

## INDUSTRIAL COMPONENT DATA

# RIF-2-RPT-LDP-24DC/4X21/EX 2909741 PHOENIX CONTACT Relay Module

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | RIF-2-RPT-LDP-24DC/4X21/EX |
| Catalog number  | 2909741                    |
| Category        | Switching relay            |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-783A2A062D              |
| Generated       | 2026-08-03                 |

## 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/IECEEx (zone 2) and Ex zone class I, div. 2, Push-in connection, 4 inverter contacts, Free flow diode, Input voltage: 24 VDC

## 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

### Key Commercial Data

Orderkey 2909741

Packing unit 10 pc

Note Made to Order (non-returnable)

GTIN 4055626379913

Weight per Piece (excluding packing) 109.630 g

Custom tariff number 85364110

Country of origin CN (China)

### Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

### Dimensions

Width 31 mm

Height 96 mm

Depth 75 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Coil side

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 42 mA

Typical response time 13 ms

Typical release time 14 ms

Coil voltage 24 V DC

Protective circuit Damping diode

Operating voltage display Yellow LED

Power dissipation for nominal condition 1.01 W

Contact side

Contact type 4 PDTs

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (At 24 mA)

Min. switching current 5 mA (at 24 V)

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

Limiting continuous current 6 A (see diagram)

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 DC)

48 W (at 220 V DC)

1500 VA (for 250 V AC)

Switching capacity 2 A (at 24 V, DC13)

0.22 A (at 120 V, DC13)

0.11 A (at 250 V, DC13)

1.5 A (at 24 V, AC15)

1.5 A (at 120 V, AC15)

1 A (at 240 V, AC15)

General

Test voltage relay winding/relay contact 2.5 kVrms(50 Hz, 1 min...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-2-RPT-LDP-24DC/4X21/EX with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.