

# ST-REL2-KG230AC/1 - Relay connectors

2826525

<https://www.phoenixcontact.com/us/products/2826525>



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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 230 V AC input voltage, with light indicator, can be plugged into basic terminal blocks

## Commercial data

Item number	2826525
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C460
Product key	DK61B2
GTIN	4017918077990
Weight per piece (including packing)	36.88 g
Weight per piece (excluding packing)	35.05 g
Customs tariff number	85364900
Country of origin	DE

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## Technical data

### Product properties

Product type	Relay Module
Operating mode	100% operating factor
Mechanical service life	approx. $2 \times 10^7$ cycles

Data management status	
Date of last data management	03.07.2025

### Electrical properties

Maximum power dissipation for nominal condition	1.15 W
Test voltage (Winding/contact)	2.5 kV AC (50 Hz, 1 min., winding/contact)

### Input data

Coil side	
Nominal input voltage $U_N$	230 V AC
Input voltage range	184 V AC ... 243.8 V AC (20 °C)
Mains frequency	50/60 Hz
Drive and function	monostable
Drive (polarity)	polarized
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, varistor
Operating voltage display	yes

### Output data

Switching	
Contact switching type	1 N/O contact
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Limiting continuous current	6 A
Maximum inrush current	8 A
Interrupting rating (ohmic load) max.	95 W (at 24 V DC) 50 W (at 48 V DC) 45 W (at 60 V DC) 45 W (at 110 V DC) 75 W (at 220 V DC) 1500 VA (for 250 V AC)

### Dimensions

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Width	14.6 mm
Height	33 mm
Depth	66.5 mm

## Material specifications

Color	green (RAL 6021)
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## Environmental and real-life conditions

### Ambient conditions

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

## 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/VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631
	DIN VDE 0160 (in relevant parts)

## Mounting

Mounting type	Plug-in mounting
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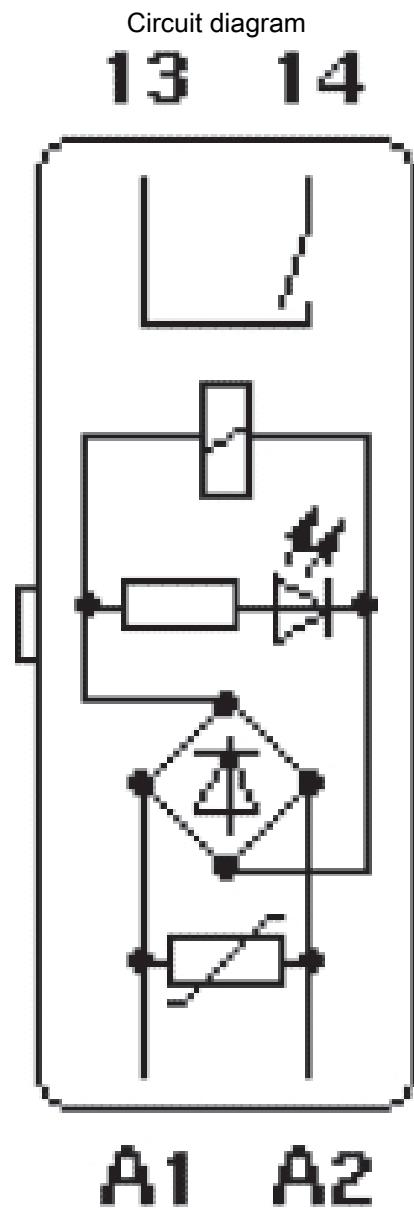
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## Drawings



# ST-REL2-KG230AC/1 - Relay connectors

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2826525>



**EAC**

Approval ID: RU\*C-DE.\*08.B.00010

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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 9.0	EC001437
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Hexahydromethylphthalic anhydride(CAS: n/a)
	Lead(CAS: n/a)
SCIP	ed81d3a3-19e4-4120-a44e-b3b6b7d6455f

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