

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 pc(s).

Creation date April 12, 2024 6:05:30 AM CEST

Catalogue status 06.04.2024 / We reserve the right to make technical changes.

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Technical data

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	Humidity	40 °C / 93 % rel. humidity, no condensation
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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 ⁶ 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	ETIM 9.0	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	ECLASS 13.0	27-37-16-01

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Technical data

Approvals

Approvals



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

Catalogues	Catalogues in PDF-format
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www.weidmueller.com**Drawings****Wiring diagram****Circuit diagram**
View of connections

2 changeover contacts



1 NOC + 1 NCC

