

**INDUSTRIAL COMPONENT DATA**

# EMG 10-OV- 60DC/24DC/1 2944232 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OV-60DC/24DC/1



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | EMG 10-OV-60DC/24DC/1 |
| Catalog number  | 2944232               |
| Category        | Optocoupler           |
| Minimum order   | 10 Pcs                |
| Document ID     | EO-E631875BE3         |
| Generated       | 2026-08-02            |

### Product Overview

Solid-state relay module

Power solid-state relay, with indicator light and protection circuit in input and output circuit, input: 48 V-60 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 2944232

Packing unit 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918081539

Weight per Piece (excluding packing) 38.910 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 60 V DC  
Input voltage range in reference to UN 0.9 ... 1.1  
Input voltage range 54 V DC ... 66 V DC  
Switching threshold "0" signal in reference to UN  $\leq 0.18$   
Switching threshold "1" signal in reference to UN  $\geq 0.9$   
Typical input current at UN 4.7 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  $\leq 1$  V  
Output circuit 2-wire, floating  
Type of protection Reverse polarity protection  
Protective circuit/component Polarity protection diode  
Connection data, input side....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OV-60DC/24DC/1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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