

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-16BCC7EE63
Generated	2026-07-29

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 $\pm 20\%$

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.