INDUSTRIAL COMPONENT DATA

EMD-FL-3V-690 2885249 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-3V-690



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-3V-690
Catalog number	2885249
Category	Voltage monitoring relay
Minimum order	1 Pcs
Document ID	EO-54956D4C09
Generated	2026-11-18

Product Overview

Monitoring relay
Supervisory relay for 3-phase voltage monitoring of 483...897 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

Additional Product Information

Key Commercial Data
Orderkey 2885249
Packing unit 1 pc
Catalog page Page 268 (C-5-2017)
GTIN 4017918996482
Weight per Piece (excluding packing) 277.100 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 ~ 690 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 483 V AC ... 828 V AC
Max. setting range of the voltage threshold value 552 V AC ... 897 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 230 V AC ... 500 V AC (see Power modules)
General
Mechanical service life approx. 2x 107cycles
Operating mode 100% operating factor
Mounting positio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-3V-690 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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