



Certificate of Compliance

Certificate: 2454406

Master Contract: 242690

Project: 80234461

Date Issued: 2024-12-13

Issued to: MSA EUROPE GmbH
Schlüsselstrasse 12
Rapperswil-Jona, St. Gallen 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: Alison Cheng
Alison Cheng

PRODUCTS

Class 2252 05 PROCESS CONTROL EQUIPMENT - Process Control Equipment

Class 2252 85 PROCESS CONTROL EQUIPMENT - Certified to US Standards

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

Class 4828 02 SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations

Class 4828 81 SIGNAL APPLIANCES - Combustible Gas Detection Instruments - For Hazardous Location - Certified to U.S. Standards

Class 4828 82 SIGNAL APPLIANCES - Toxic Gas Detection Instruments- For Hazardous Locations - Certified to U.S. Standards

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

Model(s)	Input Voltage	Frequency	Power	Voltage	Current	Relay Contact Rating	Ambient Temp	Installation Category



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Series SUPREMA TOUCH Gas Warning Unit	85-265 Vac	47-63 Hz	150W / 250W	120-330VDC or 24Vdc +/- 20%	6.5A or battery supply input 24V +/- 20%, 6.5A	3A @ 250V ac/dc (see load limit curve)	5°C to + 55°C	II
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Model(s) (cont.)	Pollution Degree
Series SUPREMA TOUCH Gas Warning Unit	2

CLASS 2252 05 - PROCESS CONTROL EQUIPMENT

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

Series SUPREMA TOUCH Gas Warning Unit

Model(s)	Input Voltage	Frequency	Power	Voltage	Current	Relay Contact Rating	Ambient Temp	Installation Category
Series SUPREMA TOUCH Gas Warning Unit	85-265 Vac	47-63 Hz	150W / 250W	120-330VDC or 24Vdc +/- 20%	6.5A or battery supply input 24V +/- 20%, 6.5A	3A @ 250V ac/dc (see load limit curve)	5°C to + 55°C	II

Model(s) (cont.)	Pollution Degree
Series SUPREMA TOUCH Gas Warning Unit	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

Model(s)	Input Voltage	Frequency	Power	Voltage	Current	Relay Contact Rating	Ambient Temp	Installation Category
Series SUPREMA TOUCH Gas Warning Unit	85-265 Vac	47-63 Hz	150W / 250W	120-330VDC or 24Vdc +/- 20%	6.5A or battery supply input 24V +/- 20%, 6.5A	3A @ 250V ac/dc (see load limit curve)	5°C to + 55°C	II

Model(s) (cont.)	Pollution Degree



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Series SUPREMA TOUCH Gas Warning Unit

2

Signal input must be connected to CSA certified 4-20 mA performance tested combustible transmitters.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

UL 61010-1 - Second Edition - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

CAN/CSA C22.2 No. 60079-29-1:17 - Second Edition - Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases

UL 60079-29-1:2019 - Second Edition - Explosive Atmospheres – Part 29-1: Gas Detectors – Performance Requirements of Detectors for Flammable Gases

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:
8. The standard number "60079-29-1"
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 ("T" and "O"), or equivalent, on or adjacent to the principal



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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.



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Notes:

Products certified under Class(es) C225205, C225285, C482801, C482802, C482881, C482882 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*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
80234461	2024-12-13	Update to CSA Report 2454406 for Series SUPREMA TOUCH Gas Warning Unit for non-conformance issues noted in FIR dated July 17th, 2024 for (FC# 254072).
80188602	2024-10-29	Update to Report 2454406 for Series SUPREMA TOUCH Gas Warning Unit for minor hardware modifications and software updates for several modules and updates to latest editions of CSA/UL 60079-29-1.
70203885	2019-08-26	Update to 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 Report 2454406 MSA AUER to model #Suprema Touch#.
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.