



Certificate of Compliance

Certificate: 1288324

Master Contract: 185438

Project: 70165484

Date Issued: 2017-12-18

Issued to: ABB AB, JOKAB Safety
Varlabergsvagen 11
Kungsbacka, 434 39
SWEDEN

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: Jean-Philippe Turcot
Jean-Philippe Turcot

PRODUCTS

CLASS - C321107 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus

CLASS - C225233 - PROCESS CONTROL EQUIPMENT-Components

CLASS - C225283 - PROCESS CONTROL EQUIPMENT-Certified to US Standards

CLASS - C225281 - PROCESS CONTROL EQUIPMENT-Certified to US Standards

Component type* Programmable Logic Controller, permanently installed/rail mounted, IP40, IP20 terminals, rated input: 24Vdc, 5A (max), Models:

- PLUTO A20, PLUTO A20 v2, PLUTO B20, PLUTO B20 v2, PLUTO S20, PLUTO S20 v2, PLUTO D20, Rated outputs:
 - Q0, Q1: 250V/1.5A – AC15, 24V/1.5A- DC13;
 - Q2, Q3: -24Vdc, 800mA;
 - Q10-Q17: +24Vdc, 800mA (2A total);
- VITAL 2, VITAL 3, Rated outputs:
 - Q1, Q11: 250V/1.5A – AC15, 24V/1.5A- DC13;
 - Q2, Q12: -24Vdc, 800mA;
 - Q13: +24Vdc, 1A;
- PLUTO B16, PLUTO B22, Rated Output :
 - Q10-Q17: +24Vdc, 800mA (2A total);



Certificate: 1288324
Project: 70165484

Master Contract: 185438
Date Issued: 2017-12-18

- PLUTO AS-i v2, Rated Outputs:
 - Q0, Q1: 250V/1.5A – AC15, 24V/1.5A- DC13;
 - Q2, Q3: -24Vdc, 800mA;
 - Q10-Q13: +24Vdc, 800mA (2A total);

Component type* Programmable Logic Controller, permanently installed/rail mounted, IP40, IP20 terminals, Rated Input: 24Vdc, 7A (max), Models:

- PLUTO B42 AS-i, PLUTO B46 v2, PLUTO S46 v2, PLUTO D45, Rated Outputs:
 - Q0, Q1, Q4, Q5: 250V/1.5A – AC15, 24V/1.5A- DC13;
 - Q2, Q3: -24Vdc, 800mA;
 - Q10-Q17: +24Vdc, 800mA (2A total);
 - Q20-Q27 (*Q20-Q26 for PLUTO D45*): +24Vdc, 800mA (2A total)

Component type* Programmable Logic Controller, permanently installed/rail mounted, IP40, IP20 terminals, rated input: 24Vdc, 1.3A (max), Models:

- PLUTO O2, Rated outputs:
 - Q0, Q1: Relay output 13-14, 23-24: 250V/5A – AC12, 250V/3A – AC15,
60V/5A – DC12, 24V/3A – DC13;
 - Relay output 33-34: 24V/1.5A – AC12/AC15/DC12/DC13
 - Q10-Q11: +24Vdc, 600mA;

CONDITIONS OF ACCEPTABILITY

- Subject has been evaluated as a component; safety evaluation of the combination with the end use product will need to be re-evaluated.

- Components and rack-mounted equipment are certified only for installation in other certified equipment or in racks or cabinets where the suitability of the final installation is to be determined by the local inspection authority.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 1010.1-92	- Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use, Part 1: General Requirements Amendment 2: 1997 to CAN/CSA-C22.2 No 1010.1-92
CAN/CSA-C22.2 No.14-13	- Industrial Control Equipment
UL 61010C-1, 1 st ed.	- Electrical Equipment for Process Control Equipment, Part 1: General Requirements
UL 508, 17 th Ed (Revision July 11 2005)	- Industrial control equipment - programmable controllers



Supplement to Certificate of Compliance

Certificate: 1288324

Master Contract: 185438 (104823_0_000)

*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
70165484	2017-12-18	CSA c/us report update (1288324) for clarifications in the critical component list and model differences of component type programmable logic controller PLUTO and VITAL series as noted in FIR dated October 26th 2017 for factory located in Malopolskie, Poland
2600036	2013-05-07	CSA c/us report update for the addition new model PLUTO O2 and also to address findings associated with FIR issued on September 2012.
2448678	2011-11-21	CSA c/us report update for the addition of new models: Vital 2, Vital 3, PLUTO D20, PLUTO B22, and Pluto B42 AS-i.
2295541	2010-04-30	CSA c/us report update for the addition of technical information on a component (Relay, item 13) and the addition of alternate components (Z27/Z17, D18, IC16 & C5/C7/C12/C14).
1933518	2008-01-25	CSA c/us report update to add alternate construction and part. no.