

RCH S51024

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

www.weidmueller.com

Product image



Similar to illustration

General ordering data

Version	RIDERSERIES, Relay, Number of contacts: 1, NC and NO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	8768700000
Type	RCH S51024
GTIN (EAN)	4032248437481
Qty.	20 Stück

Erstellungs-Datum June 1, 2023 12:07:35 PM CEST

RCH S51024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	18.9 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
-------------------------	---------

Control side

Rated control voltage	24 V DC	Rated current DC	29.2 mA
Power rating	700 mW	Pull-in/drop-out voltage, typ.	18 V / 2.4 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	1 NC and NO 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
------------------------	------------------	-----------------	------

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

Erstellungs-Datum June 1, 2023 12:07:35 PM CEST

RCH S51024**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technische Daten**Approvals**

Approvals



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

Downloads

Engineering Data	WSCAD, EPLAN
Catalogues	Catalogues in PDF-format

RCH S51024

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

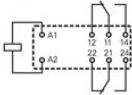
Zeichnungen

www.weidmueller.com

Wiring diagram

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

