



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.fmglobal.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

TG2a-DIN. Trunkguard Series Device Coupler.

NI/I/2/ABCD/T5 Ta = 70°C; ANI/I/2/ABCD/T5 Ta = 70°C

Nonincendive Output Field Wiring Parameters:

Vt = 32V, It = 50mA, Ca = 180nF, La = 30mH (Groups A, B).

Vt = 32V, It = 50mA, Ca = 1.23μF, La = 120mH (Group C).

Vt = 32V, It = 50mA, Ca = 4.60μF, La = 240mH (Group D).

a = Spurs: 04, 08 or 0X.

Special Conditions of Use

1. *Must be installed in suitable equipment enclosure in accordance with ANSI/ISA S82.01 and S82.03, and the National Electrical Code® (ANSI-NFPA 70).*

Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T5 Ta = 70°C; with Nonincendive output field wiring for connections to Class I, Division 2, Groups A, B, C, and D; indoor Hazardous (Classified) Locations.

Approved for:

Hawke International
Ashton Under Lyne, Lancashire, United Kingdom



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

Class 3600	1998
Class 3611	1999
Class 3810	1989
Supplemenet # 1	1995

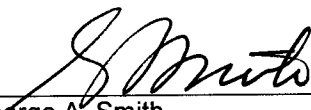
Original Project ID: 3021946

FM Approval Granted: *Sept 1, 2005*

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
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FM Global Technologies LLC



 George A. Smith
 Assistant Vice President
 FM Approvals

9/1/05

 Date



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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

TG2a-DIN. Trunkguard Series Device Coupler.

S / 1 / 2 / ABCD / T4 Ta = 70°C

ANI / 1 / 2 / ABCD – TG200-FM

Nonincendive Output Field Wiring Parameters:

Vt = 32V, It = 50mA, Ca = 180nF, La = 30 mH (Groups A, B, C, D).

Vt = 32V, It = 50mA, Ca = 1.23µF, La = 120mH (Groups C, D).

Vt = 32V, It = 50mA, Ca = 4.60µF, La = 240mH (Group D).

a = Spurs: 04, 08 or 0X.

Special Conditions of Use:

1. *The apparatus shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*

Equipment Ratings:

FM Approved for:

Moore Industries-International, Inc.
North Hills, CA

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

C22.2 No. 2213 2004
C22.2 No. 1010.1 2004

Original Project ID: 3021946
Canadian Project ID: 3027054C

Approval Granted: *DECEMBER 1, 2006*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



Roger L. Allard
Assistant Vice President

DECEMBER 1, 2006

Date