



Certificate of Compliance

Certificate: 2454406

Master Contract: 242690

Project: 70203885

Date Issued: 2019-08-26

Issued To: MSA EUROPE GmbH
Schlüsselstrasse 12
Rapperswil-Jona, ., 8645
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.



Issued by: *Bhas Nanavati*
Bhas Nanavati

PRODUCTS

CLASS 2252 05 - PROCESS CONTROL EQUIPMENT

CLASS 2252 85 - PROCESS CONTROL EQUIPMENT – Certified to US Standards

- Series SUPREMA TOUCH Gas Warning Unit, 256 channel (ordinary locations only), input voltage 85-265 Vac, 47-63 Hz, (150W / 250W); 120-330VDC or 24Vdc +/- 20%, 6.5A or battery supply input 24V +/- 20%, 6.5A; relay contacts 3A @ 250V ac/dc (see load limit curve). Ambient temperature: 5 °C to + 55 °C. Installation category II, Pollution degree 2.

CLASS 4828 01 - SIGNAL APPLIANCES - Combustible Gas Detection Instruments - For Hazardous Locations

CLASS 4828 81 - SIGNAL APPLIANCES - Combustible Gas Detection Instruments - For Hazardous Locations–
Certified to US Standards

- Series SUPREMA TOUCH Gas Warning Unit, 256 channel (ordinary locations only), input voltage 85-265 Vac, 47-63 Hz, (150W / 250W); 120-330VDC or 24Vdc +/- 20%, 6.5A or battery supply



Certificate: 2454406
Project: 70203885

Master Contract: 242690
Date Issued: 2019-08-26

input 24V +/- 20%, 6.5A; relay contacts 3A @ 250V ac/dc (see load limit curve). Ambient temperature: 5 °C to + 55 °C. Installation category II, Pollution degree 2. Signal input must be connected to CSA certified 4-20 mA performance tested combustible transmitters.

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations
CLASS 4828 82 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations—
Certified to US Standards

- Series SUPREMA TOUCH Gas Warning Unit, 256 channel (ordinary locations only), input voltage 85-265 Vac, 47-63 Hz, (150W / 250W); 120-330VDC or 24Vdc +/- 20%, 6.5A or battery supply input 24V +/- 20%, 6.5A; relay contacts 3A @ 250V ac/dc (see load limit curve). Ambient temperature: 5 °C to + 55 °C. Installation category II, Pollution degree 2.

APPLICABLE REQUIREMENTS

- | | | |
|---|---|---|
| CAN/CSA-C22.2 No. 61010-1-04 | - | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements |
| UL Std. No. 61010-1 (2 nd Edition) | - | Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements |
| CSA Std. C22.2 No.152-M1984 | - | Combustible Gas Detection Instruments |
| ANSI/ISA – 12.13.01-2000 | - | Performance requirements for combustible gas detectors |
| CSA C22.2 No. 60079-29-1:12 | - | Gas Detectors - Performance requirements for flammable gases (Adopted IEC 60079-29-1:07 Ed. 1 with Canadian Deviations) |
| ANSI/ISA 60079-29-1:13 | - | Gas Detectors - Performance requirements for flammable gases (Adopted IEC 60079-29-1:07 Ed. 1 with U.S. National Differences) |



Certificate: 2454406
Project: 70203885

Master Contract: 242690
Date Issued: 2019-08-26



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. The submittor's name.
2. Model designation.
3. Electrical ratings: Input and output.
4. Date of manufacture.
5. Temperature rating.
6. The CSA Monogram with C/US subscript: .
7. The words "C22.2 No.152 for combustible gas only"
8. The words "ISA 12.13"
9. Field connection identification.
10. AC terminals.
11. Fuse(s) replacement value.
12. The IEC 348 symbol  indicating "Attention: Consult Accompanying Documents".
13. The IEC 417 Symbols 5007-a and 5008-a ("I" and "O"), or equivalent, on or adjacent to the principal on/off switch/circuit breaker.
14. For relays RLY1- RLY8:

The following wordings shall appear in the Manual and on a label physically located on the front of the equipment in a location visible at all times: "DISCONNECT THE POWER BEFORE ACCESS"

Note: MSA SUPREMA TOUCH Gas Warning Unit may also be marked as a General Monitors CS600.



Supplement to Certificate of Compliance

Certificate: 2454406

Master Contract: 242690

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
70203885	2019-08-26	Update of report 245690 to cover new revision of SUPREMA TOUCH controller unit for gas detection. The update includes replacement and additions of hardware modules; New modules: MAI30 (replacement), MGI30 (new), MAR30 (replacement), MGR30 (new), MHS30 (new), MST20 (replacement), MAO20 (replacement), MBC20 (new), MCP20 (modified), MDO20 (modified), MRO10/20, Rack assembly (modified). Acceptance of Software Evaluation and Electromagnetic Immunity (EMC) reports done by third party. CSA C22.2 60079-29-1:12 & ANSI/ISA 60079-29-1:13 Construction and Performance Evaluation.
70006358	2014-10-20	Update to MSA AUER to model #Suprema Touch# Report 2454406, Project 2670592.
2670592	2013-11-05	Update the Report 2454406 to add private label of MSA model SUPREMA TOUCH for General Monitors as CS600.
2454406	2012-06-19	Original Certification.