

ST-REL2-KG220DC/1AU

Order No.: 2826473

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2826473>

Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 220 V DC, with light indicator, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	4017918077945
Note	Made-to-order
sales group	G010
Pack	10 pcs.
Customs tariff	85364900
Weight/Piece	0.03517 KG
Catalog page information	Page 87 (IF-2005)

Product notes

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



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Technical data

Coil side

Nominal input voltage U_N	220 V DC
Input voltage range in reference to U_N	0.8 ... 1.06
Nominal input current at U_{IN}	4.5 mA
Typical response time	6 ms (with DC)
Typical release time	11 ms (with DC)
Operating voltage display	Yes
Name of protection	Bridge rectifier
Protective circuit/component	Bridge rectifier

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 (for 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 (for 24 V DC) 29 W (for 48 V DC) 29 W (for 60 V DC)

General data

Width	14.6 mm
Height	66.5 mm
Depth	33 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

Service life mechanical	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

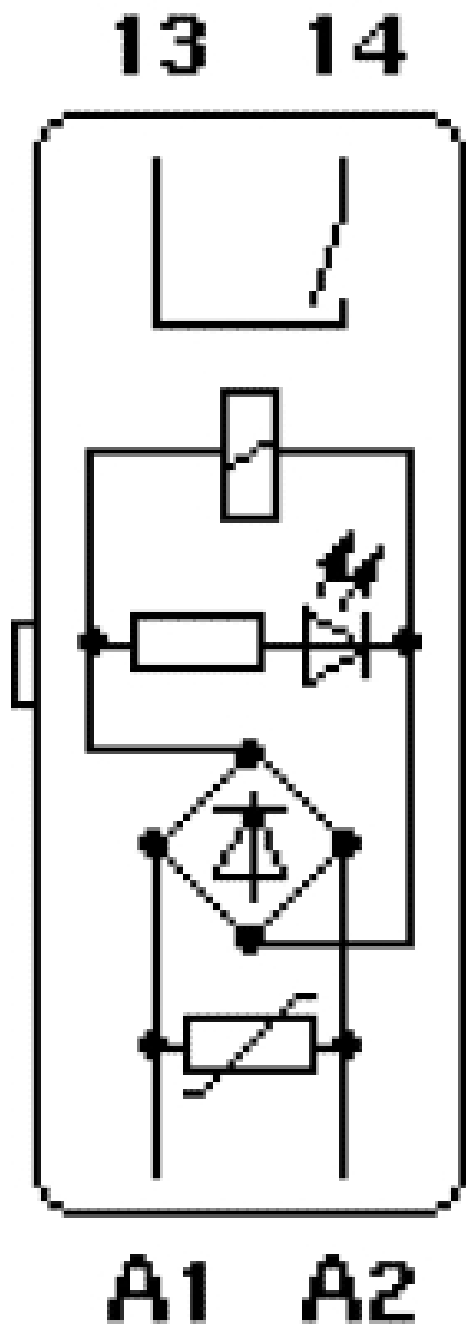
GOST

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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