

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



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

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



#### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	35.17 GRM
Custom tariff number	85364900
Country of origin	Germany

#### Technical data

#### **Dimensions**

Width	14.6 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C 50 °C
Ambient temperature (storage/transport)	-20 °C 70 °C

#### Coil side

Nominal input voltage U <sub>N</sub>	220 V DC
Input voltage range in reference to U <sub>N</sub>	0.8 1.06
Typical input current at U <sub>N</sub>	4.5 mA
Typical response time	6 ms (with DC)
Typical release time	11 ms (with DC)
Operating voltage display	Yes



## Technical data

#### Coil side

Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor

#### Contact side

Contact type	Double contact, 1 N/O contact
Contact material	AgPd60, 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 (at 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 (at 24 V DC)
	29 W (at 48 V DC)
	29 W (at 60 V DC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 2 x 10 <sup>7</sup> 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)

#### Classifications

### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001



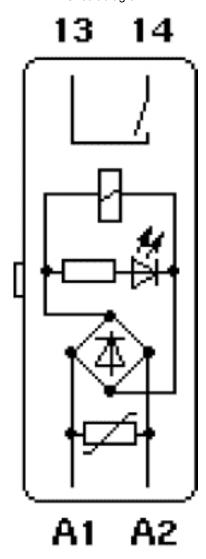
GOST 🕑

Classifications	
eCl@ss	
eCl@ss 8.0	27371001
ETIM	·
ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196
UNSPSC	
UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515
Approvals	
Approvals	
GOST / GOST	
Ex Approvals	
Approvals submitted	
Approval details	
GOST C	



## Drawings





Phoenix Contact 2014 © - all rights reserved http://www.phoenixcontact.com