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**



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|---|---|
| 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-3B9EB00212 |
| Generated | 2026-11-18 |

## 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, 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

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|---|---|
| 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 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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