

## Relay connectors - ST-REL7-SG 48/4X21 - 2828455

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 4 PDT, input voltage 48 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 078362
Weight per Piece (excluding packing)	85.61 GRM
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 $U_N$	48 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	19 mA
Typical response time	8 ms (with DC)

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### Technical data

#### Coil side

Typical release time	15 ms (with DC)
Operating voltage display	Yes
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode

#### 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 <sup>8</sup> cycles (approx. 10 <sup>7</sup> 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
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

#### ETIM

ETIM 2.0	EC000196
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## Classifications

### ETIM

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



## Drawings

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Circuit diagram

