

CERTIFICATE OF CONFORMITY

1. HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

2. **Certificate No:** FM25CA0078X
3. **Equipment:** F101-P *, F102-P*, and F104-P* Fieldbus Power Supply Modules.
(Type Reference and Name)
4. **Name of Listing Company:** Relcom Inc
5. **Address of Listing Company:** 2221 Yew St, Forest Grove, Oregon 97116, United States of America
6. The examination and test results are recorded in confidential report number:
3035979C dated 6th July 2010

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

CSA C22.2 No. 213:2017 (R2022), CSA C22.2 No. 60079-0:2015, CSA C22.2 No. 60079-15:2016, CSA C22.2 No. 61010-1:2024

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
10. Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C and D; Hazardous locations Temperature Class is T4 Ta = -40°C to +65°C and $-40^{\circ}\text{C} \leq \text{Tamb} \leq 70^{\circ}\text{C}$ (load $\leq 400\text{mA}$)

Type "n" non-sparking apparatus Zone 2 Ex nA IIC: T4 Gc, Hazardous Locations Ta = -40°C to +65°C and $-40^{\circ}\text{C} \leq \text{Tamb} \leq 70^{\circ}\text{C}$ (load $\leq 400\text{mA}$)

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

7 August 2025

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA

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11. The marking of the equipment shall include:

FM25CA0078X
Class 1 Div 2 ABCD T4
Zone 2 Ex nA IIC T4 Gc
-40°C ≤ Tamb ≤ 70°C (load ≤ 400mA)
-40°C ≤ Tamb ≤ 65°C
Install per 502-531

12. Description of Equipment:

Electrical Ratings:

Model No.	Input Voltage	Output Voltage	Output Current
F101	19.2-30VDC	21.5-24VDC	0-500mA
F102	19.2-30VDC	27.8-30VDC	0-500mA
F103	10-30VDC	13-14VDC	0-250mA

Model Codes:

F101-P *, Fieldbus Power Supply Module.

F102-P *, Fieldbus Power Supply Module.

F104-P *, Fieldbus Power Supply Module.

* = S (Pluggable Screw Terminal Connectors) C = (Pluggable Spring Clamp Connectors)

13. Specific Conditions of Use:

1. For Class I Division 2 installations the F10x Fieldbus Power Supply Modules must be installed in a final equipment enclosure in compliance with, mounting, spacing and segregation requirements of the ultimate application, including the use of a tool secured cover.
2. For Zone installation as Ex nA the F10x Fieldbus Power Supply Modules must be installed in an enclosure that meets the requirements of at least IP54 following the thermal conditioning and impact tests of CAN/CSA 60079-0.
3. The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
4. Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals to the equipment.
5. The installer must assure that the local temperature inside the final equipment enclosure does not exceed 65°C, (70°C if the load is ≤400mA) when operating.
6. When installed in hazardous locations a warning label must be prominently affixed near the unit(s) which warns the equipment must not be disconnected unless the area is known to be non-hazardous.

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14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Scheme.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
6 July 2010	Original Issue. 3035979C
12 March 2013	<u>Supplement 1:</u> Report Reference: 130305 dated March 12 2013. Description of the Change(s): US and Canadian listing updated. Added alternate temperature to 70°C.
7 August 2025	<u>Supplement 2:</u> Report Reference: RR246938 dated 7 August 2025. Description of the Change(s): Gap Analysis performed and updated certificate.

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