

INDUSTRIAL COMPONENT DATA

REL-FO/LD-110DC/1X21/MS 1308300 PHOENIX CONTACT

Plug-in miniature relay with mechanical switching position i..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-FO/LD-110DC/1X21/MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-FO/LD-110DC/1X21/MS
Catalog number	1308300
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-560D3055D2
Generated	2026-08-05

Product Overview

Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 1 switch, status indication: LED (yellow), Free circulation diode, Input voltage: 110 V DC

Plug-in miniature relay with mechanical switching position indicator, FASTON connection, 1 changeover contact, status display: Yellow LED, Freewheeling diode, 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

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 properties Maximum power dissipation for nominal condition 0.73 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 data Coil side

Nominal input voltage UN 110 V DC

Input voltage range 77 V DC ... 121 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 6 mA

Input power dissipation for UN 0.66 W

Typical response time 9 ms

Typical release time 10 ms

Protective circuit Freewheeling diode

Status display Yellow LED

Coil resistance 18870 $\pm 10\%$

Output data Switching

Contact switching type 1 changeover contact

Type of switch contact....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-FO/LD-110DC/1X21/MS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.