INDUSTRIAL COMPONENT DATA

EMG 17-OV- 24DC/ 24DC/2 2946803 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-24DC/ 24DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-24DC/ 24DC/2
Catalog number	2946803
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-48809B31B6
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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: short circuit resistant, 10-30 V DC/max. 2 A
Power solid-state relay, with LED and protective circuit in input and output circuits, input: 24 V DC, output: short-circuit-proof, 10 - 30 V DC/max. 2 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

Technical dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Solid-state relay module
Application Output function
Operating mode 100% operating factor
Data management status
Date of last data management 03.05.2024
Article revision 07
Insulation characteristics
Insulation Basic insulation
Overvoltage category III

Pollution degree 2
Electrical propertiesTest voltage (Input/output) 2.5 kV AC (Input/output)
Input dataNominal 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 3.5 mA
Typical response time 120 µs
Typical turn-off time 400 µs
Status display LED (yellow)
Protective circuit Reverse polarity protection; Polarity protection diode
Surge protection; Varistor
Transmission frequency 1000 Hz
Output dataContact switching type 1 N/O contact
Design of digital output electronic
Output nominal voltage 24 V DC
Output voltage range 10 V DC ... 30 V DC
Limiting continuous current 2 A (see derating curve)
Leakage current 150 µA
Peak offstate voltage 33 V DC (Collector-emitter reverse voltage)
Current limitation at short-circuits > 2 A (short-circuit-proof)
Voltage drop at max. limiting continuous current <= 0.3 V
Output circuit 3-conductor, ground-referenced
Error indication Red LED
Pr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-24DC/ 24DC/2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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