INDUSTRIAL COMPONENT DATA

REL-PR1- 48DC/1/MB 2908613 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-PR1-48DC/1/MB



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-PR1-48DC/1/MB
Catalog number	2908613
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-2CAB37EA87
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Product Overview

Single relay
Pluggable high-power relay with power contacts, special for connecting high DC loads, 1 normally open contact, shut-off magnet, coil 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 2908613
Packing unit 1 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
GTIN 4055626312781
Weight per Piece (excluding packing) 88.900 g
Custom tariff number 85364190
Country of origin PL (Poland)
Dimensions
Width 38.6 mm
Height 36.1 mm
Depth 45.5 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 48 V DC
Typical response time 20 ms
Typical release time 15 ms
Contact side
Contact type 1 N/O contact
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 440 V AC
350 V DC
Minimum switching voltage 5 V (At 24 mA)
Min. switching current 5 mA (at 24 V)
Maximum inrush current 50 A (20 ms)
30 A (4 s)
Limiting continuous current 16 A
Interrupting rating (ohmic load) max. 384 W (at 24 V DC)
768 W (at 48 V DC)
930 W (at 60 V DC)
1650 W (at 110 V DC)
2640 W (at 220 V DC)
4000 VA (for 250 V AC)
Switching capacity min. 120 mW
Switching capacity 1 A (at 220 V, DC13)
1.5 A (at 240 V, AC15)
Switching capacity according to IEC 60947-5-1 1 A (at 220 V, DC13)
1.5 A (at 240 V, AC15)
General
Test voltage relay winding/relay contact 2.5 kV
Operating mode 100% operating factor
Degree of protection RT I
Mechanical service life approx. 2x 107cycles
Mounting position any
Standards and Regulations
Standards/regulations IEC 60664
IEC 61810
Rated surge voltage 4 kV
Degree of pollution 3
Overvoltage category III
Envi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-PR1-48DC/1/MB 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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