

**INDUSTRIAL COMPONENT DATA**

# REL-PR1-24DC/1/MB 2908040 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-PR1-24DC/1/MB



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | REL-PR1-24DC/1/MB |
| Catalog number  | 2908040           |
| Category        | Switching relay   |
| Minimum order   | 1 Pcs             |
| Document ID     | EO-CAB5288573     |
| Generated       | 2026-08-05        |

## 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: 24 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 &gt; Industrial Relays

## Additional Product Information

Key Commercial Data

Orderkey 2908040

Packing unit 1 pc

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GTIN 4055626266473

Weight per Piece (excluding packing) 83.700 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 24 V DC  
Input voltage range in reference to UN see diagram  
Typical input current at UN 70 mA  
Typical response time 20 ms  
Typical release time 15 ms  
Power dissipation for nominal condition 1.68 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 10<sup>7</sup> cycles  
Service life, electrical see diagram  
Mounting position any  
Net weight (SAP) 83.7 g  
Standards and Regulations  
Standards/regulations IEC 60664  
IEC 61810  
Rated...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-PR1-24DC/1/MB with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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