

# Relay connectors - ST-REL4-KG230/21-21 - 2822419

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 2 PDT, 230 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The figure shows version ST-REL 4-KG 24/21-21



## **Key Commercial Data**

Packing unit	10 pc
GTIN	4 017918 077273
GTIN	4017918077273

## 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>	230 V AC/DC
Input voltage range in reference to U <sub>N</sub>	0.8 1.06
Typical input current at U <sub>N</sub>	4 mA
Typical response time	6 ms (with DC)
Typical release time	7 ms (with DC)
Protective circuit	Bridge rectifier, varistor
Operating voltage display	yes
Power dissipation for nominal condition	0.92 W



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## Technical data

#### Contact side

Contact type	Single contact, 2-PDT
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A
Limiting continuous current	3 A
Interrupting rating (ohmic load) max.	70 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)
	750 VA (for 250 V AC)

#### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	1 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"

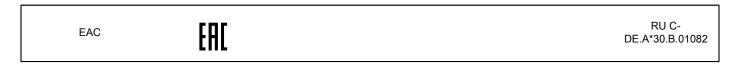
Approvals		
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## **Approvals**

Approval details



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