INDUSTRIAL COMPONENT DATA

# REL-FO/LD-24DC/1X21MS 1308302 PHOENIX CONTACT Plug-in miniature relay with mechanical switching position ind..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-FO/LD-24DC/1X21MS**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-FO/LD-24DC/1X21MS |
| Catalog number | 1308302 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-5D7E45B349 |
| Generated | 2026-11-18 |

## Product Overview

Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 1 switch, status indication: LED (yellow), Free circulation diode, Input voltage: 24 V DC
REL-FO/LD-24DC/1X21MS - Single Relay
Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 1 changeover contact, status display: Yellow LED, Freewheeling diode, Input voltage: 24 V DC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Technical dataNotesGeneral Do not use to separate SELV/PELV circuits from other circuits, because safe isolation is not guaranteed. (applies to the optocoupler variants)
General The system installer must ensure the touch protection of the product (at voltages > 25 V AC/60 V DC). The product is a built-in device without protection against direct contact.
Product propertiesProduct type Single relay
Product family ESSENTIAL edition
Operating mode 100% operating factor
Mechanical service life approx. 5x 107cycles
Relay type Electromechanical relay

Insulation characteristics: Air clearances and creepage distances between the power circuits
Insulation Basic insulation
Overvoltage category II
Pollution degree 3
Electrical propertiesMaximum power dissipation for nominal condition 0.64 W
Test voltage (Winding/contact) 5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage () 1 kVrms(50 Hz, 1 min., open contact)
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V AC
Rated surge voltage 2.5 kV
Input dataCoil side
Nominal input voltage UN 24 V DC
Input voltage range 16.8 V DC ... 26.4 V DC
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 24 mA
Input power dissipation for UN 0.58 W
Typical response time 9 ms
Typical release time 10 ms
Protective circuit Freewheeling diode
Status display Yellow LED
Coil resistance 1080 ? ±10 %
Output dataSwitching
Contact switching type 1 changeover contact
Type of switch contac...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-FO/LD-24DC/1X21MS 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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