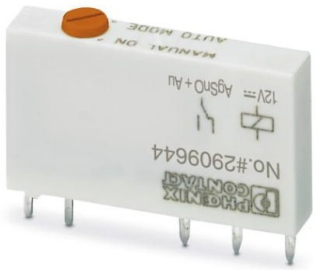
INDUSTRIAL COMPONENT DATA

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-4A938505F0
Generated	2026-11-19

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)
Catalog page Page 298 (C-5-2017)
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 ? ±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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