

## INDUSTRIAL COMPONENT DATA

# REL-MR-110DC/1ICT 1081618 PHOENIX CONTACT Pluggable miniature power relay, with tungsten pre-contact for hig..

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



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | REL-MR-110DC/1ICT |
| Catalog number  | 1081618           |
| Category        | Switching relay   |
| Minimum order   | 10 Pcs            |
| Document ID     | EO-71B5A139BD     |
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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: 110 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 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 |
|--------------|-------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1081618

Packing unit 1 pc

Minimum order quantity 10 pc

GTIN 4055626810027

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

[Back to top](#) Ambient conditions

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

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

Maximum altitude  $\leq 2000$  m

Degree of protection RT II

[Back to top](#) Coil side

Nominal input voltage UN 110 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 3.8 mA

Typical response time 8 ms

Typical release time 3 ms

Coil resistance 28880  $\pm 10$  % (20 °C)

Power dissipation for nominal condition 0.42 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  $\mu$ s)

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-110DC/1ICT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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