INDUSTRIAL COMPONENT DATA

EMD-FL-3V-230 2885773 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-3V-230



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-3V-230
Catalog number	2885773
Category	Voltage monitoring relay
Minimum order	1 Pcs
Document ID	EO-1392A64773
Generated	2026-11-18

Product Overview

Monitoring relay
Supervisory relay for 3-phase voltage monitoring of 160 ... 300 V AC, Undervoltage, Window, Phase Sequence, Phase Failure, Asymmetry, 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 2885773
Packing unit 1 pc
Catalog page Page 268 (C-5-2017)
GTIN 4046356100786
Weight per Piece (excluding packing) 164.900 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 ~ 230/132 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 161 V AC ... 276 V AC
Max. setting range of the voltage threshold value 184 V AC ... 299 V AC
Setting range for response delay 0.1 s ... 10 s
Basic accuracy ± 5 % (of scale end value)
Setting accuracy <= 5 % (of scale end value)
Repeat accuracy <= 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 24 V AC ... 240 V AC -15 % ... +10 %....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-3V-230 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.