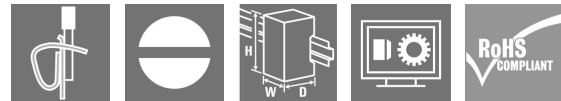
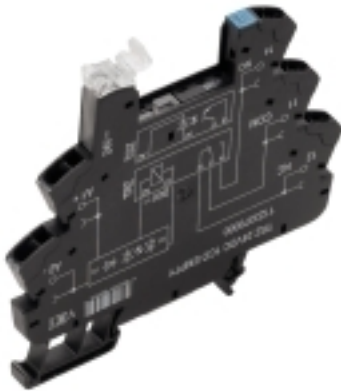


**TRZ 230VAC RC 1CO EMPTY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

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**

|            |                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated control voltage: 230 V AC $\pm 10\%$ , Continuous current: 10 A, Tension-clamp connection |
| Order No.  | <a href="#">1123440000</a>                                                                                                                                   |
| Type       | TRZ 230VAC RC 1CO EMPTY                                                                                                                                      |
| GTIN (EAN) | 4032248905171                                                                                                                                                |
| Qty.       | 10 pc(s).                                                                                                                                                    |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 87.8 mm | Depth (inches)  | 3.457 inch |
| Height     | 90.5 mm | Height (inches) | 3.563 inch |
| Width      | 6.4 mm  | Width (inches)  | 0.252 inch |
| Net weight | 23.6 g  |                 |            |

## Temperatures

|                     |                |                       |                |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C | Operating temperature | -40 °C...60 °C |
|---------------------|----------------|-----------------------|----------------|

## Rated data UL

|                                               |        |                                    |                                                      |
|-----------------------------------------------|--------|------------------------------------|------------------------------------------------------|
| Ambient temperature (operational), max. 60 °C |        | Connection cross-section AWG, min. | AWG 26                                               |
| Connection cross-section AWG, max.            |        | Type of conductor                  | rigid copper conductor,<br>flexible copper conductor |
|                                               | AWG 14 |                                    |                                                      |
| Pollution severity level                      | 2      | Certificate No. (cURus)            | E223759                                              |

## Control side

|                                                                                |                       |                                       |                      |
|--------------------------------------------------------------------------------|-----------------------|---------------------------------------|----------------------|
| Rated control voltage                                                          | 230 V AC $\pm$ 10 %   | Status indicator                      | Green LED            |
| Protective circuit                                                             | Rectifier, RC element | RC filter                             | 94 $\Omega$ / 100 nF |
| Coil voltage of the replacement relay deviating from the rated control voltage | Yes                   | Coil voltage of the replacement relay | 60 V DC              |

## Load side

|                         |              |                    |      |
|-------------------------|--------------|--------------------|------|
| Rated switching voltage | 250 V AC     | Continuous current | 10 A |
| Contact type            | 1 CO contact |                    |      |

## General data

|                                    |                                |                |  |
|------------------------------------|--------------------------------|----------------|--|
| Operating altitude                 | $\leq$ 2000 m, above sea level |                |  |
| Rail                               | TS 35                          |                |  |
| Colour                             | black                          |                |  |
| UL94 flammability rating component | Component                      | Housing        |  |
|                                    | UL94 flammability rating       | V-0            |  |
|                                    | Component                      | Retaining clip |  |
|                                    | UL94 flammability rating       | V-0            |  |

## Insulation coordination

|                                                  |                              |                                                               |                              |
|--------------------------------------------------|------------------------------|---------------------------------------------------------------|------------------------------|
| Rated voltage                                    | 300 V                        | Pollution severity                                            | 2                            |
| Surge voltage category                           | III                          | Clearance and creepage distances for control side - load side | $\geq$ 5.5 mm                |
| Dielectric strength for control side - load side | 4 kV <sub>eff</sub> / 1 Min. | Dielectric strength to mounting rail                          | 4 kV <sub>eff</sub> / 1 Min. |
| Impulse withstand voltage                        | 6 kV (1.2/50 $\mu$ s)        | Protection degree                                             | IP20                         |

## Further details of approvals / standards

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E223759 |
|-------------------------|---------|

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## Technical data

## Connection data

|                                                                                         |                          |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|----------------------|
| Wire connection method                                                                  | Tension-clamp connection | Stripping length, rated connection                                                      | 8 mm                 |
| Clamping range, rated connection                                                        | 1.5 mm <sup>2</sup>      | Clamping range, min.                                                                    | 0.14 mm <sup>2</sup> |
| Clamping range, max.                                                                    | 2.5 mm <sup>2</sup>      | Wire connection cross section AWG, min.                                                 | AWG 26               |
| Wire connection cross section AWG, max.                                                 | AWG 14                   | Wire cross-section, solid, min.                                                         | 0.14 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 2.5 mm <sup>2</sup>      | Wire cross-section, solid, min. (AWG)                                                   | AWG 26               |
| Wire cross-section, solid, max. (AWG)                                                   | AWG 14                   | Wire connection cross section, finely stranded, min.                                    | 0.14 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>      | Wire cross-section, finely stranded, min. (AWG)                                         | AWG 26               |
| Wire cross-section, finely stranded, max. (AWG)                                         | AWG 14                   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.14 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm <sup>2</sup>      | Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.14 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 1.5 mm <sup>2</sup>      | Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  |
| Twin wire-end ferrules, max.                                                            | 1 mm <sup>2</sup>        | Blade size                                                                              | 0.6 x 3.5 mm         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001456    | ETIM 7.0    | EC001456    |
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ECLASS 9.0  | 27-37-16-03 | ECLASS 9.1  | 27-37-16-03 |
| ECLASS 10.0 | 27-37-16-03 | ECLASS 11.0 | 27-37-16-03 |
| ECLASS 12.0 | 27-37-16-03 | ECLASS 13.0 | 27-37-16-03 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 9e2cbc49-76d9-4611-b8ec-5b4f549a0aa9 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E223759    |

## Downloads

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                         |
| User Documentation                          | <a href="#">Beipackzettel / Package Insert – multilingual</a>           |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |
| Brochures                                   |                                                                         |

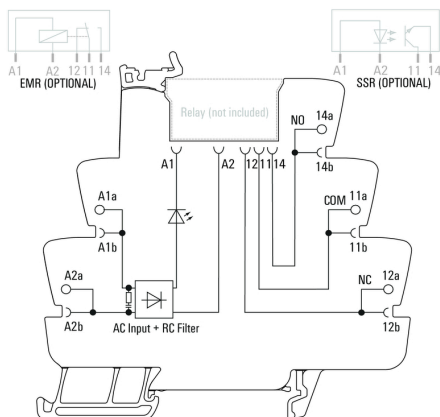
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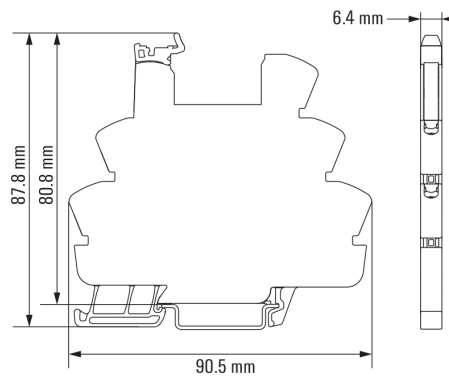
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# Drawings

## Wiring diagram



## Dimensional drawing



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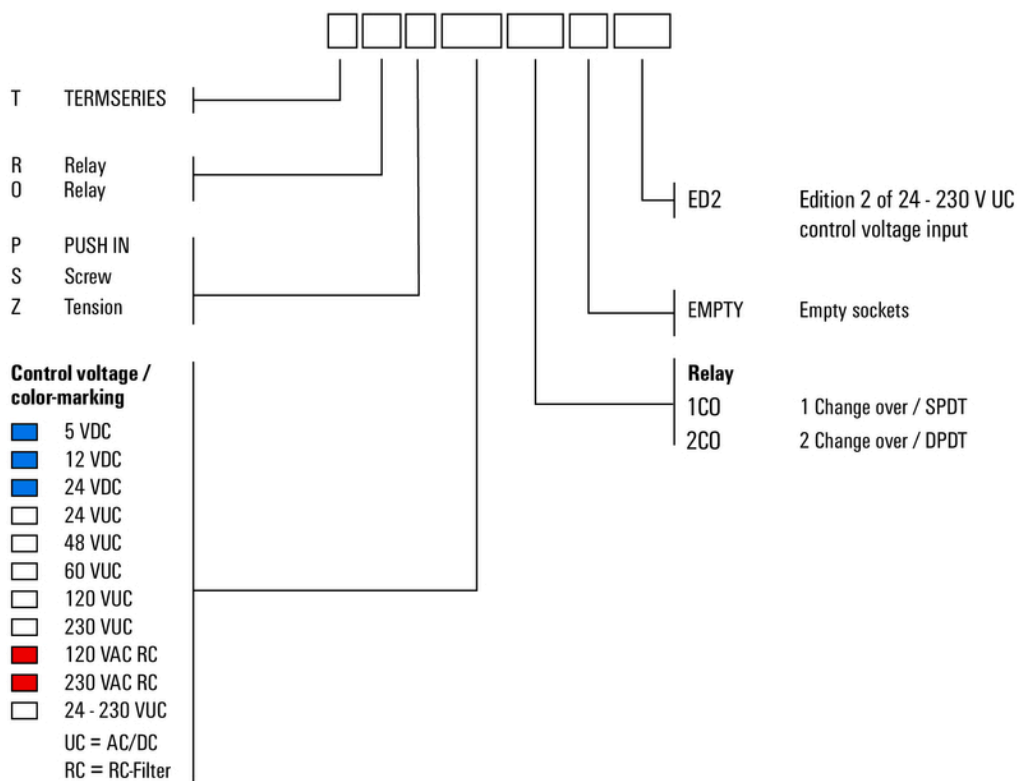
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## Drawings

### Miscellaneous

### Type code TERMSERIES empty sockets



Type codes