

ST-REL4-HG 24/21-21 - Relay connectors



2823405

<https://www.phoenixcontact.com/us/products/2823405>

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Relay connector, equipped with Hengstler miniature round relay, contacts (AgSnO₂+Au): small to large loads, 2 changeover contacts, input voltage 24 V DC, with LED display, pluggable into basic terminal blocks

Commercial data

Item number	2823405
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C460
Product key	DK61B2
GTIN	4017918077372
Weight per piece (including packing)	68.66 g
Weight per piece (excluding packing)	70.46 g
Customs tariff number	85364190
Country of origin	DE

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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
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Electrical properties

Maximum power dissipation for nominal condition	0.5 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	24 V DC
Input voltage range	19.2 V DC ... 26.4 V DC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at U_N	21 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)

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Dimensions

Item dimensions

Width	27 mm
Height	33 mm
Depth	66.5 mm

Material specifications

Color	transparent
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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
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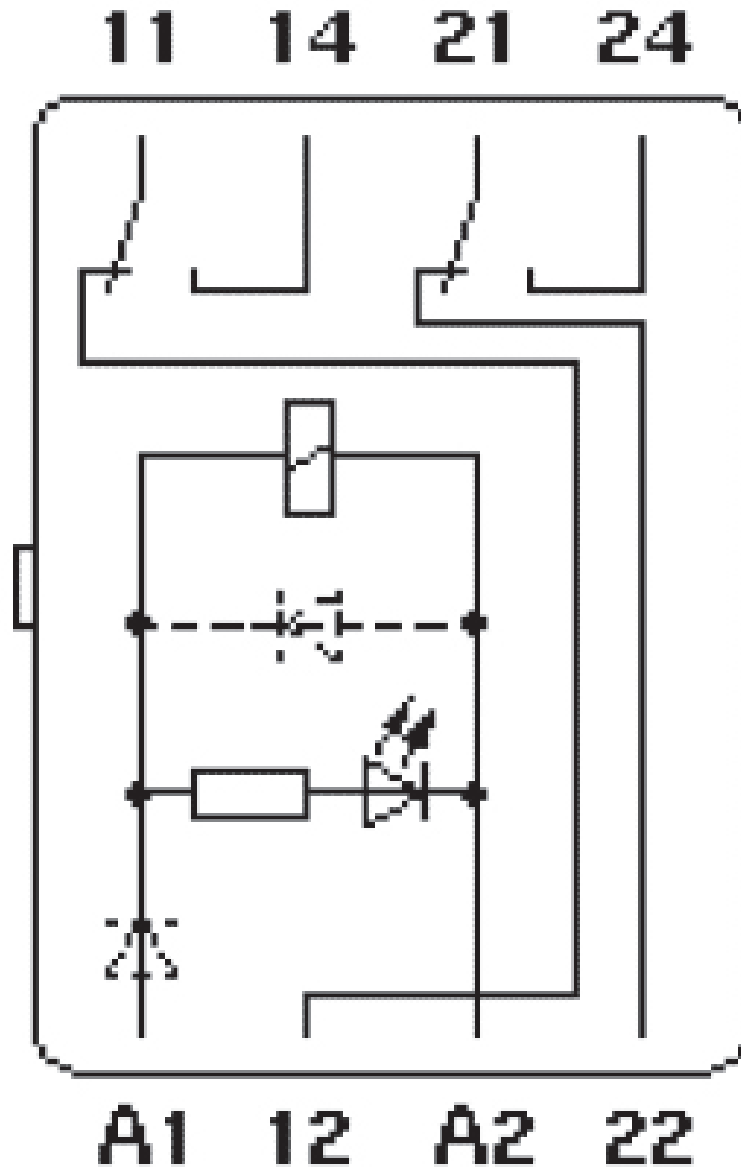


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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2823405>



EAC

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

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Classifications

ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

ETIM

ETIM 10.0	EC001437
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UNSPSC

UNSPSC 21.0	39122300
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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	af4c8f08-b33f-456b-968d-7d828a46e7c8

EF3.1 Climate Change

CO2e kg	6.535 kg CO2e
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