

Relay connectors - ST-REL3-KG120/21/AU/SO46 - 2829797

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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 120 V AC

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



Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918078560

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	120 V AC
Input voltage range in reference to U_N	0.85 ... 1.1
Typical input current at U_N	19 mA

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Technical data

Coil side

Typical response time	8 ms
Typical release time	11 ms
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element
Operating voltage display	Yellow LED
Power dissipation for nominal condition	2.28 W

Contact side

Contact type	Double contact, 1 PDT
Type of switch contact	Double contact
Contact material	AgPd60, hard gold-plated
Maximum switching voltage	30 V AC
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. 2×10^7 cycles
Mounting position	any

Standards and Regulations

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

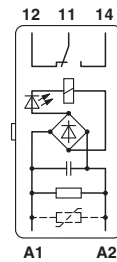
Environmental Product Compliance

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

Relay connectors - ST-REL3-KG120/21/AU/SO46 - 2829797

Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



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DE.A*30.B.01082

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