

Relay connectors - ST-REL2-KG230AC/1 - 2826525

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 230 V AC input voltage, with light indicator, can be plugged into basic terminal blocks

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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 077990 |
| GTIN | 4017918077990 |

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 |
| Mains frequency | 50/60 Hz |
| Typical input current at U_N | 5 mA |
| Typical response time | 4 ms ... 10 ms (with AC) |
| Typical release time range | 4 ms ... 10 ms (with AC) |
| Protective circuit | Bridge rectifier, varistor |
| Operating voltage display | yes |

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Technical data

Coil side

| | |
|---|--------|
| Power dissipation for nominal condition | 1.15 W |
|---|--------|

Contact side

| | |
|---------------------------------------|-------------------------------|
| Contact type | Single contact, 1 N/O contact |
| Type of switch contact | Single 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) |
| | 50 W (at 48 V DC) |
| | 45 W (at 60 V DC) |
| | 45 W (at 110 V DC) |
| | 75 W (at 220 V DC) |
| | 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 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

Relay connectors - ST-REL2-KG230AC/1 - 2826525

Approvals

Approval details

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

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