

# Switch - PLC-RPT- 24UC/ 1/S/H - 2900328

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

The figure shows the version with spring-cage connection

## Product Features

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



## Key commercial data

package_quantity	10
GTIN	4046356507554

## 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

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## Technical data

### Coil side

Typical release time	15 ms
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier Bridge rectifier

### Contact side

Contact type	1 N/O contact
Contact material	AgSnO
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (at 100 mA)
Maximum inrush current	(on request)
Min. switching current	10 mA (at 12 V)
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

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

### Connection data

Connection method	Push-in 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

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## classifications

### eCl@ss

eCl@ss 4.0	27371001
eCl@ss 4.1	27371001
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 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 Listed / cUL Listed / UL Recognized / cUL Recognized / cULus Recognized / cULus Listed /

### Approval details

UL Listed

cUL Listed

UL Recognized

cUL Recognized

## Switch - PLC-RPT- 24UC/ 1/S/H - 2900328

approvals

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



NS 35/15 UNPERF 2000MM - 1201714



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### accessories

NS 35/15 CU UNPERF 2000MM - 1201895



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



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NS 35/15 AL UNPERF 2000MM - 1201756



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NS 35/15 PERF 2000MM - 1201730



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NS 35/ 7,5 UNPERF 2000MM - 0801681



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### Power module

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### accessories

PLC-ESK GY - 2966508



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### Partition plate

PLC-ATP BK - 2966841



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### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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### Controller board

PLC-V8/FLK14/OUT - 2295554



PLC-V8/FLK14/OUT/M - 2304102



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### accessories

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



FBST 500-PLC BU - 2966692



FBST 500-PLC GY - 2966838



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### accessories

FBST 6-PLC RD - 2966236



FBST 6-PLC BU - 2966812



FBST 6-PLC GY - 2966825



FBST 8-PLC GY - 2967688

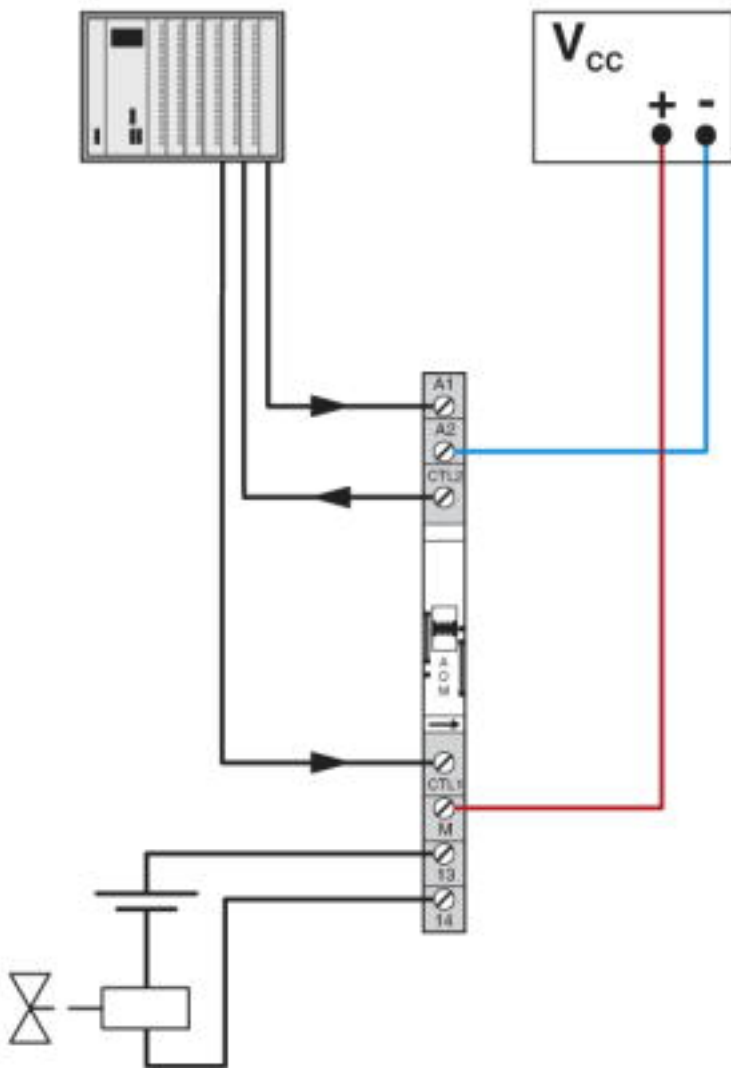


### Drawings



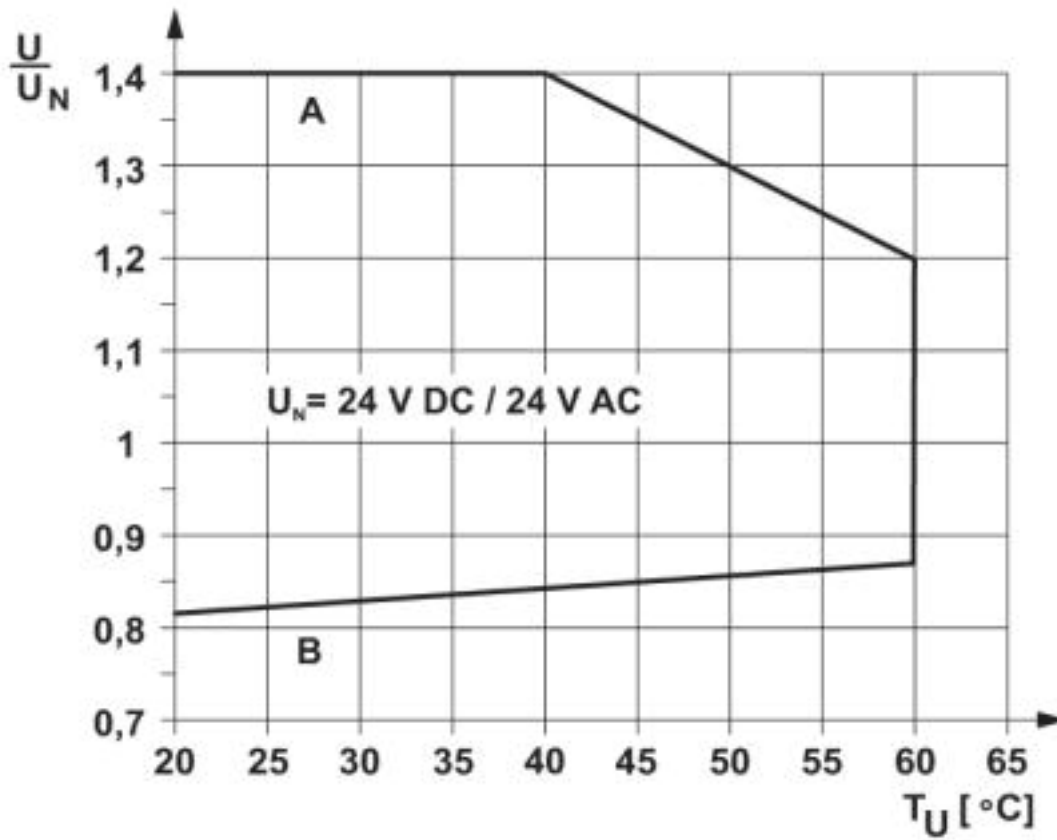
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Application drawing



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Diagram



Circuit diagram

