

INDUSTRIAL COMPONENT DATA

EMG 17-OV- 12DC/240AC/3 2954222 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-12DC/240AC/3



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-12DC/240AC/3
Catalog number	2954222
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-9C8416D7FE
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Product Overview

Solid-state relay module

Solid-state power relay, with indicator light and protection circuit in input and output circuit, input: 12 V DC, output: 48-280 V AC/ max. 3 A

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 2954222

Packing unit 10 pc

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GTIN 4017918084882

Weight per Piece (excluding packing) 89.430 g

Custom tariff number 85364190

Country of origin DE (Germany)

Dimensions

Width 17.5 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 12 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 9.6 V DC ... 14.4 V DC
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 4.1 mA
Typical response time 10 ms
Typical turn-off time 10 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Varistor
Transmission frequency 25 Hz
Output data
Output nominal voltage 240 V AC
Output voltage range 48 V AC ... 280 V AC (50 Hz ... 60 Hz)
Limiting continuous current 3 A (see derating curve)
Min. load current 50 mA
Leakage current 4 mA (in off state)
Surge current 160 A ($t = 10$ ms)
Max. load value 128 A2s ($I_{2x} t$ where $t = 10$ ms)
Peak offstate voltage 600 V (Periodic peak reverse voltage)
Voltage drop at max. limiting continuous current ≤ 1 V
Output circuit 2-wire, floating
Type of protection RC element
Surge protection
Protective circuit/component RC element
Varistor
Connecti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-12DC/240AC/3 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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