

# Switch - PLC-RSC- 24UC/ 1/S/H - 2982236

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PLC-INTERFACE with switch (operation by hand) and integrated power contact relay for the "Manual, Zero and Automatic" functions, with screw connection, for assembly on DIN rail NS 35/7.5, a N/O, input voltage 24 V AC/DC

## Product Features

- Just 6.2 mm wide
- Safe isolation according to DIN EN 50178 between coil and contact
- Max. switching current of 6 A
- Screw, spring-cage or Push-in connection
- Floating confirmation contact



## Key commercial data

package_quantity	10
GTIN	4046356093941

## 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	90 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C

### Coil side

Nominal input voltage $U_N$	24 V AC/DC
Input voltage range in reference to $U_N$	(refer to the diagram)
Nominal input current at $U_{IN}$	11 mA
Typical response time	6 ms
Typical release time	15 ms

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## Technical data

### Coil side

<b>Operating voltage display</b>	Yellow LED
<b>Protective circuit</b>	Bridge rectifier Bridge rectifier

### Contact side

<b>Contact type</b>	1 N/O contact
<b>Contact material</b>	AgSnO
<b>Maximum switching voltage</b>	250 V AC/DC
<b>Minimum switching voltage</b>	5 V (at 100 mA)
<b>Maximum inrush current</b>	(on request)
<b>Min. switching current</b>	10 mA (at 12 V)
<b>Limiting continuous current</b>	6 A
<b>Interrupting rating (ohmic load) max.</b>	140 W (at 24 V DC)
<b>Interrupting rating (ohmic load) max.</b>	20 W (at 48 V DC)
<b>Interrupting rating (ohmic load) max.</b>	18 W (at 60 V DC)
<b>Interrupting rating (ohmic load) max.</b>	23 W (at 110 V DC)
<b>Interrupting rating (ohmic load) max.</b>	40 W (at 220 V DC)
<b>Interrupting rating (ohmic load) max.</b>	1500 VA (for 250 V AC)

### General

<b>Operating mode</b>	100% operating factor
<b>Inflammability class according to UL 94</b>	V0
<b>Name</b>	Air and creepage distances between the power circuits
<b>Standards/regulations</b>	IEC 60664
<b>Standards/regulations</b>	EN 50178
<b>Standards/regulations</b>	IEC 62103
<b>Rated surge voltage / insulation</b>	6 kV
<b>Rated insulation voltage</b>	250 V AC
<b>Pollution degree</b>	2
<b>Surge voltage category</b>	III
<b>Mounting position</b>	Any
<b>Assembly instructions</b>	In rows with zero spacing

### Connection data

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

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## 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

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

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

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### Approval details

UL Listed
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cUL Listed
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GL
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UL Recognized
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approvals

cUL Recognized 

cULus Recognized 

cULus Listed 

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



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### accessories

NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 CU UNPERF 2000MM - 1201895



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



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accessories

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## Power module

PLC-ESK GY - 2966508



## Partition plate

PLC-ATP BK - 2966841



## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



## Controller board

PLC-V8/FLK14/OUT - 2295554



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### accessories

PLC-V8/FLK14/OUT/M - 2304102



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PLC-V8/D15B/OUT - 2296061



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### Interface module

PLC-V8/D15S/OUT - 2296058



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### Bridge

FBST 500-PLC RD - 2966786



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FBST 500-PLC BU - 2966692



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### accessories

FBST 500-PLC GY - 2966838



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FBST 6-PLC RD - 2966236



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FBST 6-PLC BU - 2966812



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FBST 6-PLC GY - 2966825



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FBST 8-PLC GY - 2967688



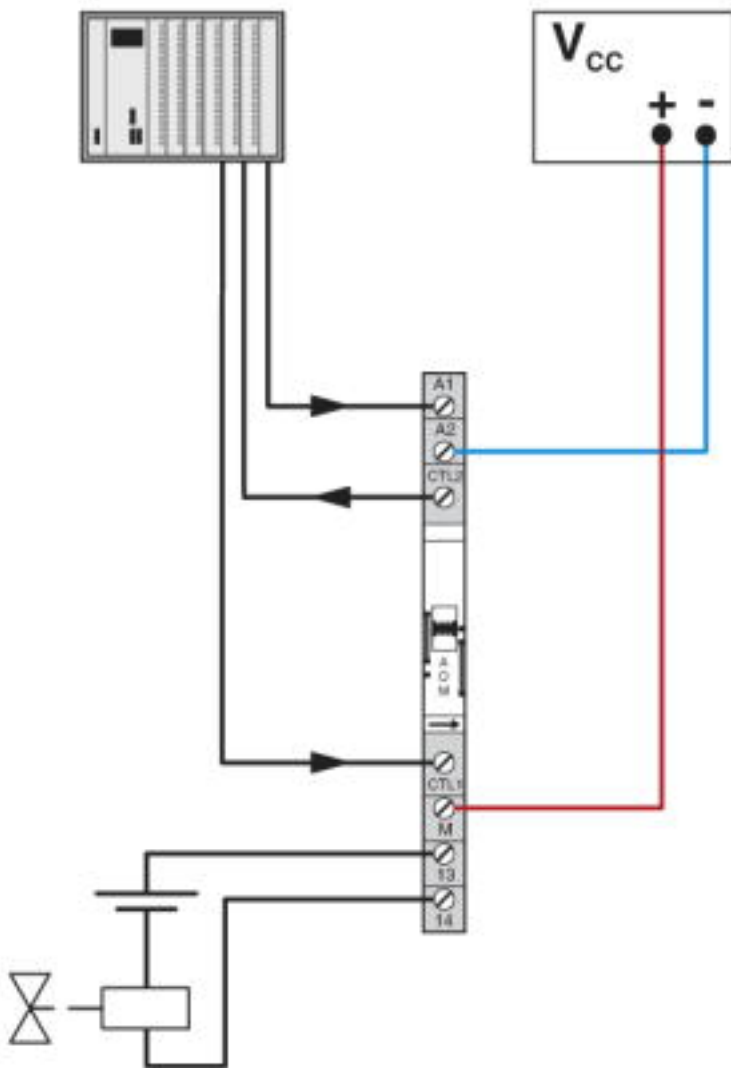
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### Drawings



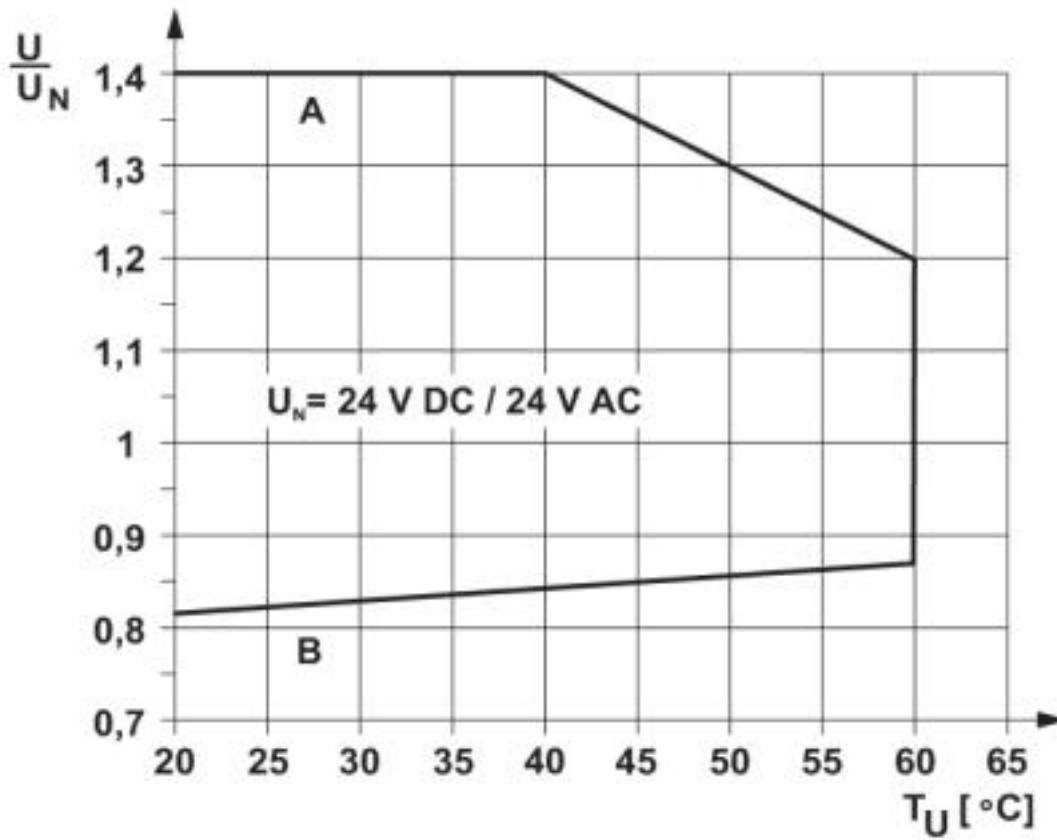
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Application drawing



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Diagram



Circuit diagram

