

# ST-REL4-KG230/21-21/SO46 - Relay connectors



2826871

<https://www.phoenixcontact.com/us/products/2826871>

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 documentation. Our general terms of use for downloads are valid.



Plug-in relay interface for protection against interference on the control side, with soldered-in miniature switching relay, contacts (AgNi): medium to large loads, 2 changeover contacts, input voltage 230 V AC

## Commercial data

Item number	2826871
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	DK61B2
GTIN	4017918078027
Weight per piece (including packing)	51.43 g
Weight per piece (excluding packing)	51 g
Country of origin	DE

# ST-REL4-KG230/21-21/SO46 - Relay connectors



2826871

<https://www.phoenixcontact.com/us/products/2826871>

## Technical data

### Product properties

Product type	Relay Module
Mechanical service life	> 10 <sup>7</sup> cycles

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Data management status

Date of last data management	12.09.2025
------------------------------	------------

### Electrical properties

Maximum power dissipation for nominal condition	3.45 W
Test voltage (Winding/contact)	1.2 kV AC (50 Hz, 1 min., winding/contact)

### Input data

#### Coil side

Nominal input voltage U <sub>N</sub>	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 <sub>N</sub>	approx. 15 mA
Typical response time	approx. 12 ms
Typical release time	approx. 18 ms
Protective circuit	Bridge rectifier; Bridge rectifier Surge protection; Varistor
Operating voltage display	Yellow LED
Coil resistance	26590 Ω ±15 %

### Output data

#### Switching

Contact switching type	2 changeover contacts
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	230 V AC 250 V DC
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC) 60 W (at 60 V DC) 40 W (at 110 V DC) 60 W (at 220 V DC)

# ST-REL4-KG230/21-21/SO46 - Relay connectors



2826871

<https://www.phoenixcontact.com/us/products/2826871>

	1250 VA (for 250 V AC)
--	------------------------

## Material specifications

Color	green (RAL 6021)
-------	------------------

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 40 °C
---------------------------------	------------------

## Standards and regulations

Standards/regulations	VDE 0110
-----------------------	----------

## Mounting

Mounting type	Plug-in mounting
---------------	------------------

Mounting position	horizontal
-------------------	------------

# ST-REL4-KG230/21-21/SO46 - Relay connectors



2826871

<https://www.phoenixcontact.com/us/products/2826871>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2826871>



**EAC**

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

# ST-REL4-KG230/21-21/SO46 - Relay connectors



2826871

<https://www.phoenixcontact.com/us/products/2826871>

## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 10.0	EC001437
-----------	----------

### UNSPSC

UNSPSC 21.0	39122300
-------------	----------

2826871

<https://www.phoenixcontact.com/us/products/2826871>

## 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)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)
SCIP	cde34f4e-f73c-44a0-a400-46cdea010dc3

### EF3.1 Climate Change

CO2e kg	1.259 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
 586 Fulling Mill Road  
 Middletown, PA 17057, United States  
 (+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)