

RSS113012**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: 12 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No |
| Order No. | 4061610000 |
| Type | RSS113012 |
| GTIN (EAN) | 4032248252244 |
| Qty. | 20 items |

RSS113012

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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 | 4.65 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

Control side

| | | | |
|-----------------------|---------|------------------|--------------|
| Rated control voltage | 12 V DC | Rated current DC | 14 mA |
| Power rating | 170 mW | Coil resistance | 847 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 | 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 | 5 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) | 40029391 | Certificate No. (cURus) | E223474 |
|-----------------------|----------|-------------------------|---------|

Connection data

| | |
|------------------------|--------------------|
| Wire connection method | Plug-in connection |
|------------------------|--------------------|

Classifications

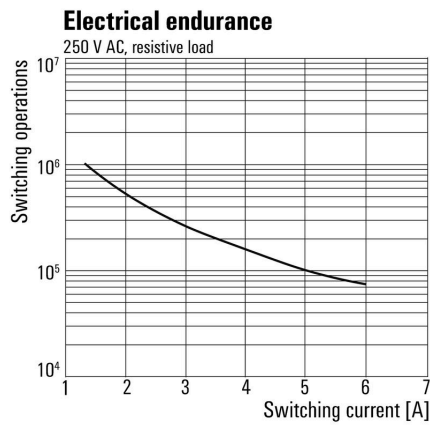
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ETIM 10.0 | EC001437 | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 | | |

Wiring diagram



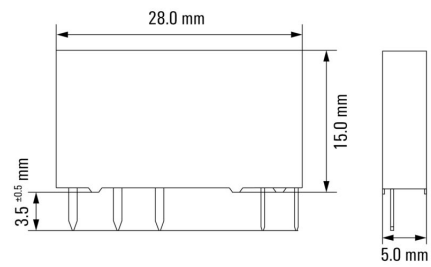
View of Pins from below

Graph



Electrical service life 230 V AC resistive load

Dimensional drawing



Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes