



Certificate of Compliance

Certificate: 1309416

Master Contract: 185438

Project: 80115340

Date Issued: 2022-05-31

Issued To: ABB Electrification Sweden AB
SE-721
Vasteras, Vastmanland County, 61
Sweden

Attention: Anette Wester-Odbratt

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: *Wardell Dumas*
Wardell Dumas



PRODUCTS

CLASS - C225205 - PROCESS CONTROL EQUIPMENT Process Control Equipment

CLASS - C225285 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Sensors system, Vital Solution

Vital Solution Module Description:



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Description	Model	Ratings
Controller	Vital1 ver H	Supply: 24Vdc, 3-48W; Source: 24Vdc, max 45W; IP40
No-sensor plug	Tina 1A	24Vdc, 25mA, IP67
Adaptors	Tina 2A / 2B	24Vdc, 25mA, IP67
Adaptors	Tina 3A / 3A PS	24Vdc, 35mA, IP67
Connection block	Tina 4A ver H	24Vdc, 25mA, IP67
Adaptors	Tina 6A	24Vdc, 47mA, IP67
Adaptors	Tina 7A	24Vdc, 35mA, IP20
Connection block	Tina 8A ver H	24Vdc, 25mA, IP67
Adaptors	Tina 10A / 10B / 10C	24Vdc, 35mA, IP67
Adaptors	Tina 11A	24Vdc, 25mA, IP67
Adaptors	Tina 12A	24Vdc, 30mA, IP67

APPLICABLE REQUIREMENTS

CSA Standards:

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

UL Standards:

UL Std. No. 61010-1 (2nd Edition) Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

MARKINGS

See Report

Notes:

Products certified under Class C225205, C225285 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
80115340	2022-05-31	Update to Report 1309416 for correction of applicable classes and standards, adjustment of product ratings, update of list of critical components and delisting of some model variants. Update to partially address findings from project 80092581.
70026444	2015-03-18	Update to Report 1309416 to correct the CCL (plastic enclosures materials) & removed of Eden C / EC modules.
2642402	2014-01-03	Update to Report 1309416 for to correct the CSA report (missing models) & to update to 61010-1 2nd edition
2490741	2012-01-26	Update to Report 1309416 to add missing units (Tina 10A/B/C, Tina 11A, Tina 12A)
2463784	2011-10-27	Update to Report 1309416 to add alternate units (Vital1 ver H, Tina 4A ver H and Tina 8A ver H) .
2363286	2010-11-11	Update to Report 1309416 to add alternate Panasonic relay series SFS3.
2316494	2010-06-15	Update to Report 1309416 to upgrade of the environmental ratings of models Eden E and Eden EC to IP69K.
2295543	2010-05-18	Update to Report 1309416 for the addition of information related to the internal relays used in the Vital series and the corrections of some of the component's information following a FIR.
2040585	2008-05-16	Update to Report 1309416 for addition of alternate non-contact sensor Eden C and Eden EC.
1933517	2008-01-25	Update to Report 1309416 of a Sensors system, Vital Solution – addition of new models and new classes of certification (CAN/CSA-C22.2 No 1010.1-92 / CAN/CSA-C22.2 No.14-05 / UL 61010C-1, 1st Ed. / UL 508, 17th Ed).



1636403	2005-08-01	Update to Report 1309416 for addition of BT50(T) module to Vital Solution System.
1418580	2003-04-01	Update to Report 1309416 for addition of module Eden E.
1309416	2002-12-18	Original Certification of Component Type Safety Sensors System, Model: Vital Solution Family.