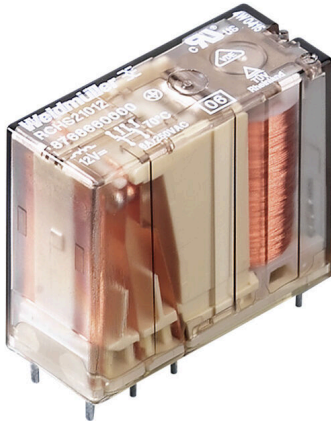


**RCH S21012**

**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 items
Delivery status	This article will no longer be available in the future.
Available until	2025-06-30T00:00:00+02:00

## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E522350

### Dimensions and weights

Depth	25.5 mm	Depth (inches)	1.0039 inch
Height	25.5 mm	Height (inches)	1.0039 inch
Width	12.6 mm	Width (inches)	0.4961 inch
Length	29 mm	Length (inches)	1.1417 inch
Net weight	20.7 g		

### Temperatures

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

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### 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	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 → 8 mm output		Protection degree	IP20

**Technical data****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)	5.00 mm
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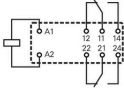
**Classifications**

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

**Wiring diagram**

**Circuit diagram**  
View of connections

2 changeover contacts



1 NOC + 1 NCC

