

## INDUSTRIAL COMPONENT DATA

# PLC-RPT-12DC/21/EX 2909527 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-12DC/21/EX



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | PLC-RPT-12DC/21/EX |
| Catalog number  | 2909527            |
| Category        | Switching relay    |
| Minimum order   | 10 Pcs             |
| Document ID     | EO-907D9CFF62      |
| Generated       | 2026-08-04         |

## Product Overview

### Relay Module

PLC-INTERFACE, consisting of a base terminal block for mounting on a 6.2 mm rail with push-in connection and plug-in miniature relay with 6 A power contact, 1 switched contact, input voltage of 12 V DC. Approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.

## 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 2909527

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626363646

Weight per Piece (excluding packing) 36.800 g

Custom tariff number 85364190

Country of origin DE (Germany)

### Note

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

**Dimensions**

Width 6.2 mm

Height 80 mm

Depth 94 mm

**Ambient conditions**

Ambient temperature (operation) -20 °C ... 60 °C (UL)

-40 °C ... 60 °C (ATEX / IECEx)

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

**Coil side**

Nominal input voltage UN 12 V DC

Typical input current at UN 15.3 mA

Typical response time 5 ms

Typical release time 8 ms

Protective circuit Reverse polarity protection Polarity protection diode

Free-wheeling diode Damping diode

Operating voltage display Yellow LED

Power dissipation for nominal condition 0.18 W

**Contact side**

Contact type 1 PDT

Type of switch contact Single contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)

Minimum switching voltage 5 V (at 100 mA)

Min. switching current 10 mA (at 12 V)

Maximum inrush current 10 A (4 s)

Limiting continuous current 6 A

Interrupting rating (ohmic load) max. 140 W (at 24 V DC)

20 W (at 48 V DC)

18....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PLC-RPT-12DC/21/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**

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