

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
Order No.	8768700000
Type	RCH S51024
GTIN (EAN)	4032248437481
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Height	25.5 mm	Height (inches)	1.004 inch
Length	29 mm	Length (inches)	1.142 inch
Net weight	18.9 g	Width	12.6 mm
Width (inches)	0.496 inch		

Temperatures

Operating temperature	-25 °C...70 °C	Humidity	40 °C / 93 % rel. humidity, no condensation
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Rated data UL

Certificate No. (cURus)	E223474
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Control side

Power rating	700 mW	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Rated control voltage	24 V DC	Rated current DC	29.2 mA
Status indicator	No		

Load side

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

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

Further details of approvals / standards

Standards	IEC 61810-1, UL508	Certificate No. (VDE)	40019897
Certificate No. (cURus)	E223474		

Connection data

Wire connection method	Screw connection	Pitch in mm (P)	5 mm
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www.weidmueller.com**Technical data****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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E223474

Downloads

Engineering Data	EPLAN, WSCAD
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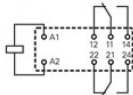
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Drawings

Wiring diagram

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

