

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Relay connector, equipped with Siemens KAMMRELAIS ®, contacts (Ag): medium loads, 1 PDT, input voltage 220 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 077198
Weight per Piece (excluding packing)	51.23 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 <sub>N</sub>	220 V DC
Input voltage range in reference to U <sub>N</sub>	0.8 1.1
Typical input current at U <sub>N</sub>	9 mA
Typical response time	5 ms (with DC)



# Technical data

#### Coil side

Typical release time	25 ms (with DC)
Operating voltage display	Yes
Protective circuit	Damping diode, polarity protection Damping diode, polarity protection diode

#### 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 <sup>7</sup> cycles (approx. 10 <sup>6</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
ETIM 3.0	EC000196



# Classifications

	IVI

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

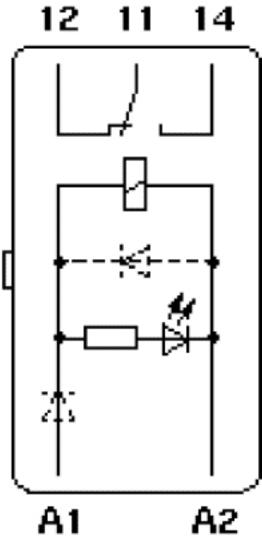
provals	
rovals ST / GOST	
Approvals	
rovals submitted	
proval details	
ost 🖭	

Drawings

GOST 🕑







Phoenix Contact 2014 © - all rights reserved http://www.phoenixcontact.com