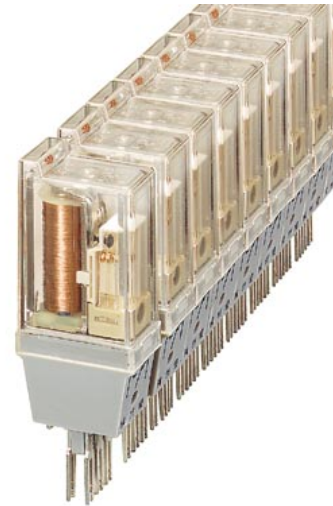



## ST-REL3-HG 24/21

Order No.: 2821012



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2821012>

Relay connector, equipped with Hengstler miniature round relay, contacts (AgCdO+Au): small to large loads, 1 PDT, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 076931
sales group	G012
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 81 (IF-2002)

### Product notes

WEEE/RoHS-compliant since:  
09/27/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Coil side

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Nominal input current at $U_N$	21 mA
Typical response time	15 ms
Typical release time	25 ms
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, 1-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)
	1500 VA (for 250 V AC)

#### General data

Width	20.8 mm
Height	33 mm
Depth	66.5 mm
Test voltage relay winding/relay contact	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	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)
	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

### Certificates / Approvals



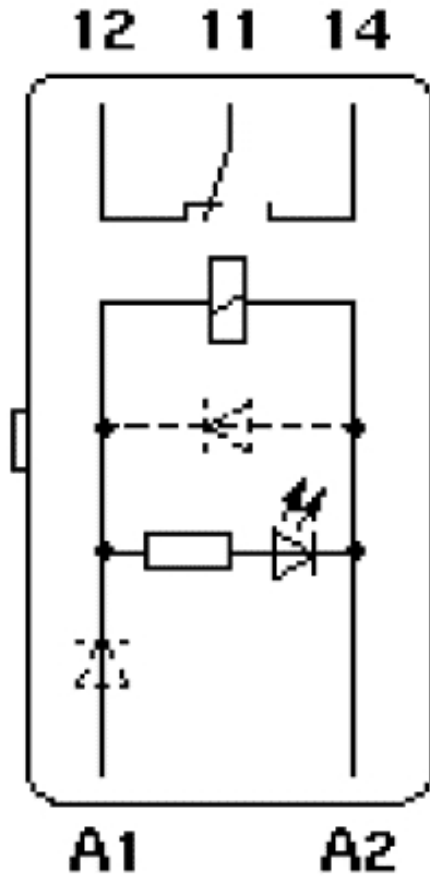
Certification GOST

### 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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