INDUSTRIAL COMPONENT DATA

RIF-3-RPT-LV-120AC/3X21 2903293 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-3-RPT-LV-120AC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-3-RPT-LV-120AC/3X21
Catalog number	2903293
Category	Switching relay
Minimum order	5 Pcs
Document ID	EO-5DBE6B1FD0
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Product Overview

Relay Module
Pre-assembled relay module with push-in connection, consisting of: relay socket, relay with power contact, plug-in indication/antiparasitic module and clamping flange. Contact type: 3 investor contacts. Input voltage: 120 V AC
Preassembled relay module with Push-in connection, consisting of: relay base, power contact relay, plug-in display/interference suppression module, and retaining bracket. Contact switching type: 3 changeover contacts. 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 Relay Module
Product family RIFLINE complete
Application Universal
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Date of last data management 22.08.2024
Article revision 08
Insulation characteristics
Insulation Basic insulation

Overvoltage category III
Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 2.8 W
Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Contact/contact) 2 kVrms(50 Hz, 1 min., contact/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 102 V AC ... 132 V AC (20 °C)
Input voltage range in reference to UN see diagram
Mains frequency 50/60 Hz
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 23 mA
Typical response time 5 ms ... 15 ms
Typical release time range 5 ms ... 20 ms
Coil voltage 120 V AC
Protective circuit Varistor
Operating voltage display Yellow LED
Output dataSwitching
Contact switching type 3 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 10 V (24 mA)
Limiting continuous current 6 A (see diagram)
Maximum inrush current 30 A (20 ms, N/O contacts)
Min. switching current 10 mA (24 V)
Interrupting rating (ohmic load) max. 144 W (24 V DC)
124 W (48 V DC)
108...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-3-RPT-LV-120AC/3X21 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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