

RSS113024F

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 AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No
Order No.	1454430000
Type	RSS113024F
GTIN (EAN)	4050118261042
Qty.	18 pièce(s)

Date de création 26 novembre 2024 13:22:07 CET

Niveau du catalogue 26.11.2024 / Toutes modifications techniques réservées

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Caractéristiques techniques

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	5,1 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5...85 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E223474
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Control side

Rated control voltage	24 V DC	Rated current DC	7 mA
Power rating	170 mW	Coil resistance	3390 Ω \pm 15 %
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	20 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 (AgNi)
Mechanical service life	10 x 10 ⁶ switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V

General data

Test button available	No	Mechanical switch position indicator	No
Colour	white	UL 94 flammability rating	V-0

Insulation coordination

Clearance and creepage distances for control side - load side	\geq 6 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Protection degree	IP67

Further details of approvals / standards

Certificate No. (VDE)	40049192	Certificate No. (cURus)	E223474
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Connection data

Wire connection method	Plug-in connection
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Caractéristiques techniques

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
ECLASS 14.0	27-37-16-01		

Environmental Product Compliance

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

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
User Documentation	FL_TERMSERIES_RSS1COAgNi_LOAD_GUIDE
Catalogues	Catalogues in PDF-format

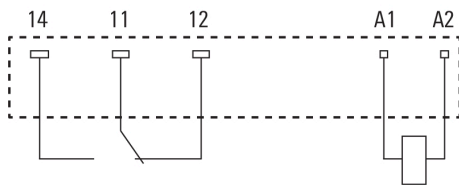
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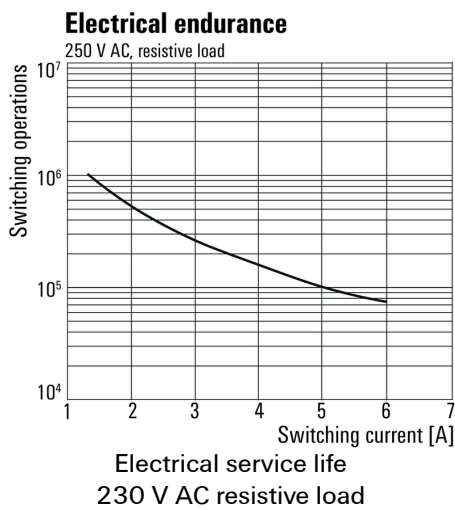
Dessins

Wiring diagram

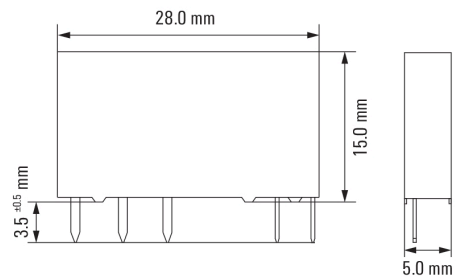


View of Pins from below

Graph



Dimensional drawing



RSS113024F

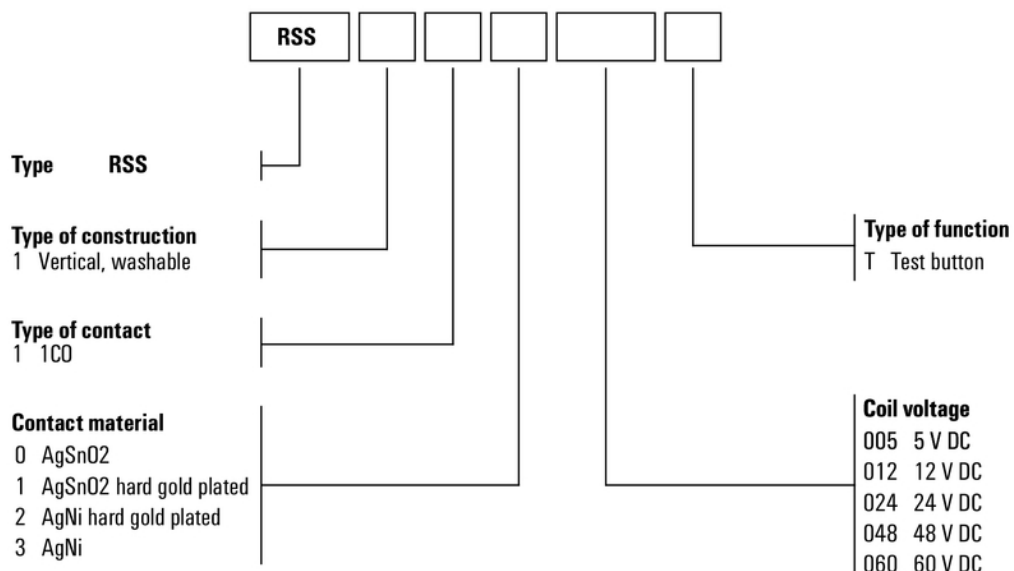
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Dessins

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Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes