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**TERMSERIES**  
**RSS113060 60VDC-REL1U**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

|            |   |
|------------|---|
| Order No.  | <a href="#">4061630000</a>  |
| Type       | RSS113060 60VDC-REL1U   |
| Version    | TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi, Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection |
| GTIN (EAN) | 4032248252275   |
| Qty.       | 20 pc(s).   |

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**Technical data****Ratings**

|                             |                    |                           |   |
|-----------------------------|--------------------|---------------------------|---|
| Conductor connection system | Plug-in connection | Humidity                  | 5...85 % rel. humidity, no condensation |
| Weight                      | 5 g                | UL 94 flammability rating | V-0                                     |

**Dimensions and weights**

|            |       |        |       |
|------------|-------|--------|-------|
| Width      | 5 mm  | Height | 28 mm |
| Depth      | 15 mm | Weight | 5 g   |
| Net weight | 6 g   |        |       |

**Temperatures**

|                       |                 |                     |                 |
|-----------------------|-----------------|---------------------|-----------------|
| Operating temperature | -40 °C...+85 °C | Storage temperature | -40 °C...+85 °C |
|-----------------------|-----------------|---------------------|-----------------|

**Input**

|  |               |                  |        |
|--|---------------|------------------|--------|
| Rated control voltage                          | 60 V DC       | Rated current DC | 3 mA   |
| Coil resistance                                | 20570 Ω ±10 % | Power rating     | 180 mW |
| Pull-in (sparkover) / drop-out voltage DC coil | 42 V / 3V     |                  |        |

**Output**

|   |   |  |         |
|---|---|--|---------|
| Rated switching voltage                   | 250 V AC                                | Max. switching voltage, AC             | 250 V   |
| Max. switching voltage, DC making current | 250 V / 6 A                             | Continuous current                     | 6 A     |
| Switch-on delay                           | < 8 ms                                  | Max. switching power                   | 1500 VA |
| Min. switching power                      | 100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA | Switch-off delay                       | < 4 ms  |
|   |   | Max. switching frequency at rated load | 0.1 Hz  |

**Contact specifications**

|                  |      |                         |                                      |
|------------------|------|-------------------------|--------------------------------------|
| No. of contacts  | 1    | Contact design          | CO contact                           |
| Contact material | AgNi | Mechanical service life | 5 x 10 <sup>6</sup> switching cycles |

**Insulation coordination**

|   |                  |  |                              |
|---|------------------|--|------------------------------|
| Clearance and creepage distances for control side - load side | ≥ 5.5 mm         | Dielectric strength for control side - load side | 4 kV <sub>eff</sub> / 1 min. |
| Impulse withstand voltage                                     | 6 kV (1.2/50 μs) | Protection degree                                | IP 67                        |

**Other technical data**

|         |       |
|---------|-------|
| Version | Relay |
|---------|-------|

**Further details of approvals / standards**

|           |                    |
|-----------|--------------------|
| Standards | IEC 61810-1, UL508 |
|-----------|--------------------|

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001437    | eClass 6.0 | 27-37-16-03 |
| eClass 7.0 | 27-37-16-03 |            |             |

**Data sheet...**

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**Technical data**

**Approvals**

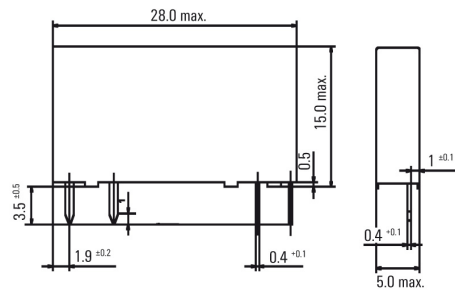
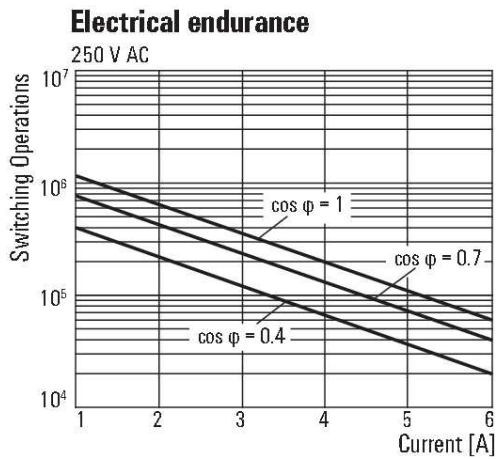
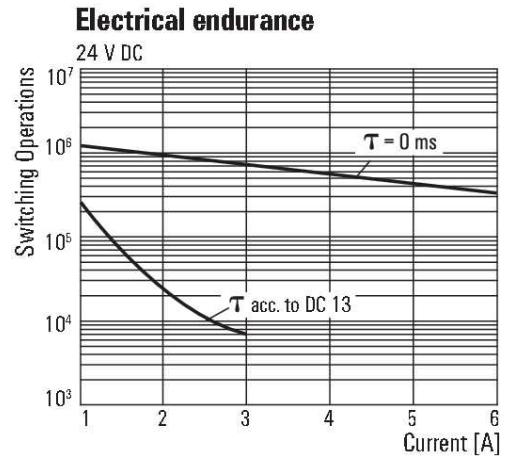
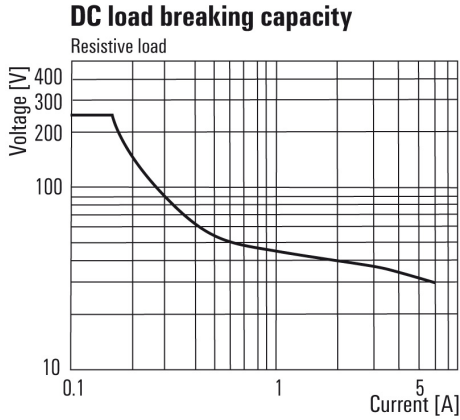
Approvals



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**Drawings**



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**Mating connector (fully pluggable)**
**Screw connection**


TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

| Order No.                  | Type                    | Version  | GTIN (EAN)    | Qty.      |
|----------------------------|-------------------------|--|---------------|-----------|
| <a href="#">1123320000</a> | TRS 230VAC RC 1CO EMPTY | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Screw connection | 4032248905522 | 10 pc(s). |
| <a href="#">1123310000</a> | TRS 120VAC RC 1CO EMPTY | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Screw connection | 4032248905317 | 10 pc(s). |
| <a href="#">1123290000</a> | TRS 120VUC 1CO EMPTY    | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Screw connection | 4032248905461 | 10 pc(s). |
| <a href="#">1123300000</a> | TRS 230VUC 1CO EMPTY    | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Screw connection | 4032248905515 | 10 pc(s). |
| <a href="#">1123280000</a> | TRS 60VUC 1CO EMPTY     | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Screw connection | 4032248905270 | 10 pc(s). |

**Tension clamp connection**


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- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

| Order No.                  | Type                    | Version  | GTIN (EAN)    | Qty.      |
|----------------------------|-------------------------|--|---------------|-----------|
| <a href="#">1123430000</a> | TRZ 120VAC RC 1CO EMPTY | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Tension clamp connection | 4032248905188 | 10 pc(s). |
| <a href="#">1123410000</a> | TRZ 120VUC 1CO EMPTY    | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Tension clamp connection | 4032248905690 | 10 pc(s). |
| <a href="#">1123440000</a> | TRZ 230VAC RC 1CO EMPTY | TERMSERIES, Relay base,<br>Continuous current: 10 A,<br>Tension clamp connection | 4032248905171 | 10 pc(s). |

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**Mating connector (fully pluggable)**

[1123420000](#) TRZ 230VUC 1CO EMPTY

TERMSERIES, Relay base, 4032248905683 10 pc(s).  
Continuous current: 10 A,  
Tension clamp connection

[1123400000](#) TRZ 60VUC 1CO EMPTY

TERMSERIES, Relay base, 4032248905546 10 pc(s).  
Continuous current: 10 A,  
Tension clamp connection