

Power Feed Module

Model Number
KFD2-EB2
 (to be replaced by KFD2-EB)

- 24 VDC, 4 A
- 4 A supply current
- Error indication with reversible mode of operation

The KFD2-EB2 interfaces standard or redundant 24 VDC power supplies to the Power Rail at a maximum current of 4 A. A green LED on the front of the unit indicates that power is on, and a red LED illuminates during error conditions. In the event of a field wiring or isolator fault from any isolator on the Power Rail, the integral collective error messaging relay alerts the controller via a single discrete I/O point. This relay can be configured as normally open or normally closed with an on board shunt jumper.

This power feed module is compatible with Pepperl+Fuchs' PR-03 and UPR-03 Power Rail.

Technical Data

POWER SUPPLY	Terminals 11+, 12- or terminals 8+, 9-
Rated voltage	20-30 VDC
OUTPUT	
Power rail feed	Output current: Max. 4 A
Alarm output (contact SPST)	Terminals 7, 10
Contact load	24 VAC; 2 A/ 24 VDC; 2 A
Fault signal	Relay output: NO
Energizing/de-energizing	≈ 20 ms/≈ 20 ms
CERTIFICATES	
	No. 116-0160
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	TÜV 00 ATEX 1618X, Ex II 3 G EEx nA C T4
MECHANICAL	
Housing	Type C2 see page 454
Dimensions	4.37" x 0.79" x 4.53" (111 x 20 x 115 mm)
Weight	3.5 oz. (≈ 100 g)
AMBIENT TEMPERATURE	-13°F to +140°F (-25°C to +60°C)



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Connection Diagram

