



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

7100a-b-c. Series Junction Boxes.

a = Model AE, AM, CE, CM, NE, NM, WE or WM.
b = Entry configuration 00, 01, 02, 03 or 04.
c = Entry size 05, 07, 18 or 22.

7100a-b-c. Series Stainless Steel Junction Boxes.

a = Model SE, SM, TE or TM.
b = Entry configuration 00, 01, 02, 03 or 04.
c = Entry size 05, 07, 18, 22 or 25.

8100a-b. Series Instrument Enclosure.

a = Model AE, AM, WE or WM.
b = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21 or 22.

8100a-b. Series Stainless Steel Instrument Enclosure.

a = Model SE, SM, TE or TM.
b = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21, 22, 25, 26, 27, 28, 30, 31, 32, 34 or 36.

8100PB-a. Series Instrument Enclosure.

a = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21 or 22.

8100PD-a. Series Instrument Enclosure.

a = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21 or 22.

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups B, C and D; Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G, hazardous (classified) locations, indoors and outdoors (Type 4X/IP66) and Ta = +85°C.

FM Approved for:

International Metal Engineering Pte Ltd
Singapore



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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 3615	2006
Class 3810	2005
ANSI/NEMA 250	1991
ANSI/IEC 60529	2004


Original Project ID: 3032880

Approval Granted: January 16, 2009

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3037386	November 10, 2009		
141124	January 7, 2015		

FM Approvals LLC



 J.E. Marquedant
 Manager, Electrical Systems

7 January 2015

 Date