

RCLS3T024W**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

General ordering data

Version	TERMSERIES, Relay, Number of contacts: 1, NO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection
Order No.	8866920000
Type	RCLS3T024W
GTIN (EAN)	4032248606528
Qty.	20 pc(s).

Creation date March 29, 2021 11:23:58 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	15.7 mm	Depth (inches)	0.618 inch
Height	29 mm	Height (inches)	1.142 inch
Net weight	15.6 g	Width	12.7 mm
Width (inches)	0.5 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E224238
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Control side

Power rating	400 mW	Pull-in/drop-out voltage, typ.	16.8 V / 2.4 V DC
Rated control voltage	24 V DC	Rated current DC	16.7 mA

Load side

AC switching capacity (resistive), max.	4000 VA	Continuous current	16 A
DC switching capacity (resistive), max.	384 W @ 24 V	Inrush current	165 A / 20 ms, 800 A / 200 µs
Max. switching frequency at rated load	0.1 Hz	Min. switching power	1 W
Rated switching voltage	250 V AC	Switch-off delay	≤ 6 ms
Switch-on delay	≤ 10 ms		

Contact data

Contact type	Mechanical service life		
1 NO contact (AgSnO)	10 x 10 ⁶ (RCLS3L), 5 x 10 ⁶ (RCLS3T)		

General data

Test button	No	Mechanical switch position indicator	No
Colour	white	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength of open contact	1 kV _{eff} / 1 min
Dielectric strength, Input/Output	5 kV _{eff} / 1min	Insulating material group	IIIa
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Standards	UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40020589	Certificate No. (cURus)	E224238

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Technical data**Connection data**

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
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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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E224238

Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

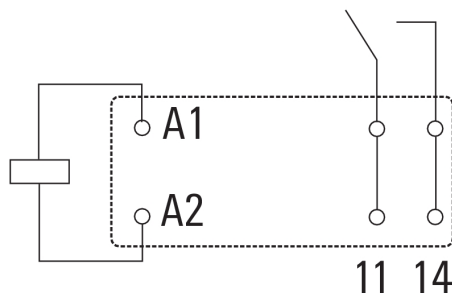
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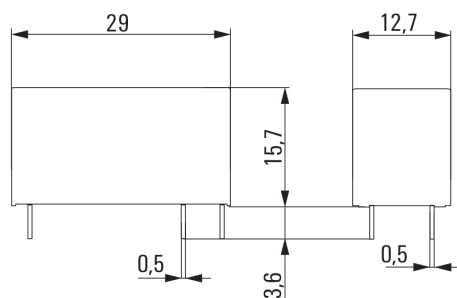
Drawings

Wiring diagram

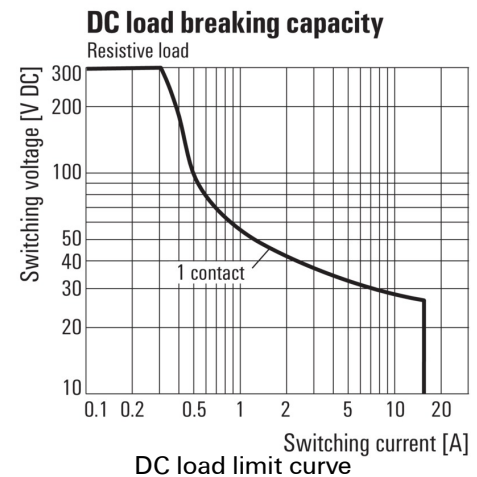


View of Pins from below

Dimensional drawing



Graph



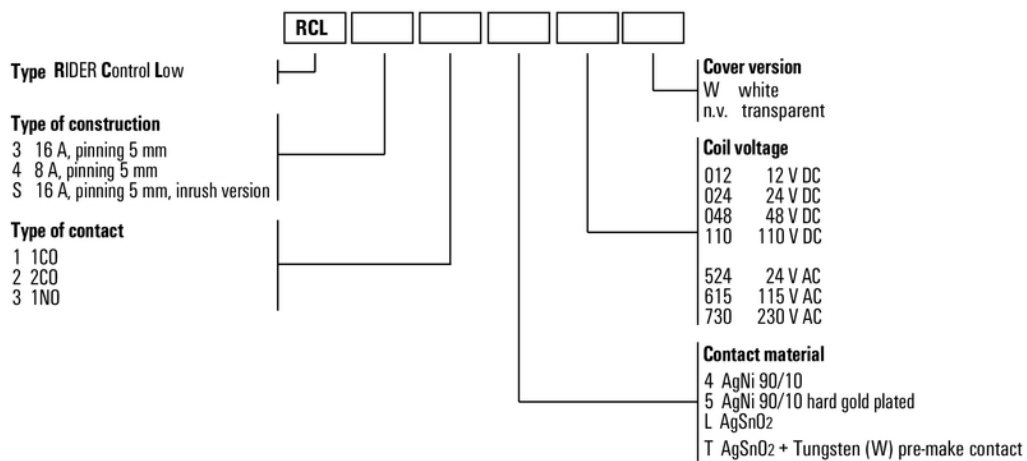
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Drawings

Miscellaneous



Type codes