

INDUSTRIAL COMPONENT DATA

EMD-FL-3V-500 2867979 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-3V-500



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-3V-500
Catalog number	2867979
Category	Voltage monitoring relay
Minimum order	1 Pcs
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Product Overview

Monitoring relay

Supervisory relay for 3-phase voltage monitoring of 350...650 V AC, undervoltage, Window, phase sequence, phase fault, asymmetry, selectable supply voltage via power module, 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
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Additional Product Information

Key Commercial Data

Orderkey 2867979

Packing unit 1 pc

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GTIN 4046356046985

Weight per Piece (excluding packing) 242.600 g

Custom tariff number 85364900

Country of origin AT (Austria)

Dimensions

Width 45 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 ~ 500 V

Maximum temperature coefficient < 0.1 %/K

Function Undervoltage, window, asymmetry, phase sequence, phase failure

Min. setting range -30 % ... 20 % (From UN)

Max. setting range -20 % ... 30 % (From UN)

Min setting range of the voltage threshold value 350 V AC ... 600 V AC

Max. setting range of the voltage threshold value 400 V AC ... 650 V AC

Setting range for response delay 0.1 s ... 10 s

Basic accuracy $\pm 5\%$ (of scale end value)

Setting accuracy $\leq 5\%$ (of scale end value)

Repeat accuracy $\leq 2\%$

Asymmetry 5 % ... 25% / OFF

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, ≤ 5 mm spacing)

1250 VA (5 A/250 V AC, module not aligned, ≥ 5 mm spacing)

Output fuse 5 A (fast-blow)

Power supply

Supply voltage range 230 V AC ... 500 V AC (see Power modules)

General

Mechanical service life approx. 2×10^7 cycles

Operating mode 100% operating factor

Mounting positio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-3V-500 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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