

## ST-REL2-KG120/1

Order No.: 2823654

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2823654>

Relay connector, equipped with miniature switching relay, contacts (AgCdO): medium to large loads, 1 N/O contact input voltage 120 V AC/DC, with light indicator, can be plugged on basic termination blocks

### Commercial data

EAN	4017918077495
Pack	10 Pcs.
Customs tariff	85364900
Weight/Piece	0.03354 KG
Catalog page information	Page 87 (IF-2005)

### Product notes

WEEE/RoHS-compliant since:  
06/14/2006



<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 $U_N$	120 V AC/DC
Input voltage range in reference to $U_N$	0.8 ... 1.06
Nominal input current at $U_N$	5 mA
Typical response time	7 ms (with DC)
Typical release time	11 ms (with DC)
Operating voltage display	Yes
Protective circuit/component	Bridge rectifier, varistor

##### Contact side

Contact type	Single contact, 1 N/O contact
Contact material	AgNi
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)
	45 W (for 110 V DC)
	75 W (for 220 V DC)
	1500 VA (for 250 V AC)

##### General data

Length	33 mm
Height	66.5 mm
Width	14.6 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. $2 \times 10^7$ 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

#### Approval logo



#### requested approbations

Certification	GOST
---------------	------

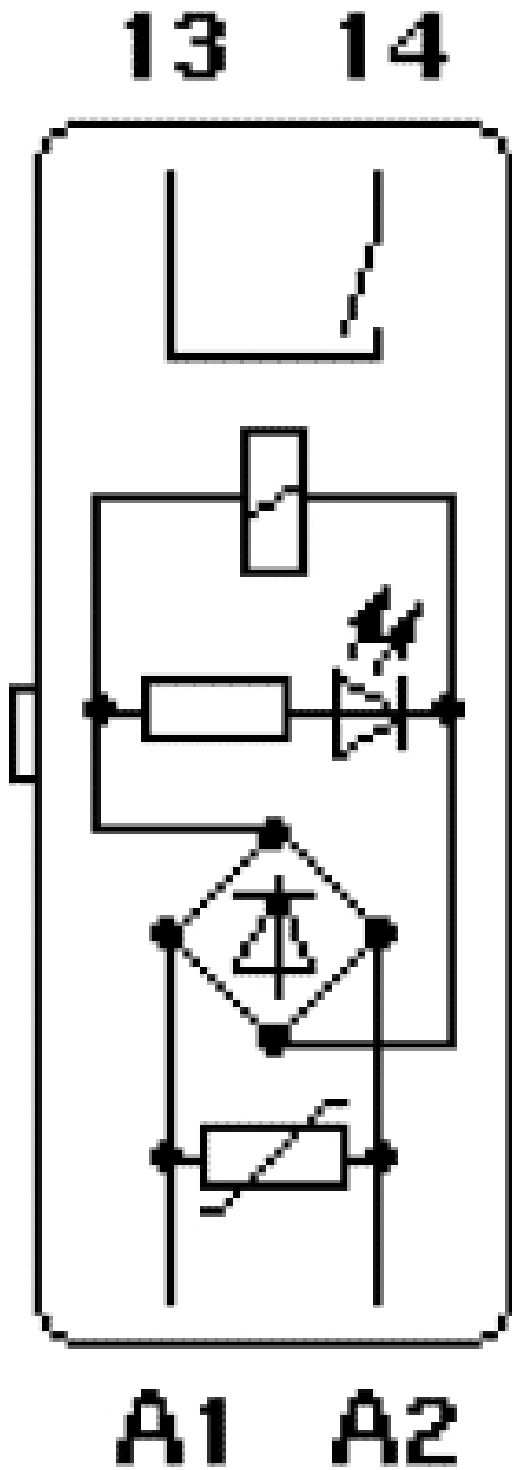
#### Additional products

Item	Designation	Description
<b>General</b>		
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.
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 mounting 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 mounting 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.
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 mounting 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 mounting rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 2-pos.
---------	------------	--

## Drawings

### Circuit diagram



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2008 Phoenix Contact  
Technical modifications reserved;