

Relay connectors - ST-REL2-KG220DC/2 - 2826499

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/C contact, 220 V DC input voltage, with light indicator, can be plugged into basic terminal blocks

The illustration shows version ST-REL2-KG 24/2

Key commercial data

package_quantity	10
GTIN	4017918077969

Technical data

Dimensions

Width	14.6 mm
Height	33 mm
Depth	66.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Coil side

Nominal input voltage U_N	220 V DC
Input voltage range in reference to U_N	0.8 ... 1.06
Nominal input current at U_{IN}	4.5 mA
Typical response time	6 ms (with DC)
Typical release time	11 ms (with DC)
Operating voltage display	Yes
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode, varistor

Contact side

Contact type	Single contact, 1 N/C contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	95 W (at 24 V DC)

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Contact side

Interrupting rating (ohmic load) max.	50 W (at 48 V DC)
Interrupting rating (ohmic load) max.	45 W (at 60 V DC)
Interrupting rating (ohmic load) max.	45 W (at 110 V DC)
Interrupting rating (ohmic load) max.	75 W (at 220 V DC)
Interrupting rating (ohmic load) max.	1500 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)
Assembly instructions	After every 5 modules, spacing of 10 mm

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

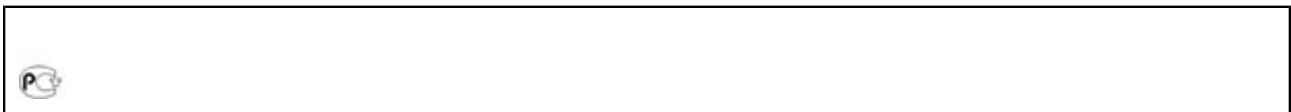
UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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approvals

GOST / GOST /

Approval details



Drawings

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Circuit diagram

