

INDUSTRIAL COMPONENT DATA

EMG 10-OE-230AC/48DC/100/SO218 2311700 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OE-230AC/48DC/100/SO218



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OE-230AC/48DC/100/SO218
Catalog number	2311700
Category	Optocoupler
Minimum order	50 Pcs
Document ID	EO-3C8B6CF4E5
Generated	2026-07-31

Product Overview

Solid-state relay module

Input solid-state relay, with indicator light and protection circuit in the output and input circuit, input: 230 V AC, output: 4 V DC - 48 V DC/max. 35 mA, customer-specific variant for 50 Hz triggering

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 2311700

Packing unit 10 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356287326

Weight per Piece (excluding packing) 40.400 g

Custom tariff number 85364900

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 10 mm

Height 75 mm
Depth 102 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
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
Typical input current at UN 3 mA
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 50 Hz
Output data
Output nominal voltage 48 V DC
Output voltage range 4 V DC ... 48 V DC
Limiting continuous current 35 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 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
Connection data, output side
Connection name Output side
Connection method Screw connection

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OE-230AC/48DC/100/SO218 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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