



Member of the FM Global Group

FM Approvals
1151 Boston Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

4511 Modbus Communication Enabler.

NI/I/2/ABCD/T5 -20°C < Ta < 60°C

I/2/AEx nA IIC /T5 -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 and Non-sparking for Class I, Zone 2, Group IIC Hazardous (Classified) Indoor Locations with a T5 temperature classification.

FM Approved for:

PR electronics A/S
Roende, Denmark



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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

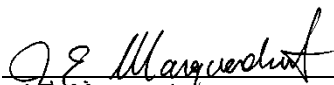
Original Project ID: 0003049132

Approval Granted: June 10, 2013

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



 J.E. Marquedaht
 Group Manager, Electrical

10 June 2013

 Date



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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

4511 Modbus Communication Enabler.

NI/I/2/ABCD/T5 -20°C < Ta < 60°C

I/2/Ex nA IIC /T5 -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, Group IIC Hazardous and Non-sparking for Class I, Zone 2, Group IIC (Classified) Indoor Locations with a T5 temperature classification.

FM Approved for:

PR electronics A/S
Roende, Denmark



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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


Original Project ID: 0003049132C

Approval Granted: June 10, 2013

Subsequent Revision Reports / Date Approval Amended

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FM Approvals LLC



 J.E. Marquedant
 Group Manager, Electrical

10 June 2013

 Date