

INDUSTRIAL COMPONENT DATA

EMG 10-OE- 12DC/ 48DC/100 2948898 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OE-12DC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OE-12DC/ 48DC/100
Catalog number	2948898
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-E1987B4CD2
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Product Overview

Solid-state relay module

Input solid-state relay, with indicator light and protection circuit in input and output circuit, input: 12 V DC, output: 4 - 48 V DC/max. 100 mA

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 2948898

Packing unit 10 pc

Catalog page Page 141 (IF-2011)

GTIN 4017918083564

Weight per Piece (excluding packing) 37.970 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 ... 60 °C

Ambient temperature (storage/transport) -20 °C ... 70 °C

Degree of protection IP20

Input data

Nominal input voltage UN 12 V DC

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

Input voltage range 9.6 V DC ... 14.4 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 10 mA

Typical response time 20 μ s

Typical turn-off time 100 μ s

Status display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Transmission frequency 500 Hz

Output data

Output nominal voltage 48 V DC

Output voltage range 4 V DC ... 48 V DC

Limiting continuous current 100 mA

Voltage drop at max. limiting continuous current 0.9 V

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge 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

Conductor cros...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OE-12DC/ 48DC/100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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