

## Relay connectors - ST-REL4-KG 24/ 1- 1 - 2852353

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 2 N/O contacts, 24 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks



### **Key Commercial Data**

Packing unit	10 pc
GTIN	4 017918 078645
GTIN	4017918078645

### Technical data

#### **Dimensions**

Width	27 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 <sub>N</sub>	24 V AC/DC	
Input voltage range in reference to U <sub>N</sub>	0.8 1.1	
Typical input current at U <sub>N</sub>	19 mA	
Typical response time	9 ms (with DC)	
Typical release time	10 ms (with DC)	
Protective circuit	Bridge rectifier Bridge rectifier	
	Surge protection Varistor	
Operating voltage display	yes	
Power dissipation for nominal condition	0.46 W	



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### Technical data

#### Contact side

Contact type	Single contact, 2 N/O contact
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	6 A
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	85 W (at 48 V DC)
	60 W (at 60 V DC)
	40 W (at 110 V DC)
	60 W (at 220 V DC)
	1250 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage N/O contact/N/O contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 2x 10 <sup>7</sup> 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"

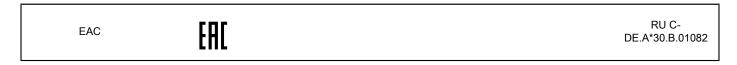
Approvals		
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## **Approvals**

Approval details



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