

# 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 (AgSnO<sub>2</sub>+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>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2823418>



**EAC**

Approval ID: RU\*C-DE.\*08.B.00010

# 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](mailto:info@phoenixcon.com)