

INDUSTRIAL COMPONENT DATA

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

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RSC-24DC/21HC/EX
Catalog number	2909519
Category	Switching relay
Minimum order	10 Pcs
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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/IECEEx (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/IECEEx (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

Catalog path	PHOENIX CONTACT > Industrial Relays
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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.

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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