INDUSTRIAL COMPONENT DATA

EMG 10-OV-110DC/24DC/1 2944245 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OV-110DC/24DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OV-110DC/24DC/1
Catalog number	2944245
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-0B4FD2B9DB
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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: 110 V DC, output: 5-36 V DC/max. 1 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 2944245
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 138 (IF-2011)
GTIN 4017918081546
Weight per Piece (excluding packing) 40.530 g
Custom tariff number 85364900
Country of origin DE (Germany)
Dimensions
Width 10 mm
Height 75 mm
Depth 102 mm

Ambient conditions
Ambient temperature (operation) -20 °C ... 50 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Degree of protection IP20
Input data
Nominal input voltage UN 110 V DC
Input voltage range in reference to UN 0.9 ... 1.1
Input voltage range 99 V DC ... 121 V DC
Switching threshold "0" signal in reference to UN <= 0.23
Switching threshold "1" signal in reference to UN >= 0.9
Typical input current at UN 4 mA
Typical response time 0.1 ms
Typical turn-off time 0.2 ms
Status display Yellow LED
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 500 Hz
Output data
Output nominal voltage 24 V DC
Output voltage range 5 V DC ... 36 V DC
Limiting continuous current 1 A (see derating curve)
Surge current 2 A (t = 1 s)
Peak offstate voltage 45 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current <= 1 V
Output circuit 2-wire, floating
Type of protection Reverse polarity 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
Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OV-110DC/24DC/1 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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