



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:

HCS / HART / a / 9-30DC / b / [DIN] HART to MODBUS RTU Converter
NI / I / 2 / ABCD / T5 Ta = -40°C to +85°C

a = MB485 (Modbus RTU RS485) or MB232 (Modbus RTU RS232)
b = -RF

Special Condition of Use:

- 1) *No connections shall be made to the communications "COM" port in Hazardous (Classified) Locations.*
- 2) *Shall be installed in compliance with the enclosure, mounting, spacing, and segregation requirements of the ultimate application.*

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C, and D indoor hazardous (classified) locations;
Temperature Class T5 with an ambient temperature range of -40°C to +85°C.

FM Approved for:

Moore Industries International Inc
North Hills, CA United States



Member of the FM Global Group

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 61010.1	2004

Original Project ID: 3044948

Approval Granted: October 1, 2012

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

1 October 2012

Date



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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

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NI / I / 2 / ABCD / T5 Ta = -40°C to +85°C

a = MB485 (Modbus RTU RS485) or MB232 (Modbus RTU RS232)
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Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C, and D indoor hazardous (classified) locations;
Temperature Class T5 with an ambient temperature range of -40°C to +85°C.

FM Approved for:

Moore Industries International Inc
North Hills, CA United States



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

CSA C22.2 No. 0-M91	2006
CSA C22.2 No. 213-M1987	2004
CSA C22.2 No. 1010.1	2004

Original Project ID: 3044948

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