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Relay connector, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/C contact, input voltage 48 V AC/DC, with light indicator, can be plugged on basic termination blocks

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



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	41.58 GRM
Custom tariff number	85364190
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>	48 V AC/DC
Input voltage range in reference to U <sub>N</sub>	0.9 1.1
Typical input current at U <sub>N</sub>	8.5 mA
Typical response time	10 ms (with DC)
Typical release time	10 ms (with DC)
Operating voltage display	Yes



### Technical data

#### Coil side

Protective circuit	Bridge rectifier, varistor
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#### Contact side

Contact type	Double contact, 1 N/C contact		
Contact material	AgPd60, hard gold-plated		
Maximum switching voltage	30 V AC		
	36 V DC		
Maximum inrush current	0.2 A		
Limiting continuous current	0.5 A		
Interrupting rating (ohmic load) max.	5 W (at 24 V DC)		
Note	the following values are applicable if a gold layer is destroyed		
Maximum switching voltage	125 V AC		
Limiting continuous current	2 A		
Maximum inrush current	2 A		
Interrupting rating (ohmic load) max.	29 W (at 24 V DC)		
	29 W (at 48 V DC)		
	29 W (at 60 V DC)		

#### 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)		

### 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



## Classifications

UNSPSC 13.2

**ETIM** 

ETIM 2.0	EC000196
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

39121515

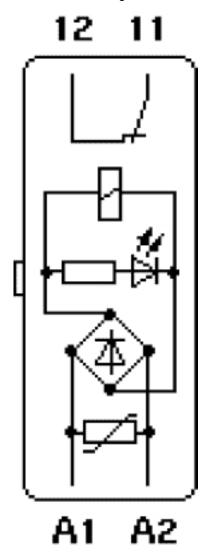
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Drawings



Circuit diagram



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