INDUSTRIAL COMPONENT DATA

REL-IR2/L-120AC/2X21 2903667 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR2/L-120AC/2X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR2/L-120AC/2X21
Catalog number	2903667
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-7DAE781FAF
Generated	2026-11-19

Product Overview

Single relay
Plug-in industrial relays with power contacts, 2 inverter contacts, test key, status LED, mechanical switching position indication, 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 dataProduct propertiesProduct type Single relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Date of last data management 02.05.2024
Article revision 02
Insulation characteristics
Insulation Basic insulation
Overvoltage category III
Pollution degree 3 (Rated voltage of 230 V)
2 (Rated voltage of 400 V)
Electrical propertiesService life electrical see diagram
Maximum power dissipation for nominal condition 1.56 W

Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Contact/contact) 2.5 kVrms(50 Hz, 1 min., contact/contact)
Test voltage (Changeover contact/changeover contact) 2.5 kVrms(50 Hz, 1 min., changeover contact/changeover contact)
Rated insulation voltage 250 V AC
Rated surge voltage 4 kV
Input dataCoil side
Nominal input voltage UN 120 V AC
Input voltage range 93.6 V AC ... 165.6 V AC
Input voltage range in reference to UN see diagram
Mains frequency 50/60 Hz
Drive and function monostable
Drive (polarity) non-polarized
Typical input current at UN 13 mA
Typical response time 5 ms ... 15 ms (depending on phase relation)
Typical release time range 5 ms ... 20 ms (depending on phase relation)
Status display LED (yellow)
Output dataSwitching
Contact switching type 2 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Limiting continuous current 12 A
Maximum inrush c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR2/L-120AC/2X21 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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