

INDUSTRIAL COMPONENT DATA

EMD-FL-PF-400 2885809 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-PF-400



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-PF-400
Catalog number	2885809
Category	Solid state relay
Minimum order	1 Pcs
Document ID	EO-EFE247FD7A
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Product Overview

Monitoring relay

Supervisory relay for load monitoring ($\cos \varphi = 0.1 \dots 1$) In 1 and 3 phase networks, low load, overload, Window, error memory, long range power supply, 2 switched contacts

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Industrial Relays

Additional Product Information

Key Commercial Data

Orderkey 2885809

Packing unit 1 pc

Catalog page Page 270 (C-5-2017)

GTIN 4046356100779

Weight per Piece (excluding packing) 168.400 g

Custom tariff number 85364900

Country of origin AT (Austria)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 22.5 mm

Height 90 mm

Depth 113 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C

-25 °C ... 40 °C (corresponds to UL 508)

Ambient temperature (storage/transport) -25 °C ... 70 °C

Input data

Nominal input voltage UN 3 N ~ 415/240 V

Input voltage range 40 V AC ... 415 V AC (1(N) ~, single-phase load)

40 V AC ... 415 V AC (3(N) ~, 3-phase load)

Input current range 0.5 A ... 10 A (Connection terminal blocks: L1i and L1k)

Overload capacity 12 A permanent

Maximum temperature coefficient $\leq 0.1 \text{ \%}/\text{K}$

Function Underload, overload, Window

Setting range for response delay 0.1 s ... 40 s

Setting range for starting delay 1 s ... 100 s

Basic accuracy $\pm 5 \text{ \%}$ (At $\cos \varphi = 0.8$)

Setting accuracy $\leq 5 \text{ \%}$ (At $\cos \varphi = 0.8$)

Repeat accuracy $\pm 1.8 \text{ \%}$

Recovery time 500 ms

Contact side

Contact type 2 floating PDT contacts

Maximum switching voltage 250 V AC (in acc. with IEC 60664-1)

Interrupting rating (ohmic load) max. 750 VA (3 A/250 V AC, module aligned, $\leq 5 \text{ mm}$ spacing)

1250 VA (5 A/250 V AC, module not aligned, $\geq 5 \text{ mm}$ spacing)

Output fuse 5 A (fast-blow)

Power supply

Supply voltage range 24 V AC ... 240 V AC -15 % ... +10 %

24 V DC ... 240 V DC (-20 %

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-PF-400 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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