

RSS110060**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 AgSnO, Rated control voltage: 60 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No |
| Order No. | 1984120000 |
| Type | RSS110060 |
| GTIN (EAN) | 4050118377682 |
| Qty. | 20 pc(s). |

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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 | 5 g | | |

Temperatures

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

Rated data UL

| | |
|-------------------------|---------|
| Certificate No. (cURus) | E223474 |
|-------------------------|---------|

Control side

| | | | |
|-----------------------|---------|------------------|--------------------------|
| Rated control voltage | 60 V DC | Rated current DC | 3 mA |
| Power rating | 180 mW | Coil resistance | 20570 $\Omega \pm 10 \%$ |
| Coil tolerance | 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 | 30 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 (AgSnO) |
| Min. switching power | 100 mA @ 12 V | | |

General data

| | | | |
|-----------------------|-------|--------------------------------------|----|
| Test button available | No | Mechanical switch position indicator | No |
| Colour | white | | |

Insulation coordination

| | | | |
|---|-----------------------------|--|------------------------------|
| Clearance and creepage distances for control side - load side | $\geq 6 \text{ mm}$ | Dielectric strength for control side - load side | 4 kV _{eff} / 1 Min. |
| Dielectric strength of open contact | 1 kV _{eff} / 1 min | Impulse withstand voltage | 6 kV (1.2/50 μs) |
| Protection degree | IP67 | | |

Further details of approvals / standards

| | | | |
|-----------------------|----------|-------------------------|---------|
| Certificate No. (VDE) | 40029391 | Certificate No. (cURus) | E223474 |
|-----------------------|----------|-------------------------|---------|

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 | 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

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Approvals

Approvals



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

Downloads

| | |
|--------------------|--|
| Engineering Data | CAD data – STEP |
| User Documentation | FL TERMSERIES RSS1COAgSnO LOAD GUIDE |
| Catalogues | Catalogues in PDF-format |

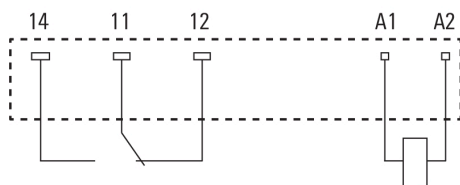
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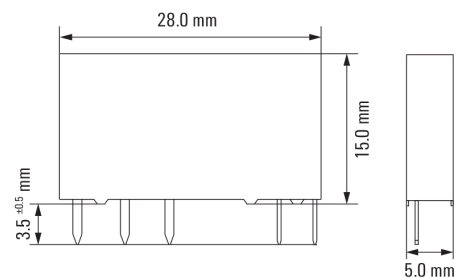
Drawings

Wiring diagram



View of Pins from below

Dimensional drawing



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Accessories

Screw connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

| | | |
|------------|----------------------------|--|
| Type | TRS 230VAC RC 1CO EMPTY | Version |
| Order No. | 1123320000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905522 | control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, Screw |
| Qty. | 10 pc(s). | connection |
| Type | TRS 60VUC 1CO EMPTY | Version |
| Order No. | 1123280000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905270 | control voltage: 60 V UC $\pm 10\%$, Continuous current: 10 A, Screw |
| Qty. | 10 pc(s). | connection |
| Type | TRS 120VUC 1CO EMPTY | Version |
| Order No. | 1123290000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905461 | control voltage: 120 V UC $\pm 10\%$, Continuous current: 10 A, Screw |
| Qty. | 10 pc(s). | connection |
| Type | TRS 120VAC RC 1CO EMPTY | Version |
| Order No. | 1123310000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905317 | control voltage: 120 V AC $\pm 10\%$, Continuous current: 10 A, Screw |
| Qty. | 10 pc(s). | connection |
| Type | TRS 230VUC 1CO EMPTY | Version |
| Order No. | 1123300000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905515 | control voltage: 230 V UC $\pm 10\%$, Continuous current: 10 A, Screw |
| Qty. | 10 pc(s). | connection |

PUSH IN connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

| | | |
|------------|----------------------------|--|
| Type | TRP 230VAC RC 1CO EMPTY | Version |
| Order No. | 2618890000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4050118669947 | control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, PUSH IN |
| Qty. | 10 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | TRP 60VUC 1CO EMPTY | Version |
| Order No. | 2618900000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4050118669930 | control voltage: 60 V UC $\pm 10\%$, Continuous current: 10 A, PUSH IN |
| Qty. | 10 pc(s). | |
| Type | TRP 120VUC 1CO EMPTY | Version |
| Order No. | 2618950000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4050118667585 | control voltage: 120 V UC $\pm 10\%$, Continuous current: 10 A, PUSH IN |
| Qty. | 10 pc(s). | |
| Type | TRP 120VAC RC 1CO EMPTY | Version |
| Order No. | 2618880000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4050118669954 | control voltage: 120 V AC $\pm 10\%$, Continuous current: 10 A, PUSH IN |
| Qty. | 10 pc(s). | |
| Type | TRP 230VUC 1CO EMPTY | Version |
| Order No. | 2618960000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4050118667578 | control voltage: 230 V UC $\pm 10\%$, Continuous current: 10 A, PUSH IN |
| Qty. | 10 pc(s). | |

Tension clamp connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

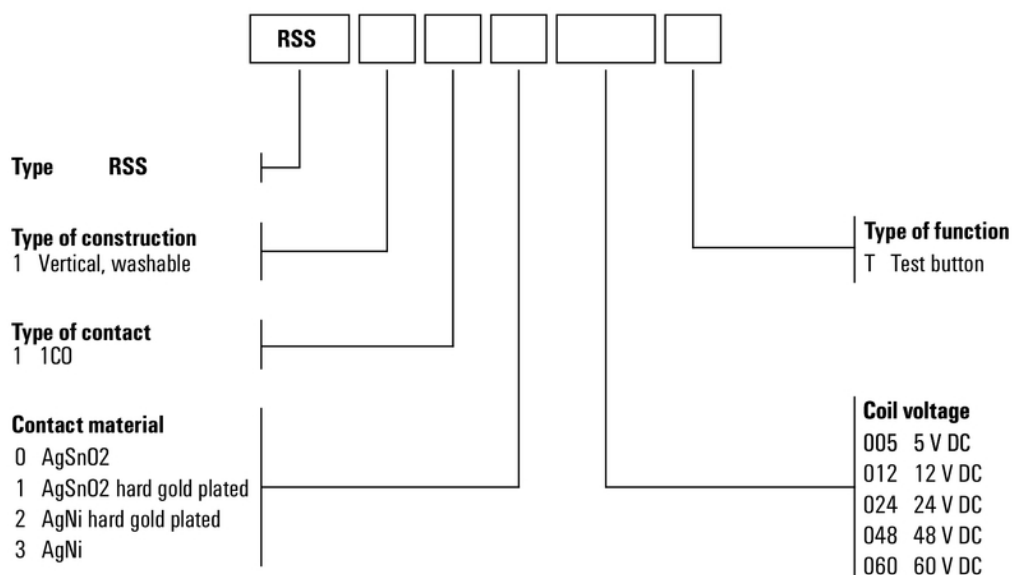
| | | |
|------------|----------------------------|---|
| Type | TRZ 120VAC RC 1CO EMPTY | Version |
| Order No. | 1123430000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905188 | control voltage: 120 V AC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| Qty. | 10 pc(s). | |
| Type | TRZ 120VUC 1CO EMPTY | Version |
| Order No. | 1123410000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905690 | control voltage: 120 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| Qty. | 10 pc(s). | |
| Type | TRZ 230VAC RC 1CO EMPTY | Version |
| Order No. | 1123440000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905171 | control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| Qty. | 10 pc(s). | |
| Type | TRZ 230VUC 1CO EMPTY | Version |
| Order No. | 1123420000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905683 | control voltage: 230 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| Qty. | 10 pc(s). | |
| Type | TRZ 60VUC 1CO EMPTY | Version |
| Order No. | 1123400000 | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated |
| GTIN (EAN) | 4032248905546 | control voltage: 60 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| Qty. | 10 pc(s). | |

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www.weidmueller.com**Drawings****Miscellaneous****Type code electromechanical relay (TERMSERIES)**

Type codes