

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:

## FNaCbc-d. IO & Drop Connector System with Enclosure

NI / I / 2 / ABCD / T\* Ta =  $-40^{\circ}$ C to  $+80^{\circ}$ C, Type 4, 4X

DIP/ II, III / 2 / Groups EFG / T\* Ta = -40°C to +80°C, Type 4, 4X

a = Function T02, T04, T06, T08, P02, P04, P06, P08, S02, S04, S06, S08, M96, M97, R96, R97, I96, or I97

b = Junction P01, P02, G01, G02, N01, N02, M01, M02, C01, C02, C03, C04, or C05 c = Branding A or M

d = Options 'Special Unit Digits' do not affect the integrity of the enclosure, the electrical safety, or the product marking.

T*	Function Option
T5	a = T02, T04, T06, T08, P02, M96, M97, R96, R97
T4A	a = S02, S04, S06, S08
T4	a = P06, P08

#### IOabcde-f. IO Module

 $NI / I / 2 / ABCD / T5 Ta = -40^{\circ}C to +80^{\circ}C$ 

- a = Protocol 96 or 97
- b = Housing W or Y
- c = Configuration 02, 03, 07, 08, 11, or 12
- d = Approvals F
- e = Branding A or M
- f = Options 'Special Unit Digits'

Note: 'Special Unit Digits' do not affect the integrity of the enclosure, the electrical safety, or the product marking.

Special Condition of Use

. Shall be installed in compliance with the enclosure, mounting, spacing, and segregation requirements of the ultimate application.



#### DRab-c. Drop Connector Module

NI / I / 2 / ABCD / T\* Ta = -40°C to +80°C

a = Function 465036, 465037, 465038, 465039, 465040, 465041, 465042, 465043, 465044, 465045, 465046, or 465047

b = Branding A or M

c = Options 'Special Unit Digits' do not affect the integrity of the enclosure, the electrical safety, or the product marking.

T*	Function Option
T5	a = 465036, 465037, 465038, 465039, 465040, 465041
T4A	a = 465044, 465045, 465046, 465047
T4	a = 465042, 465043

Special Condition of Use

1. Shall be installed in compliance with the enclosure, mounting, spacing, and segregation requirements of the ultimate application.

#### FN000Cab-c. Wiring System Enclosure

Type 4, 4X, Ta = -40°C to +80°C a = Junction P01, P02, G01, G02, N01, N02, M01, M02, C01, C02, C03, C04, or C05 b = Branding A or M c = Options 'Special Unit Digits' do not affect the integrity of the enclosure, the electrical safety, or the product marking.

## Equipment Ratings:

**FN Series:** Nonincendive for Class I, Division 2, Groups A, B, C, D, Dust Protected for Class II, III, Groups E, F, and G, Temperature Class T4, T4A, or T5 with an Ambient Temperature of -40°C to +80°C, Hazardous Indoor and Outdoor Locations, with an Ingress Protection of Type 4, 4X.

**DR and IO Series:** Nonincendive for Class I, Division 2, Groups A, B, C and D Temperature Class T4, T4A or T5, with an Ambient Temperature of -40°C to +80°C, Hazardous Indoor Locations.

**FN000 Enclosure:** Ingress Protection of Type 4, 4X with an Ambient Temperature of -40°C to +80°C.

FM Approved for:

StoneL Fergus Falls, MN United States



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

 CSA C22.2 No. 213-M1987
 2004

 CSA C22.2 No. 25
 2009

 CSA C22.2 No. 1010-1
 2004

 CSA C22.2 No. 0.5-M82
 2003

Original Project ID: 3043069C

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Subsequent Revision Reports / Date Approval Amended Report Number Date Report Number Date

FM Approvals LLC

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2 April 14

Date