

## Relay connectors - ST-REL2-KG 48/1AU - 2823735

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Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 48 V AC/DC, with light indicator, can be plugged on basic termination blocks

The illustration shows version ST-REL 2-KG 24/1 AU



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	35.63 GRM
Custom tariff number	85364190
Country of origin	Germany

### Technical data

#### Dimensions

Width	14.6 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

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

#### Coil side

Nominal input voltage $U_N$	48 V AC/DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Typical input current at $U_N$	8.5 mA
Typical response time	10 ms (with DC)
Typical release time	10 ms (with DC)
Operating voltage display	Yes

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### Technical data

#### Coil side

Protective circuit	Bridge rectifier, varistor
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#### Contact side

Contact type	Double contact, 1 N/O contact
Contact material	AgPd60, hard gold-plated
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)
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	125 V AC
Limiting continuous current	2 A
Maximum inrush current	2 A
Interrupting rating (ohmic load) max.	29 W (at 24 V DC) 29 W (at 48 V DC) 29 W (at 60 V DC) 60 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. $2 \times 10^7$ cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC IEC 60255/DIN VDE 0435 (in relevant parts) DIN EN 50178/DIN VDE 0160 (in relevant parts) EN 60730/DIN VDE 0631 DIN VDE 0160 (in relevant parts)

### Classifications

#### eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001

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### Classifications

eCl@ss

eCl@ss 8.0	27371001
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### ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

### 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

GOST / GOST

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Ex Approvals

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Approvals submitted

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### Approval details

GOST 
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## Drawings

Circuit diagram

