

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 changeover contact, input voltage 48 V DC



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 017918 162023 |
| GTIN | 4017918162023 |
| Weight per Piece (excluding packing) | 30.400 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 |
|-------------------------|---|

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 |

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Technical data

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 |
| Assembly instructions | In rows with zero spacing |

Connection data

| | |
|----------------------------------|---|
| Connection name | Input side |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section solid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 2.5 mm ² |
| | 0.2 mm ² ... 2.5 mm ² (Single ferrule) |
| | 2x 0.5 mm ² ... 1.5 mm ² (TWIN ferrule) |
| Conductor cross section AWG | 26 ... 14 |

Connection data 2

| | |
|----------------------------------|---|
| Connection name | Output side |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section solid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross section flexible | 0.14 mm ² ... 2.5 mm ² |
| | 0.2 mm ² ... 2.5 mm ² (Single ferrule) |
| | 2x 0.5 mm ² ... 1.5 mm ² (TWIN ferrule) |
| Conductor cross section AWG | 26 ... 14 |

Standards and Regulations

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

Conformance/approvals

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

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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 | 27371100 |
| eCl@ss 4.1 | 27371100 |
| 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

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|---------------|----------|
| 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 |

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Approvals


Approvals


Approvals


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

Ex Approvals

Approval details

| | | | |
|-----|---|---|-------------------|
| PRS |  | http://www.prs.pl/ | TE/2109/880590/16 |
|-----|---|---|-------------------|

| | | | |
|---------------|--|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|---------------|--|---|---------------|

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|----------------|---|---|---------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
|----------------|---|---|---------------|

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

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|--------|---|---|---------------|
| DNV GL |  | https://approvalfinder.dnvgl.com/ | TAE0000196-03 |
|--------|---|---|---------------|

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| cULus Recognized |  | | |
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