INDUSTRIAL COMPONENT DATA

REL-MR-BL-24DC/21HC/MS 2908180 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-BL-24DC/21HC/MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-BL-24DC/21HC/MS
Catalog number	2908180
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-C08C38060B
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature relay, with power contact, 1 switched contact, check button, mechanical indication of switching position, polarity: bipolar, input voltage: 24VDC

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 2908180
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 308 (C-5-2017)
GTIN 4055626277899
Weight per Piece (excluding packing) 18.000 g
Custom tariff number 85364190
Country of origin CN (China)
Dimensions
Width 13 mm
Height 29 mm
Depth 25.5 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 0.8 ... 2.2 (see diagram)
Typical input current at UN 17 mA
Typical response time 9 ms
Typical release time 6 ms
Power dissipation for nominal condition 0.41 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (at 10 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 32 A (20 ms)
Limiting continuous current 16 A
Interrupting rating (ohmic load) max. 384 W (at 24 V DC)
62 W (at 48 V DC)
48 W (at 60 V DC)
53 W (at 110 V DC)
66 W (at 220 V DC)
General
Test voltage relay winding/relay contact 5 kV AC (50 Hz, 1 min.)
Operating mode 100% operating factor
Degree of protection RT II
Mechanical service life 5x 106cycles
Service life, electrical see diagram
Mounting position any
Net weight (SAP) 18 g
Standards and Regulations
Standards/regulations IEC 61810
IEC 60664
Rated insulation voltage 250 V AC
Degree of pollution 2
Overvoltage category III
Environmental Product Com...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-BL-24DC/21HC/MS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.