

INDUSTRIAL COMPONENT DATA

REL-MR- 12DC/1ICT 1081616 PHOENIX CONTACT Pluggable miniature power relay, with tungsten pre-contact for hig..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-12DC/1ICT



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-12DC/1ICT
Catalog number	1081616
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-C8056B43C3
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Product Overview

Pluggable miniature power relay, with tungsten pre-contact for high switch-on currents up to 800 A peaks, 1 N/O contact, input voltage: 12 V DC

Pluggable miniature power relay, with tungsten advance contact for high input currents up to 800 A Peak, 1 normally open 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
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Additional Product Information

Key Commercial Data

Orderkey 1081616

Packing unit 1 pc

Minimum order quantity 10 pc

GTIN 4055626807881

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85364900

Country of origin AT (Austria)

Drawings

Ambient conditions

Contact side

Standards and Regulations

Classifications

Dimensions

Coil side

General

Environmental Product Compliance

Drawings

Drilling diagram

a = pitch division 2.5 mm

Diagram

Curve A

Maximum permissible continuous voltage U_{max} with limiting continuous current on the contact side (see relevant technical data)

Curve B

Minimum permissible operate voltage U_{op} after pre-excitation (see relevant technical data)

Dimensional drawing

Circuit diagram

[Back to top](#) Dimensions

Width 12.7 mm

Height 29 mm

Depth 15.7 mm

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

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

Maximum altitude ≤ 2000 m

Degree of protection RT II

[Back to top](#) Coil side

Nominal input voltage U_N 12 V DC

Input voltage range in reference to U_N see diagram

Typical input current at U_N 33 mA

Typical response time 8 ms

Typical release time 3 ms

Coil resistance $360 \pm 10\%$ (20 °C)

Power dissipation for nominal condition 0.4 W

[Back to top](#) Contact side

Contact type 1 N/O contact

Type of switch contact Single contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 12 V (100 mA)

Min. switching current 100 mA (at 12 V DC)

Maximum inrush current 165 A (20 ms)

800 A (200 μ s)

Limiti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-12DC/1ICT 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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