

RSS113024F**Weidmüller Interface GmbH & Co. KG**

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Germany

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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 items

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	15 mm	Depth (inches)	0.5906 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	5.1 g		

Temperatures

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

Environmental Product Compliance

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

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 ± 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

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	Protection degree	IP67

Further details of approvals / standards

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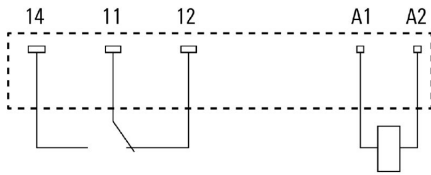
Connection data

Wire connection method	Plug-in connection
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Classifications

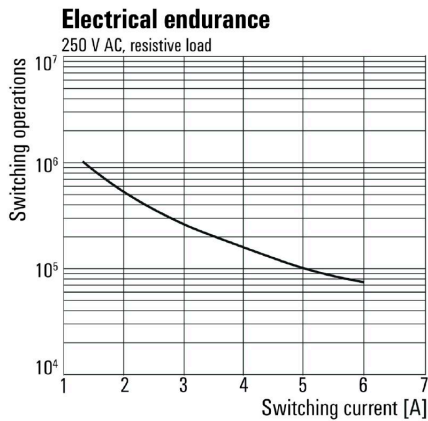
ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Wiring diagram



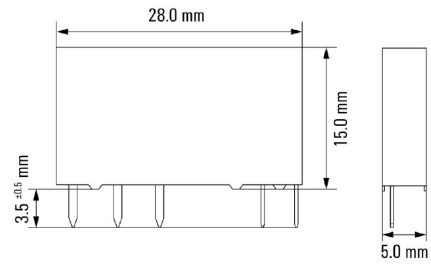
View of Pins from below

Graph



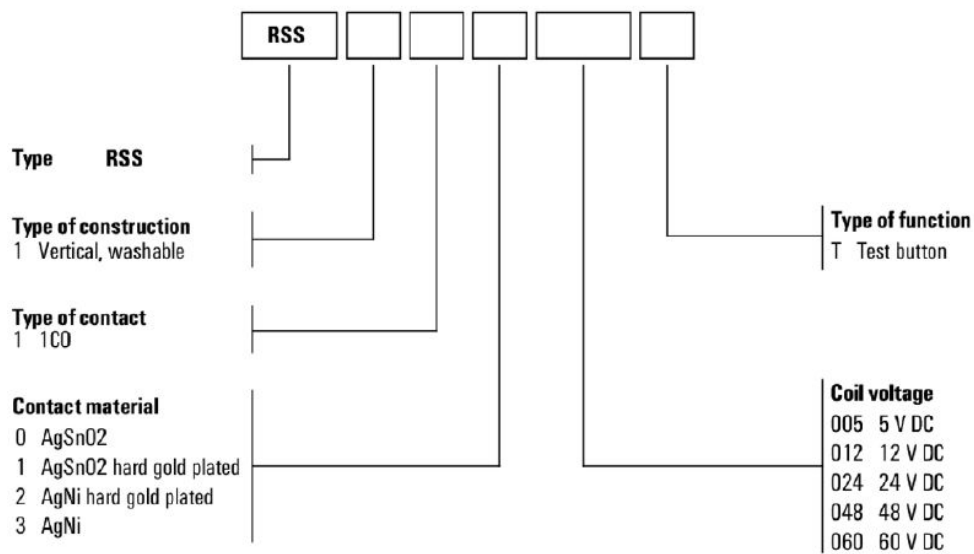
Electrical service life 230 V AC resistive load

Dimensional drawing



Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes