

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
Order No.	8768660000
Type	RCH S21012
GTIN (EAN)	4032248437450
Qty.	20 pc(s).

Creation date March 29, 2021 11:16:58 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

RCH S21012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

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

Rated data UL

Certificate No. (cURus)	E223474
-------------------------	---------

Control side

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

Load side

AC switching capacity (resistive), max.	1500 VA	Continuous current	6 A
Max. switching voltage, AC	250 V	Rated switching voltage	250 V AC
Switch-off delay	≤ 4 ms	Switch-on delay	≤ 10 ms

Contact data

Contact type	2 CO contact (AgNi)	Mechanical service life	10 x 10 ⁶ switching cycles
--------------	---------------------	-------------------------	---------------------------------------

General data

Test button	No	Mechanical switch position indicator	No
Colour	Transparent		

Insulation coordination

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

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (VDE)	40019897
Certificate No. (cURus)	E223474		

Connection data

Wire connection method	Screw connection	Pitch in mm (P)	5 mm
------------------------	------------------	-----------------	------

Data sheet

RCH S21012

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001437	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E223474

Downloads

Engineering Data	EPLAN, WSCAD
------------------	------------------------------

RCH S21012

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

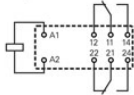
Drawings

www.weidmueller.com

Wiring diagram

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

