



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:

Switch Isolator. Transistor Output.

AIS / I,II,III / 1 / ABCDEFG - 116-0035; Entity
NI / 1 / 2 / ABCD / T5

Type	V_{oc} (V)	I_{sc} (mA)	V_t (V)	I_t (mA)	C_a (μF)	L_a (mH)
KFD2-ST2-Ex1a						
Terminals 1-3, 2-3,	12.9	19.8	–	–	1.273	84.8
KFD2-ST2-Ex2a						
Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	–	–	1.273	84.8
KFD2-SOT2-Ex1a						
Terminals 1-3, 2-3	12.9	19.8	–	–	1.273	84.8
KFD2-SOT2-Ex2a						
Terminals 1-3, 2-3 4-6, 5-6	12.9	19.8	–	–	1.273	84.8

a = options, not important to intrinsic safety.

Equipment Ratings:

Associated Intrinsically Safe Apparatus for connection to Class I, II and III Division 1, Groups A, B, C, D, E, F and G; Nonincendive for use in Class I Division 2 Groups A, B, C and D hazardous (classified) locations.

FM Approved for:

Pepperl+Fuchs GmbH
Lilienthalstrasse 200, 68307 Mannheim, Germany



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

Class 3600	2011
Class 3610	2010
Class 3611	2004
Class 3810	1989
Including Supplement 1	1995

Original Project ID: 3002773

Approval Granted: May 14, 1999

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3042369	5 March 2012		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

5 March 2012

Date