INDUSTRIAL COMPONENT DATA

# PLC-RPT-12DC/21-21/EX 2909513 PHOENIX CONTACT Relay Module

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-RPT-12DC/21-21/EX |
| Catalog number | 2909513 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-D6EDBEDD29 |
| Generated | 2026-11-18 |

## Product Overview

Relay Module
PLC-INTERFACE, consisting of a base terminal block for mounting on a 14 mm rail with push-in 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2909513
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 458 (C-5-2017)
GTIN 4055626363165
Weight per Piece (excluding packing) 64.290 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-RPT-12DC/21-21/EX with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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