

**RIDERSERIES  
RCH S21012**

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

**Product image**


- 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**

Type	RCH S21012
Order No.	<a href="#">8768660000</a>
Version	RIDERSERIES, Relay, No. of contacts: 2 CO contact AgNi, Rated control voltage: 12 V DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248437450
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Length	29 mm	Length (inches)	1.142 inch
Width	12.6 mm	Width (inches)	0.496 inch
Height	25.5 mm	Height (inches)	1.004 inch
Net weight	20.9 g		

**Temperatures**

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-25 °C	Operating temperature	-25 °C...70 °C
Storage temperature			

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Rated data UL**

Certificate No. (cURus) E223474

**Input**

Rated control voltage	12 V DC	Rated current DC	58.3 mA
Power rating	700 mW	Pull-in/drop-out voltage, typ.	9 V / 1.2 V DC
Status indicator	No		

**Output**

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Continuous current	6 A	Switch-on delay	≤ 10 ms
Switch-off delay	≤ 4 ms		

**Contact data**

Contact type 2 CO contact (AgNi) Mechanical service life 10 x 10<sup>6</sup> switching cycles

**General data**

Test button No Mechanical switch position indicator No  
 Colour Transparent

**Insulation coordination**

Surge voltage category III Pollution severity 2  
 Protection degree IP20 Creepage and clearance distance input – output ≥ 8 mm  
 Creepage and clearance distances between contacts 5.5 mm

**Further details of approvals / standards**

Standards IEC 61810-1, UL508 Certificate No. (cURus) E223474

**Data sheet**

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**Technical data**

**Connection data**

Wire connection method	Screw connection	Pitch in mm (P)	5 mm
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**Classifications**

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Engineering Data [EPLAN, WSCAD](#)

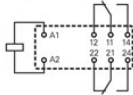
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**Drawings****Wiring diagram**

**Circuit diagram**  
View of connections

2 changeover contacts



1 NOC + 1 NCC

