

## INDUSTRIAL COMPONENT DATA

# PLC-RPT-230UC/21HC 2900297 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-230UC/21HC



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | PLC-RPT-230UC/21HC |
| Catalog number  | 2900297            |
| Category        | Switching relay    |
| Minimum order   | 10 Pcs             |
| Document ID     | EO-93354737AC      |
| Generated       | 2026-07-29         |

## Product Overview

### Relay Module

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 230 V AC/DC

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 changeover contact, input voltage 230 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

Technical dataProduct propertiesProduct type Relay Module

Product family PLC-INTERFACE

Application High continuous currents

Operating mode 100% operating factor

Mechanical service life 3x 10<sup>7</sup>cycles

Data management status

Date of last data management 11.07.2024

Article revision 09

Insulation characteristics

Insulation Safe isolation, reinforced insulation

Overvoltage category III

Pollution degree 3

Electrical properties Maximum power dissipation for nominal condition 0.99 W

Rated surge voltage 6 kV

Input data Coil side

Nominal input voltage UN 230 V AC

220 V DC

Input voltage range 179.4 V AC ... 264.5 V AC (20 °C)

171.6 V DC ... 264 V DC (20 °C)

Nominal voltage (plugged-in electromechanical relay) 110 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 4.3 mA (at 220 V DC)

4.5 mA (at 230 V AC)

Typical response time 7 ms

Typical release time 10 ms

Protective circuit Bridge rectifier; Bridge rectifier

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 changeover contact

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 12 V (10 mA)

Limiting continuous current 10 A

6 A (value applies to connections 12. If connections....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-230UC/21HC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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