

**INDUSTRIAL COMPONENT DATA**

# PLC-RSC-12DC/21-21/EX 2909517 PHOENIX CONTACT Relay Module

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



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | PLC-RSC-12DC/21-21/EX |
| Catalog number  | 2909517               |
| Category        | Switching relay       |
| Minimum order   | 10 Pcs                |
| Document ID     | EO-47ECAE8BBF         |
| Generated       | 2026-08-05            |

## Product Overview

### Relay Module

PLC-INTERFACE, consisting of a base terminal block for mounting on a 14 mm rail with screw connection and plug-in relay with power contact, 2 switched contacts, input voltage 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 2909517

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626363202

Weight per Piece (excluding packing) 70.630 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 14 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 33 mA

Typical response time 8 ms

Typical release time 10 ms

Protective circuit Reverse polarity protection Polarity protection diode

Free-wheeling diode Damping diode

Operating voltage display Yellow LED

Power dissipation for nominal condition 0.4 W

**Contact side**

Contact type 2 PDT

Type of switch contact Single contact

Contact material AgNi

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 AC/DC (at 10 mA)

Min. switching current 10 mA (At 5 V)

Maximum inrush current 15 A (300 ms)

Limiting continuous current 6 A

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

85 W (at 48 V DC)....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PLC-RSC-12DC/21-21/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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