

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, equipped with miniature switching relay, contacts (AgPd60): small loads, 1 N/O 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 24/1 AU



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	35.63 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 _N	48 V AC/DC
Input voltage range in reference to U _N	0.9 1.1
Typical input current at U _N	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/O 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)	
60 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 ⁷ 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

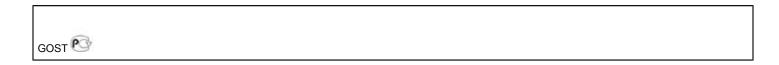
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eCl@ss 7.0	27371001



Classifications

GOST 🖭

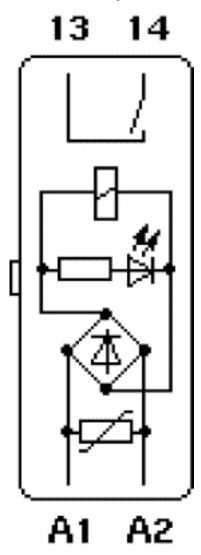
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ETIM 5.0	EC000196	
JNSPSC		
UNSPSC 6.01	30211916	
UNSPSC 7.0901	39121515	
UNSPSC 11	39121515	
UNSPSC 12.01	39121515	
UNSPSC 13.2	39121515	
Approvals		
Approvals		
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Drawings





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