



Certificate of Compliance

Certificate: 70102917

Master Contract: 167534

Project: 80033106

Date Issued: 2020-05-04

Issued To: MSA - The Safety Company
1000 Cranberry Woods Dr
Cranberry Township, Pennsylvania, 16066-5296
United States

Attention: Frederick Bock

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: *Dimcho Genov*
Dimcho Genov



PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Refrigerant leakage detector, model Chillgard 5000 and optional remote display

Rated 100 – 240 Vac, 50/60Hz, 200VA max; relay contacts 250Vac / 24Vdc, 8A rms

Remote display: Rated 24Vac/dc, 50/60Hz, 10W max.

Notes:

1. The above model is permanently connected, Pollution Degree 2, Measurement Category II.
2. Mode of operation: Continuous



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3. Environmental Conditions: 0 to 50 C, 2975m max
 4. Remote display to be supplied by a Class 2 or Limited Energy Source in accordance with CSA 61010-1-12.

APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA C22.2 No. 61010-1-12, AMD1 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Standards:

UL 61010-1, 3rd edition, AMD1 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements



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
80033106	2020-05-04	Update report to cover the addition of an optional remote display and evaluation to the Amendment 1 of 61010-1.
000070195025	2018-09-24	GCA-1482 : Evaluation to update 70102917 to include updated manual, no changes to product.
000070102917	2017-07-27	Certification of Refrigerant Monitor, model Chillgard 5000 for cCSAus mark and evaluation for the CB scheme to standards 61010-1. Electrical ratings 90-264Vac, 30W, 50-60Hz, 1-phase. Notes: 1) The quote doesn't include functional safety evaluation 2) All required samples and documentation to be received by December 1, 2016