

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-8B2E939BEE
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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
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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 properties 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 kVrms(50 Hz, 1 min., contact/contact)

Rated insulation voltage 250 V AC

Rated surge voltage 2.5 kV

Input data Coil 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 data Switching

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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