

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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 changeover contacts, input voltage 24 V DC

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2967015 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | CK6 |
| Product key | CK6232 |
| GTIN | 4017918156459 |
| Weight per piece (including packing) | 63.43 g |
| Weight per piece (excluding packing) | 63.4 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

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 |
| Operating mode | 100% operating factor |
| Compatible components | Miniature relay, REL-MR-24DC/21-21AU, REL-MR-24DC/21-21 |

Data management status

| | |
|------------------|----|
| Article revision | 12 |
|------------------|----|

Insulation characteristics

| | |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

Input data

| | |
|-----------------------------|---|
| Nominal input voltage U_N | 24 V DC The nominal voltage of the plug-on electromechanical relay or solid-state relay (see necessary accessories) deviates from the nominal input voltage of the base with integrated upstream circuit |
| Protective circuit | Freewheeling diode |
| Nominal input voltage U_N | 24 V DC The nominal voltage of the plug-on electromechanical relay or solid-state relay (see necessary accessories) deviates from the nominal input voltage of the base with integrated upstream circuit |

Output data

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

Connection data

| | |
|----------------------------------|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section rigid | 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 |
| Tightening torque | 0.6 Nm ... 0.8 Nm |

Signaling

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

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

Dimensions

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

Material specifications

| | |
|--|-----------------|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 (Housing) |

Environmental and real-life conditions

Ambient conditions

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

Approvals

CE

| | |
|-------------|--------------|
| Certificate | CE-compliant |
|-------------|--------------|

UKCA

| | |
|-------------|----------------|
| Certificate | UKCA-compliant |
|-------------|----------------|

Shipbuilding approval

| | |
|-------------|------------|
| Certificate | TAE0000196 |
|-------------|------------|

Corrosive gas test

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

DNV GL data

| | |
|-------------|---|
| Temperature | D |
| Humidity | A |
| Vibration | B/C |
| EMC | B |
| Enclosure | Required protection according to the Rules shall be provided upon installation on board |

EMC data

| | |
|-------------------------------|--|
| Electromagnetic compatibility | Conformance with EMC directive |
| Low Voltage Directive | Conformance with Low Voltage Directive |

Mounting

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

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/2967015>



cUL Recognized
Approval ID: E238705



UL Recognized
Approval ID: E238705



EAC
Approval ID: RU D-DE.B*00573/18



DNV GL
Approval ID: TAE0000196

cULus Recognized

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27371603 |
| ECLASS-12.0 | 27371603 |
| ECLASS-13.0 | 27371603 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC001456 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39122300 |
|-------------|----------|

PLC-BSC- 24DC/21-21 - Relay base



2967015

<https://www.phoenixcontact.com/in/products/2967015>

Environmental product compliance

EU RoHS

| | |
|---|--------------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(a), 7(c)-I |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|---|
| REACH candidate substance (CAS No.) | Hexahydromethylphthalic anhydride(CAS: n/a) |
| | Lead(CAS: 7439-92-1) |
| SCIP | 98262157-42b2-4f5f-a3be-747dbb9162d2 |

EF3.0 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.646 kg CO2e |
|---------|---------------|

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in