INDUSTRIAL COMPONENT DATA

# PLC-RPT- 12DC/21/MS 2909666 PHOENIX CONTACT Relay Module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-12DC/21/MS**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-RPT-12DC/21/MS |
| Catalog number | 2909666 |
| Category | Switching relay |
| Minimum order | 1 Pcs |
| Document ID | EO-955DF874E2 |
| Generated | 2026-11-18 |

## Product Overview

Relay Module
PLC-INTERFACE, consisting of PLC-BPT.../21 base terminal block with push-in connection and plug-in miniature relay with power contact and manual operation, 1 switched contact, input voltage 12 V DC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Technical dataNotesNotes on operation Separating plate PLC-ATP must 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....
Product propertiesProduct type Relay Module
Product family PLC-INTERFACE
Application Palm switch
Operating mode 100% operating factor
Mechanical service life 1x 107cycles
Data management status
Date of last data management 01.07.2024
Article revision 03
Electrical propertiesMaximum power dissipation for nominal condition 0.18 W
Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)

Insulation characteristics: Coil/contact
Rated insulation voltage 250 V
Rated impulse withstand voltage 6 kV
Overvoltage category III
Degree of pollution 3
Input dataCoil side
Nominal input voltage UN 12 V DC
Input voltage range 9.7 V DC ... 16.8 V DC (20 °C)
Nominal voltage (plugged-in electromechanical relay) 12 V DC
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 15.3 mA
Typical response time 5 ms
Typical release time 8 ms
Protective circuit Reverse polarity protection; Polarity protection diode
Surge protection; Freewheeling diode
Operating voltage display Yellow LED
Output dataSwitching
Contact switching type 1 changeover contact
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages l...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-12DC/21/MS 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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