



Certificate of Compliance

Certificate: 1280795 (LR 108985)

Master Contract: 187009

Project: 2130214

Date Issued: 2009/05/19

Issued to: **Relcom Inc.**
2221 Yew St
Forest Grove, OR 97116
USA
Attention: Mr. Mike Strauser

The products listed below are eligible to bear the CSA Mark shown



Issued by: Robert Bates

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I Division 2 Groups A, B, C, and D (Temp Code T4); Ex nA [nL] IIC T4

“Megablock” Models FCS-MB12-SG, FCS-MB10-SG, FCS-MB8-SG, FCS-MB4-SG, FCS-MB2-SG, F203, F207, F211, F215 and F118 rated at 32Vdc max and 1.5Amax. Ambient Temperature Range -45°C to 70°C. Installed as per installation document 500-275. . The following parameters must be followed when selecting equipment and cable connected to the energy limited spur terminals:

Group IIC or Groups A and B

Group IIB or Group C

Group IIA or Group D



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Voc	32.0 Vdc	32.0 Vdc	32.0 Vdc
Isc	60 mA	60 mA	60 mA
Ca	170 nF	1.22 μF	4.59 μF
La	1.26 mH	3.42 mH	6.39 mH

Notes:

1. The following suffixes may also be used with these model numbers

T – Terminator included in the FCS-MB Series

PC – Uses optional Spring Clamp Connector

PD – Uses optional Insulation Displacement Connector

2. Component part for installation within an enclosure which provides mechanical protection and provisions for conduit/cable entry, as described in document 500-275, where suitability of the final assembly is acceptable to the authority having jurisdiction.

3. The above model is classified as Equipment Class II, Pollution Degree 2, Installation Category II per CSA Std. 1010.1 and shall be installed in an enclosure rated min. IP40

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-M1991 - General Requirements - Canadian Electrical Code Part II

C22.2 No.1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

CAN/CSA - C22.2 No. 1010.1B 97 - Amendment 2 to CAN/CSA C22.2 No. 1010.1 92, "Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements"

CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA E60079-0:02 - Electrical apparatus for explosive gas atmospheres – Part 0: General requirements

CAN/CSA E60079-15:02 - Electrical apparatus for explosive gas atmospheres - Part 15: Type of protection "n"

T.I.L. No. I-29 - Additional Requirements for Process Control Equipment Certified to CSA Std. CAN/CSA C22.2 No. 1010.1-92