INDUSTRIAL COMPONENT DATA

REL-MR-120AC/21HC AU 2961516 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-120AC/21HC AU
Catalog number	2961516
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-50465A9DFE
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Product Overview

Single relay
Pluggable miniature power relay, with multi-layer gold contact for high constant currents, 1 switched contact, 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

Additional Product Information

Key Commercial Data
Orderkey 2961516
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 304 (C-5-2017)
GTIN 4017918937911
Weight per Piece (excluding packing) 14.950 g
Custom tariff number 85364900
Country of origin AT (Austria)
Dimensions
Width 12.7 mm
Height 29 mm

Depth 15.7 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 85 °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 (at 50 Hz)
5 mA (At 60 Hz)
Typical response time 3 ms ... 12 ms (depending on phase relation)
Typical release time range 2 ms ... 9 ms (depending on phase relation)
Coil resistance 8100 ? ±15 % (at 20 °C)
Power dissipation for nominal condition 0.84 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgNi, hard gold-plated
Maximum switching voltage 30 V AC
36 V DC
Minimum switching voltage 100 mV (at 10 mA)
Min. switching current 1 mA (at 24 V)
Maximum inrush current 50 mA
Limiting continuous current 50 mA
Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)
Switching capacity 2 A (at 24 V, AC15)
Contact side (with destroyed gold layer)
Contact material AgNi
Note the following values are applicable if a gold layer is destroyed
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. switchin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-120AC/21HC AU 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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