INDUSTRIAL COMPONENT DATA

REL-PR1-230AC/1/MB 2908047 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-PR1-230AC/1/MB



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-PR1-230AC/1/MB
Catalog number	2908047
Category	Switching relay
Minimum order	1 Pcs
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Product Overview

Single relay
Plug-in high-power relay with power contacts, special for connecting high DC loads, 1 normally open contact, shut-off magnet, coil voltage: 230 V AC

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 2908047
Packing unit 1 pc
Catalog page Page 328 (C-5-2017)
GTIN 4055626266916
Weight per Piece (excluding packing) 80.500 g
Custom tariff number 85364900
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 230 V AC
Input voltage range in reference to UN see diagram
Mains frequency 50/60 Hz
Typical input current at UN 12 mA
Typical response time 5 ms ... 25 ms (depending on phase relation)
Typical release time range 5 ms ... 18 ms (depending on phase relation)
Power dissipation for nominal condition 2.76 W
Contact side
Contact type 1 N/O contact
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 440 V AC
250 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)
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
Service life, electrical see diagram
Mounting....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-PR1-230AC/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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