

**RIDERSERIES  
RCH S21024**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Product image**

Similar to illustration

- Relay with positively driven contacts acc. to EN 50205
- 2 CO contacts or 1 NOC + 1 NCC
- 1500 VA switching capacity
- 6 kV impulse withstand voltage

**General ordering data**

Type	RCH S21024
Order No.	<a href="#">8768680000</a>
Version	RIDERSERIES, Relay, Number of contacts: 2 CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248437474
Qty.	20 pc(s).

Creation date May 8, 2020 6:59:40 PM CEST

Catalogue status 01.05.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Length	29 mm	Length (inches)	1.142 inch
Width	12.6 mm	Width (inches)	0.496 inch
Height	25.5 mm	Height (inches)	1.004 inch
Net weight	19.65 g		

**Temperatures**

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

**Rated data UL**

Certificate No. (cURus)	E223474
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**Input**

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		

**Output**

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

**Contact data**

Contact type	2 CO contact (AgNi)	Mechanical service life	10 x 10 <sup>6</sup> switching cycles
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**General data**

Test button	No	Mechanical switch position indicator	No
Colour	Transparent		

**Insulation coordination**

Surge voltage category	III	Pollution severity	2
Protection degree	IP20	Creepage and clearance distance input – output	≥ 8 mm
Creepage and clearance distances between contacts	5.5 mm		

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508	Certificate No. (cURus)	E223474
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**Connection data**

Wire connection method	Screw connection	Pitch in mm (P)	5 mm
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**Data sheet**

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**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	UNSPSC	30-21-19-17

**Approvals**

Approvals



ROHS Conform

**Downloads**

Engineering Data [EPLAN, WSCAD](#)

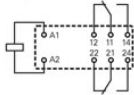
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**Drawings****Wiring diagram**

**Circuit diagram**  
View of connections

2 changeover contacts



1 NOC + 1 NCC

