

Certificate of Compliance

Certificate: 1422741 (LR 108985)

Master Contract: 187009

Project: 1422741 (Edition 1)


Date Issued: September 30, 2003

Issued to: **Relcom Inc.**
2221 Yew Street
Forest Grove, OR 97116
USA

*The products listed below are eligible to bear the CSA Mark shown
with adjacent indicators 'C' and 'US'*




Issued by: Patrick Conway, C.E.T.


Authorized by: Patricia Pasemko
Operations Manager

PRODUCTS

CLASS 2258 04 – PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations
CLASS 2258 84 – PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations -
Certified to US Standards

Class I Division 1 Groups A,B,C, and D (Temp Code T4); Ex ia IIC T4

Connection blocks for Fieldbus systems. “Megablock” series Models F240 to F267 (28 Models) Intrinsically Safe with the following entity parameters:

V_{max}, U_i = 24Vdc, I_{max}, I_i = 250mA, C_i = 0, L_i=0, P_i = 1.2W when installed as per Relcom Drawing 500-428

V_{max}, U_i = 17.5Vdc, I_{max}, I_i = 380mA, C_i = 0, L_i=0, P_i = 5.32W for FISCO applications when installed as per Relcom Drawing 500-429

Notes:

- 1 Component part for installation within an enclosure which provides mechanical protection and provisions for conduit/cable entry, as described in drawing 500-428 or 500-429 where suitability of the final assembly is acceptable to the authority having jurisdiction.
- 2 The above model is classified as Equipment Class II, Pollution Degree 2, Installation Degree I per CSA Std. 1010.1 and shall be installed in an enclosure rated min. IP54.



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APPLICABLE REQUIREMENTS

- C22.2 No. 0 - M1982 - 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 (Includes Amendment 1)
- 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"
- T.I.L. No. I-29 - Additional Requirements for Process Control Equipment Certified to CSA Std. CAN/CSA C22.2 No. 1010.1-92
- C22.2 No. 157 – 92 - Intrinsically Safe and Non-Incendive Equipment for use in Hazardous Locations
- CAN/CSA – E79-0-95 - Electrical Apparatus for explosive gas atmospheres. General Requirements.
- CAN/CSA – E79-11-95 - Electrical Apparatus for explosive gas atmospheres. Part 11: Intrinsic Safety "I"
- FM3600 - November 1998 - Approval Standard for Electric Equipment for use in Hazardous (Classified) Locations – General Requirements
- FM3610 - October 1999 - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II & III, Division 1 and Class I. Zone 0 & 1 Hazardous (Classified) Locations.



CSA INTERNATIONAL

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
1422741	September 30, 2003	Original Certification of Intrinsically Safe Fieldbus Connection Block models F240 to F267 (28 models)