

RSS111024T**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO gold-plated, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: Yes
Order No.	2851620000
Type	RSS111024T
GTIN (EAN)	4064675469995
Qty.	20 items

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	6.45 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...85 °C
Operating temperature		Humidity	5-95% 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
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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
Switching voltage (AC), max.	250 V	Switching voltage (DC), max.	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
Contact type	1 CO contact (AgSnO gold-plated)	Mechanical service life	10 x 10 ⁶ switching cycles
Min. switching power	1 mA @ 1 V		

General data

Operating altitude	≤ 2000 m, above sea level	Test button available	Yes
Version of test button	lockable	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

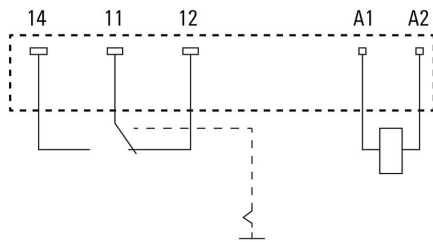
Wire connection method	Plug-in connection
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Classifications

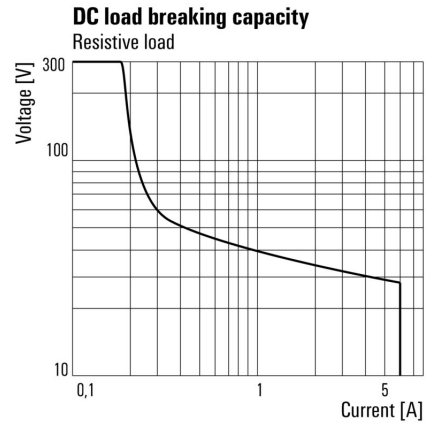
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Drawings

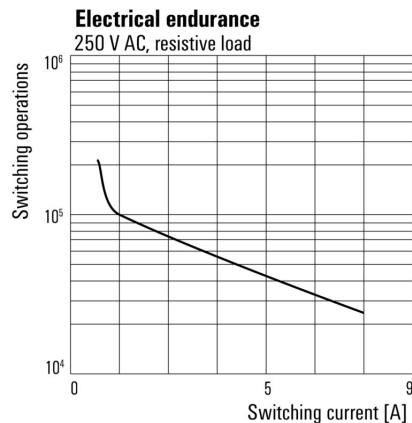
Wiring diagram



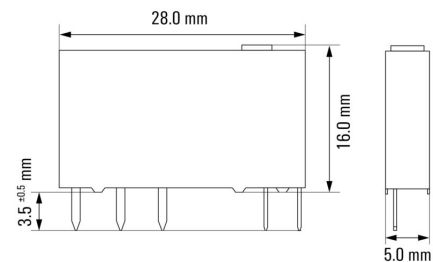
Graph



Graph

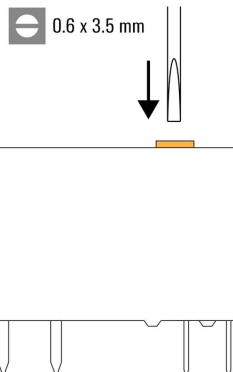


Dimensional drawing



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:



Auto Mode:

Relay contact is controlled by the coil.



Manual ON:

Relay is manually switch on without applied coil voltage.
- NO contact is closed

Type code electromechanical relay (TERMSERIES)