



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



**RIDERSERIES
RCH S51024**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



- Relay with positively driven contacts acc. to EN 50205
- 2 CO contacts or 1 NOC + 1 NCC
- 1500 VA switching capacity
- 6 kV impulse withstand voltage

General ordering data

Order No.	8768700000
Type	RCH S51024
Version	RIDERSERIES, No. of contacts: 1, NC and NO contact, AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248437481
Qty.	20 pc(s).

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Technical data**Ratings**

Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Weight	20 g		

Dimensions and weights

Length	29 mm	Width	12.6 mm
Height	25.5 mm	Weight	20 g
Net weight	19.2 g		

Temperatures

Operating temperature	-25 °C...+70 °C	Storage temperature	
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Input

Rated control voltage	24 V DC	Rated current DC	29.2 mA
Power rating	700 mW	Pull-in (sparkover) / drop-out voltage DC coil	18.0 V / 2.4 V
Status indicator	No		

Output

Max. switching voltage, AC	250 V	Continuous current	6 A
Max. switching power	1500 VA	Response time	10 ms / 4 ms

Contact specifications

No. of contacts	1	Contact design	NC and NO contact
Contact material	AgNi	Mechanical service life	10 x 10 ⁶ switching cycles

Insulation coordination

Clearance and creepage distances for control side - load side	> 8 mm	Creepage and clearance distances between contacts	5.5 mm
Pollution severity	2	Surge voltage category	III

Other technical data

Status indicator	No	Free-wheel diode	No
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Further details of approvals / standards

Standards	IEC 61810-1, UL508
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Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	39-12-15-35
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

Data sheet...

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Technical data

Approvals

Approvals



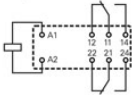
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Drawings**Electric symbol**

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

