INDUSTRIAL COMPONENT DATA

PLC-RPT-120UC/21HC 2900296 PHOENIX CONTACT PLC-INTERFACE for high continuous currents, consisting of PLC-BPT..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-120UC/21HC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-120UC/21HC
Catalog number	2900296
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-DA91F1E9EA
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Product Overview

PLC-INTERFACE for high continuous currents, consisting of PLC-BPT.../21 HC basic terminal block with push-in connection and plug-in miniature relay, for mounting on DIN rail NS 35/7,5, limiting continuous current up to 10 A, 1 PDT, input voltage 120 V AC/DC
PLC-INTERFACE for high constant currents, consisting of PLC-BPT.../21 HC base terminal block with push-in connection and plug-in miniature relay, for mounting on NS 35/7.5 rail, constant current limit up to 10 A, 1 switched contact, input voltage 120 V AC/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 120 V AC (110 V DC)
110 V DC
Typical input current at UN 4.2 mA (at 110 V DC)
4.5 mA (for 120 V AC)
Typical response time 7 ms
Typical release time 10 ms
Protective circuit Bridge rectifier Bridge rectifier
Operating voltage display Yellow LED
Power dissipation for nominal condition 0.54 W
Contact side
Contact type 1 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 12 V (at 10 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 30 A (300 ms)
Limiting continuous current 10 A
6 A (value applies to connections 12. If connections 12 are bridged, the normal value applies.)
Interrupting rating (ohmic load) max. 240 W (at 24 V DC)
58 W (at 48 V DC)
48 W (at 60 V DC)
50 W (at 110 V DC)
80 W (at 220 V DC)
2500 VA (for 250 V AC)
Interrupting rating (ohmic load) max. bridged 144 W (for 24 V DC. Value applies to connections 12. If connections 12 are bridged, the normal value applies.)
1500 VA (for 250 V AC. Value applies to connections 12. If connections 12 are bridged, the normal value applies.)
Switching....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-120UC/21HC 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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