



# Certificate of Compliance

**Certificate:** 1051840 (LR 36087-18)

**Master Contract:** 169790

**Project:** 70053893

**Date Issued:** 2016-02-16

**Issued to:** Pepperl+Fuchs GmbH  
Lilienthalstrasse 200  
Mannheim, 68307  
GERMANY  
Attention: Stefan Wirtz

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Salvatore Grasso*  
Salvatore Grasso

## **PRODUCTS**

**CLASS - 2258 02 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-**

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

**Class I, Division 2, Groups A, B, C and D:**

- Power Feed Modules, Models KFD2-EB2(.SP), KFD2-EB2.RPI(.SP), KFD2-EB2.R4A.B(.SP) and KFD2-EB2.R4A.RPI(.SP); rated 30 Vdc, 4 A max.

## **APPLICABLE REQUIREMENTS**

CSA C22.2 NO 0-M91 ( <i>Reaffirmed 2001</i> )	General Requirements - Canadian Electrical Code, Part II - Eight Edition
CSA C22.2 No. 142-M1987 ( <i>Reaffirmed 2000</i> )	Process Control Equipment
CSA C22.2 No. 213-M1987 ( <i>Reaffirmed 1999</i> )	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations



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## **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

### **Nameplate adhesive label material approval information:**

The following markings are silk-screened onto the side panels of the modules.

- Manufacturer's name: "Pepperl + Fuchs", or CSA Master Contract Number "169790", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model number: As specified in the PRODUCTS section, above.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- The CSA Mark, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
- The following words:
  - "WARNING – EXPLOSION HAZARD - Substitution of components may impair suitability for Class I, Division 2."
  - "WARNING – EXPLOSION HAZARD – Do not connect while circuit is live unless area is known to be nonhazardous."
- In addition to the markings required above, the following optional markings may also appear; Class I, Zone 2, Groups IIC/IIB/IIA.

*Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*



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### *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
70053893	2016-02-16	Update Report 1051840 to include alternate mount removable clamps with spring terminals per data-sheet 42-4110 (Phoenix Contact type).
2419434	2011-06-06	Update to report 1051840 to delist various models and to correct the relays listed.
1863261	2006-12-12	Revise C of C for Report 1051840 to align with the report.
1790474	2006-09-07	Update Report 1051840 to add KSD2-CI-S-EX2 and alternate circuit board coating.
1817364	2006-07-21	Update Report -1051840 to add three new KFD2 modules for Div 2/Zone 2.
1377941	2002-11-15	Update to Report 1051840 to include variation models for KSD2 Series, Barriers and Gateway Modules.
1234068	2001-08-21	Addition of Models KFD2-EB.RPI, KFD2-EB.R2A.RPI and KFD2-EB.R4A.B; addition of Div 2 coverage for the KSD2-PT2-Ex1.
1128189	2000-09-15	Update of Report 1051840 to include Model KSD2-PT2-Ex1.
1105074	2000-06-27	Update to Report 1051840 to cover alternative construction of Model KSD2-B0.EX.
1051840	2000-01-17	Supersedes Report LR 36087-18: (KSD Series, Remote Process Interface Transformer Isolated Barriers). (Originally issued as 2500008476.) - To add Model KSD2-FI-Ex, KSD2-TI-Ex and KSD2-CI-S-Ex. - To delete Models KSD2-FI-Ex2 and KSD2-CO-Ex-Y41170. - To cover revisions to Models KSD2-BI-Ex2 and KSD2-BI-Ex4.
LR 36078-27	1998-12-29	Update of Report LR 36087-18, to include Models KSD2-FI, KSD2-B0 and KSD2-RD.
LR 36078-21	1998-07-29	Update to Report LR 36087-18 to cover the addition of Series KFD power feed modules and Series KSD gateway modules, for Class I, Div. 2 hazardous locations.
LR 36078-18	1997-09-16	Superseded by Report 169790\2500008476.