

INDUSTRIAL COMPONENT DATA

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

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-120AC/21HC/MS
Catalog number	2987901
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-D9E7CFF54D
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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

Catalog path	PHOENIX CONTACT > Industrial Relays
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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 10⁶ cycles

Service life, electrical see diagram

Net weight (SAP) 17.58 g

Standards and Regulations

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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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