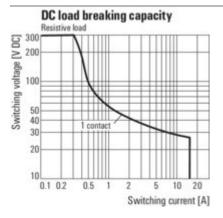
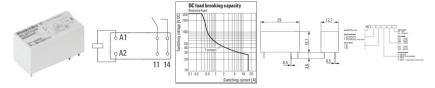
# RCLS3T024W









Version





## General ordering data

TERMSERIES, Relay, Number of contacts: 1,

NO contact AgSnO, 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).

### 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\ ^{\circ}\text{C}\ /\ 93\ \%$ rel.$ humidity, no condensation$ 

#### Rated data UL

Certificate No. (cURus) E224238

Control side

Rated control voltage 24 V DC

Rated current DC 16.7 mA

Power rating 400 mW

Pull-in/drop-out voltage, typ. 16.8 V / 2.4 V DC

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  $\mu s$ 

AC switching capacity (resistive), max. 4000 VA

DC switching capacity (resistive), max. 384 W @ 24 V

Switch-on delay  $\leq$  10 ms Switch-off delay  $\leq$  6 ms

Contact type 1 NO contact (AgSnO)

Mechanical service life 10 x 10<sup>6</sup> (RCLS3L), 5 x 10<sup>6</sup> (RCLS3T)

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

Clearance and creepage distances for control

side - load side

≥ 10 mm

Dielectric strength for control side - load side 5 kV<sub>eff</sub> / 1min

Dielectric strength of open contact 1 kV<sub>eff</sub> / 1 min

Protection degree IP20

Further details of approvals / standards

Standards UL508

Certificate No. (CSA) 249409-2426937

Certificate No. (VDE) 40020589
Certificate No. (cURus) E224238

Connection data

Wire connection method Plug-in connection

Pitch in mm (P) 5 mm

Downloads

**Engineering Data** CAD data -- STEP

**Engineering Data EPLAN, WSCAD** 

CADENAS eCATALOG Cax data

**Catalogues in PDF-format** Catalogues

Classifications

**ETIM 6.0** EC001437

ETIM 7.0 EC001437

ETIM 8.0 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

Approvals

Approvals

**ROHS** 

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**UL File Number Search UL Website** 

Conform

Certificate No. (cURus) E224238

## Related products:



Order No.: 1984080000 Type: RCLS3L024W

#### Version:

TERMSERIES, Relay, Number of contacts: 1, NO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 16 A, Plug-in connection, Test button available: No

PDF data sheet

Add to Inquiry List