

Relay connectors - ST-REL2-KG 48/1AU - 2823735

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Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 48 V AC/DC, with light indicator, can be plugged on basic termination blocks

The figure shows version ST-REL
2-KG 24/1 AU

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 077556
GTIN	4017918077556

Technical data

Dimensions

Width	14.6 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_N	48 V AC/DC
Input voltage range in reference to U_N	0.9 ... 1.1
Typical input current at U_N	8.5 mA
Typical response time	10 ms (with DC)
Typical release time	10 ms (with DC)
Protective circuit	Bridge rectifier, varistor
Operating voltage display	yes
Power dissipation for nominal condition	0.41 W

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Contact side

Contact type	Double contact, 1 N/O contact
Type of switch contact	Double contact
Contact material	AgPd60, hard gold-plated
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

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 2×10^7 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

Approvals

Approvals

EAC

Ex Approvals

Approval details

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