

Relay connectors - ST-REL2-KG120/1AU - 2823751

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Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O contact, input voltage 120 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 077570 |
| GTIN | 4017918077570 |

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 | 120 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 | 7 ms (with DC) |
| Typical release time | 11 ms (with DC) |
| Protective circuit | Bridge rectifier, varistor |
| Operating voltage display | yes |
| Power dissipation for nominal condition | 0.6 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



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