

INDUSTRIAL COMPONENT DATA

RIF-2-RPT-LDP-24DC/4X21 2903308 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-2-RPT-LDP-24DC/4X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-2-RPT-LDP-24DC/4X21
Catalog number	2903308
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-FB32E7D102
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Product Overview

Relay Module

Pre-assembled relay module with push-in connection, consisting of: relay socket, relay with power contact and clamping flange. Contact type: 4 investor contacts. Input voltage: 24 V DC

Preassembled relay module with Push-in connection, consisting of: relay base, power contact relay, and retaining bracket.

Contact switching type: 4 changeover contacts. Input voltage: 24 V DC

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 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 07

Insulation characteristics

Insulation Basic insulation

Overvoltage category II

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 1.01 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 24 V DC

Input voltage range 19.2 V DC ... 30 V DC (20 °C)

Input voltage range in reference to UN see diagram

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 42 mA

Typical response time 13 ms

Typical release time 14 ms

Coil voltage 24 V DC

Protective circuit Freewheeling diode

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 (At 24 mA)

Limiting continuous current 6 A (see diagram)

Maximum inrush current 16 A (20 ms, N/O contacts)

Min. switching current 5 mA (24 V)

Interrupting rating (ohmic load) max. 144 W (at 24 V DC)

124 W (at 48 V DC)

108 W (at 60 V DC)

52 W (at 110 V D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-2-RPT-LDP-24DC/4X21 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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