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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-REL4-SG220/21-21 - 2825432

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 2 PDT, input voltage 220 V DC, with light indicator, can be plugged on basic termination blocks

The illustration shows version ST-REL 4-SG 48/21-21



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 077778 |
| Weight per Piece (excluding packing) | 61.2 GRM                                                                                                |
| Custom tariff number                 | 85364900                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Width  | 27 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 $U_N$               | 220 V DC       |
| Input voltage range in reference to $U_N$ | 0.8 ... 1.1    |
| Typical input current at $U_N$            | 9 mA           |
| Typical response time                     | 5 ms (with DC) |

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### Technical data

#### Coil side

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Typical release time      | 25 ms (with DC)                                                             |
| Operating voltage display | Yes                                                                         |
| Protective circuit        | Damping diode, polarity protection Damping diode, polarity protection diode |

#### Contact side

|                                       |                       |
|---------------------------------------|-----------------------|
| Contact type                          | Single contact, 2-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.)                              |
| Test voltage PDT/PDT                     | 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)                     |
|                                          | 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 |

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### Classifications

#### 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 |

### 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

GOST 

GOST 

### Drawings

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Circuit diagram

