

## Relay connectors - ST-REL3-SW 42/21 - 2822066

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 1 PDT, input voltage 42 V AC, with light indicator, can be plugged on basic termination blocks

The illustration shows version ST-REL3-SG 24/21



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 077211 |
| Weight per Piece (excluding packing) | 57.96 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 $U_N$               | 42 V AC                  |
| Input voltage range in reference to $U_N$ | 0.8 ... 1.1              |
| Typical input current at $U_N$            | 32 mA                    |
| Typical response time                     | 4 ms ... 15 ms (with AC) |

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### Technical data

#### Coil side

|                            |                          |
|----------------------------|--------------------------|
| Typical release time range | 4 ms ... 15 ms (with AC) |
| Operating voltage display  | Yes                      |

#### 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 |

#### ETIM

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



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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

#### GOST

#### Ex Approvals

#### Approvals submitted

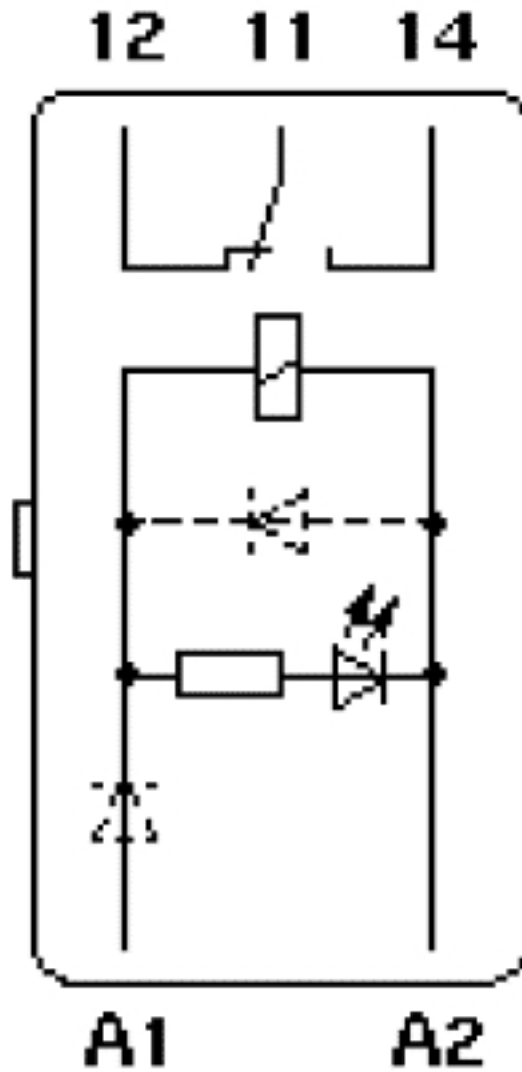
## Approval details

GOST

## Drawings

## Relay connectors - ST-REL3-SW 42/21 - 2822066

Circuit diagram



单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)