

# PLC-RSC- 36DC/21AU - Relay module



2966980

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PLC-INTERFACE, comprising PLC-BSC.../21 basic terminal block with screw connection and plug-in miniature relay with multi-layer contact, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 36 V DC

The figure shows the version PLC-RSC-24DC/21

## Commercial data

Item number	2966980
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C461
Product key	DK621B
GTIN	4017918410643
Weight per piece (including packing)	39.88 g
Weight per piece (excluding packing)	33.77 g
Customs tariff number	85364900
Country of origin	DE

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## Technical data

### Product properties

Product type	Relay Module
Product family	PLC-INTERFACE
Application	Universal

### Data management status

Date of last data management	12.09.2025
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### Input data

#### Coil side

Nominal input voltage $U_N$	36 V DC
Drive and function	monostable

### Output data

#### Switching

Contact switching type	1 changeover contact
Type of switch contact	Single contact
Contact connection type	Signal contact
Contact material	AgSnO <sub>2</sub> , hard gold-plated
Maximum switching voltage	30 V AC 36 V DC
Minimum switching voltage	100 mV (at 10 mA)
Limiting continuous current	50 mA
Min. switching current	1 mA (at 24 V)
Interrupting rating (ohmic load) max.	1.2 W (at 24 V DC)

#### Switching: when the gold layer is destroyed

Note	<b>the following values are applicable if a gold layer is destroyed</b>
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (at 100 mA)
Limiting continuous current	6 A
Min. switching current	10 mA (at 12 V)
Interrupting rating (ohmic load) max.	140 W (at 24 V DC) 20 W (at 48 V DC) 18 W (at 60 V DC) 23 W (at 110 V DC) 40 W (at 220 V DC) 1500 VA (for 250 V AC)

### Connection data

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Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Single ferrule)
	2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (TWIN ferrule)
Conductor cross-section AWG	26 ... 14
Tightening torque	0.6 Nm ... 0.8 Nm

## Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94 (Housing)	V0 (Housing)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Relay base)	IP20 (Relay base)
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Approvals

### CE

Certificate	CE-compliant
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### UKCA

Certificate	UKCA-compliant
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### Shipbuilding approval

Certificate	TAE0000196
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### Shipbuilding data

Temperature	D
Humidity	A
Vibration	B/C
EMC	B
Enclosure	Required protection according to the Rules shall be provided upon installation on board

## EMC data

Electromagnetic compatibility	Conformance with EMC directive
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Low Voltage Directive	Conformance with Low Voltage Directive
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## Mounting

Mounting type	DIN rail mounting
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## Classifications

### UNSPSC

UNSPSC 21.0

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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

[info@phoenixcon.com](mailto:info@phoenixcon.com)