

**RCH S21012****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****General ordering data**

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

Erstellungs-Datum June 1, 2023 12:06:49 PM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Height	25.5 mm	Height (inches)	1.004 inch
Width	12.6 mm	Width (inches)	0.496 inch
Length	29 mm	Length (inches)	1.142 inch
Net weight	20.7 g		

### Temperatures

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

### Rated data UL

Certificate No. (cURus)	E522350
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### Control side

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		

### Load side

Rated switching voltage	250 V AC	Continuous current	6 A
Max. switching voltage, AC	250 V	AC switching capacity (resistive), max.	1500 VA
Switch-on delay	≤ 10 ms	Switch-off delay	≤ 4 ms
Contact type	2 CO contact (AgNi)	Mechanical service life	10 x 10 <sup>6</sup> switching cycles

### General data

Test button available	No	Mechanical switch position indicator	No
Colour	Transparent		

### Insulation coordination

Pollution severity	2	Surge voltage category	III
Creepage and clearance distance input - output	≥ 8 mm	Protection degree	IP20

### Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (VDE)	40019897
Certificate No. (cURus)	E522350		

### Connection data

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

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01

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## Technische Daten

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

### Downloads

Engineering Data	<a href="#">WSCAD, EPLAN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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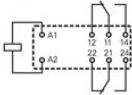
## Zeichnungen

[www.weidmueller.com](http://www.weidmueller.com)

### Wiring diagram

**Circuit diagram**  
View of connections

2 changeover contacts



1 NOC + 1 NCC

