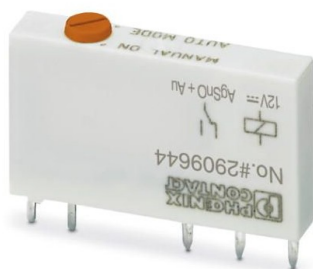


INDUSTRIAL COMPONENT DATA

REL-MR- 12DC/21AU/MS 2909644 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-12DC/21AU/MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-12DC/21AU/MS
Catalog number	2909644
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-897FA97870
Generated	2026-08-02

Product Overview

Single relay

Plug-in miniature power relay, with multi-layer gold contact, 1 switched contact, manual operation, input voltage 12 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

Key Commercial Data

Orderkey 2909644

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626377698

Weight per Piece (excluding packing) 4.700 g

Custom tariff number 85364190

Country of origin CZ (Czech Republic)

Dimensions

Width 5 mm

Height 28 mm

Depth 16 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Coil side

Nominal input voltage UN 12 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 14 mA

Typical response time 5 ms

Typical release time 2.5 ms

Coil resistance 848 $\pm 10\%$ (at 20 °C)

Power dissipation for nominal condition 0.17 W

Contact side

Contact type 1 PDT

Type of switch contact Single contact

Contact material AgSnO, 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)

Motor load according to UL 508 1/4 HP, 240 - 277 V AC (N/O contact)

1/6 HP, 240 - 277 V AC (N/C contact)

Contact side (with destroyed gold layer)

Contact material AgSnO

Note the following values are applicable if a gold layer is destroyed

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (at 100 mA)

Limiting continuous current 6 A

Min. switching current 10 mA (at 12 V)

Interrupting rating (ohmic....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-12DC/21AU/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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