

RCL424110**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: 2, CO contact AgNi, Rated control voltage: 110 V DC, Continuous current: 8 A, Plug-in connection, Test button available: No |
| Order No. | 4058590000 |
| Type | RCL424110 |
| GTIN (EAN) | 4032248189311 |
| Qty. | 20 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E522350

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 15.7 mm | Depth (inches) | 0.6181 inch |
| Height | 29 mm | Height (inches) | 1.1417 inch |
| Width | 12.7 mm | Width (inches) | 0.5 inch |
| Net weight | 17 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|--|
| Storage temperature | -40 °C...85 °C | Ambient temperature | -40 °C...70 °C |
| Operating temperature | | Humidity | 40 °C / 93 % 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) | E522350 |
|-------------------------|---------|

Control side

| | | | |
|-----------------------|----------|------------------|----------------|
| Rated control voltage | 110 V DC | Rated current DC | 4.1 mA |
| Power rating | 420 mW | Coil resistance | 28800 Ω ± 12 % |
| Status indicator | No | | |

Load side

| | | | |
|---|---|---|---------------------------|
| Rated switching voltage | 250 V AC | Continuous current | 8 A |
| Max. switching frequency at rated load | 0.1 Hz | Inrush current | 15 A / 4 s |
| AC switching capacity (resistive), max. | 2000 VA | DC switching capacity (resistive), max. | 192 W @ 24 V |
| Switch-on delay | ≤ 8 ms | Switch-off delay | ≤ 6 ms |
| Contact type | 2 CO contact (AgNi) | Mechanical service life | 30 x 106 switching cycles |
| Min. switching power | 1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V | | |

General data

| | | | |
|-----------------------|-------------|--------------------------------------|-----|
| Test button available | No | Mechanical switch position indicator | No |
| Colour | Transparent | UL 94 flammability rating | V-2 |

Insulation coordination

| | | | |
|------------------------|-------|---------------------------|------|
| Rated voltage | 250 V | Pollution severity | 2 |
| Surge voltage category | III | Insulating material group | IIIa |

Creation date 18.03.2026 06:09:08 MEZ

Catalogue status / Drawings

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| | | | |
|---|--------------------|--|-----------------|
| Clearance and creepage distances for control side - load side | ≥ 10 mm | Dielectric strength for control side - load side | 5 kVeff / 1min |
| Dielectric strength of neighbouring contacts | 2.5 kVeff / 1 Min. | Dielectric strength of open contact | 1 kVeff / 1 min |
| Protection degree | IP20 | | |

Further details of approvals / standards

| | | | |
|-------------------------|----------------|-----------------------|----------|
| Certificate No. (CSA) | 249409-2426937 | Certificate No. (VDE) | 40020589 |
| Certificate No. (cURus) | E522350 | | |

Connection data

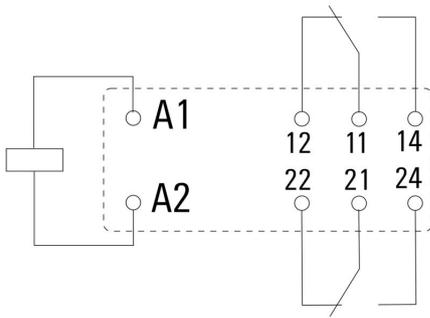
| | | | |
|------------------------|--------------------|-----------------|---------|
| Wire connection method | Plug-in connection | Pitch in mm (P) | 5.00 mm |
|------------------------|--------------------|-----------------|---------|

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 | | |

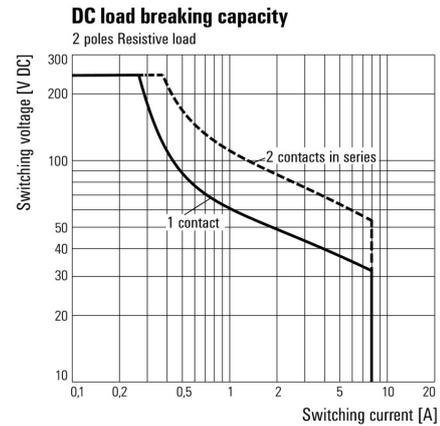
Drawings

Wiring diagram



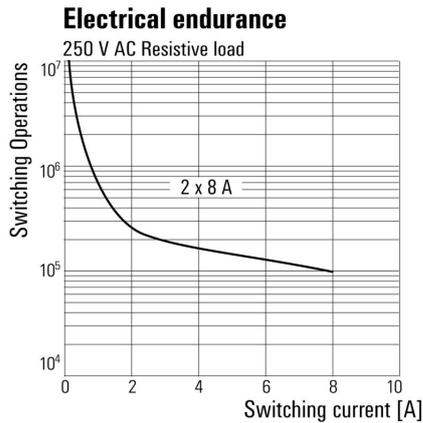
View of Pins from below

Graph

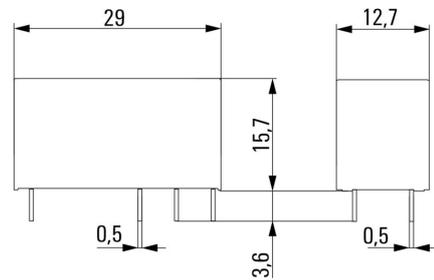


DC load limit curve Resistive load

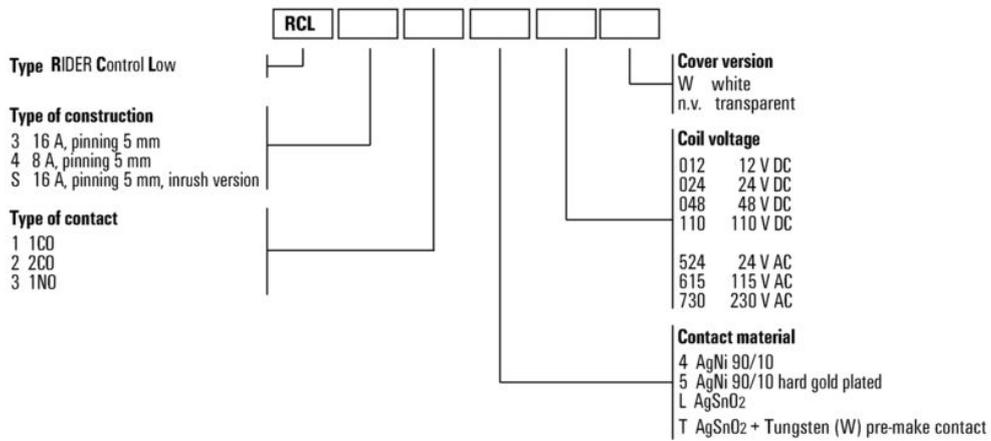
Graph



Electrical service life 250 V AC resistive load



Miscellaneous



Type codes

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Accessories

Screw connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 2CO EMPTY | Version |
| Order No. | 1124050000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4032248905874 | control voltage: 230 V AC \pm 10 %, Continuous current: 10 A, Screw |
| Qty. | 10 ST | connection |

Tension clamp connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VAC RC 2CO EMPTY | Version |
| Order No. | 1124180000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4032248906017 | control voltage: 230 V AC \pm 10 %, Continuous current: 10 A, Tension- |
| Qty. | 10 ST | clamp connection |

PUSH IN connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 2CO EMPTY | Version |
| Order No. | 2681190000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4050118695441 | control voltage: 230 V AC \pm 10 %, Continuous current: 10 A, PUSH IN |
| Qty. | 10 ST | |

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Accessories

Screw connection



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- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VUC 2CO EMPTY | Version | |
| Order No. | 1124030000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC \pm 10%, Continuous current: 10 A, Screw connection | |
| GTIN (EAN) | 4032248906222 | | |
| Qty. | 10 ST | | |

Tension clamp connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VUC 2CO EMPTY | Version | |
| Order No. | 1124150000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC \pm 10%, Continuous current: 10 A, Tension-clamp connection | |
| GTIN (EAN) | 4032248905867 | | |
| Qty. | 10 ST | | |

PUSH IN connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VUC 2CO EMPTY | Version | |
| Order No. | 2681020000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC \pm 10%, Continuous current: 10 A, PUSH IN | |
| GTIN (EAN) | 4050118695427 | | |
| Qty. | 10 ST | | |

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Accessories

Screw connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 120VAC RC 2CO EMPTY | Version |
| Order No. | 1124040000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4032248906178 | control voltage: 120 V AC \pm 10 %, Continuous current: 10 A, Screw |
| Qty. | 10 ST | connection |

Tension clamp connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 2CO EMPTY | Version |
| Order No. | 1124170000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4032248905904 | control voltage: 120 V AC \pm 10 %, Continuous current: 10 A, Tension- |
| Qty. | 10 ST | clamp connection |

PUSH IN connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 120VAC RC 2CO EMPTY | Version |
| Order No. | 2681030000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated |
| GTIN (EAN) | 4050118695434 | control voltage: 120 V AC \pm 10 %, Continuous current: 10 A, PUSH IN |
| Qty. | 10 ST | |

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Accessories

Screw connection



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- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 120VUC 2CO EMPTY | Version | |
| Order No. | 1124020000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC \pm 10 %, Continuous current: 10 A, Screw connection | |
| GTIN (EAN) | 4032248905812 | | |
| Qty. | 10 ST | | |

Tension clamp connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 120VUC 2CO EMPTY | Version | |
| Order No. | 1124140000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC \pm 10 %, Continuous current: 10 A, Tension-clamp connection | |
| GTIN (EAN) | 4032248905928 | | |
| Qty. | 10 ST | | |

PUSH IN connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 120VUC 2CO EMPTY | Version | |
| Order No. | 2681010000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC \pm 10 %, Continuous current: 10 A, PUSH IN | |
| GTIN (EAN) | 4050118695410 | | |
| Qty. | 10 ST | | |

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Counterpart

Screw connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VUC 2CO EMPTY | Version |
| Order No. | 1124030000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection |
| GTIN (EAN) | 4032248906222 | |
| Qty. | 10 ST | |
| Type | TRS 230VAC RC 2CO EMPTY | Version |
| Order No. | 1124050000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, Screw connection |
| GTIN (EAN) | 4032248905874 | |
| Qty. | 10 ST | |
| Type | TRS 120VUC 2CO EMPTY | Version |
| Order No. | 1124020000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection |
| GTIN (EAN) | 4032248905812 | |
| Qty. | 10 ST | |
| Type | TRS 120VAC RC 2CO EMPTY | Version |
| Order No. | 1124040000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V AC $\pm 10\%$, Continuous current: 10 A, Screw connection |
| GTIN (EAN) | 4032248906178 | |
| Qty. | 10 ST | |

Tension clamp connection



TERMSERIES empty sockets with:

- 2 CO contacts
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- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 2CO EMPTY | Version |
| Order No. | 1124170000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V AC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| GTIN (EAN) | 4032248905904 | |
| Qty. | 10 ST | |
| Type | TRZ 120VUC 2CO EMPTY | Version |
| Order No. | 1124140000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC $\pm 10\%$, Continuous current: 10 A, Tension-clamp connection |
| GTIN (EAN) | 4032248905928 | |
| Qty. | 10 ST | |

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Counterpart

| | | |
|------------|----------------------------|--|
| Type | TRZ 230VUC 2CO EMPTY | Version |
| Order No. | 1124150000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC ±10%, Continuous current: 10 A, Tension-clamp connection |
| GTIN (EAN) | 4032248905867 | |
| Qty. | 10 ST | |
| Type | TRZ 230VAC RC 2CO EMPTY | Version |
| Order No. | 1124180000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V AC ±10 %, Continuous current: 10 A, Tension-clamp connection |
| GTIN (EAN) | 4032248906017 | |
| Qty. | 10 ST | |

PUSH IN connection



TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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 230VUC 2CO EMPTY | Version |
| Order No. | 2681020000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V UC ±10%, Continuous current: 10 A, PUSH IN |
| GTIN (EAN) | 4050118695427 | |
| Qty. | 10 ST | |
| Type | TRP 230VAC RC 2CO EMPTY | Version |
| Order No. | 2681190000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V AC ±10 %, Continuous current: 10 A, PUSH IN |
| GTIN (EAN) | 4050118695441 | |
| Qty. | 10 ST | |
| Type | TRP 120VUC 2CO EMPTY | Version |
| Order No. | 2681010000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V UC ±10 %, Continuous current: 10 A, PUSH IN |
| GTIN (EAN) | 4050118695410 | |
| Qty. | 10 ST | |
| Type | TRP 120VAC RC 2CO EMPTY | Version |
| Order No. | 2681030000 | TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 120 V AC ±10 %, Continuous current: 10 A, PUSH IN |
| GTIN (EAN) | 4050118695434 | |
| Qty. | 10 ST | |