INDUSTRIAL COMPONENT DATA

EMG 17-OV- 24DC/ 48DC/2 2942810 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-24DC/ 48DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-24DC/ 48DC/2
Catalog number	2942810
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-81BD8343BF
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Product Overview

Solid-state relay module
Control-side induction-resistant solid-state relay interface, input: 24 V DC, output: 48 V DC/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

Key Commercial Data
Orderkey 2942810
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 445 (C-5-2017)
GTIN 4017918080860
Weight per Piece (excluding packing) 86.820 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 17.5 mm
Height 75 mm

Depth 102 mm
Ambient conditions
Ambient temperature (operation) -10 °C ... 55 °C
Ambient temperature (storage/transport) -10 °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, voltage <= 16 V DC
Switching threshold "1" signal voltage >= 16.8 V DC
Typical input current at UN 8 mA
Typical response time 20 µs
Typical turn-off time 200 µs
Status display Yellow LED
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 300 Hz
Power dissipation for nominal condition 0.19 W
Output data
Output nominal voltage 48 V DC
Output voltage range 12 V DC ... 48 V DC
Limiting continuous current 2 A (see derating curve)
Maximum inrush current 5 A (t = 1 s)
Peak offstate voltage 60 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current 1.1 V
Output circuit 3-conductor, ground-referenced
Type of protection Reverse polarity protection
Surge protection
Pro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-24DC/ 48DC/2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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