

INDUSTRIAL COMPONENT DATA

EMG 17-REL/SG-B 48/21/P 2946654 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMG 17-REL/SG-B 48/21/P



Manufacturer	PHOENIX CONTACT
MPN / Reference	EMG 17-REL/SG-B 48/21/P
Catalog number	2946654
Category	Switching relay
Minimum order	10 Pcs
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Product Overview

Relay Module

Relay module, with soldered remnant switching mini-relay, with positive-switched diode circuit, contacts (AgSnO): small to large powers, 1 switched contact, 48 V DC input voltage

Relay module, with permanently soldered remanence small switching relay, with plus-switching diode circuitry, contacts (AgSnO): small to large powers, 1 changeover, input voltage 48 V DC

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 2946654

Packing unit 10 pc

Note Made to Order (non-returnable)

Catalog page Page 145 (IF-2009)

GTIN 4017918118037

Weight per Piece (excluding packing) 48.940 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 62.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 50 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Coil side

Nominal input voltage UN 48 V DC

Input voltage range in reference to UN 0.8 ... 1.1

Typical input current at UN typ. 8.5 mA

Typical response time 5 ms

Typical release time 5 ms

Coil voltage 24 V DC

Protective circuit Free-wheeling diode Damping diode

Reverse polarity protection Polarity protection diode

Pulse time range 30 ms ... 5 s

Power dissipation for nominal condition 0.41 W

Contact side

Contact type Single contact, 1-PDT

Type of switch contact Single contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (at 100 mA)

24 V (At 1 mA)

Min. switching current 1 mA (at 24 V)

100 mA (At 5 V)

Maximum inrush current 8 A

Limiting continuous current 6 A

Interrupting rating (ohmic load) max. 144 W (at 24 V DC)

43 W (at 48 V DC)

42 W (at 60 V DC)

55 W (at 110 V DC)

100 W (at 220 V DC)

1500 VA (for 250 V AC)

Contact side (with destroyed gold layer)

Maximum switching voltage 250 V AC/DC

Limiting continuous curre...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMG 17-REL/SG-B 48/21/P 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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