INDUSTRIAL COMPONENT DATA

EMG 10-OV- 24DC/24DC/1 2944229 PHOENIX CONTACT Solid-state relay module

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OV-24DC/24DC/1
Catalog number	2944229
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-93AA3063B7
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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: 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 2944229
Packing unit 10 pc
Catalog page Page 138 (IF-2011)
GTIN 4017918081522
Weight per Piece (excluding packing) 39.350 g
Custom tariff number 85364190
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 ... 50 °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 0.9 ... 1.1
Input voltage range 21.6 V DC ... 26.4 V DC
Switching threshold "0" signal in reference to UN <= 0.21
Switching threshold "1" signal in reference to UN >= 0.9
Typical input current at UN 4.4 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
Power dissipation for nominal condition 0.11 W
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 da...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OV-24DC/24DC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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