

## Switch - PLC-SP-S/L - 2980788

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PLC-RELAY with integrated switch (actuation: Screwdriver) with spring-cage connection, for mounting on DIN rail NS 35/7.5, input voltage  $\leq 72$  V DC

The figure shows a version with a screw connection

### Product Features

- Just 6.2 mm wide
- Floating confirmation contact
- Screw, spring-cage or Push-in connection



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	26.94 GRM
Custom tariff number	85364900
Country of origin	Germany

### Technical data

#### Dimensions

Width	6.2 mm
Height	80 mm
Depth	86 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

#### Contact side

Maximum switching voltage	72 V DC
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## Technical data

### Contact side

Minimum switching voltage	2 V DC
Maximum inrush current	50 mA
Min. switching current	1 mA

### General

Operating mode	100% operating factor
Inflammability class according to UL 94	V0
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	0.5 kV / basic insulation
Rated insulation voltage	85 V AC
Pollution degree	2
Surge voltage category	III
Mounting position	any
Assembly instructions	In rows with zero spacing

### Connection data

Connection method	Spring-cage connection
Stripping length	8 mm
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 solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil max	14
Conductor cross section AWG/kcmil min.	26

## 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

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## Classifications

### ETIM

ETIM 2.0	EC001504
ETIM 3.0	EC001504
ETIM 4.0	EC001504
ETIM 5.0	EC001504

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121542
UNSPSC 11	39121542
UNSPSC 12.01	39121542
UNSPSC 13.2	39121542

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Listed
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cUL Listed
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GL
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## Approvals

UL Recognized

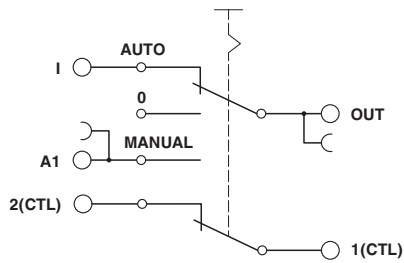
cUL Recognized

cULus Recognized

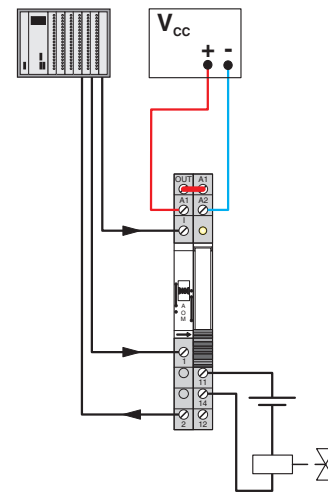
cULus Listed

## Drawings

Circuit diagram



Application drawing



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Application drawing

