



Certificate of Compliance

Certificate: 1309416 (LR 104823)

Master Contract: 185438

Project: 2642402

Date Issued: January 3, 2014

Issued to: ABB AB, JOKAB Safety

Varlabergsvagen 11

Kungsbacka, 434 39

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.



J-P Laplante

Issued by: J-P Laplante, Eng.

PRODUCTS

CLASS 2252 35 - PROCESS CONTROL EQUIPMENT - Components - Component Acceptance

CLASS 2252 95 - PROCESS CONTROL EQUIPMENT - Components - Component Acceptance - Certified to US Std

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

CLASS 3211 87 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - Certified to US Standards

Sensor system, Vital Solution

Vital Solution Module Description:

Description - Model - Ratings

- Controller - Vital1 ver H- 24Vdc, 3-48W, IP40
- Non-contact safety sensor Eden E - (1 Adam E module & 1 Eva E module) - 24Vdc, 55mA, IP69K
- Non-contact safety sensor Eden - (1 Adam module & 1 Eva module) - 24Vdc, 55mA, IP67
- Non-contact safety sensor Eden C - (1 Adam C module & 1 Eva C module) - 24Vdc, 55mA, IP67
- Non-contact safety sensor Eden EC- (1 Adam EC module & 1 Eva EC module) - 24Vdc, 55mA, IP69K
- Light beam safety sensor - Spot 10 - 17-27Vdc, 25mA max, IP67



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- Light beam safety sensor - Spot 35 - 17-27Vdc, 25mA max, IP67
 - No-sensor plug - Tina 1A - 24Vdc, 17mA, IP67
 - Adaptors - Tina 2A / 2B- 24Vdc, 17mA, IP67
 - Adaptors - Tina 3A / 3A PS - 24Vdc, 47mA, IP67
 - Connection block - Tina 4A ver H - 24Vdc, 10mA, IP67
 - Bypassing module - Tina 5A - 24Vdc, 240mA, IP40
 - Adaptors - Tina 6A - 24Vdc, 47mA, IP67
 - Adaptors - Tina 7A - 24Vdc, 47mA, IP20
 - Connection block - Tina 8A ver H - 24Vdc, 15mA, IP67
 - Adaptors- Tina 10A/10B/10C - 24Vdc, 60mA, IP67
 - Adaptors- Tina 11A - 24Vdc, 17mA, IP67
 - Adaptors- Tina 12A - 24Vdc, 60mA, IP67
 - Single channel safety relay - BT50T / BT50 - 12Vdc, 24Vdc, <2VA, IP40; Contacts: 6A @ 250Vac, 1500VA, 6A @ 24Vdc, 150W
 - Single channel safety relay - BT51T / BT51 - 12Vdc, 24Vdc, <2VA, IP40; Contacts: 6A @ 250Vac, 1500VA, 6A @ 24Vdc, 150W

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

CAN/CSA-C22.2 No.14-10: Industrial Control Equipment

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

UL 508, 17th Ed.(Revision July 11 2005) - Industrial Control Equipment