

# Relay connectors - ST-REL2-KG230AC/1AU - 2826486

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 230 V AC, with light indicator, can be plugged on basic termination blocks

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



## Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077952
GTIN	4017918077952

## 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 $U_N$	230 V AC
Input voltage range in reference to $U_N$	0.8 ... 1.06
Mains frequency	50/60 Hz
Typical input current at $U_N$	5 mA
Typical response time	4 ms ... 10 ms (with AC)
Typical release time range	4 ms ... 10 ms (with AC)
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor

# Relay connectors - ST-REL2-KG230AC/1AU - 2826486

## Technical data

### Coil side

Operating voltage display	yes
Power dissipation for nominal condition	1.15 W

### Contact side

Contact type	Double contact, 1 N/O contact
Type of switch contact	Double 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)

### General

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

### Standards and Regulations

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)

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

## Relay connectors - ST-REL2-KG230AC/1AU - 2826486

### Approvals

EAC



RU C-  
DE.A\*30.B.01082

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>