

**RIDERSERIES
RCH S51024**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
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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 S51024
Order No.	8768700000
Version	RIDERSERIES, Relay, Number of contacts: 1 NC and NO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248437481
Qty.	20 pc(s).

Creation date June 5, 2020 7:48:34 PM CEST

Catalogue status 03.06.2020 / 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	18.9 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	70 V DC (24,25 V DC + 50 mV) potenzialfrei
Operating temperature, min.	-25 V DC (24,25 V DC + 50 mV) potenzialfrei	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	1 NC and NO contact (AgNi)	Mechanical service life	10 x 10 ⁶ 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](#)

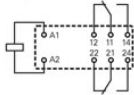
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Drawings**Wiring diagram**

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

