

Relay connectors - ST-REL2-KG 24/1 - 2823625


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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 24 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks



Key Commercial Data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 017918 077464 |
| Weight per Piece (excluding packing) | 34.96 g |
| Custom tariff number | 85364190 |
| Country of origin | Germany |

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 | 24 V AC/DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 21 mA |
| Typical response time | 7 ms (with DC) |
| Typical release time | 11 ms (with DC) |

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Technical data

Coil side

| | |
|---|----------------------------|
| Protective circuit | Bridge rectifier, varistor |
| Operating voltage display | yes |
| Power dissipation for nominal condition | 0.5 W |

Contact side

| | |
|---------------------------------------|-------------------------------|
| Contact type | Single contact, 1 N/O 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/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) |

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) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27371104 |
| eCl@ss 4.1 | 27371104 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27371001 |
| eCl@ss 5.1 | 27371001 |
| eCl@ss 6.0 | 27371001 |
| eCl@ss 7.0 | 27371001 |
| eCl@ss 8.0 | 27371601 |
| eCl@ss 9.0 | 27371601 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000196 |
| ETIM 3.0 | EC000196 |
| ETIM 4.0 | EC000196 |
| ETIM 5.0 | EC001437 |

UNSPSC

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

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

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| EAC |
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Approvals

EAC

Drawings

Circuit diagram

