

# ST-REL3-KG230/21/AU/SO46 - Relay connectors



2826266  
<https://www.phoenixcontact.com/us/products/2826266>

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Plug-in relay interface for protection against interference on the control side, with soldered-in miniature switching relay, contacts (Au): small loads, 1 changeover contact, input voltage 230 V AC

## Your advantages

- Use of AC output cards, resulting in residual AC currents
- Resistant to interference currents
- Applications with long control lines
- High relay release voltage

## Commercial data

Item number	2826266
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	C460
Product key	DK61B2
GTIN	4017918077877
Weight per piece (including packing)	41.52 g
Weight per piece (excluding packing)	41.52 g
Customs tariff number	85364900
Country of origin	DE

## Technical data

### Product properties

Product type	Relay Module
Mechanical service life	approx. $2 \times 10^7$ cycles

### Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

### Data management status

Date of last data management	12.09.2025
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### Electrical properties

Maximum power dissipation for nominal condition	4.14 W
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### Input data

#### Coil side

Nominal input voltage $U_N$	230 V AC
Input voltage range	207 V AC ... 253 V AC (20 °C)
Drive and function	monostable
Drive (polarity)	polarized
Typical input current at $U_N$	18 mA
Typical response time	10 ms
Typical release time	8 ms
Protective circuit	Bridge rectifier; Bridge rectifier Surge protection; Varistor
Operating voltage display	yes

### Output data

#### Switching

Contact switching type	1 changeover contact
Type of switch contact	Double contact
Contact material	AgPd60, hard gold-plated
Maximum switching voltage	30 V AC 36 V DC
Limiting continuous current	0.5 A
Maximum inrush current	0.2 A
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)

### Dimensions

Width	20.8 mm
Height	42.5 mm

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Depth	112 mm
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## 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	IEC 60664
	EN 50178

## Mounting

Mounting type	Plug-in mounting
Mounting position	any

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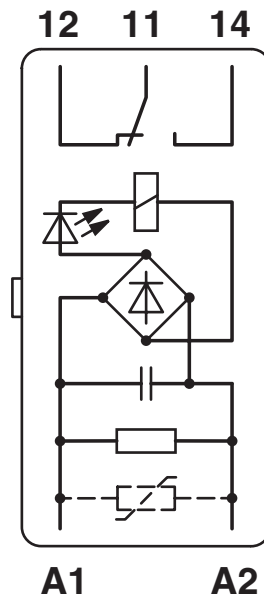


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## Drawings

Circuit diagram



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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2826266>



**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), 7(c)-I

## 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: 7439-92-1)
SCIP	6be65048-c6ed-4cdc-a59f-8931fd59d4b7