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**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-RSC-230UC/21-21/SO46 |
| Catalog number | 2980500 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-AD6CD10ADA |
| Generated | 2026-11-19 |

## 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

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| Catalog path | PHOENIX CONTACT > Industrial Relays |

## 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 propertiesMaximum 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 dataCoil 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 dataSwitching
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.



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