



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Relay connectors - ST-REL3-SG 24/21 - 2822011


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Relay connector, equipped with Siemens KAMMRELAIS®, contacts (Ag): medium loads, 1 PDT, input voltage 24 V DC, with light indicator, can be plugged on basic termination blocks



Key commercial data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 017918 077167 |
| Weight per Piece (excluding packing) | 48.64 GRM |
| Custom tariff number | 85364190 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 20.8 mm |
| Height | 33 mm |
| Depth | 66.5 mm |

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Coil side

| | |
|---|-----------------|
| Nominal input voltage U_N | 24 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 32 mA |
| Typical response time | 8 ms (with DC) |
| Typical release time | 15 ms (with DC) |

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Technical data

Coil side

| | |
|---------------------------|---|
| Operating voltage display | Yes |
| Protective circuit | Damping diode, polarity protection Damping diode, polarity protection diode |

Contact side

| | |
|---------------------------------------|-----------------------|
| Contact type | Single contact, 1-PDT |
| Contact material | Ag, gold-flashed |
| Maximum switching voltage | 250 V AC/DC |
| Maximum inrush current | 5 A |
| Limiting continuous current | 5 A |
| Interrupting rating (ohmic load) max. | 120 W (at 24 V DC) |
| | 60 W (at 48 V DC) |
| | 50 W (at 60 V DC) |
| | 50 W (at 110 V DC) |
| | 70 W (at 220 V DC) |
| | 500 VA (for 250 V AC) |

General

| | |
|--|--|
| Test voltage relay winding/relay contact | 1 kV AC (50 Hz, 1 min.) |
| Operating mode | 100% operating factor |
| Mechanical service life | Approx. 10^7 cycles (approx. 10^6 with AC relay) |
| Standards/regulations | DIN VDE 0110b, Gr. C for 250 V DC |
| | DIN VDE 0160 (in relevant parts) |

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 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC000196 |
|----------|----------|

UNSPSC

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

Approvals

Approvals


Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

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| GOST  |
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| GOST  |
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Drawings

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Circuit diagram

