

INDUSTRIAL COMPONENT DATA

PLC-RSC-230UC/21-21/SO46 2980500 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RSC-230UC/21-21/SO46



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RSC-230UC/21-21/SO46
Catalog number	2980500
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-8227A58921
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Product Overview

Relay Module

PLC-INTERFACE against eddy currents or eddy voltages on the control side, consisting of PLC-BSC.../21 base terminal block with screw connection and plug-in miniature relay with power contact, 2 switched contacts, input voltage 230 V AC

PLC-INTERFACE with protection against interference currents/voltages on the control side, consisting of PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature relay with power contact, 2 changeover contacts, input voltage 230 V AC

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 dataProduct propertiesProduct type Relay Module

Product family PLC-INTERFACE

Application Filter to prevent interference

Operating mode 100% operating factor

Mechanical service life 3x 10⁷cycles

Data management status

Date of last data management 08.08.2024

Article revision 10

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation Basic insulation

Overvoltage category III

Pollution degree 3

Electrical properties Maximum power dissipation for nominal condition 1.04 W

Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)

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

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V AC

Rated surge voltage 4 kV (Safe isolation, reinforced insulation, and 6 kV between input circuit and output contact current paths)

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 ... 253 V DC (20 °C)

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

Mains frequency 50/60 Hz

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 9 mA

Typical response time 7 ms

Typical release time 10 ms

Typical release voltage 60 V AC/DC

Protective circuit Bridge rectifier

Status display LED (yellow)

Output data Switching

Contact switching type 2 changeover contacts

Type of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RSC-230UC/21-21/SO46 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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