



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 (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Model 7908 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Model 7916 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Model 7932 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Special Condition of Use:

- 1. In Class I, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70).*
- 2. In Class I, Zone 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Zone 2 wiring methods specified in the National Electrical Code (ANSI/NFPA 70). The equipment shall be installed in an enclosure with a minimum ingress protection rating of IP54 unless the apparatus is intended to be afforded an equivalent degree of protection by location.*

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C, and D Hazardous (Classified) Indoor Locations with a T4 temperature classification.

Non-sparking for Class I, Zone 2, Group IIC Hazardous (Classified) Indoor Locations with a T4 temperature classification

FM Approved for:

PR electronics A/S
Roende, Denmark

To verify the availability of the Approved product, please refer to www.approvalguide.com
FM Approvals HLC 5/13

0003049918
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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3611	2004
Class 3810	2005
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-15	2012

Original Project ID: 0003049918

Approval Granted: February 21, 2014

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



 J.E. Marquedant
 Group Manager, Electrical

21 February 2014

 Date



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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

Model 7908 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Model 7916 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Model 7932 Backplane

NI/I/2/ABCD/T4 -20°C < Ta < 60°C
I/2/AEx nA IIC /T4 -20°C < Ta < 60°C

Special Condition of Use:

- 1. In Class I, Division 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Division 2 wiring methods specified in the Canadian Electrical Code (C22.1).*
- 2. In Class I, Zone 2 installations, the subject equipment shall be mounted within a tool-secured enclosure which is capable of accepting one or more of the Class I, Zone 2 wiring methods specified in the Canadian Electrical Code (C22.1). The equipment shall be installed in an enclosure with a minimum ingress protection rating of IP54 unless the apparatus is intended to be afforded an equivalent degree of protection by location*

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C and D IIC Hazardous Indoor Locations with a T4 temperature classification.

Non-sparking for Class I, Zone 2, Group IIC Hazardous Indoor Locations with a T4 temperature classification

FM Approved for:

PR electronics A/S
Roende, Denmark

To verify the availability of the Approved product, please refer to www.approvalguide.com
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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

CSA No. 157-92	2006
CSA No. 213-M1987	2004
CSA No. 1010.1	2004
CSA C22.2 No. 60079-0	2011
CSA C22.2 No. 60079-15	2012

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