

INDUSTRIAL COMPONENT DATA

EMG 17-OV-230AC/240AC/3 2954280 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-230AC/240AC/3



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-230AC/240AC/3
Catalog number	2954280
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-6CBC1CFAD8
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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: 230 V AC, 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 2954280

Packing unit 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918084943

Weight per Piece (excluding packing) 90.000 g

Custom tariff number 85364900

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 230 V AC

Input voltage range in reference to UN 0.8 ... 1.2

Input voltage range 184 V AC ... 276 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 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 10 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 ($I_2 \times t$ 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/comp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-230AC/240AC/3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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