INDUSTRIAL COMPONENT DATA

REL-PR1-110DC/1/MB 2908044 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-PR1-110DC/1/MB



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-PR1-110DC/1/MB
Catalog number	2908044
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: 110 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 2908044
Packing unit 1 pc
Catalog page Page 328 (C-5-2017)
GTIN 4055626266770
Weight per Piece (excluding packing) 88.900 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 110 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 15 mA
Typical response time 20 ms
Typical release time 15 ms
Power dissipation for nominal condition 1.65 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 position any
Net weight (SAP) 88.9 g
Standards and Regulations
Standards/regulations IEC 60664
IEC 61810
Rate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-PR1-110DC/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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