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-DDB2D82BC1
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: 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 propertiesMaximum 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 dataCoil 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 ? ±10 %
Output dataSwitching
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.