

PLC-BSP- 48DC/21 - Relay base



2967329

<https://www.phoenixcontact.com/us/products/2967329>

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

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2967329 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C461 |
| Product key | DK6221 |
| GTIN | 4017918165277 |
| Weight per piece (including packing) | 27.1 g |
| Weight per piece (excluding packing) | 25.26 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Notes

Utilization restriction

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

Product properties

| | |
|-----------------------|---|
| Product type | Relay socket |
| Product family | PLC-INTERFACE |
| Application | Universal |
| Set comprises | 2966498 PLC-RSP- 48DC/21 2966566 PLC-RSP- 48DC/21AU 2967743 PLC-OSP- 48DC/ 48DC/100 2967727 PLC-OSP- 48DC/ 24DC/ 2 2967905 PLC-OSP- 48DC/230AC/ 1 |
| Operating mode | 100% operating factor |
| Compatible components | Miniature relay, REL-MR-24DC/21AU, REL-MR-24DC/21; Miniature optocoupler, OPT-24DC/24DC/2, OPT-24DC/24DC/100, OPT-24DC/230AC/1 |

Electrical properties

| | |
|--------------------|--|
| Protective circuit | Damping diode, polarity protection diode |
|--------------------|--|

Input data

| | |
|-----------------------------|--------------------|
| Nominal input voltage U_N | 48 V DC |
| Protective circuit | Freewheeling diode |
| Nominal input voltage U_N | 48 V DC |

Output data

| | |
|-----------------------|---|
| Compatible components | Miniature relay, REL-MR-24DC/21AU, REL-MR-24DC/21; Miniature optocoupler, OPT-24DC/24DC/2, OPT-24DC/24DC/100, OPT-24DC/230AC/1 |
|-----------------------|---|

Connection data

Input side

| | |
|----------------------------------|--|
| Connection method | Spring-cage connection |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 26 ... 14 |

Output side

| | |
|-------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 8 mm |

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| | |
|----------------------------------|--|
| Conductor cross-section rigid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 26 ... 14 |

Signaling

| | |
|----------------|-----|
| Status display | LED |
|----------------|-----|

Dimensions

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

Material specifications

| | |
|--|------------------|
| Color | green (RAL 6021) |
| Flammability rating according to UL 94 (Housing) | V0 (Housing) |

Environmental and real-life conditions

Ambient conditions

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

Mounting

| | |
|-------------------|---------------------------|
| Mounting type | DIN rail mounting |
| Assembly note | in rows with zero spacing |
| Mounting position | any |

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Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|
|-------------------------------------|----------------------------|

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