ST-REL4-HG220/21-21 - Relay connectors

2823434

https://www.phoenixcontact.com/us/products/2823434

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 ($AgSnO_2$+Au): small to large loads, 2 changeover contacts, input voltage 220 V DC, with LED display, pluggable into basic terminal blocks

Commercial data

Item number	2823434
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C460
Product key	DK61B2
GTIN	4017918077402
Weight per piece (including packing)	67.59 g
Weight per piece (excluding packing)	69.2 g
Customs tariff number	85364900
Country of origin	DE

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	12.09.2025

Electrical properties

Maximum power dissipation for nominal condition	1.43 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	220 V DC
Input voltage range	198 V DC ... 242 V DC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U_N	6.5 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-HG220/21-21 - Relay connectors

2823434

https://www.phoenixcontact.com/us/products/2823434

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

Drawings

Circuit diagram
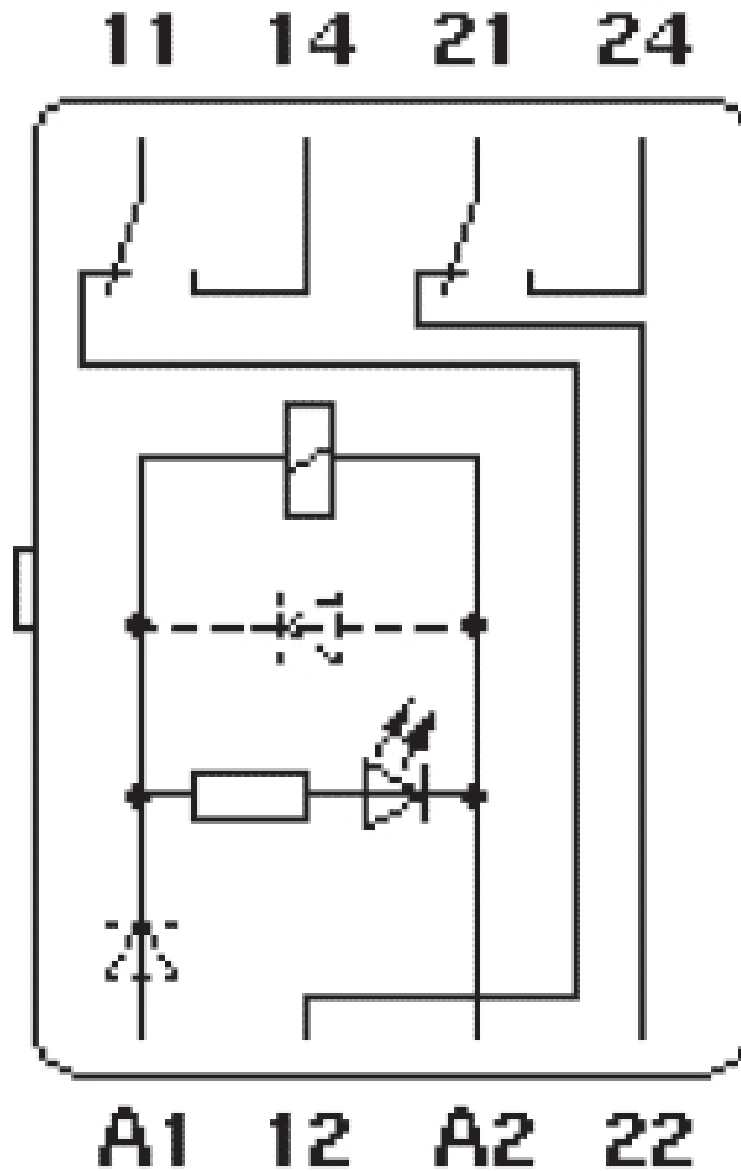
2823434

https://www.phoenixcontact.com/us/products/2823434

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2823434

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

Classifications

ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

ETIM

ETIM 9.0	EC001437

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

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

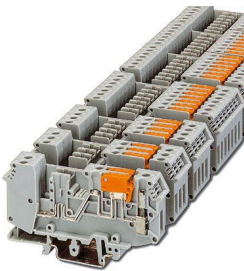|	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2e464c08-e5bd-4088-ac40-5d16d5968d9a

ST-REL4-HG220/21-21 - Relay connectors

2823434

https://www.phoenixcontact.com/us/products/2823434

Accessories

URELG 4-PMTK - Basic terminal block

2820712

https://www.phoenixcontact.com/us/products/2820712

Basic terminal blocks with test pick-off on both sides and knife disconnection for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV..., and ST-OE... plugs, 4-pos.

UDK-RELG 4 - Basic terminal block

2777056

https://www.phoenixcontact.com/us/products/2777056

Basic terminal blocks with test pick-off on both sides and double connections with the same potential for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV..., and ST-OE... plugs, 4-pos.

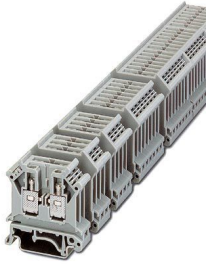# ST-REL4-HG220/21-21 - Relay connectors

2823434

https://www.phoenixcontact.com/us/products/2823434

URELG 4 - Basic terminal block

2820149

https://www.phoenixcontact.com/us/products/2820149

Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 4-pos.

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