

Relay connectors - ST-REL3-KG230/21/AU/SO46 - 2826266

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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 230 V AC

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	 4 017918 077877
GTIN	4017918077877

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	230 V AC
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	18 mA
Typical response time	10 ms

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Technical data

Coil side

Typical release time	8 ms
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
Operating voltage display	yes
Power dissipation for nominal condition	4.14 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 (at 24 V DC)

General

Mechanical service life	approx. 2×10^7 cycles
Mounting position	any

Standards and Regulations

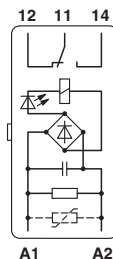
Standards/regulations	IEC 60664
	EN 50178
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	III

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

Circuit diagram



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Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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