

## Relay connectors - ST-REL3-SG110/21 - 2822037

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 1 PDT, input voltage 110 V DC, 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	 4 017918 077181
Weight per Piece (excluding packing)	47.67 g
Custom tariff number	85364900
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 $U_N$	110 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	5.5 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	0.61 W

#### 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)

#### 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
eCl@ss 7.0	27371001

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### Classifications

#### eCl@ss

eCl@ss 8.0	27371601
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#### 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

EAC

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

EAC
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### Drawings

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Circuit diagram

