

Relay connectors - ST-REL2-KG230AC/1AU - 2826486

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Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 230 V AC, with light indicator, can be plugged on basic termination blocks

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

Key commercial data

package_quantity	10
GTIN	4017918077952

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	230 V AC
Input voltage range in reference to U_N	0.8 ... 1.06
Nominal input current at U_{IN}	5 mA
Typical response time	4 ms ... 10 ms (with AC)
Typical release time range	4 ms ... 10 ms (with AC)
Operating voltage display	Yes
Protective circuit	Bridge rectifier Bridge rectifier
Protective circuit	Surge protection Varistor

Contact side

Contact type	Double contact, 1 N/O contact
Contact material	AgPd60, hard gold-plated
Maximum switching voltage	30 V AC
Maximum switching voltage	36 V DC
Maximum inrush current	0.2 A
Limiting continuous current	0.5 A

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Contact side

Interrupting rating (ohmic load) max.	5 W (at 24 V DC)
Note	the following values are applicable if a gold layer is destroyed
Maximum switching voltage	125 V AC
Limiting continuous current	2 A
Maximum inrush current	2 A
Interrupting rating (ohmic load) max.	29 W (at 24 V DC)
Interrupting rating (ohmic load) max.	29 W (at 48 V DC)
Interrupting rating (ohmic load) max.	29 W (at 60 V DC)
Interrupting rating (ohmic load) max.	60 VA (for 250 V AC)

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/regulations	DIN VDE 0110b, Gr. C for 250 V DC
Standards/regulations	IEC 60255/DIN VDE 0435 (in relevant parts)
Standards/regulations	DIN EN 50178/DIN VDE 0160 (in relevant parts)
Standards/regulations	EN 60730/DIN VDE 0631
Standards/regulations	DIN VDE 0160 (in relevant parts)

classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

UNSPSC

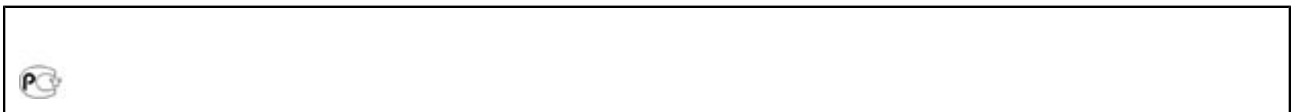
UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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approvals

GOST / GOST /

Approval details



Drawings

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Circuit diagram

