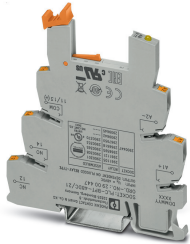


## Relay base - PLC-BPT- 48DC/21 - 2900447


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6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 48 V DC



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| Minimum order quantity               | 10 pc   |
| GTIN                                 | <br>4 046356 507615 |
| GTIN                                 | 4046356507615   |
| Weight per Piece (excluding packing) | 30.000 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Note

|                         |   |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area   |
| Type of note            | Notes on operation  |
| Note                    | Separating plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or FBST 500.... |

#### Dimensions

|        |        |
|--------|--------|
| Width  | 6.2 mm |
| Height | 80 mm  |
| Depth  | 94 mm  |

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## Technical data

### Ambient conditions

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

### Input data

|                             |  |
|-----------------------------|--|
| Nominal input voltage $U_N$ | 48 V DC                                  |
| Status display              | LED                                      |
| Protective circuit          | Damping diode, polarity protection diode |
|                             | Damping diode                            |

### General

|  |  |
|--|--|
| Protective circuit                     | Damping diode, polarity protection diode |
| Operating mode                         | 100% operating factor                    |
| Color                                  | gray                                     |
| Flammability rating according to UL 94 | V0 (Housing)                             |
| Mounting position                      | any                                      |

### Connection data

|                                  |  |
|----------------------------------|--|
| Connection name                  | Input side   |
| Connection method                | Push-in connection   |
| Stripping length                 | 10 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>                 |
|                                  | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Single ferrule) |
|                                  | 2x 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (TWIN ferrule)  |
| Conductor cross section AWG      | 26 ... 14  |

### Connection data 2

|                                  |  |
|----------------------------------|--|
| Connection name                  | Output side  |
| Connection method                | Push-in connection   |
| Stripping length                 | 10 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>                 |
|                                  | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (Single ferrule) |
|                                  | 2x 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup> (TWIN ferrule)  |
| Conductor cross section AWG      | 26 ... 14  |

### Standards and Regulations

|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CUL |
|----------------------------------|-----|

### Conformance/approvals

|             |                    |
|-------------|--------------------|
| Designation | Corrosive gas test |
|-------------|--------------------|

# Relay base - PLC-BPT- 48DC/21 - 2900447

## Technical data

### Conformance/approvals

|                |                            |
|----------------|----------------------------|
| Identification | ISA-S71.04. G3 Harsh Group |
|                | EN 60068-2-60              |

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27371603 |
| eCl@ss 11.0   | 27371603 |
| eCl@ss 4.0    | 27371000 |
| eCl@ss 4.1    | 27371000 |
| eCl@ss 5.0    | 27371600 |
| eCl@ss 5.1    | 27371600 |
| eCl@ss 6.0    | 27371600 |
| eCl@ss 7.0    | 27371603 |
| eCl@ss 9.0    | 27371603 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001456 |
| ETIM 3.0 | EC001456 |
| ETIM 4.0 | EC001456 |
| ETIM 6.0 | EC001456 |
| ETIM 7.0 | EC001456 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211917 |
| UNSPSC 7.0901 | 39121516 |
| UNSPSC 11     | 39121516 |
| UNSPSC 12.01  | 39121516 |
| UNSPSC 13.2   | 39122326 |
| UNSPSC 18.0   | 39122335 |
| UNSPSC 19.0   | 39122335 |
| UNSPSC 20.0   | 39122335 |
| UNSPSC 21.0   | 39122335 |

# Relay base - PLC-BPT- 48DC/21 - 2900447

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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### Approval details

|        |  |   |               |
|--------|--|---|---------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a> | TAE0000196-03 |
|--------|--|---|---------------|

|               |  |   |               |
|---------------|--|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|---------------|--|---|---------------|

|                |  |   |               |
|----------------|--|---|---------------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|----------------|--|---|---------------|

|     |  |  |                    |
|-----|--|--|--------------------|
| EAC |  |  | RU D-DE.B*00573/18 |
|-----|--|--|--------------------|

|                  |  |  |  |
|------------------|--|--|--|
| cULus Recognized |  |  |  |
|------------------|--|--|--|