

INDUSTRIAL COMPONENT DATA

REL-MR-110DC/1IC 1081621 PHOENIX CONTACT Pluggable miniature power relay, with power contact for high switch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-110DC/1IC



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-110DC/1IC
Catalog number	1081621
Category	Switching relay
Minimum order	10 Pcs
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Product Overview

Pluggable miniature power relay, with power contact for high switch-on currents up to 130 A peaks, 1 N/O contact, input voltage: 110 V DC

Plug-in miniature power relay, with power contact for high input currents up to 130 A Peak, 1 normally open contact, input voltage 110 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 1081621
 Packing unit 1
 GTIN 4055626810317
 Custom tariff number 85364900
 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 topDimensions

Width 12.7 mm

Height 29 mm

Depth 15.7 mm

Back to topAmbient conditions

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 topCoil side

Nominal input voltage U_N 110 V DC

Input voltage range in reference to U_N see diagram

Typical input current at U_N 3.8 mA

Typical response time 8 ms

Typical release time 3 ms

Coil resistance 28880 ± 10 % (20 °C)

Power dissipation for nominal condition 0.42 W

Back to topContact 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 80 A (20 ms)

130 A (peak, at capacitive load, 230 V AC, 24 μ F)

Limiting continuous current 16 A

Interrupting rating (ohmic load) max. 384....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-110DC/1IC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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