INDUSTRIAL COMPONENT DATA

EMG 17-OV- 24DC/240AC/3 2954235 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-24DC/240AC/3



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-24DC/240AC/3
Catalog number	2954235
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-2C63D181A6
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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: 24 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

Additional Product Information

Key Commercial Data
Orderkey 2954235
Packing unit 10 pc
Catalog page Page 141 (IF-2011)
GTIN 4017918084899
Weight per Piece (excluding packing) 81.360 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 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 19.2 V DC ... 28.8 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 3.6 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 (I2x 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
Connect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-24DC/240AC/3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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