INDUSTRIAL COMPONENT DATA

EMG 10-OE-230AC/ 48DC/100 2948953 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OE-230AC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OE-230AC/ 48DC/100
Catalog number	2948953
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-84436D7474
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Product Overview

Solid-state relay module
Input solid-state relay, with indicator light and protection circuit in input and output circuit, input: 230 V AC, output: 4 - 48 V DC/max. 100 mA
Solid state input relay, with LEDs and protection in the input and output circuits, input: 230 V AC, output: 4 - 48 V DC/max. 100 mA

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 2948953
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 141 (IF-2011)
GTIN 4017918083625
Weight per Piece (excluding packing) 41.170 g
Custom tariff number 85364900
Country of origin DE (Germany)
Dimensions
Width 10 mm

Height 75 mm
Depth 102 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Degree of protection IP20
Input data
Nominal input voltage UN 230 V AC
Input voltage range in reference to UN 0.9 ... 1.1
Input voltage range 207 V AC ... 253 V AC
Switching threshold "0" signal in reference to UN <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 3.5 mA
Typical response time 10 ms
Typical turn-off time 10 ms
Status display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 10 Hz
Output data
Output nominal voltage 48 V DC
Output voltage range 4 V DC ... 48 V DC
Limiting continuous current 100 mA
Voltage drop at max. limiting continuous current 0.9 V
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Connection data, input side
Connection name Input side
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section solid 0.2 mm² ... 4 mm²
Conductor cross section flexible 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OE-230AC/ 48DC/100 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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