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
Document ID	EO-017B8A3C66
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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

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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