INDUSTRIAL COMPONENT DATA

# REL-MR-110DC/21HC 2961338 PHOENIX CONTACT Single relay

**Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-110DC/21HC**




| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-MR-110DC/21HC |
| Catalog number | 2961338 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-4897F4CB1F |
| Generated | 2026-11-18 |

## Product Overview

Single relay
Plug-in miniature power relay, with power contact for high constant currents, 1 switched contact, input 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

Technical dataProduct propertiesProduct type Single relay
Operating mode 100% operating factor
Mechanical service life 3x 107cycles
Data management status
Date of last data management 02.05.2024
Article revision 02
Insulation characteristics
Overvoltage category III
Pollution degree 3
Electrical propertiesService life electrical see diagram
Maximum power dissipation for nominal condition 0.45 W
Test voltage (Winding/contact) 5 kV AC (50 Hz, 1 min., winding/contact)
Input dataCoil side
Nominal input voltage UN 110 V DC

Input voltage range 71.5 V DC ... 264 V DC
Drive and function monostable
Drive (polarity) non-polarized
Typical input current at UN 4.1 mA
Typical response time 7 ms
Typical release time 3 ms
Coil resistance 26600 ? ±15 % (at 20 °C)
Output dataSwitching
Contact switching type 1 changeover contact
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (at 10 mA)
Limiting continuous current 16 A
Maximum inrush current 50 A (20 ms)
Min. switching current 10 mA (at 12 V)
Interrupting rating (ohmic load) max. 384 W (at 24 V DC)
58 W (at 48 V DC)
48 W (at 60 V DC)
50 W (at 110 V DC)
80 W (at 220 V DC)
4000 VA (for 250 V AC)
Switching capacity 2 A (at 24 V, DC13)
0.2 A (at 110 V, DC13)
0.2 A (at 250 V, DC13)
6 A (at 24 V, AC15)
6 A (at 120 V, AC15)
6 A (at 250 V, AC15)
Motor load according to UL 508 1/2 HP, 120 V AC (N/O contact)
1 HP, 240 V AC (N/O contact)
1/3 HP, 120 V AC (N/C contact)
3/4 HP...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-110DC/21HC 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.