

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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









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, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 2 PDT, 60 V AC/DC input voltage, with light indicator, can be plugged into basic terminal blocks

The illustration shows version ST-REL 4-KG 24/21-21



Key commercial data

Packing unit	1 pc
GTIN	4 017918 077327
Weight per Piece (excluding packing)	46.89 GRM
Custom tariff number	85364190
Country of origin	Germany

Technical data

Dimensions

Width	27 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	60 V AC/DC
Input voltage range in reference to U _N	0.8 1.1
Typical input current at U _N	7 mA
Typical response time	7 ms (with DC)



Technical data

Coil side

Typical release time	11 ms (with DC)
Operating voltage display	Yes
Protective circuit	Bridge rectifier, varistor

Contact side

Contact type	Single contact, 2-PDT
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A
Limiting continuous current	3 A
Interrupting rating (ohmic load) max.	70 W (at 24 V DC)
	85 W (at 48 V DC)
	35 W (at 60 V DC)
	40 W (at 110 V DC)
	60 W (at 220 V DC)
	750 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	1 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	Approx. 2 x 10 ⁷ cycles
Standards/regulations	DIN VDE 0160 (in relevant parts)
	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



Classifications

eCl@ss

eCl@ss 8.0	27371001	
TIM		
ETIM 2.0	EC000196	
ETIM 3.0	EC000196	
ETIM 4.0	EC000196	
ETIM 5.0	EC000196	
INSPSC	·	
UNSPSC 6.01	30211916	
UNSPSC 7.0901	39121515	
UNSPSC 11	39121515	
UNSPSC 12.01	39121515	
UNSPSC 13.2	39121515	

Ex Approvals

GOST / GOST

Approvals submitted

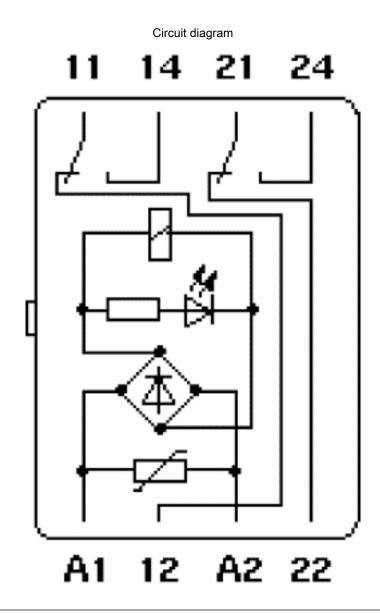
Approval details







Drawings



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