INDUSTRIAL COMPONENT DATA

# REL-MR-120AC/21HC/MS 2987901 PHOENIX CONTACT Single relay

**Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-120AC/21HC/MS**




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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-MR-120AC/21HC/MS |
| Catalog number | 2987901 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-0C503FE2B1 |
| Generated | 2026-11-18 |

## Product Overview

Single relay
Plug-in miniature relay, with power contact, 1 switched contact, check button, mechanical display of switching position, status LED, input voltage 120 V AC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2987901
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 306 (C-5-2017)
GTIN 4046356481038
Weight per Piece (excluding packing) 17.580 g
Custom tariff number 85364900
Country of origin CN (China)
Dimensions
Width 12.7 mm
Height 29 mm
Depth 25 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 120 V AC
Mains frequency 50/60 Hz
Typical input current at UN 7 mA
Typical response time 3 ms ... 12 ms (depending on phase relation)
Typical release time range 2 ms ... 8 ms (depending on phase relation)
Power dissipation for nominal condition 0.84 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. 4000 VA (for 250 V AC)
Switching capacity 2 A (at 24 V, DC13)
3 A (at 24 V, AC15)
3 A (at 120 V, AC15)
3 A (at 240 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)
1/2 HP, 240 V AC (N/C contact)
General
Test voltage relay winding/relay contact 5 kV AC (50 Hz, 1 min.)
Mechanical service life 5x 106cycles
Service life, electrical see diagram
Net weight (SAP) 17.58 g
Standards and Regulations
Co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-120AC/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

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