

INDUSTRIAL COMPONENT DATA

REL-FO/L-120AC/1X21 1308310 PHOENIX CONTACT Plug-in miniature relay, FASTON connection, 1 switch, status ind..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-FO/L-120AC/1X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-FO/L-120AC/1X21
Catalog number	1308310
Category	Switching relay
Minimum order	10 Pcs
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Product Overview

Plug-in miniature relay, FASTON connection, 1 switch, status indication: LED (yellow), Input voltage: 120 V AC

Plug-in miniature relay, FASTON connection, 1 changeover contact, status display: Yellow LED, Input voltage: 120 V AC

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. 3x 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 0.9 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 120 V AC

Input voltage range 96 V AC ... 132 V AC

Mains frequency 50/60 Hz

Drive and function monostable

Drive (polarity) non-polarized

Typical input current at UN 10 mA (50 Hz)

Input power dissipation for UN 1.2 W

Typical response time 2 ms ... 15 ms

Typical release time range 5 ms ... 20 ms

Status display Yellow LED

Coil resistance 6400 ? ±10 %

Output dataSwitching

Contact switching type 1 changeover contact

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-FO/L-120AC/1X21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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