

## Relay connectors - ST-REL3-KG230/21/AU/SO46 - 2826266

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Pluggable relay interfaces against interference on the control side, with soldered-in miniature switching relays, contacts (Au): small loads, 1 PDT, input voltage 230 V AC

### Why buy this product

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

### Key Commercial Data

Packing unit	1 STK
Custom tariff number	85364900
Country of origin	Germany

### Technical data

#### Dimensions

Width	20.8 mm
Height	42.5 mm
Depth	112 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 $U_N$	0.9 ... 1.1

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### Technical data

#### Coil side

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

#### Contact side

Contact type	Double contact, 1 PDT
Type of switch contact	Double contact
Contact material	Au
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

Mechanical service life	Approx. $2 \times 10^7$ cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage/insulation	Basic insulation
Degree of pollution	2
Overvoltage category	III
Mounting position	any

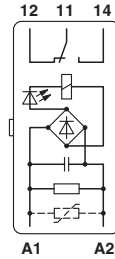
#### Standards and Regulations

Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
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Overvoltage category	III

### Drawings

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Circuit diagram



## Classifications

### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371601
eCl@ss 5.1	27371601
eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601
eCl@ss 9.0	27371601

### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

### UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

## Approvals

### Approvals

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Approvals

EAC

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## Relay connectors - ST-REL3-KG230/21/AU/SO46 - 2826266

### Approvals

Ex Approvals

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### Approval details

EAC 7500651.22.01.00244

### Accessories

#### Additional products

Basic terminal block - URELG 3-PMTK - 2820709



Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

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Basic terminal block - UDK-RELG 3 - 2777043



Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

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Basic terminal block - URELG 3 - 2820136



Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

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Basic terminal block - ZFK-RELG 3 - 2829917



Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

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