INDUSTRIAL COMPONENT DATA

EMD-SL-PH-690 2905597 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-SL-PH-690



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-SL-PH-690
Catalog number	2905597
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-49B5018F65
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Product Overview

Monitoring relay
Control relay for monitoring phase sequence, phase fault and asymmetry in 208 V AC... 690 V AC three-phase voltages, 2 switched contacts, screw connection

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 2905597
Packing unit 1 pc
Catalog page Page 269 (C-5-2017)
GTIN 4046356967198
Weight per Piece (excluding packing) 156.400 g
Custom tariff number 85364900
Country of origin AT (Austria)
Dimensions
Width 22.5 mm
Height 90 mm
Depth 113 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 70 °C (C300)
-25 °C ... 55 °C (B300)
Ambient temperature (storage/transport) -25 °C ... 70 °C
Input data
Nominal input voltage UN 690 V (3~ 208 V ... 690 V)
Input voltage range 177 V ... 794 V (3~)
Function Undervoltage, phase sequence, phase failure
Min setting range of the voltage threshold value 177 V AC
Max. setting range of the voltage threshold value 794 V AC
Setting range for response delay 0.1 s ... 10 s
Basic accuracy <= 3 % (of scale end value)
Setting accuracy <= 5 % (of scale end value)
Repeat accuracy <= 2 %
Asymmetry 25 %
Recovery time > 500 ms
Contact side
Contact type 2 floating PDT contacts
Maximum switching voltage 400 V AC
Interrupting rating (ohmic load) max. 1250 VA (5 A/250 V AC at +55 °C)
150 VA (5 A/30 V DC at +55°C)
75 VA (2.5 A/30 V DC at +70°C)
Output fuse 5 A (fast-blow)
Power supply
Supply voltage ±15 % (= measuring voltage)
General
Mechanical service life 20x 106cycles
Operating mode 100% operating factor
Mounting position any
Assembly instructions on standard DIN rail NS 35 in accordance with EN 60715
Electromagnetic compatibility Conformance with EMC Directive 2004/108/EC
Overvoltage category III (IEC 60664-1)
Housing insula...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-SL-PH-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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