

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 connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/C contact, input voltage 120 V AC/DC, with light indicator, can be plugged on basic termination blocks

The illustration shows version ST-REL 2-KG 24/2 AU



Key commercial data

| Packing unit | 1 pc |
|--------------------------------------|-----------------|
| GTIN | 4 017918 077617 |
| Weight per Piece (excluding packing) | 38.08 GRM |
| Custom tariff number | 85364900 |
| 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 | 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) |



Technical data

Coil side

| Typical release time | 11 ms (with DC) |
|---------------------------|----------------------------|
| Operating voltage display | Yes |
| Protective circuit | Bridge rectifier, varistor |

Contact side

| Contact type | Double contact, 1 N/C 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) |
| Note | the following values are applicable if a gold layer is destroyed |
| Maximum switching voltage | 125 V AC |
| Limiting continuous current | 2 A |
| Maximum inrush current | 2 A |
| Interrupting rating (ohmic load) max. | 29 W (at 24 V DC) |
| | 29 W (at 48 V DC) |
| | 29 W (at 60 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 x 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) |

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 |



Classifications

| eCl | @ss |
|-----|----------------------------|
| COI | (ω, ω_{\star}) |

| eCl@ss 7.0 | 27371001 |
|------------|----------|
| eCl@ss 8.0 | 27371001 |

ETIM

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

UNSPSC

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

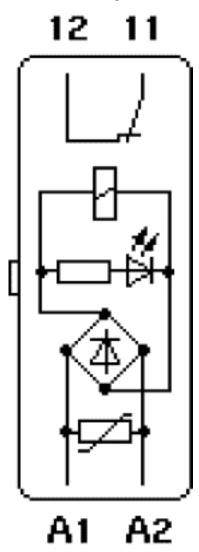
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Drawings





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