

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 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2025-06-30

Creation date June 14, 2025 7:36:50 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Technical data

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	Humidity	40 °C / 93 % rel. humidity, no condensation
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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 (Ag-Ni)	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
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Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	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
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319258/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

Downloads

Catalogues	Catalogues in PDF-format
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Drawings

Wiring diagram

Circuit diagram
View of connections

2 changeover contacts



1 NOC + 1 NCC

