INDUSTRIAL COMPONENT DATA

PLC-RPT- 48DC/21 2900301 PHOENIX CONTACT PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block wit..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-48DC/21
Catalog number	2900301
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-AC237742A3
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Product Overview

PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in technology and plug-in miniature relay with power contact, for mounting on NS 35/7,5 DIN rails, 1 PDT, input voltage: 48 V DC
PLC-INTERFACE, consists of a PLC-BPT.../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, 1 reverse contact, 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 yes
Power dissipation for nominal condition 0.44 W
Contact side
Contact type 1 PDT
Contact material AgSnO
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 (at 100 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current on request
Limiting continuous current 6 A
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 protection RT III (Relay)
Mechanical service life 2 x 107cycles
Flammability r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-48DC/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

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