INDUSTRIAL COMPONENT DATA

EMG 17-OV- 12DC/ 60DC/3 2954141 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-OV-12DC/ 60DC/3



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-12DC/ 60DC/3
Catalog number	2954141
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-381BC649D3
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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: 12 V DC, output: 12-60 V DC/ max. 3 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 2954141
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 140 (IF-2011)
GTIN 4017918084806
Weight per Piece (excluding packing) 81.850 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) -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 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 3 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
C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-12DC/ 60DC/3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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