

## Relay socket - PLC-BSC- 24DC/21-21 - 2967015

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14 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 2 PDTs, input voltage 24 V DC

Figure shows PLC-BSC-120UC/21-21/SO46 version



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| Minimum order quantity               | 10 pc   |
| GTIN                                 | <br>4 017918 156459 |
| Weight per Piece (excluding packing) | 64.0 g  |
| Country of origin                    | Germany   |

### Technical data

#### Note

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

#### Dimensions

|        |       |
|--------|-------|
| Width  | 14 mm |
| Height | 80 mm |
| Depth  | 94 mm |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

#### Input data

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## Technical data

### Input data

|                             |               |
|-----------------------------|---------------|
| Nominal input voltage $U_N$ | 24 V DC       |
| Status display              | LED           |
| Protective circuit          | Damping diode |

### Output data

|                       |   |
|-----------------------|---|
| Compatible components | Miniature relay, REL-MR-24DC/21-21AU, REL-MR-24DC/21-21 |
|-----------------------|---|

### Connection data, input side

|                                  |  |
|----------------------------------|--|
| Connection name                  | Input side                                   |
| Connection method                | Screw connection                             |
| Stripping length                 | 8 mm   |
| Screw thread                     | M3   |
| 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                | Screw connection                             |
| Stripping length                 | 8 mm   |
| Screw thread                     | M3   |
| 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 | 27371102 |
|------------|----------|

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27371102 |
| eCl@ss 5.0 | 27371603 |
| eCl@ss 5.1 | 27371603 |
| eCl@ss 6.0 | 27371603 |
| eCl@ss 7.0 | 27371603 |
| eCl@ss 8.0 | 27371603 |
| eCl@ss 9.0 | 27371603 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001456 |
| ETIM 3.0 | EC001456 |
| 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

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

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#### Ex Approvals

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#### Approvals submitted


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#### Approval details

## Relay socket - PLC-BSC- 24DC/21-21 - 2967015

### Approvals


UL Recognized 

cUL Recognized 

GL

EAC

EAC

cULus Recognized 

### Accessories

#### Required add-on products

Single relay - REL-MR- 24DC/21-21 - 2961192



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 24 V DC

Single relay - REL-MR- 24DC/21-21AU - 2961215



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 24 V DC

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### Accessories

Miniature solid-state relay - OPT-24DC/ 24DC/ 5 - 2982100



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 3 - 33 V DC/5 A

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Miniature solid-state relay - OPT-24DC/230AC/ 2 - 2982171



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/2 A

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