

INDUSTRIAL COMPONENT DATA

PLC-RPT- 48DC/21-21 2900333 PHOENIX CONTACT PLC-INTERFACE, consisting of PLC-BPT.../21-21 basic terminal blo..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-48DC/21-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-48DC/21-21
Catalog number	2900333
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-FD948C6A75
Generated	2026-08-02

Product Overview

PLC-INTERFACE, consisting of PLC-BPT.../21-21 basic terminal block with push-in connection and plug-in miniature relay with power contact, for mounting on NS 35/7,5 DIN rail, 2 PDTs, input voltage 48 V DC

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 installation on NS 35/7.5 symmetrical rail, 2 inverter contacts, input voltage 48 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

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 48 V DC

Typical input current at UN 20 mA

Typical response time 8 ms

Typical release time 10 ms

Protective circuit Protection against polarity reversal Polarity protection diode

Free-wheeling diode Damping diode

Operating voltage display Yellow LED

Power dissipation for nominal condition 0.96 W

Contact side

Contact type 2 PDT

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 in acc. with DIN VDE 0660/IEC 60947 2 A (at 24 V, DC13)

0.2 A (at 250 V, DC13)

3 A (at 24 V, AC15)

3 A (at 120 V, AC15)

3 A (at 250 V, AC15)

General

Operating mode 100% operating factor

Degree of protection RT III (Relay)

Mechanical service life 3 x 10⁷ cycles

Flammability rating according to UL 94 V0

Designation Standards/regulations

Standards/regu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-48DC/21-21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.