



Certificate of Compliance

Certificate: 70018627

Master Contract: 252935

Project: 70018627

Date Issued: July 14, 2015

Issued to: Hohner Automation Ltd
Whitegate Industrial Estate
Wrexham, LL13 8UG
THE UNITED KINGDOM

Attention: Mr. Carl Collinge

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



Issued by: Sripriya
Kalyanasundaram

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity - For Hazardous Locations
CLASS 2258 84 - PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity - For Hazardous Locations - Certified to US Standards

[Ex ia Ga] IIC
[Ex ia Da] IIIC
[AEx ia Ga] IIC
[AEx ia Da] IIIC

Associated Equipment for
Class I, Division 1, Groups A, B,C and D
Class II, Division 1, Groups E, F and G
Class III

Galvanic Isolator Type IB/ ID/ SPIB-001/SPID-001

Entity parameters: Um: 250 Vac, Uo: 27.8 V, Io: 98 mA, Po: 680 mW, Ci: 12 nF
Division Entity Parameters: Voc: 27.8 V, Isc: 98 mA, Po: 680 mW, Ci: 12 nF
Ta = -40°C to +60°C



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Notes:

1) This device is OPEN type equipment that must be used within a suitable end-use system enclosure, the interior of which is accessible only through the use of a tool. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 <i>August 2011</i>	General requirements - Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 61010-1-12 <i>(May 2012)</i>	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
CAN/CSA-C22.2 No. 60079-0:11 <i>(December 2011)</i>	Explosive atmospheres – Part 0: Equipment – General requirements
CAN/CSA-C22.2 No. 60079-11:14 <i>(February 2014)</i>	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety “i”
CAN/CSA-C22.2 No. 157-92 – 2012	Intrinsically Safe and Non- Incendive Equipment for use in Hazardous location
ANSI/UL 60079-0-2013 Sixth Edition (July 26, 2013)	Explosive atmospheres - Part 0: Equipment – General requirements
ANSI/UL 60079-11 – 2013 Sixth Edition (September 6, 2013)	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety “i”
ANSI/UL 61010-1-2012 Third Edition (May 11, 2012)	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
ANSI/UL 913 – 2013 Eighth Edition	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II and III, Division I, Hazardous Locations

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings are provided on one or more CSA Accepted (Class 7921.xx) or UL Recognized to Canadian requirements (PGDQ8) and UL Recognized (PGDQ2) or CSA Accepted to US Standards (Class 7921.8x) pre-printed adhesive nameplate, which is suitable for indoor use on polycarbonate, at a maximum service temperature of 70°C or higher. Nameplates are affixed to the side of the housing (one on each side). Alternatively the markings can be etched or engraved on the housing.

- Manufacturer’s name: "Hohner Automation Ltd", or CSA Master Contract Number “252935”, adjacent to the CSA Mark in lieu of manufacturer’s name.
- Model number: As specified in the PRODUCTS section, above.



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- Electrical entity parameter ratings: “Um: 250 Vac, Uo: 27.8 V, Io: 98 mA, Po: 680 mW, Ci: 12 nF” and the Division entity parameters: “Voc: 27.8 V, Isc: 98 mA, Po: 680 mW, Ci: 12 nF”.
- ISO 60417, Symbol 5031 \equiv adjacent to the DC input terminal ratings.
- Ambient temperature rating: “Ta = -40°C to +60°C”.
- Manufacturing date in MMY format, or serial number, traceable to year and month of manufacture.
- The CSA Mark with or without “C” and “US” indicators, as shown on the Certificate of Conformity.
- Hazardous Location Method of Protection markings (Ex markings): “ASSOCIATED EQUIPMENT for Class I, Division 1, Groups A, B, C and D”, “[Ex ia Ga] IIC”, “[Ex ia Da] IIC”, “[AEx ia Ga] IIC” and “[AEx ia Da] IIC”. The word “Class” may be abbreviated “CL”, the word “Division” may be abbreviated “DIV” or “DV”, and the word “Groups” may be abbreviated “GRP” or “GP”. The words: “ASSOCIATED EQUIPMENT”, may be substituted with “ASSOCIATED APPARATUS”, or “ASSOCIATED DEVICE”.
- The following marks and words: (Marked in English and French)
 - “WARNING: 1.Substitutions of components may impair intrinsic safety. 2. Intrinsically safe when installed per installation drawing ‘CSA-INS-GALISO-01’”.

The wiring terminals shall be permanently marked with designations adjacent to each terminal.

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