

INDUSTRIAL COMPONENT DATA

PLC-RPT- 72UC/21-21/RW 2900347 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-72UC/21-21/RW



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-72UC/21-21/RW
Catalog number	2900347
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-CB48BEE24E
Generated	2026-08-04

Product Overview

Relay Module

PLC-INTERFACE for railway applications, consisting of base terminal block with push-in connection and plug-in miniature relay with power contact, range: 0.7 x UN to 1.25 x UN, TX temperature class: -40 °C to +70 °C, 2 switched contacts, input voltage 72 V 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 Railway applications

Installation location Attached to the vehicle body

Operating mode 100% operating factor

Mechanical service life approx. 3x 10⁷cycles

Data management status

Date of last data management 08.07.2024

Article revision 07

Insulation characteristics

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 0.43 W

Test voltage (Winding/contact) 5 kVrms(50 Hz, 1 min., winding/contact)

Test voltage (Changeover contact/changeover contact) 2.5 kVrms(50 Hz, 1 min., changeover contact/changeover contact)

Rated insulation voltage 250 V AC

Rated surge voltage 6 kV

Input data Coil side

Nominal input voltage UN 72 V DC

Input voltage range 50.4 V DC ... 90 V DC

Nominal voltage (plugged-in electromechanical relay) 48 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 6 mA

Typical response time 5 ms

Typical release time 11 ms

Protective circuit Bridge rectifier

Surge protection; Freewheeling diode

RCZ filter

Wide-range electronics

Operating voltage display Yellow LED

Output data Switching

Contact switching type 2 changeover contacts

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC (Separating plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-72UC/21-21/RW 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.