



**THE DATASHEET OF**  
**2822082**



## Relay connectors - ST-REL3-SW230/21 - 2822082

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Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 1 PDT, input voltage 230 V AC, with light indicator, can be plugged onto basic termination blocks

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



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 077235
Weight per Piece (excluding packing)	59.53 GRM
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 $U_N$	230 V AC
Input voltage range in reference to $U_N$	0.8 ... 1.06
Typical input current at $U_N$	7 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
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

#### ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196

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## Classifications

### ETIM

ETIM 5.0	EC000196
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### 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

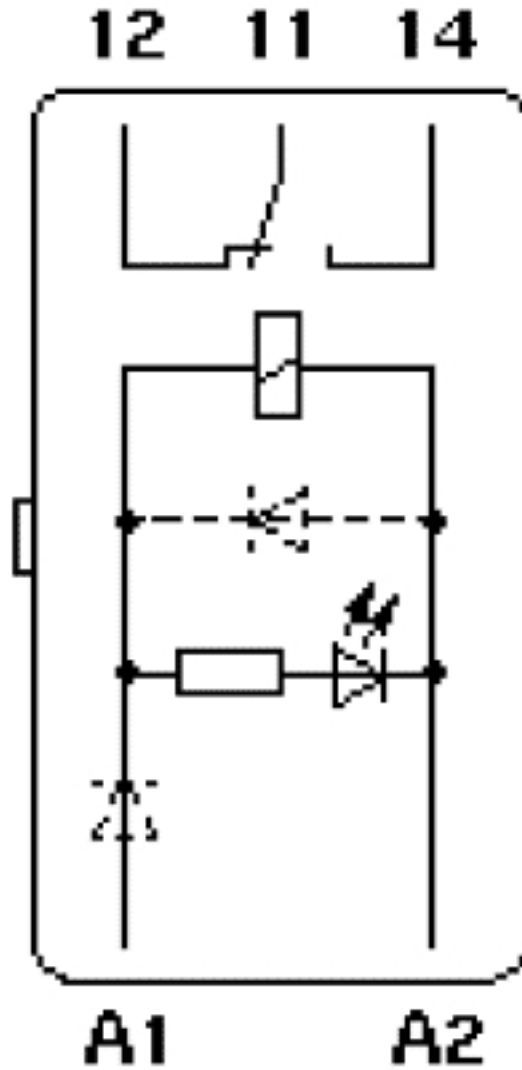
GOST 
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## Drawings


## Relay connectors - ST-REL3-SW230/21 - 2822082

Circuit diagram



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