

# ST-REL4-HG 48/21-21


Order No.: 2823489

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2823489>

Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 2 PDT, input voltage 48 V DC, with light indicator, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 077440
Note	Made-to-order
sales group	G015
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 84 (IF-2002)

#### Product notes

WEEE/RoHS-compliant since:  
06/29/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Coil side

Nominal input voltage $U_N$	48 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Nominal input current at $U_{IN}$	16 mA
Typical response time	15 ms (with DC)
Typical release time	25 ms (with DC)
Operating voltage display	Yes
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode

### Contact side

Contact type	Single contact, 2-PDT
Contact material	Silver cadmium oxide (AgCdO), 10 µm hard gold-plated
Maximum switching voltage	250 V AC/DC
Maximum inrush current	6 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	180 W (for 48 V DC)
	105 W (for 60 V DC)
	60 W (for 110 V DC)
	90 W (for 220 V DC)
	1250 VA (for 250 V AC)

### General data

Width	27 mm
Height	33 mm
Depth	66.5 mm
Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	2.5 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Mechanical service life	Approx. $10^7$ cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

### Certificates / Approvals



Certification

GOST

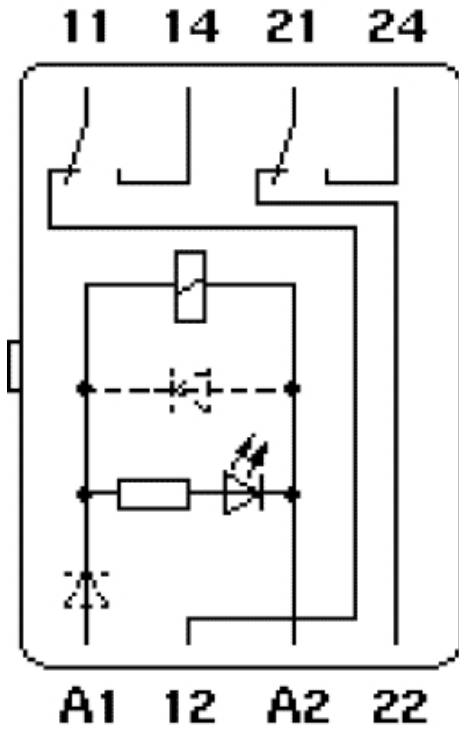
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### Additional products

Item	Designation	Description
<b>General</b>		
2777056	UDK-RELG 4	Basic termination blocks with test connection 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.
2820149	URELG 4	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.
2820712	URELG 4-PMTK	Basic termination blocks with test connection 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.
2829920	ZFK-RELG 4	Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 4-pos.

Diagrams/Drawings

Circuit diagram



**Address**

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