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-3FE6087ADC
Generated	2026-11-18

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

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 conne...

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

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.