

ST-REL3-KG 24/21

Order No.: 2861014

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861014>

Relay connector, equipped with miniature switching relay, contacts (AgCdO): medium to large loads, 1 PDT, input voltage 24 V AC/DC, with light indicator, can be plugged on basic termination blocks

Commercial data

EAN	4017918078676
Pack	10 Pcs.
Customs tariff	85364190
Weight/Piece	0.04053 KG
Catalog page information	Page 88 (IF-2005)

Product notes

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



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Technical data

Coil side

Nominal input voltage U_N	24 V AC/DC
Input voltage range in reference to U_N	0.8 ... 1.1
Nominal input current at U_N	21 mA
Typical response time	7 ms
Typical release time	11 ms (with DC)
Operating voltage display	Yes
Protective circuit/component	Bridge rectifier, varistor

Contact side

Contact type	Single contact, 1-PDT
Contact material	Silver cadmium oxide (AgCdO)
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	95 W (for 24 V DC)
	50 W (for 48 V DC)
	45 W (for 60 V DC)
	35 W (for 110 V DC)
	55 W (for 220 V DC)
	1500 VA (for 250 V AC)

General data

Length	33 mm
Height	66.5 mm
Width	20.8 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

Approval logo



requested approbations

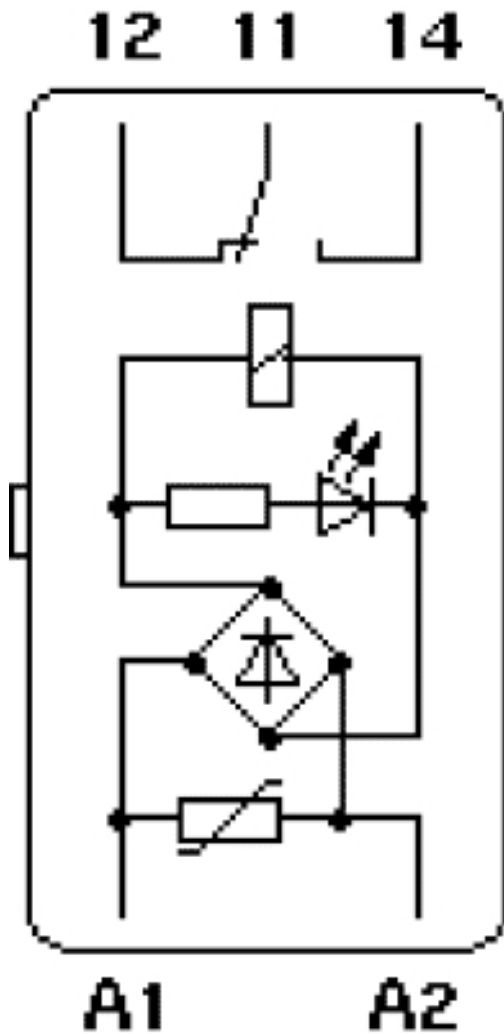
Certification	GOST
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Additional products

Item	Designation	Description
General		
2777043	UDK-RELG 3	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, 3-pos.
2820136	URELG 3	Basic termination blocks with screw connection for NS 32 and NS 35/7.5 mounting rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2820709	URELG 3-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, 3-pos.
2829917	ZFK-RELG 3	Basic termination blocks with spring-cage connection for NS 35/7.5 mounting rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

Drawings

Circuit diagram



Address

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