

## INDUSTRIAL COMPONENT DATA

# PLC-RPT- 24DC/2X21/FG 2910537 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-24DC/2X21/FG



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | PLC-RPT-24DC/2X21/FG |
| Catalog number  | 2910537              |
| Category        | Switching relay      |
| Minimum order   | 10 Pcs               |
| Document ID     | EO-39578C9F4C        |
| Generated       | 2026-07-31           |

## Product Overview

### Relay Module

PLC-INTERFACE, consisting of relay socket and plug-in safety relay with forced conduction contacts according to DIN EN 61810-3, Push-in connection, 2 inverter contacts, with forced guide, Free circulation diode, Input voltage: 24 VDC

PLC-INTERFACE, consisting of a relay base and plug-in safety relay with force-guided contacts in accordance with DIN EN 61810-3, Push-in connection, 2 changeover contacts, forcibly actuated, Freewheeling diode, 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 &gt; Industrial Relays

## Additional Product Information

Technical dataProduct propertiesProduct type Relay Module

Product family PLC-INTERFACE

Application Forcibly guided contacts

Operating mode 100% operating factor

Mechanical service life approx. 107cycles

B10d 600000 Cycles (AC1; 250 V / 6 A; 1 NO)

900000 Cycles (AC1; 250 V / 3 A; 1 NO)

1800000 Cycles (AC1; 250 V / 1,5 A; 1 NO)

180000 Cycles (AC15; 250 V / 3 A; 1 NO)

560000 Cycles (AC15; 250 V / 2 A; 1 NO)

4600000 Cycles (AC15; 250 V / 0,75 A; 1 NO)

360000 Cycles (DC13; 24 V / 3 A; 1 NO)

740000 Cycles (DC13; 24 V / 1,5 A; 1 NO)

4200000 Cycles (DC13; 24 V / 0,75 A; 1 NO)

Data management status

Date of last data management 08.07.2024

Article revision 03

Insulation characteristics: Standards/regulations

Insulation Safe isolation, reinforced insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 0.72 W

Test voltage (Winding/contact) 4 kVrms(50 Hz, 1 min., winding/contact)

Test voltage (Changeover contact/changeover contact) 2.5 kVrms(50 Hz, 1 min., changeover contact/changeover contact)

Standards/regulations

Rated insulation voltage 250 V AC

Rated surge voltage 6 kV

Input data Coil side

Nominal input voltage UN 24 V DC

Input voltage range 20.2 V DC ... 32.4 V DC (20 °C)

Input voltage range in reference to UN see diagram

Nominal voltage (plugged-in electromechanical relay) 24 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 30 mA

Typical response time 10 ms

Typical release t...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-24DC/2X21/FG 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

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