

## INDUSTRIAL COMPONENT DATA

# PLC-RPT- 12DC/21-21 2900329 PHOENIX CONTACT Relay Module

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



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | PLC-RPT-12DC/21-21 |
| Catalog number  | 2900329            |
| Category        | Switching relay    |
| Minimum order   | 10 Pcs             |
| Document ID     | EO-812DD6D57B      |
| Generated       | 2026-07-29         |

## Product Overview

### Relay Module

PLC-INTERFACE, consists of a PLC-BPT.../21-21 base terminal block with push-in connection and plug-in miniature relay with power contact, for mounting on NS 35/7.5 symmetrical rail, 2 inverter contacts, input voltage 12 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 2900329

Packing unit 10 pc

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GTIN 4046356507196

Weight per Piece (excluding packing) 62.990 g

Custom tariff number 85364900

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) -40 °C ... 60 °C

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)

60 W (at 60 V DC)

44 W (at 110 V DC)

60 W (at 220 V DC)

1500 VA (for 250 V AC)

Switching capacity 2 A....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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