



Certificate of Compliance

Certificate: 2488581

Master Contract: 249853

Project: 70173720

Date Issued: March 16, 2018

Issued to: HMi Elements Limited
Unit A & B
Windmill Industrial Estate
Showfield Lane
Malton,
North Yorkshire
YO17 6BT
UNITED KINGDOM

Attention: Mr. David Watson

The products listed below 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 US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by:

A handwritten signature in black ink, appearing to read 'James Jarman'.

James Jarman

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT- For Hazardous Locations

Class I, Div 2, Groups A, B, C, D; Temperature Code T4
Class II Div 1, Groups E, F, G; Temperature Code T135°C
Class III
Type 4X
Ex nA IIC T4
DIP A21 T100 °C IP66)



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CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to U.S. Standards

Class I, Div 2, Groups A, B, C, D; Temperature Code T4
Class II Div 1, Groups E, F, G; Temperature Code T135°C
Class III
Type 4X
Class I, Zone 2, AEx nA IIC T4
Zone 21 Ex tb IIIC T100°C IP66

Model Smart Ex 1202-Z2 Industrial Computer, rated:

- AC Power 90-264 Vac, 1.5 A, 50/60Hz
- Extended temp AC Power 90-264 Vac, 4 A, 50/60Hz
- DC Power 24 Vdc, 6 A
- Extended temp DC Power 24 Vdc, 18 A

Temperature range:

15" Version

- -20°C to +60°C (Standard)
- -40°C to +60°C (Heaters fitted)

19" Version

- -20°C to +55°C (Standard)
- -40°C to +55°C (Heaters fitted)

Notes:

- Available with or without non-incendive interface
- Available with heaters for extended temperature range of -40°C



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APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0-10	Requirements-Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 25-1966	Enclosures for Use in Class II Groups E, F, G Hazardous Locations
CAN/CSA-C22.2 No 60079-0-07	Electrical apparatus for explosive gas atmospheres - General Requirements
CAN/CSA-C22.2 No 60079-1-07	Electrical apparatus for explosive gas atmospheres - Construction and Verification test of flameproof enclosures of electrical apparatus
CAN/CSA-C22.2 No 61241-1-1	Electrical apparatus for use in the presence of combustible dust-Part 1: electrical apparatus protected by enclosures
CAN/CSA C22.2 No. 94.1-07	Enclosures for Electrical Equipment, Non-Environmental Considerations
CAN/CSA C22.2 No. 94.2-07	Enclosures for Electrical Equipment, Environmental Considerations
CAN/CSA C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Location
CAN/CSA-C22.2 No. 60529-05	Degrees of protection provided by enclosures (IP code)
CAN/CSA-C22.2 No. 61010-1 Second Edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements
ANSI/ ISA 12.12.01-07	Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations
ISA 60079-0-07	Electrical apparatus for explosive gas atmospheres - General Requirements
ISA 60079-15-2009	Electrical apparatus for use in Class I, Zone 2 Hazardous (Classified) Locations: Type of Protection “n”
ISA 60079-31-2009	Explosive atmospheres – part 31: Equipment dust ignition protection by enclosure “t”
ISA 60529-05	Degrees of protection provided by enclosures (IP code)
UL 50 Twelfth Edition	Enclosures for Electrical Equipment, Non-Environmental Considerations
UL 50E First Edition	Enclosures for Electrical Equipment, Environmental Considerations
UL 61010-1 Second Edition	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 1: General Requirements
UL 1203 Fourth Edition	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations



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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 marking shall be provided on permanent, 0.5 mm thick metal nameplate secured by drive pins or non-removable screws in blind holes, or cast, etched or engraved in the enclosure surface,

- Manufacturer's name or CSA Master Contract number adjacent the CSA Mark, in lieu of manufacturer's name.
- Model designation, as specified in the PRODUCTS section, above.
- Complete electrical rating, as specified in the PRODUCTS section, above.
- Maximum ambient temperature rating, as specified in the PRODUCTS section, above.
- Date code / Serial number traceable to month and year of manufacture.
- Enclosure type ratings, as specified in the PRODUCTS section, above.
- 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.
- The words: "WARNING – EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2. And "WARNING – DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED"

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".