

RSS110005**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

General ordering data

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 5 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No
Order No.	1984100000
Type	RSS110005
GTIN (EAN)	4050118377903
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	15 mm	Depth (inches)	0.591 inch
Height	28 mm	Height (inches)	1.102 inch
Width	5 mm	Width (inches)	0.197 inch
Net weight	5 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
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Rated data UL

Certificate No. (cURus)	E223474
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Control side

Rated control voltage	5 V DC	Rated current DC	33.3 mA
Power rating	170 mW	Coil resistance	147 $\Omega \pm 10 \%$
Coil tolerance	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	<8 ms
Switch-off delay	<4 ms	Contact type	1 CO contact (AgSnO)
Min. switching power	100 mA @ 12 V		

General data

Test button available	No	Mechanical switch position indicator	No
Colour	white		

Insulation coordination

Clearance and creepage distances for control side - load side	≥ 6 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μ s)
Protection degree	IP67		

Further details of approvals / standards

Certificate No. (VDE)	40029391	Certificate No. (cURus)	E223474
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Connection data

Wire connection method	Plug-in connection
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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

Environmental Product Compliance

REACH SVHC

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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cULus)	E223474

Downloads

Engineering Data	CAD data – STEP
User Documentation	FL_TERMSERIES_RSS1COAgSnO_LOAD_GUIDE
Catalogues	Catalogues in PDF-format

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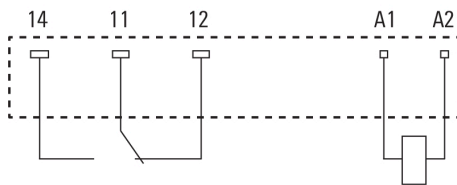
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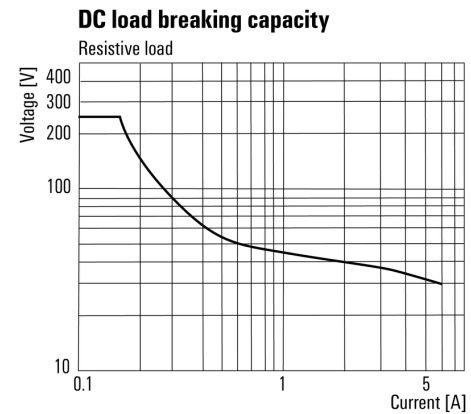
Drawings

Wiring diagram



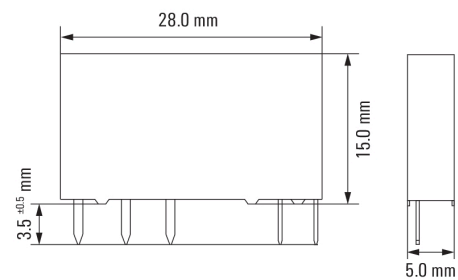
View of Pins from below

Graph



DC load limit curve

Dimensional drawing

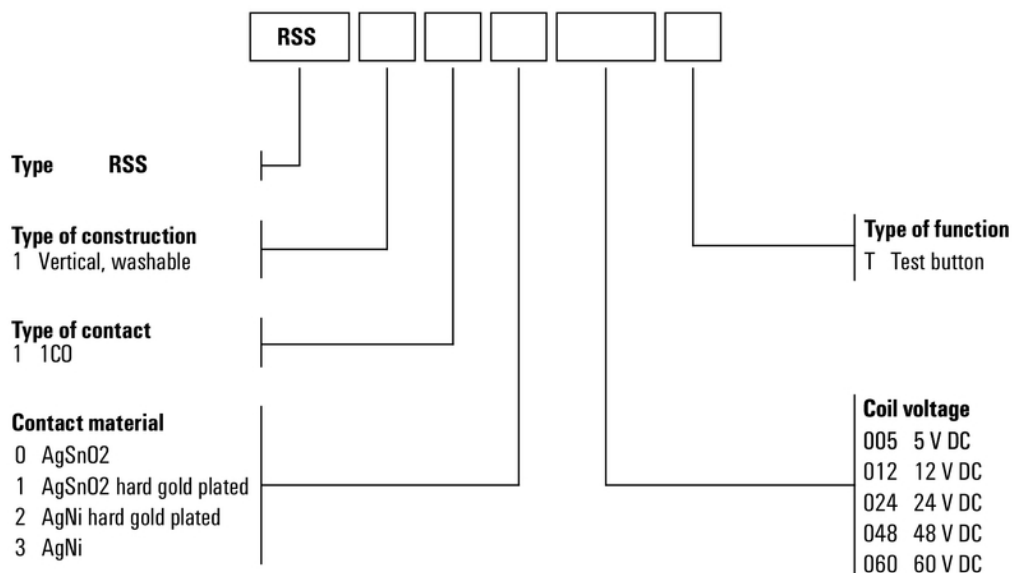


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www.weidmueller.com**Drawings****Miscellaneous****Type code electromechanical relay (TERMSERIES)**

Type codes