

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 N/O contact, 230 V AC 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 077990
Weight per Piece (excluding packing)	37.54 GRM
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>	230 V AC
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	4 ms 10 ms (with AC)



## Technical data

#### Coil side

Typical release time range	4 ms 10 ms (with AC)
Operating voltage display	Yes
Protective circuit	Bridge rectifier, varistor

#### 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)

## 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	27371601
eCl@ss 8.0	27371601



## Classifications

**ETIM** 

ETIM 2.0	EC000196	
ETIM 3.0	EC000196	
ETIM 4.0	EC000196	
ETIM 5.0	EC001437	
UNSPSC		
UNSPSC 6.01	30211916	

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UNSPSC 11

UNSPSC 7.0901

UNSPSC 12.01

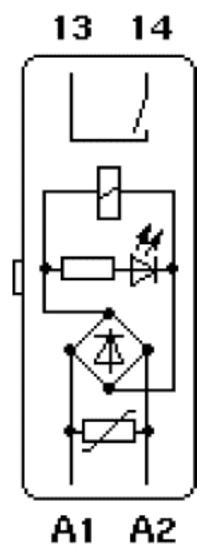
UNSPSC 13.2	39121515
Approvals	
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Ex Approvals	
Approvals submitted	
Approval details	
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**Drawings** 

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Circuit diagram



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