

ST-REL7-HG 48/4X21

Order No.: 2892740

The illustration shows version ST-REL 7-HG 24/4X21



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2892740>

Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 4 PDT, input voltage 48 V DC, with light indicator, can be plugged on basic termination blocks

Commercial data

GTIN (EAN)	 4 017918 078751
sales group	G015
Pack	5 pcs.
Customs tariff	85364190
Catalog page information	Page 87 (IF-2002)

Product notes

WEEE/RoHS-compliant since:
10/19/2006



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Technical data

Coil side

Nominal input voltage U_N	48 V DC
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Input voltage range in reference to U_N	0.8 ... 1.1
Nominal input current at U_{IN}	20 mA
Typical response time	15 ms (with DC)
Typical release time	15 ms (with DC)
Operating voltage display	Yes
Type of protection	Damping diode, polarity protection
Protective circuit/component	Damping diode, polarity protection diode

Contact side

Contact type	Single contact, 4-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	45.6 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 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	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	DIN VDE 0109-11, draft
	DIN VDE 0160 (in relevant parts)

Pollution degree	2
Surge voltage category	II

Certificates / Approvals



Certification

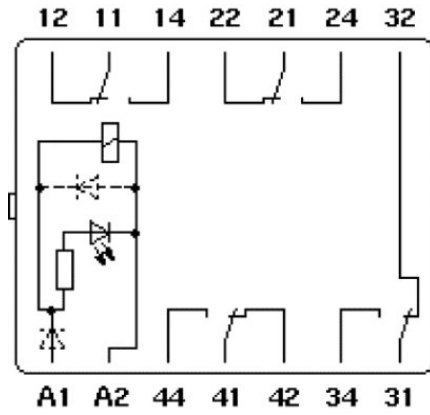
GOST

Additional products

Item	Designation	Description
General		
2777069	UDK-RELG 7	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, 7-pos.
2820178	URELG 7	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, 7-pos.
2820725	URELG 7-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, 7-pos.
2829933	ZFK-RELG 7	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, 7-pos.

Diagrams/Drawings

Circuit diagram



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