

## Relay connectors - ST-REL3-KG 24/21/AU/SO46 - 2826981

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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 24 V AC/DC


The figure shows version ST-REL  
3-KG 24/21/SO 46

### Your advantages

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

**RoHS**

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 078034
GTIN	4017918078034

### 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 $U_N$	24 V AC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Typical input current at $U_N$	26 mA

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## Technical data

### Coil side

Typical response time	8 ms (with DC)
Typical release time	10 ms (with DC)
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.62 W

### 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

### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	approx. $2 \times 10^7$ cycles
Mounting position	any

### Standards and Regulations

Standards/regulations	IEC 60664
	EN 50178
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	III

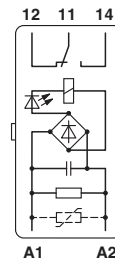
### Environmental Product Compliance

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"

## Drawings

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Circuit diagram



### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

EAC



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