

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 + W, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection, Test button available: No
Order No.	8866920000
Type	RCLS3T024W
GTIN (EAN)	4032248606528
Qty.	20 pc(s).

RCLS3T024W

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.618 inch
Height	29 mm	Height (inches)	1.142 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	15.15 g		

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)	E522350
-------------------------	---------

Control side

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	400 mW	Status indicator	No

Load side

Rated switching voltage	250 V AC	Continuous current	16 A
Max. switching frequency at rated load	0.1 Hz	Inrush current	165 A / 20 ms, 800 A / 200 µs
AC switching capacity (resistive), max.	4000 VA	DC switching capacity (resistive), max.	384 W @ 24 V
Switch-on delay	≤ 10 ms	Switch-off delay	≤ 6 ms
Contact type	1 NO contact (AgSnO + W)	Mechanical service life	5 x 10 ⁶ switching cycles
Min. switching power	1 W		

General data

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

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Clearance and creepage distances for control side - load side	≥ 10 mm	Dielectric strength for control side - load side	5 kV _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Protection degree	IP20

Further details of approvals / standards

Certificate No. (CSA)	249409-2426937	Certificate No. (VDE)	40020589
Certificate No. (cURus)	E522350		

Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
------------------------	--------------------	-----------------	------

RCLS3T024W

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

Downloads

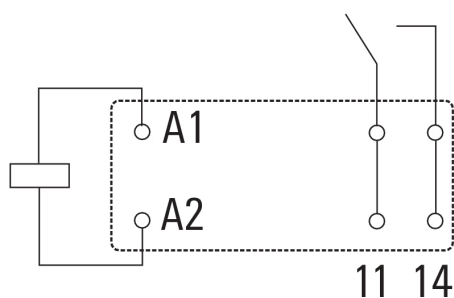
Engineering Data	CAD data – STEP
User Documentation	FL_TERMSERIES_RCL1NOInrush+Tungsten_LOAD_GUIDE
Catalogues	Catalogues in PDF-format

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

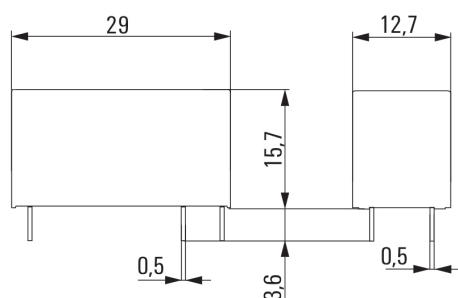
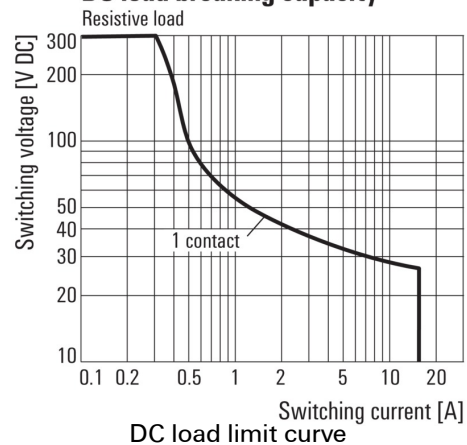
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings****Wiring diagram**

View of Pins from below

Dimensional drawing**Graph****DC load breaking capacity**

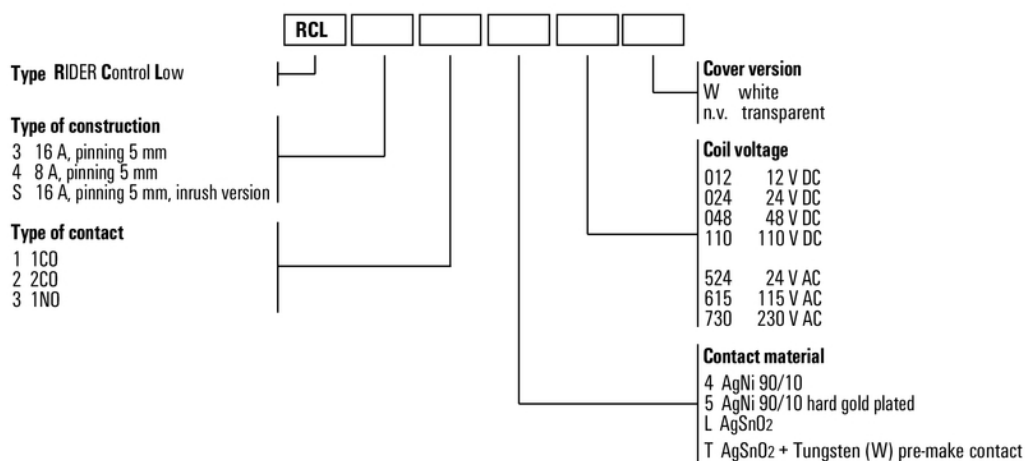
DC load limit curve

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings****Miscellaneous**

Type codes