



Certificate of Compliance

Certificate: 70208660 **Master Contract:** 150143 (034525_0_000)
Project: 70208660 **Date Issued:** 2019-02-04
Issued to: Altronic Inc.
712 Trumbull Ave
Girard, Ohio 44420
USA
Attention: Glenn Terry

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: Semyon Baum
Semyon Baum

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Class I, Division 2, Groups C, D; T4

DE-4000 HMI Display Module part number 691766: Rated 10 to 32Vdc, 245mA at 24 Vdc. Ambient temperature -30°C to 80°C.

DE-4000 Controller Module part number 691759: Rated 10 to 32Vdc, 210mA at 24 Vdc. Ambient temperature -40°C to 85°C.

Class I, Division 2, Groups C, D; T3C

DE-4000 Terminal Module part number 691760: Rated 10 to 32Vdc, 230mA at 24 Vdc. Ambient temperature -40°C to 85°C, Temperature Code T3C.

Condition of Certification

When the part numbers; 691759, 691760, and 691766 are installed in hazardous area, it shall be installed in a suitable enclosure which provides an ingress protection minimum level of IP54 (splash protected).



Certificate: 70208660
Project: 70208660

Master Contract: 150143
Date Issued: 2019-02-04

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10	General requirements — Canadian Electrical Code, Part II
CSA C22.2 NO. 61010-1-12	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements - Third Edition
CAN/CSA C22.2 NO. 213-17	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/UL 61010-1	Standard for Safety Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements - Third Edition
ANSI/ISA-121201-2017	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) 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 products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings appear on .005 inch Lexan plastic with 3M type 467 or 468 adhesive backing manufactured by McLoone Metal Graphics Co.

- Manufacturers name: "Altronic", or CSA Master Contract Number "150143", adjacent to the CSA Mark in lieu of manufacturers name.
- Model number, as specified in the PRODUCTS section, above.
- Electrical ratings, as specified in the PRODUCTS section, above.
- Ambient temperature rating, as specified in the PRODUCTS section, above.
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- The CSA Mark with or without the "c" and/or "us" indicators.
- Hazardous Location designation, as specified in the PRODUCTS section, above.
- Temperature code, as specified in the PRODUCTS section, above.
- "WARNING - Explosion Hazard - Do not connect or disconnect this equipment unless power has been removed or the area is known to be nonhazardous."

An installation manual or data sheet shall be supplied with each unit, containing the following minimum marking information:

- Manufacturers name or CSA Master Contract Number "150143"



Certificate: 70208660

Master Contract: 150143

Project: 70208660

Date Issued: 2019-02-04

- Electrical ratings, as specified in the PRODUCTS section, above.
- Specification for ambient temperature rating, as specified in the PRODUCTS section, above.
- Specification for appropriate wiring to the connector, including specification for wire gauge.
- The following words, or suitable equivalent:
 - This equipment is suitable for installation in Class I, Division 2, Group C, D hazardous locations or nonhazardous locations only.
 - WARNING - Explosion Hazard. Do not connect or disconnect this equipment unless power has been removed or the area is known to be nonhazardous.
 - WARNING - Explosion Hazard. Substitution of components may impair suitability for Class I, Division 2.
 -
 - *Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*



Supplement to Certificate of Compliance

Certificate: 70208660

Master Contract: 150143 (034525_0_000)

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70208660	2019-02-04	Evaluation for original assessment to include individual product listings of display module, terminal module, control module, for the DE-4000 safety shutdown and control system for cCSAus certification Class I, Division 2, Groups CD.