INDUSTRIAL COMPONENT DATA

EMG 17-OV-TTL/ 24DC/2 2943259 PHOENIX CONTACT Solid-state relay module

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-OV-TTL/ 24DC/2
Catalog number	2943259
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-5A20F1E75A
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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: TTL 5 V DC, output: short-circuit resistance, 24 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

Key Commercial Data
Orderkey 2943259
Packing unit 10 pc
Catalog page Page 141 (IF-2011)
GTIN 4017918107543
Weight per Piece (excluding packing) 56.600 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 5 V (TTL)
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 4 V DC ... 6 V DC
Switching threshold "0" signal, voltage 0.8 V (TTL)
Switching threshold "1" signal voltage 2 V (TTL)
Typical input current at UN 2.6 mA
Typical response time 170 µs
Typical turn-off time 190 µs
Status display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Free running
Protective circuit/component Polarity protection diode
Suppressor diode
Damping diode
Auxiliary voltage TTL input 5 V DC ±20 %
Auxiliary current TTL input 2.8 mA
Transmission frequency 1000 Hz
Output data
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-ref...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-OV-TTL/ 24DC/2 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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