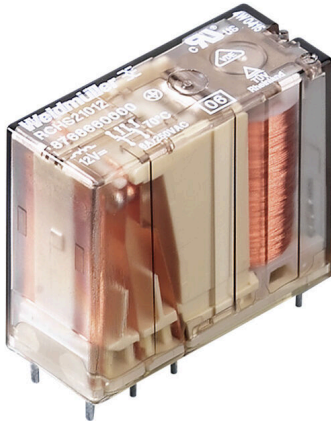


**RCH S51024**

**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.	<a href="#">8768700000</a>
Type	RCH S51024
GTIN (EAN)	4032248437481
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 [UL Website](#)

Certificate No. (cURus) E522350

## Dimensions and weights

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	18.9 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	24 V DC	Rated current DC	29.2 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	1 NC and NO 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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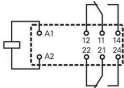
**Classifications**

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

