

Relay connectors - ST-REL4-KG230/21-21/AU - 2826431

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Relay connector, fitted with miniature switching relay, contacts (AgNi+Au): Small to large loads, 2 PDT, 230 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The figure shows version ST-REL 4-KG 24/21-21/AU



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 017918 077914 |
| GTIN | 4017918077914 |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 27 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/DC |
| Input voltage range in reference to U_N | 0.8 ... 1.06 |
| Typical input current at U_N | 5 mA |
| Typical response time | 6 ms (with DC) |
| Typical release time | 7 ms (with DC) |
| Protective circuit | Bridge rectifier Bridge rectifier |
| | Surge protection 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, 2-PDT |
| Type of switch contact | Single contact |
| Contact material | Hard gold plated AgNi |
| Maximum switching voltage | 30 V AC/DC 250 V AC/DC |
| Maximum inrush current | 50 mA |
| Limiting continuous current | 50 mA |
| Interrupting rating (ohmic load) max. | 1.2 W (at 24 V DC) 5 VA (for 24 V AC) |

General

| | |
|--|--------------------------------|
| Test voltage relay winding/relay contact | 2.5 kV AC (50 Hz, 1 min.) |
| Test voltage PDT/PDT | 1 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

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Approvals

Approval details

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

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