

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



2826871

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

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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

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## 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
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### 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)

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	1250 VA (for 250 V AC)
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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 ... 40 °C
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## Standards and regulations

Standards/regulations	VDE 0110
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## Mounting

Mounting type	Plug-in mounting
Mounting position	horizontal

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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 10.0	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)
	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
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