



Certificate of Compliance

Certificate: 1194821 (LR 104823)

Master Contract: 185438

Project: 2521514

Date Issued: May 25, 2012

Issued to: ABB AB, JOKAB Safety

Varlabergsvagen 11
434 39 Kungsbacka,
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.



Omar Elouadrhiri

Issued by: Omar Elouadrhiri, Eng

PRODUCTS

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

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

1. Open type relays, Cat Nos JSBR3, JSBR4, JSBT3, JSBT4, JSBT5, (3 N.O. +1 N.C.) rated input 24V dc, or 24V ac, 48V ac, 115V ac or 230V ac; Output 6A, 250V ac.
2. Expansion relays open type, JSR2 (3 N.O.), rated input 24V dc; Output 10A, 2200VA (resistive), 240W tungsten, 250V ac. Cat Nos JSR1T (4 N.O./1 N.C.), rated input 24V dc, Output 6A, 1500VA (resistive), 150W (tungsten), 250V ac.
3. Pulse relay, open type, Cat No JSA2, rated input 24V dc, Output 0.5A, 24V dc max.
4. Time delay relay, open type, Cat No JSR3T (2 N.O.) rated input 24V dc, Output 4A, 1000VA (resistive), 100W (tungsten), 250V ac
5. Power supply unit for use with the above devices, open type, Cat No JSN1A, rated input 115 or 230V ac; Output 24V dc, 0.5A.
6. 3-Position switches (hand hold units), open type, Cat No JSHD4 rated 0.5A, 30V dc, 0.2A, 50V ac/dc.



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7. Light beam assembly, open type, Cat No JSL1 rated input 24V dc, 180mA, Output 6A, 1500VA (resistive), 150W tungsten, 250V ac; Cat No JSL30T1 (Transmitter) and JSL30R1 (Receiver) rated 24V dc, 70mA.

Notes:

Open type devices are certified as components for use only in other certified equipment.

APPLICABLE REQUIREMENTS

- | | | |
|------------------------|---|------------------------------|
| CAN/CSA C22.2 No.14-10 | - | Industrial Control Equipment |
| UL Std 508 (17th Ed.) | - | Industrial Control Equipment |