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Especialistas en Automatización

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## Relay socket - PLC-BPT- 24UC/ 1/ACT - 2900450

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6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC


The figure shows a version with a screw connection

### Why buy this product

- PLC actuator series with solid-state power relays for coupling the controller and actuators, such as motors, contactors, valves, etc.



### Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 512381

### 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)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

#### Input data

Rated control circuit supply voltage $U_s$	24 V AC/DC
Voltage range with reference to $U_s$	0.8 ... 1.2
Rated control circuit supply voltage $U_s$	24 V AC/DC
Voltage range with reference to $U_s$	0.8 ... 1.2

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## Technical data

### Input data

Nominal input voltage $U_N$	24 V AC/DC
Protective circuit	Bridge rectifier

### Output data

Compatible components	Miniature relay, REL-MR-24DC/21, REL-MR-24DC/21AU; miniature optocoupler, OPT-24DC/24DC/2, OPT-24DC/48DC/100, OPT-24DC/230AC/1
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### Connection data, input side

Connection name	Input side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	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>
Conductor cross section AWG	26 ... 14

### Connection data, output side

Connection name	Output side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	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>
Conductor cross section AWG	26 ... 14

### General

Color	green
Operating mode	100% operating factor
Flammability rating according to UL 94	V0
Mounting position	any
Assembly instructions	In rows with zero spacing

### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 4.0	27371001
eCl@ss 4.1	27371001
eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603

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## Classifications

### eCl@ss

eCl@ss 8.0	27371603
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### ETIM

ETIM 4.0	EC001456
ETIM 5.0	EC001456

### UNSPSC

UNSPSC 6.01	30211917
UNSPSC 7.0901	39121516
UNSPSC 11	39121516
UNSPSC 12.01	39121516
UNSPSC 13.2	39121516

## Approvals

### Approvals

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### Approvals

GL / UL Recognized / cUL Recognized / EAC / cULus Recognized

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### Ex Approvals


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### Approvals submitted

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### Approval details

GL
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UL Recognized 
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cUL Recognized 
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EAC
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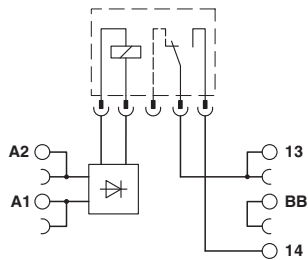
# Relay socket - PLC-BPT- 24UC/ 1/ACT - 2900450

## Approvals

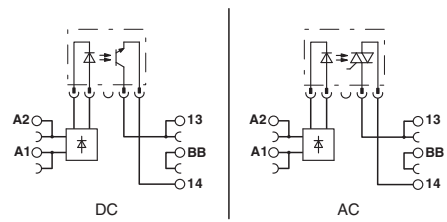
cULus Recognized US

## Drawings

Circuit diagram



Circuit diagram



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Product	Code	Reference	Product link
6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC	2900450	PLC-BPT-24UC/ 1/ACT	<a href="#">Buy on EAN</a>