

## Relay base - PLC-BSC- 48DC/21 - 2966090

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



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 STK                                                                                                  |
| GTIN         | <br>4 017918 162023 |
| GTIN         | 4017918162023                                                                                           |
| Sales Key    | 08                                                                                                      |

### Technical data

#### Note

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

#### Dimensions

|        |        |
|--------|--------|
| Width  | 6.2 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

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

#### Connection data, input side

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## Technical data

### 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

|                       |                                          |
|-----------------------|------------------------------------------|
| Protective circuit    | Damping diode, polarity protection diode |
| Color                 | green                                    |
| Operating mode        | 100% operating factor                    |
| 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  |

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

## Relay base - PLC-BSC- 48DC/21 - 2966090

### Approvals

#### Approval details

|                  |                                                                                     |                                                                                                                                                       |                          |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 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            |
| GL               |    | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>                                                                             | 46016-03 HH              |
| EAC              |    |                                                                                                                                                       | RU C-<br>DE.A*30.B.01082 |
| PRS              |  | <a href="http://www.prs.pl/">http://www.prs.pl/</a>                                                                                                   | TE/2109/880590/16        |
| cULus 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> |                          |

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