

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)	4017918077440
Note	Made-to-order
sales group	G015
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.07226 KG
Catalog page information	Page 84 (IF-2002)

Product notes

WEEE/RoHS-compliant since:
01/25/2007



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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
Name of protection	Damping diode, polarity protection
Protective circuit/component	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 (for 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	66.5 mm
Depth	33 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
Service life mechanical	Approx. 10^7 cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

Certificates / Approvals



Certification

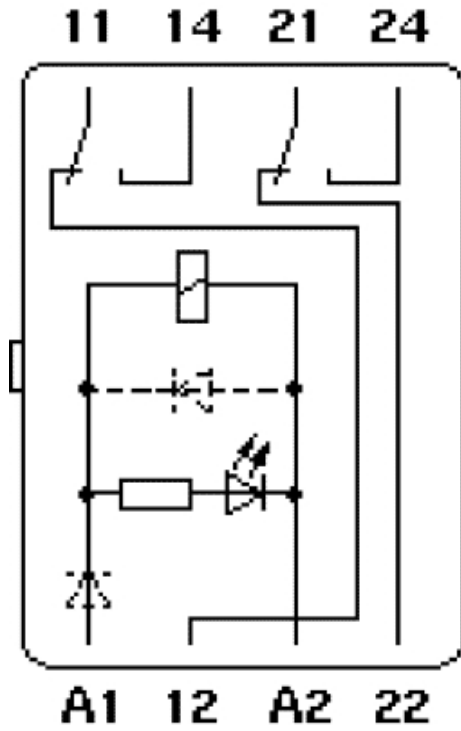
GOST

Additional products

Item	Designation	Description
General		
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



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