

Relay connectors - ST-REL7-SG 60/4X21 - 2828468

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 4 PDT, input voltage 60 V DC, with light indicator, can be plugged on basic termination blocks

The illustration shows version ST-REL 7-SG 24/4X21



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 078379 |
| Weight per Piece (excluding packing) | 85.86 g |
| Custom tariff number | 85364190 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 45.6 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 | 60 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 13 mA |
| Typical response time | 8 ms (with DC) |

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Technical data

Coil side

| | |
|---|---|
| Typical release time | 15 ms (with DC) |
| Protective circuit | Damping diode, polarity protection Damping diode, polarity protection diode |
| Operating voltage display | yes |
| Power dissipation for nominal condition | 0.78 W |

Contact side

| | |
|---------------------------------------|-----------------------|
| Contact type | Single contact, 4-PDT |
| Contact material | Ag, gold-flashed |
| Maximum switching voltage | 150 V DC |
| | 125 V AC |
| Maximum inrush current | 2 A |
| Limiting continuous current | 2 A |
| Interrupting rating (ohmic load) max. | 48 W (at 24 V DC) |
| | 40 W (at 48 V DC) |
| | 40 W (at 60 V DC) |
| | 45 W (at 110 V DC) |
| | 50 VA (for 125 V AC) |

General

| | |
|--|--|
| Test voltage relay winding/relay contact | 500 V AC (50 Hz, 1 min.) |
| Test voltage PDT/PDT | 500 V AC (50 Hz, 1 min.) |
| Operating mode | 100% operating factor |
| Mechanical service life | Approx. 10^8 cycles (approx. 10^7 with AC relay) |
| Standards/regulations | DIN VDE 0110b, Gr. C for 250 V DC |
| | DIN VDE 0160 (in relevant parts) |

Standards and Regulations

| | |
|-----------------------|-----------------------------------|
| 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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27371001 |
| eCl@ss 8.0 | 27371601 |
| eCl@ss 9.0 | 27371601 |

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

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

| |
|-----|
| EAC |
|-----|

Accessories

Additional products

Relay connectors - ST-REL7-SG 60/4X21 - 2828468

Accessories

Basic terminal block - URELG 7-PMTK - 2820725



Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.

Basic terminal block - UDK-RELG 7 - 2777069



Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.

Basic terminal block - URELG 7 - 2820178



Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.

Basic terminal block - ZFK-RELG 7 - 2829933

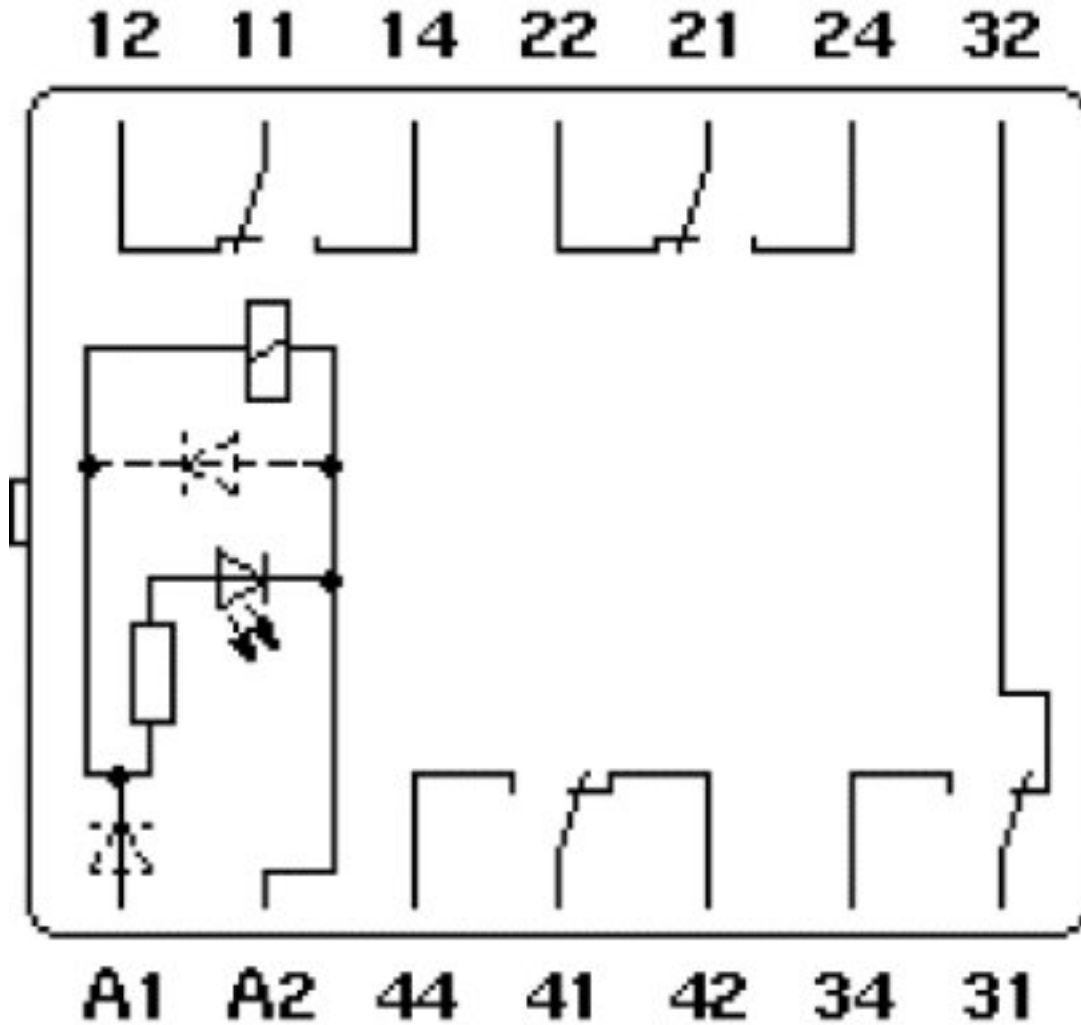


Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 7-pos.

Drawings

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Circuit diagram



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