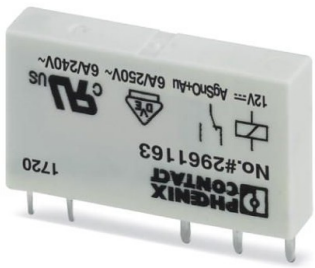
INDUSTRIAL COMPONENT DATA

REL-MR- 12DC/21AU 2961163 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-12DC/21AU
Catalog number	2961163
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-86A9ED17EF
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature power relay, with multi-layer gold contact, 1 switched contact, 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 2961163
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 298 (C-5-2017)
GTIN 4017918146870
Weight per Piece (excluding packing) 6.580 g
Custom tariff number 85364190
Country of origin CZ (Czech Republic)
Dimensions
Width 5 mm
Height 28 mm
Depth 15 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)
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 load) max. 140 W (at 24 V DC)
20 W (at 48 V DC)
18 W (at 60 V DC)
23 W (at 110 V DC)
40 W (at 220 V DC)
1500 VA (for 250 V AC)
Switching capa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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