



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

UltraSwitch™ PS/PM Switch Box a-b-c-d-e-f-27-h-i-j-k

IS/ I, II, III / 1 / ABCDEFG / T* - IP66; Type 4X ; Entity – RA-2

*See Control Drawing

a = Brand sticker; AX, AC, PV, VL or WC

b = Shaft; N or D

c = Connections PS (NPT) or PM (M)

d = Indicator option. Single letter or number (not relevant to safety)

e = Number of switches; 0, 2 or 4

f = Switch options; 00, M1, MA, MD, MS, MG, M3, MB, P4, P5, PE, PP, PL, PT, PX, N8, N9, NQ, NR, NS, NT, or NP

h = Analog output; 0, T, D or A

i = Wiring options; 0, 1, 2, 3,4, or H

j = Minimum extra terminals; 2, 4, 6, or 8

k= Special options; 0 or V

UltraSwitch™ PS/PM Switch Box a-b-c-d-e-f-28-h-i-j-k

NI/II/2/ABCD/T*; Ta = 60°C; IP66; Type 4X; NIFW; RA-2

DIP/III/2/EFG/T6 Ta = 60°C; IP66; Type 4X

DIP/III/1, 2/T6 Ta = 60°C; IP66; Type 4X

*See Control Drawing

a = Brand sticker; AX, AC, PV, VL or WC

b = Shaft; N or D

c = Connections; PS (NPT) or PM (M)

d = Indicator option; Single letter or number (not relevant to safety)

e= Number of switches; 0, 2 or 4

f = Switch options; P4, P5, PE, PP, PT or N8

h = Analog output; 0, T, D, A, B or C

i = Wiring options; 0, 1, 2, 3, or H

j = Minimum extra terminals; 2, 4, 6, or 8

k= Special options; 0, N, P or V



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Equipment Ratings:

Intrinsically Safe for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G; Nonincendive with Nonincendive Field Wiring for Class I, Division 2, Groups A, B, C and D hazardous locations per Control Drawing RA-2. Temperature Class T4, T5 or T6, see Control Drawing RA-2 for details. Dust Ignition Proof for Class II, Division 2 Groups E, F and G; Dust Ignition Proof for Class III, Division 1 and 2, Indoor and Outdoor (Type 4X and IP66) Hazardous locations. Temperature Class T6.

FM Approved for:

Palmstierna International AB
SE-171 54 Solna, Sweden



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

CAN-C22.2 No. 157-92	2006
CAN-C22.2 No. 213-M1987	2008
CSA-C22.2 No. 25	2004
CAN/CSA-C22.2 No. 61010-1	2009
CSA-C22.2 No. 94-M91	2011
CAN/CSA-C22.2 No. 60529	2010

Original Project ID: 0003043047
Canadian Project ID: 0003047442

Approval Granted:

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3047443	December 4, 2012		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

4 December 2012

Date