

**RSS113024****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">4060120000</a>                                                                                                                                        |
| Type       | RSS113024                                                                                                                                                         |
| GTIN (EAN) | 4032248252251                                                                                                                                                     |
| Qty.       | 20 pc(s).                                                                                                                                                         |

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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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 | 6 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) | E351070 |
|-------------------------|---------|

## Control side

|                       |                        |                                |                   |
|-----------------------|------------------------|--------------------------------|-------------------|
| Rated control voltage | 24 V DC                | Rated current DC               | 7 mA              |
| Power rating          | 170 mW                 | Pull-in/drop-out voltage, typ. | 16.8 V / 1.2 V DC |
| Coil resistance       | 3388 $\Omega \pm 10\%$ | Coil tolerance                 | 10 %              |

## Load side

|                                         |                                         |                                         |                                      |
|-----------------------------------------|-----------------------------------------|-----------------------------------------|--------------------------------------|
| Rated switching voltage                 | 250 V AC                                | Continuous current                      | 6 A                                  |
| 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 <sup>6</sup> 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 <sub>eff</sub> / 1 Min. |
| Dielectric strength of open contact                           | 1 kV <sub>eff</sub> / 1 min | Protection degree                                | IP67                         |

## Further details of approvals / standards

|                         |                    |                       |          |
|-------------------------|--------------------|-----------------------|----------|
| Standards               | IEC 61810-1, UL508 | Certificate No. (VDE) | 40029391 |
| Certificate No. (cURus) | E351070            |                       |          |

## Connection data

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

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## Technical data

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001437    | ETIM 7.0    | EC001437    |
| ETIM 8.0    | 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 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E351070    |

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Engineering Data | <a href="#">WSCAD</a>                    |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        |                                          |

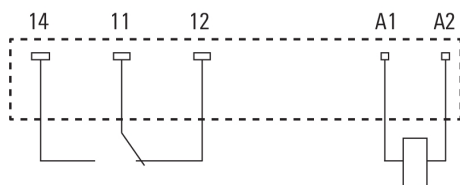
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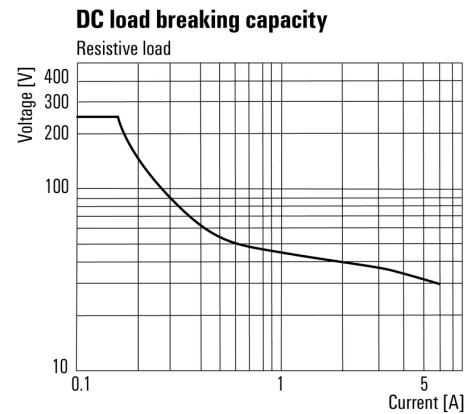
## Drawings

### Wiring diagram



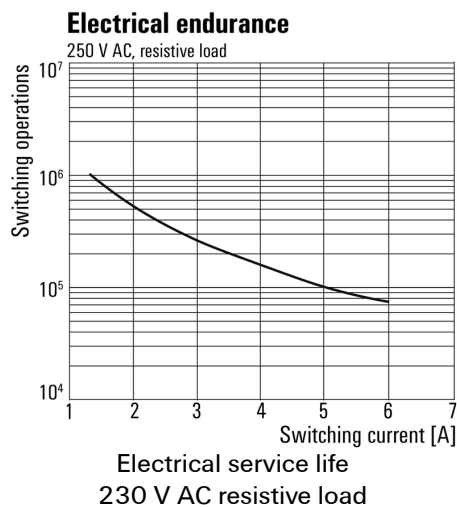
View of Pins from below

### Graph

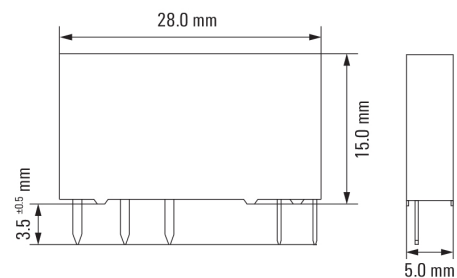


DC load limit curve

### Graph



### Dimensional drawing

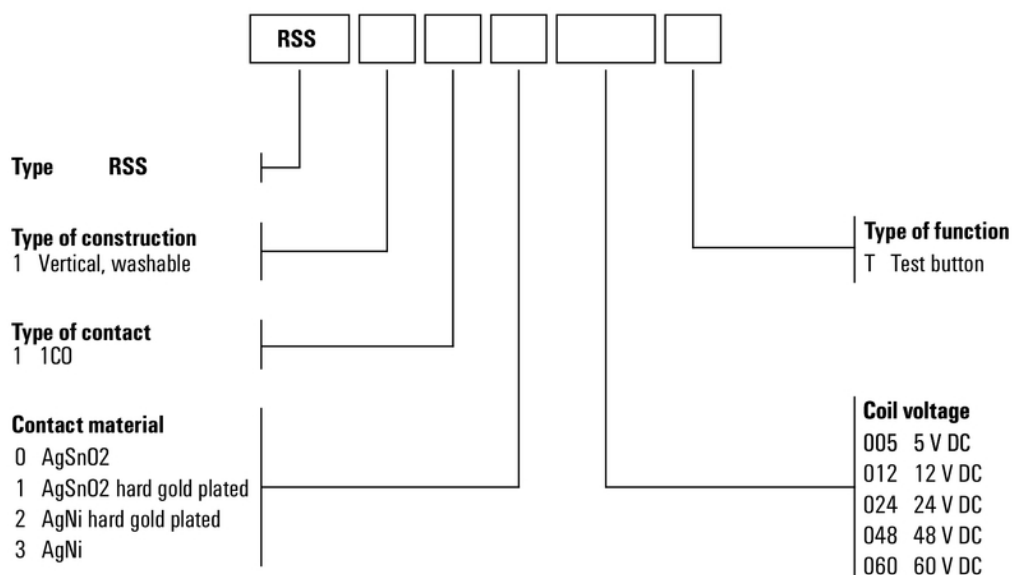


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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Miscellaneous****Type code electromechanical relay (TERMSERIES)**

Type codes