

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, 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 °C / 93 % rel. humidity, no condensation

Rated data UL

Certificate No. (cURus)	E224238
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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 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)
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	IIIa
Clearance and creepage distances for control side - load side	≥ 10 mm
Dielectric strength for control side - load side	5 kV <sub>eff</sub> / 1 min
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	<a href="#">CAD data -- STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
CADENAS eCATALOG	<a href="#">Cax data</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>


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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


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Approvals

Approvals	
ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E224238

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Related products:

	<p>Order No.: 1984080000</p> <p>Type: RCLS3L024W</p>	<p>Version:</p> <p>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</p> <p>▶ PDF data sheet</p> <p>▶ Add to Inquiry List</p>
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