INDUSTRIAL COMPONENT DATA

RIF-2-RPT-LV-120AC/4X21/EX 2909740 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-2-RPT-LV-120AC/4X21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-2-RPT-LV-120AC/4X21/EX
Catalog number	2909740
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-F7A34029F4
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Product Overview

Relay Module
Pre-assembled relay module consisting of: relay socket, function insertable module, relay with power contact and clamping flange approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2, Push-in connection, 4 inverter contacts, Varistor, Input voltage: 120 VAC
Pre-assembled relay module consisting of: relay base, function plug-in module, power contact relay, and retaining bracket, approval in accordance with ATEX/IECEx (Zone 2) and Ex Zone Class I, Div. 2, Push-in connection, 4 changeover contacts, Varistor, 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 dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Relay Module
Product family RIFLINE complete
Application Class I, Division 2
potentially explosive areas
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status

Date of last data management 22.08.2024
Article revision 04
Insulation characteristics
Insulation Basic insulation
Overvoltage category III
II (Zone 2)
Pollution degree 2
Electrical propertiesMaximum 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 kVrms(50 Hz, 1 min., contact/contact)
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 ... 144 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 13 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 4 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (24 mA)
Limiting continuous current 5 A (see diagr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-2-RPT-LV-120AC/4X21/EX 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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