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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-REL2-KG230AC/1 - 2826525

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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 230 V AC input voltage, with light indicator, can be plugged into basic terminal blocks

The illustration shows version ST-REL 2-KG 24/1



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 077990 |
| Weight per Piece (excluding packing) | 37.54 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 $U_N$               | 230 V AC                 |
| Input voltage range in reference to $U_N$ | 0.8 ... 1.06             |
| Typical input current at $U_N$            | 5 mA                     |
| Typical response time                     | 4 ms ... 10 ms (with AC) |

## Relay connectors - ST-REL2-KG230AC/1 - 2826525

### Technical data

#### Coil side

|                            |                            |
|----------------------------|----------------------------|
| Typical release time range | 4 ms ... 10 ms (with AC)   |
| Operating voltage display  | Yes                        |
| Protective circuit         | Bridge rectifier, varistor |

#### 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. $2 \times 10^7$ 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 |
| eCl@ss 7.0 | 27371601 |
| eCl@ss 8.0 | 27371601 |

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### Classifications

#### 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

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#### Approvals

#### GOST / GOST

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#### Ex Approvals


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#### Approvals submitted

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#### Approval details

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### Drawings

## Relay connectors - ST-REL2-KG230AC/1 - 2826525

Circuit diagram

