

# ST-REL3-KG230/21/AU


Order No.: 2826172

The illustration shows version ST-REL3-KG 24/21 AU



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2826172>

Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 PDT, input voltage 230 V AC, with light indicator, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 077853
Note	Made-to-order
sales group	G010
Pack	10 pcs.
Customs tariff	85364900
Catalog page information	Page 88 (IF-2005)

#### Product notes

WEEE/RoHS-compliant since:  
01/02/2006



<http://www.download.phoenixcontact.com>  
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## Technical data

### Coil side

Nominal input voltage $U_N$	230 V AC/DC
Input voltage range in reference to $U_N$	0.8 ... 1.06
Nominal input current at $U_{IN}$	5 mA
Typical response time	6 ms
Typical release time	7 ms (with DC)
Operating voltage display	Yes
Protective circuit	Bridge rectifier Bridge rectifier Surge protection Varistor

### Contact side

Contact type	Double contact, 1 PDT
Contact material	Gold (Au)
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	<b>the following values are applicable if a gold layer is destroyed</b>
Maximum switching voltage	125 V AC
Limiting continuous current	2 A
Maximum inrush current	2 A

### General data

Width	20.8 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. $2 \times 10^7$ 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**



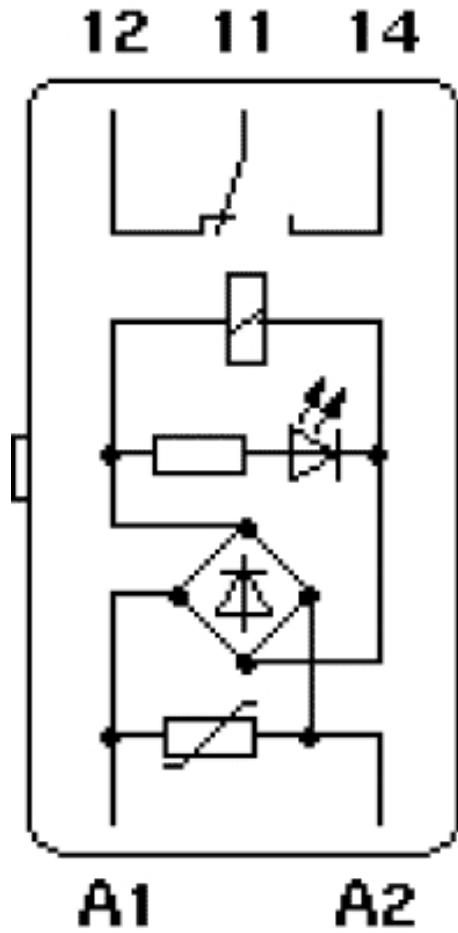
Certification GOST

**Additional products**

Item	Designation	Description
<b>General</b>		
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 DIN 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 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

Diagrams/Drawings

Circuit diagram



**Address**

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