



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

KFD2, KFA5 AND KFA6 SERIES SWITCH ISOLATORS

AIS / I, II, III / 1 / ABCDEFG - 116-0035; Entity; NI / I / 2 / ABCD / T5 Ta = 60°C

Type	Voc (V)	Isc (mA)	Vt (V)	It (mA)	Ca (uF)	La (mH)
KFA5-SR2-Ex1.W Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFA5-SR2-Ex1.W.LB Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFA5-SR2-Ex2.W Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.9
KFA5-SR2-Ex2.W.IR Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.99
KFA6-SR2-Ex1.W Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFA6-SR2-Ex1.W.LB Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFA6-SR2-Ex2.W Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.9
KFA6-SR2-Ex2.W.IR Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.9
KFD2-SR2-Ex1.W Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFD2-SR2-Ex1.W.LB Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9
KFD2-SR2-Ex2.2S Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.9
KFD2-SR2-Ex2.W Terminals 1-3, 2-3, 4-6, 5-6	12.9	19.8	-	-	1.33	84.9
KFD2-SR2-Ex2.W.SM Terminals 1-3, 2-3	12.9	19.8	-	-	1.33	84.9

Conditions of Use

1. Switch Isolators shall be installed within an enclosure meeting the requirements of ANSI/ISA 82.02.01 or



applicable ordinary location standards.

Equipment Ratings:

Associate intrinsically safe apparatus for connection to Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; Nonincendive for Class I, Division 2, Groups A, B, C and D indoor hazardous (Classified) locations

FM Approved for:

Pepperl+Fuchs GmbH
68307 Mannheim, Germany



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

Class 3600	1998
Class 3610	2010
Class 3611	1999
Class 3810 Supp. No. 1	1995

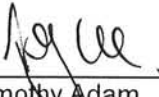
Original Project ID: 3011578

Approval Granted: August 9, 2001

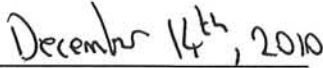
Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
070902	February 6, 2008		
3038360	December 14, 2010		

FM Approvals LLC



Timothy Adam
Technical Team Manager



Date