

ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

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.



Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO₂+Au): small to large loads, 2 changeover contacts, input voltage 60 V DC, with LED display, pluggable into basic terminal blocks

The figure shows version ST-REL 4-HG 24/21-21

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2823418 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | C460 |
| Product key | DK61B2 |
| GTIN | 4017918077389 |
| Weight per piece (including packing) | 69.4 g |
| Weight per piece (excluding packing) | 65.48 g |
| Customs tariff number | 85364190 |
| Country of origin | DE |

ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

Technical data

Product properties

| | |
|-------------------------|-----------------------|
| Product type | Relay Module |
| Operating mode | 100% operating factor |
| Mechanical service life | approx. 10^7 cycles |

Data management status

| | |
|------------------------------|------------|
| Date of last data management | 01.04.2026 |
|------------------------------|------------|

Electrical properties

| | |
|--|--|
| Maximum power dissipation for nominal condition | 1.02 W |
| Test voltage (Winding/contact) | 2 kV AC (50 Hz, 1 min., winding/contact) |
| Test voltage (Changeover contact/changeover contact) | 2.5 kV AC (50 Hz, 1 min., changeover contact/changeover contact) |

Input data

Coil side

| | |
|--------------------------------|--|
| Nominal input voltage U_N | 60 V DC |
| Input voltage range | 54 V DC ... 66 V DC (20 °C) |
| Drive and function | monostable |
| Drive (polarity) | polarized |
| Typical input current at U_N | 17 mA |
| Typical response time | 15 ms (with DC) |
| Typical release time | 25 ms (with DC) |
| Protective circuit | Damping diode, polarity protection; Damping diode, polarity protection diode |
| Operating voltage display | yes |

Output data

Switching

| | |
|---------------------------------------|--|
| Contact switching type | 2 changeover contacts |
| Type of switch contact | Single contact |
| Contact material | AgSnO, hard gold-plated |
| Maximum switching voltage | 250 V AC/DC |
| Limiting continuous current | 6 A |
| Maximum inrush current | 6 A |
| Interrupting rating (ohmic load) max. | 120 W (at 24 V DC) 180 W (at 48 V DC) 105 W (at 60 V DC) 60 W (at 110 V DC) 90 W (at 220 V DC) 1250 VA (for 250 V AC) |

ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 27 mm |
| Height | 33 mm |
| Depth | 66.5 mm |

Material specifications

| | |
|-------|-------------|
| Color | transparent |
|-------|-------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Standards and regulations

| | |
|-----------------------|-----------------------------------|
| Standards/regulations | DIN VDE 0110b, Gr. C for 250 V DC |
| | DIN VDE 0160 (in relevant parts) |

Mounting

| | |
|---------------|------------------|
| Mounting type | Plug-in mounting |
|---------------|------------------|

ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

Drawings

Circuit diagram



ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27371601 |
| ECLASS-15.0 | 27371601 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001437 |
|-----------|----------|

UNSPSC

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

ST-REL4-HG 60/21-21 - Relay connectors



2823418

<https://www.phoenixcontact.com/us/products/2823418>

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 | 7d2465e7-7c6e-4a71-9f6c-2e6ae486c510 |

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 5.611 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com