

**INDUSTRIAL COMPONENT DATA**

# RIF-1-RPT-LDP-24DC/2X21MS 2905291 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RPT-LDP-24DC/2X21MS



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | PHOENIX CONTACT           |
| MPN / Reference | RIF-1-RPT-LDP-24DC/2X21MS |
| Catalog number  | 2905291                   |
| Category        | Switching relay           |
| Minimum order   | 10 Pcs                    |
| Document ID     | EO-CA93987E0A             |
| Generated       | 2026-08-05                |

## Product Overview

### Relay Module

Pre-assembled relay module with push-in connection, consisting of: relay socket, relay fixing brackets and relay with power contact with test button, integrated status LED and free circulation diode. Contact type: 2 investor 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 |
|--------------|-------------------------------------|

## Additional Product Information

### Key Commercial Data

Orderkey 2905291

Packing unit 10 pc

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GTIN 4046356945370

Weight per Piece (excluding packing) 67.810 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 16 mm

Height 93 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 18 mA  
Typical response time 9 ms  
Typical release time 10 ms  
Coil voltage 24 V DC  
Protective circuit Damping diode  
Operating voltage display Yellow LED  
Power dissipation for nominal condition 0.43 W  
Contact side  
Contact type 2 PDT  
Type of switch contact Single contact  
Contact material AgNi  
Maximum switching voltage 250 V AC/DC  
Minimum switching voltage 12 V (at 10 mA)  
Min. switching current 10 mA (at 12 V)  
Maximum inrush current 12 A (20 ms, N/O contact)  
Limiting continuous current see diagram  
Interrupting rating (ohmic load) max. 192 W (at 24 V DC)  
62 W (at 48 V DC)  
42 W (at 60 V DC)  
55 W (at 110 V DC)  
66 W (at 220 V DC)  
2000 VA (for 250 V AC)  
Switching capacity min. 120 mW  
Switching capacity 1 A (at 24 V, DC13)  
1.5 A (at 230 V, AC15)  
Connection data 1  
Connection name Coil side  
Connection method Push-in connection  
Stripping length 8 mm  
Conductor cross section solid 0.14 mm<sup>2</sup> ....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RPT-LDP-24DC/2X21MS 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

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