INDUSTRIAL COMPONENT DATA

EMG 10-OV-230AC/24DC/1 2944274 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 10-OV-230AC/24DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 10-OV-230AC/24DC/1
Catalog number	2944274
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-51E4AFFC45
Generated	2026-11-18

Product Overview

Solid-state relay module
Solid-state power relay, with indicator light and protection circuit in input and output circuit, input: 230 V AC, output: 5-36 V DC/max. 1 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 2944274
Packing unit 10 pc
Catalog page Page 138 (IF-2011)
GTIN 4017918081577
Weight per Piece (excluding packing) 37.600 g
Custom tariff number 85364900
Country of origin DE (Germany)
Dimensions
Width 10 mm
Height 75 mm
Depth 102 mm
Ambient conditions

Ambient temperature (operation) -20 °C ... 50 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Degree of protection IP20
Input data
Nominal input voltage UN 230 V AC
Input voltage range in reference to UN 0.9 ... 1.1
Input voltage range 207 V AC ... 253 V AC
Switching threshold "0" signal in reference to UN <= 0.27
Switching threshold "1" signal in reference to UN >= 0.45
Typical input current at UN 4 mA
Typical response time 25 ms
Typical turn-off time 25 ms
Status display Yellow LED
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 10 Hz
Output data
Output nominal voltage 24 V DC
Output voltage range 5 V DC ... 36 V DC
Limiting continuous current 1 A (see derating curve)
Surge current 2 A (t = 1 s)
Peak offstate voltage 45 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current <= 1 V
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Connection data, input side
Connection name Input side
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section solid 0.2 mm² .....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 10-OV-230AC/24DC/1 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.