

Notes:

- **Overall hazardous location rating depends on the rating of the optional Certified components used.



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- Overall ambient rating is limited by the ratings of the optional Certified components used in the assembly.
- Type 4X rating of the enclosure is determined by the lowest Type rating of any devices which are interfaced with the enclosure.
- The overall IP rating of the enclosure is governed by the lowest IP rating of any device(s) installed on the enclosure. DIP A21 require a IP66 rating be maintained on the enclosure with or without installed devices or accessories.
- Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.

CLASS 3218 86 Industrial Control Equipment – Miscellaneous Apparatus – For Hazardous Locations – Certified to US standards

Class I, Div 2, Groups A, B, C and D; Class II, Groups F and G, Class III; Type 4X**

Class I, Zone 1, AEx de IIC; AEx tD 21, IP66

Custom built Unicode 2 control stations, and Type CSPe (polyester), or Type JBe (stainless steel), control station enclosures. Control stations may feature optional Type CVe contact blocks and pilot lights, Series US16 rotary switch and Type TCe operator heads.

Notes:

- **Overall hazardous location rating depends on the rating of the optional Certified components used.
- Overall ambient rating is limited by the ratings of the optional Certified components used in the assembly.
- Type 4X rating of the enclosure is determined by the lowest Type rating of any devices which are interfaced with the enclosure.
- The overall IP rating of the enclosure is governed by the lowest IP rating of any device(s) installed on the enclosure. AEx tD 21 require a IP66 rating be maintained on the enclosure with or without installed devices or accessories.
- Conduit hubs and cable glands must be suitable for applicable hazardous location classification as determined by the local jurisdictional authority.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-M91	-	General Requirements-Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 14-05	-	Industrial Control Equipment
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



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CSA C22.2 No. 60079-0:07	-	Electrical apparatus for explosive gas atmospheres - Part 0: General Requirements
CSA C22.2 No. 60079-1:07	-	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof Enclosures "d"
CAN/CSA E60079-7-03	-	Electrical apparatus for explosive gas atmospheres – Part 7: Equipment protection by increased safety “e”
CAN/CSA C22.2 No. 60529:05	-	Degrees of protection provided by enclosures (IP Code)
CAN/CSA E61241-1-1:02	-	Electrical apparatus for use in the presence of combustible dust – Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation – Specification for apparatus
UL 50, 11th Edition	-	Enclosures for Electrical Equipment
UL 508, 17th Edition	-	Industrial Control Equipment
ANSI/ISA 12.12.01-2011	-	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL 60079-0, 5th Ed	-	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
UL 60079-1, 6th Ed	-	Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures “d”
UL 60079-7, 4th Ed	-	Electrical apparatus for explosive gas atmospheres – Part 7: Equipment protection by increased safety “e”
ANSI/ISA 61241-0(12.10.02)-2006	-	Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – General requirements
ANSI/ISA 61241-1(12.10.03)-2006	-	Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – Protection by Enclosures “tD”