

INDUSTRIAL COMPONENT DATA

PLC-RPT- 48DC/21AU 2900308 PHOENIX CONTACT **PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal** **block w..**

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-48DC/21AU
Catalog number	2900308
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-F672365A87
Generated	2026-07-31

Product Overview

PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature relay with multi-layer gold contact, for mounting on DIN rail NS 35/7,5, 1 PDT, 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 6.2 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 9.2 mA

Typical response time 5 ms

Typical release time 8 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 0.44 W

Contact side

Contact type 1 PDT

Contact material AgSnO, hard gold-plated

Maximum switching voltage 30 V AC

36 V DC

Minimum switching voltage 100 mV (at 10 mA)

Min. switching current 1 mA (at 24 V)

Maximum inrush current 50 mA

Limiting continuous current 50 mA

Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)

Note the following values are applicable if a gold layer is destroyed

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (at 100 mA)

Limiting continuous current 6 A

Min. switching current 10 mA (at 12 V)

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

20 W (at 48 V DC)

18 W (at 60 V DC)

23 W (at 110 V DC)

40 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 110 V, DC13)

0.1 A (at 220 V, DC13)

3 A (at 24 V, AC15)

3 A (at 120 V, AC15)

3 A (at 230 V, AC15)

General

Test voltage relay winding/relay contact 4 kV AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-48DC/21AU 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.