

ST-REL2-KG 48/1AU

Order No.: 2823735

The illustration shows version ST-REL 2-KG 24/1 AU

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2823735>

Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 48 V AC/DC, with light indicator, can be plugged on basic termination blocks

Commercial data

GTIN (EAN)	 4 017918 077556
Note	Made-to-order
sales group	G010
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 87 (IF-2005)

Product notes

WEEE/RoHS-compliant since:
09/05/2006



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Technical data

Coil side

Nominal input voltage U_N	48 V AC/DC
Input voltage range in reference to U_N	0.9 ... 1.1
Nominal input current at U_{IN}	8.5 mA
Typical response time	10 ms (with DC)
Typical release time	10 ms (with DC)
Operating voltage display	Yes
Protective circuit	Bridge rectifier, varistor

Contact side

Contact type	Double contact, 1 N/O contact
Contact material	Silver palladium (AgPd60), 5 µm hard gold-plated
Maximum switching voltage	30 V AC
	36 V DC
Maximum inrush current	0.2 A
Limiting continuous current	0.5 A
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	125 V AC
Limiting continuous current	2 A
Maximum inrush current	2 A
Interrupting rating (ohmic load) max.	29 W (at 24 V DC)
	29 W (for 48 V DC)
	29 W (for 60 V DC)
	60 VA (for 250 V AC)

General data

Width	14.6 mm
Height	33 mm
Depth	66.5 mm
Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor

Mechanical service life	Approx. 2×10^7 cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631
	DIN VDE 0160 (in relevant parts)

Certificates / Approvals



Certification

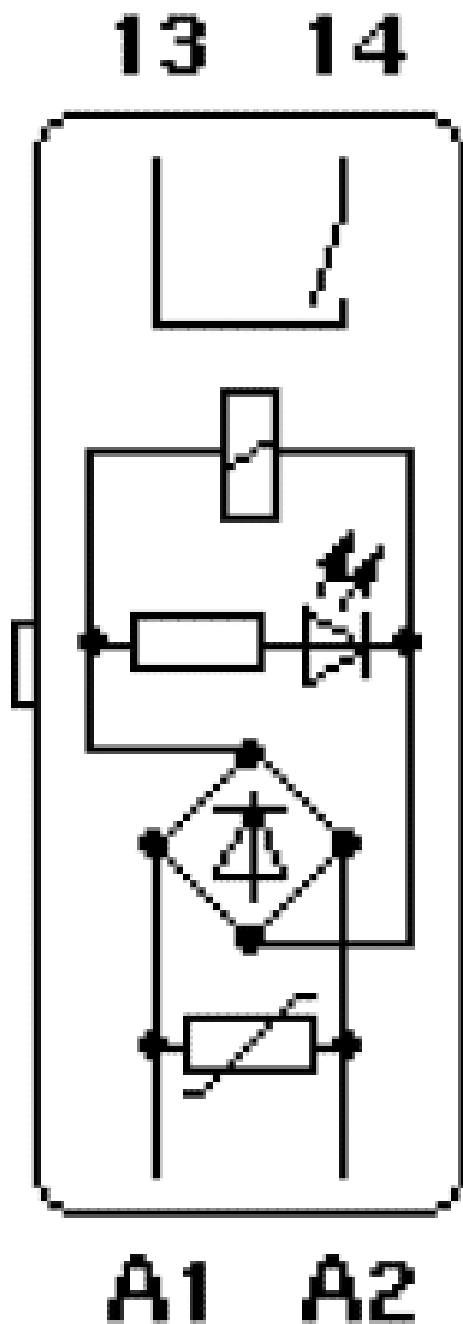
GOST

Additional products

Item	Designation	Description
General		
2777030	UDK-RELG 2	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, 2-pos.
2820262	URELG 2	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, 2-pos.
2820835	URELG 2-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, 2-pos.
2829904	ZFK-RELG 2	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, 2-pos.

Diagrams/Drawings

Circuit diagram



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