

# Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

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PLC sensor relay, consisting of basic terminal block PLC-BSC...SEN with screw connection and pluggable miniature relay with multi-layer contact, for assembly on DIN rail NS 35/7.5, 1 N/C contact, input voltage 230 V AC/220 V DC

The figure shows version PLC-RSC 24DC/1AU/SEN



## Key commercial data

package_quantity	10
GTIN	4017918160128

## Technical data

Note:

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Dimensions

Width	6.2 mm
Height	80 mm
Depth	94 mm

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

### Coil side

Nominal input voltage $U_N$	230 V AC
Nominal input voltage $U_N$	220 V DC
Nominal input voltage $U_N$	230 V AC/DC
Nominal input current at $U_{IN}$	3.2 mA
Operating voltage display	Yes
Protective circuit	Bridge rectifier

### Contact side

Contact type	1 N/C contact
Contact material	Ag alloy, hard gold-plated

## Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

### Technical data

#### Contact side

Maximum switching voltage	30 V AC
Maximum switching voltage	36 V DC
Minimum switching voltage	100 mV
Maximum inrush current	50 mA
Min. switching current	1 mA
Limiting continuous current	50 mA
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	140 W (at 24 V DC)
Interrupting rating (ohmic load) max.	20 W (at 48 V DC)
Interrupting rating (ohmic load) max.	18 W (at 60 V DC)
Interrupting rating (ohmic load) max.	23 W (at 110 V DC)
Interrupting rating (ohmic load) max.	40 W (at 220 V DC)
Interrupting rating (ohmic load) max.	1500 VA (for 250 V AC)

#### General

Inflammability class according to UL 94	V0
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#### Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

### classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

#### ETIM

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## classifications

### ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

## approvals

UL Recognized / cUL Recognized / GL / UL Listed / cUL Listed / cULus Recognized / cULus Listed /

### Approval details

UL Recognized

cUL Recognized

GL

UL Listed

cUL Listed

cULus Recognized

cULus Listed

## Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

accessories

### Mounting rail

NS 35/ 7,5 V2A UNPERF 2000MM - 0801377



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 CU UNPERF 2000MM - 1201895



## Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

### accessories

NS 35/15-2,3 UNPERF 2000MM - 1201798



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 PERF 2000MM - 1201730



NS 35/ 7,5 UNPERF 2000MM - 0801681



### Power module

PLC-ESK GY - 2966508



### Partition plate

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## accessories

PLC-ATP BK - 2966841



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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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## Terminal marking

ZB 6:UNBEDRUCKT - 1051003



ZB 6/WH-100:UNBEDRUCKT - 5060935



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## Labeled terminal marker

ZB 6,LGS:FORTL.ZAHLEN - 1051016



## Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

accessories

### Bridge

FBST 500-PLC RD - 2966786



FBST 500-PLC BU - 2966692



FBST 500-PLC GY - 2966838



FBST 6-PLC RD - 2966236



FBST 6-PLC BU - 2966812



## Relay Module - PLC-RSC-230UC/ 2AU/SEN - 2966443

### accessories

FBST 6-PLC GY - 2966825



FBST 8-PLC GY - 2967688



### Drawings

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