

## RSS110024T



### General ordering data

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: Yes
Order No.	<a href="#">2851610000</a>
Type	RSS110024T
GTIN (EAN)	4064675469964
Qty.	20 items

## RSS110024T

Weidmüller Interface GmbH & Co. KG  
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Germany

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E522350

## Dimensions and weights

Depth	16 mm	Depth (inches)	0.6299 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	5.72 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...85 °C
Operating temperature		Humidity	5-85% relative humidity, Tu = 40°C, without condensation

## Environmental Product Compliance

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

## Rated data UL

Certificate No. (cURus) E522350

## Control side

Rated control voltage	24 V DC	Rated current DC	7.1 mA
Power rating	170 mW	Coil resistance	3390 Ω ± 10 %
Status indicator	No		

## Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
Inrush current	30 A / 20 ms	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	<13 ms
Switch-off delay	approx. 5 ms	Contact type	1 CO contact (AgSnO)
Mechanical service life	10 x 10 <sup>6</sup> switching cycles	Min. switching power	100 mA @ 12 V

## General data

Operating altitude	≤ 2000 m, above sea level	Test button available	Yes
Version of test button	lockable	Mechanical switch position indicator	No
Colour	white		

**Technical data****Insulation coordination**

Clearance and creepage distances for control side - load side	≥ 6 mm	Dielectric strength for control side - load side	4 kVeff / 1 Min.
Dielectric strength of open contact	1 kVeff / 1 min		

**Further details of approvals / standards**

Certificate No. (VDE)	40054910	Certificate No. (cURus)	E522350
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**Connection data**

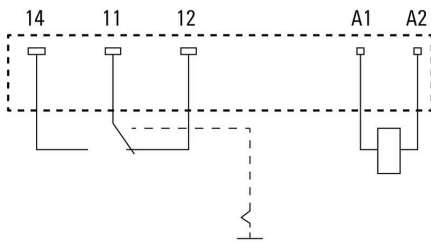
Wire connection method	Plug-in connection
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**Classifications**

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

Drawings

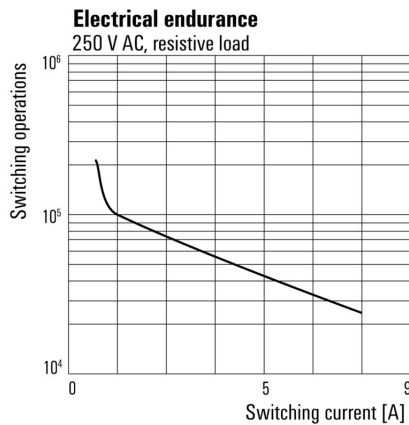
Wiring diagram



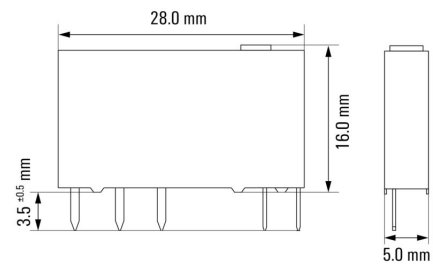
Graph



Graph

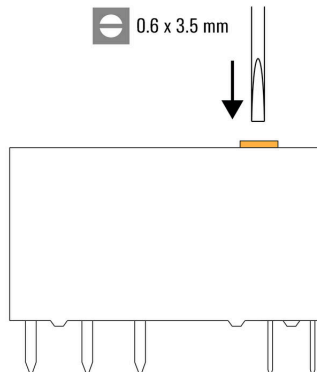


Dimensional drawing



Miscellaneous

Recommended screwdriver for test button



Miscellaneous

Function of test button

Mode is selected by rotating the orange switch.  
 The test button can be rotated endlessly.  
 The groove on the top shows the selected mode.

View from the top:



**Type code electromechanical relay (TERMSERIES)**

