



Member of the FM Global Group

FM Approvals
1151 Boston Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

F3a-b. Megablock Series Fieldbus Connection Blocks.

NI/I/2/ABCD/T4 Ta = -50°C to 70°C – 502-484: NIFW

I/2/Ex nA [nL] IIC/T4 Ta = -50°C to 70°C – 502-484;

a = Number of Spurs = 04, 08, 12 or 16.

b = Option for a built-in terminator = -T or blank.

Nonincendive/Energy Limited Field Wiring Parameters Groups C and D (IIB, IIA) only:

$V_{max} = 32V$, $C_i = 0$, $L_i = 0$

$V_{oc} = 32V$, $I_o = 56mA$, $P_o = 1.792W$, $C_a = 80nF$, $L_a = 0.26mH$

Nonincendive Field Wiring Parameters, Groups A and B (IIC):

$V_{max} = 24V$, $C_i = 0$, $L_i = 0$

$V_{oc} = 24V$, $I_o = 56mA$, $P_o = 1.344W$, $C_a = 80nF$, $L_a = 0.15mH$

Special Conditions of Use:

1. The apparatus shall be installed in an enclosure which maintains an ingress protection rating of IP54 and meets the enclosure requirements of E60079-0 and E60079-15.
2. The apparatus shall be installed in an enclosure meeting the requirements of CSA Standard C22.2 No. 61010-1.
3. The apparatus shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
4. Provisions shall be made externally to the F304, F308, F312 and F316 Megablocks to prevent the rated input being exceeded by transient disturbances of more than 140% of the rated voltage.



Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4 Ta = -50°C to 70°C; with NIFW; Non-Sparking for use in Class I, Zone 2, Ex [nL] IIC T4 Ta = -50°C to 70°C for Hazardous Locations.

FM Approved for:

Relcom Inc
Forest Grove, OR United States

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

CAN C22.2 No. 213-M1987	2013
CAN C22.2 No. 61010.1	2004
CAN/CSA E60079-0	2002
CAN/CSA E60079-15	2002

Original Project ID: 3041271

Approval Granted: September 15, 2011

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
130617	June 25, 2013		

FM Approvals LLC



J.E. Marquedant
Group Manager, Electrical

25 June 2013

Date