



Certificate of Compliance

Certificate: 80031021

Master Contract: 242690

Project: 80069161

Date Issued: 05 January 2022

Issued to: MSA Europe GmbH
Schlüsselstraße 12
St. Gallen 8645 Rapperswil-Jona
SWITZERLAND
Attention: Frank Scheidemann

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.



Jeremy Lim

Issued by:

PRODUCTS

CLASS 2252 06 – PROCESS CONTROL EQUIPMENT

CLASS 2252 86 – PROCESS CONTROL EQUIPMENT – (Certified to U.S. Standards)

Product: MSA Altair io360 Hub
SCBA Telemetry Version consists of:
MSA HUB Fire Service
MSA HUB Fire Service for Truck Installation

Ratings: 24 V DC / 5 W

The HUB is an industrial gateway that enables mesh connectivity with ALTAIR io360 Gas Detectors. It acts as a gateway to Safety io Grid and/or mobile devices for monitoring and management.



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Conditions of Acceptability

To fulfil the requirements of the present standard the following tests and considerations must be fulfilled in combination with the end-use product.

- 1) The device may only be powered by a power supply unit with a limited energy electric circuit in accordance with CSA/UL/EN/IEC 61010-1:2010 chapter 9.4 or class 2 according to CSA 223/UL 1310.
- 2) If at any time there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence.
- 3) Equipment has only been tested for electrical safety. No evaluations of functional safety and performance characteristics have been performed.
- 4) Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.

The equipment has been tested for use in ambient temperature of -20 °C to +60 °C

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-12 -	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
UL Std. No. 61010-1 (3 rd Edition) -	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements



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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.



1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Marking on the unit that indicates the manufacturing location if the equipment is manufactured at more than one factory location;
3. Model designation;
4. Electrical rating;
5. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale).

Mark	Symbol	Reference	Title	Mark	Symbol	Reference	Title
		IEC 60417-5031	Direct current			ISO 7000-0434A	Caution