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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 120 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The illustration shows version ST-REL 2-KG 24/1



### **Key Commercial Data**

Packing unit	1 pc
GTIN	4 017918 077495
Weight per Piece (excluding packing)	35.13 g
Custom tariff number	85364900
Country of origin	Germany

#### Technical data

#### **Dimensions**

Width	14.6 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C 50 °C
Ambient temperature (storage/transport)	-20 °C 70 °C

#### Coil side

Nominal input voltage U <sub>N</sub>	120 V AC/DC
Input voltage range in reference to U <sub>N</sub>	0.8 1.06
Typical input current at U <sub>N</sub>	5 mA
Typical response time	7 ms (with DC)



## Technical data

#### Coil side

Typical release time	11 ms (with DC)
Protective circuit	Bridge rectifier, varistor
Operating voltage display	yes
Power dissipation for nominal condition	0.6 W

### Contact side

Contact type	Single contact, 1 N/O contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	8 A
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	95 W (at 24 V DC)
	50 W (at 48 V DC)
	45 W (at 60 V DC)
	45 W (at 110 V DC)
	75 W (at 220 V DC)
	1500 VA (for 250 V AC)

### General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 2 x 10 <sup>7</sup> cycles
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
	EN 60730/DIN VDE 0631
	DIN VDE 0160 (in relevant parts)

### Standards and Regulations

Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
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	DIN EN 50178/DIN VDE 0160 (in relevant parts)
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	DIN VDE 0160 (in relevant parts)

## Classifications

### eCl@ss

eCl@ss 4.0	27371104



## Classifications

## eCl@ss

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	27371601
eCl@ss 9.0	27371601

#### **ETIM**

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001437

### **UNSPSC**

EAC

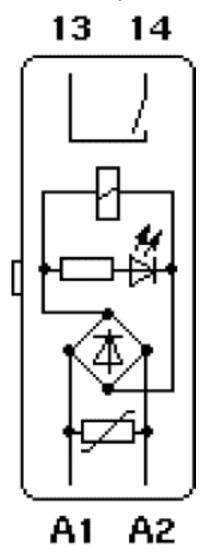
UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

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## Drawings





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