

**RIDERSERIES  
RCH S51012**

**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.	<a href="#">8768670000</a>
Type	RCH S51012
Version	RIDERSERIES, No. of contacts: 1, NC and NO contact, AgNi, Rated control voltage: 12 V DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248437467
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	20.55 g		

**Temperatures**

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

Rated control voltage	12 V DC	Rated current DC	58.3 mA
Power rating	700 mW	Pull-in (sparkover) / drop-out voltage DC coil	9.0 V / 1.2 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 <sup>6</sup> 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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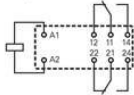
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**Drawings**

**Electric symbol**

**Circuit diagram**  
View of connections

2 changeover contacts



1 NOC + 1 NCC

