INDUSTRIAL COMPONENT DATA

# PLC-RSC-24DC/21HC/EX 2909519 PHOENIX CONTACT Relay Module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RSC-24DC/21HC/EX**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-RSC-24DC/21HC/EX |
| Catalog number | 2909519 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-D980671ABB |
| Generated | 2026-11-18 |

## Product Overview

Relay Module
PLC-INTERFACE, consisting of a base terminal block for mounting on a 14 mm rail with screw connection and plug-in relay with 10 A power contact, 1 switched contact, input voltage of 24 V DC. Approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.
PLC-INTERFACE, consisting of DIN-rail-mountable basic terminal block in 14 mm with screw connection and plug-in relay with 10 A power contact, 1 changeover contact, 24 V DC input voltage. Approved according to ATEX/IECEx (Zone 2) and Ex Zone Class I, Div. 2.

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 dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Relay Module
Product family PLC-INTERFACE
Application High continuous currents
potentially explosive areas
Operating mode 100% operating factor
Mechanical service life 3x 107cycles
Data management status

Date of last data management 07.05.2024
Article revision 04
Insulation characteristics: Standards/regulations
Insulation Safe isolation, reinforced insulation
Overvoltage category III
Pollution degree 3
Electrical propertiesMaximum power dissipation for nominal condition 0.43 W
Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)
Standards/regulations
Rated insulation voltage 250 V AC
Rated surge voltage 6 kV
Input dataCoil side
Nominal input voltage UN 24 V DC
Input voltage range 20.2 V DC ... 33.6 V DC (20 °C)
Nominal voltage (plugged-in electromechanical relay) 24 V DC
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 18 mA
Typical response time 8 ms
Typical release time 10 ms
Protective circuit Reverse polarity protection; Polarity protection diode
Freewheeling diode; Freewheeling diode
Operating voltage display Yellow LED
Output dataSwitching
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 (...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RSC-24DC/21HC/EX with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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