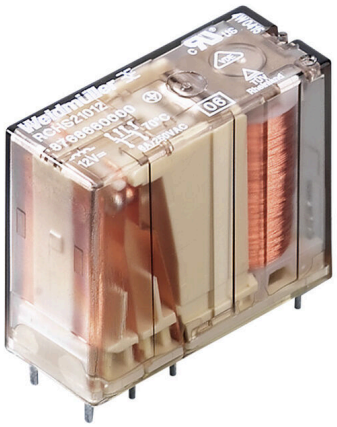
Data sheet

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.	8768660000
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

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Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
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

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 106 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

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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

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		

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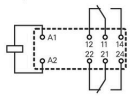
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Drawings

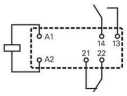
Wiring diagram

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC



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