INDUSTRIAL COMPONENT DATA

EMG 12-OV- 24DC/ 60DC/1 2948746 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 12-OV-24DC/ 60DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 12-OV-24DC/ 60DC/1
Catalog number	2948746
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-D0A5260DF8
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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: 12-60 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 2948746
Packing unit 10 pc
Catalog page Page 139 (IF-2011)
GTIN 4017918083410
Weight per Piece (excluding packing) 48.510 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 12.5 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 7 mA
Typical response time 20 µs
Typical turn-off time 200 µs
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 60 V DC
Output voltage range 12 V DC ... 60 V DC
Limiting continuous current 1 A (see derating curve)
Peak offstate voltage 60 V DC
Voltage drop at max. limiting continuous current 1.2 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
S...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 12-OV-24DC/ 60DC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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