

## Relay connectors - ST-REL2-KG 48/1 - 2823638

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 48 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The figure shows version ST-REL  
2-KG 24/1

**RoHS**

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077471
GTIN	4017918077471

### 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)
Protective circuit	Bridge rectifier, varistor
Operating voltage display	yes
Power dissipation for nominal condition	0.41 W

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### Technical data

#### Contact side

Contact type	Single contact, 1 N/O contact
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	95 W (at 24 V DC)
	50 W (at 48 V DC)
	45 W (at 60 V DC)
	45 W (at 110 V DC)
	75 W (at 220 V DC)
	1500 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 and Regulations

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)

#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

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### Approvals

EAC



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DE.A\*30.B.01082

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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