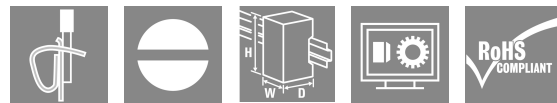
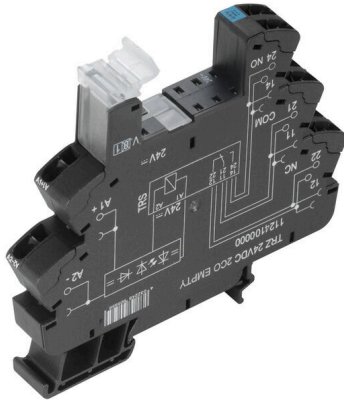


**TOZ 24-230VUC EMPTY****Weidmüller Interface GmbH & Co. KG**

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 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**

|                     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version             | TERMSERIES, Relay socket, Rated control voltage: 24...230 V UC $\pm 10\%$ , Rated switching voltage: 230 V AC, Continuous current: 16 A, Tension-clamp connection |
| Order No.           | <a href="#">1127750000</a>                                                                                                                                        |
| Type                | TOZ 24-230VUC EMPTY                                                                                                                                               |
| GTIN (EAN)          | 4032248909223                                                                                                                                                     |
| Qty.                | 10 items                                                                                                                                                          |
| Delivery status     | This article will no longer be available in the future.                                                                                                           |
| Last order date     | 2026-03-30T00:00:00+02:00                                                                                                                                         |
| Alternative product | <a href="#">TOP 24-230VUC EMPTY ED2</a>                                                                                                                           |

## TOZ 24-230VUC EMPTY

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E223759

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 87.8 mm | Depth (inches)  | 3.4567 inch |
| Height     | 90.5 mm | Height (inches) | 3.563 inch  |
| Width      | 12.8 mm | Width (inches)  | 0.5039 inch |
| Net weight | 38.28 g |                 |             |

## Temperatures

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

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 9e2cbc49-76d9-4611-b8ec-5b4f549a0aa9 |

## Rated data UL

|                                                                     |                                    |              |
|---------------------------------------------------------------------|------------------------------------|--------------|
| Ambient temperature (operational), max. 40 °C                       | Output current derating (ohmic)    | 16 A @ 40 °C |
| Connection cross-section AWG, min. AWG 26                           | Connection cross-section AWG, max. | AWG 14       |
| Type of conductor rigid copper conductor, flexible copper conductor | Pollution severity level           | 2            |
| Certificate No. (cURus) E223759                                     |                                    |              |

## Control side

|                                       |                     |                                                                                |           |
|---------------------------------------|---------------------|--------------------------------------------------------------------------------|-----------|
| Rated control voltage                 | 24...230 V UC ±10 % | Status indicator                                                               | Green LED |
| Protective circuit                    | Rectifier           | Coil voltage of the replacement relay deviating from the rated control voltage | Yes       |
| Coil voltage of the replacement relay | 24 V DC             |                                                                                |           |

## Load side

|                         |              |                    |      |
|-------------------------|--------------|--------------------|------|
| Rated switching voltage | 230 V AC     | Continuous current | 16 A |
| Contact type            | 1 CO contact |                    |      |

## General data

|                                    |                          |                |
|------------------------------------|--------------------------|----------------|
| Mounting rail                      | TS 35                    |                |
| Colour                             | black                    |                |
| UL94 flammability rating component | Component                | Housing        |
|                                    | UL94 flammability rating | V-0            |
|                                    | Component                | Retaining clip |
|                                    | UL94 flammability rating | V-0            |

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## Technical data

## Insulation coordination

|                           |                  |                                      |                  |
|---------------------------|------------------|--------------------------------------|------------------|
| Rated voltage             | 300 V            | Pollution severity                   | 2                |
| Surge voltage category    | III              | Dielectric strength to mounting rail | 4 kVeff / 1 Min. |
| Impulse withstand voltage | 6 kV (1.2/50 µs) | Protection degree                    | IP20             |

## Further details of approvals / standards

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

## 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         |
| Pitch in mm (P)                                                                         | 5.00 mm                  |                                                                                         |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001456    | ETIM 9.0    | EC001456    |
| ETIM 10.0   | EC001456    | ECLASS 14.0 | 27-37-16-03 |
| ECLASS 15.0 | 27-37-16-03 |             |             |

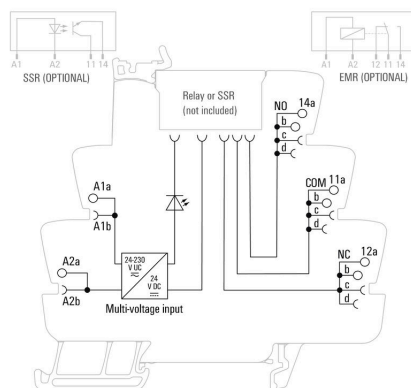
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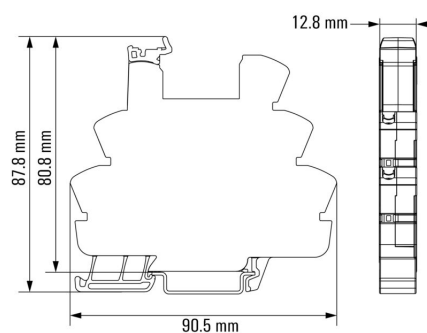
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## Drawings

### Wiring diagram



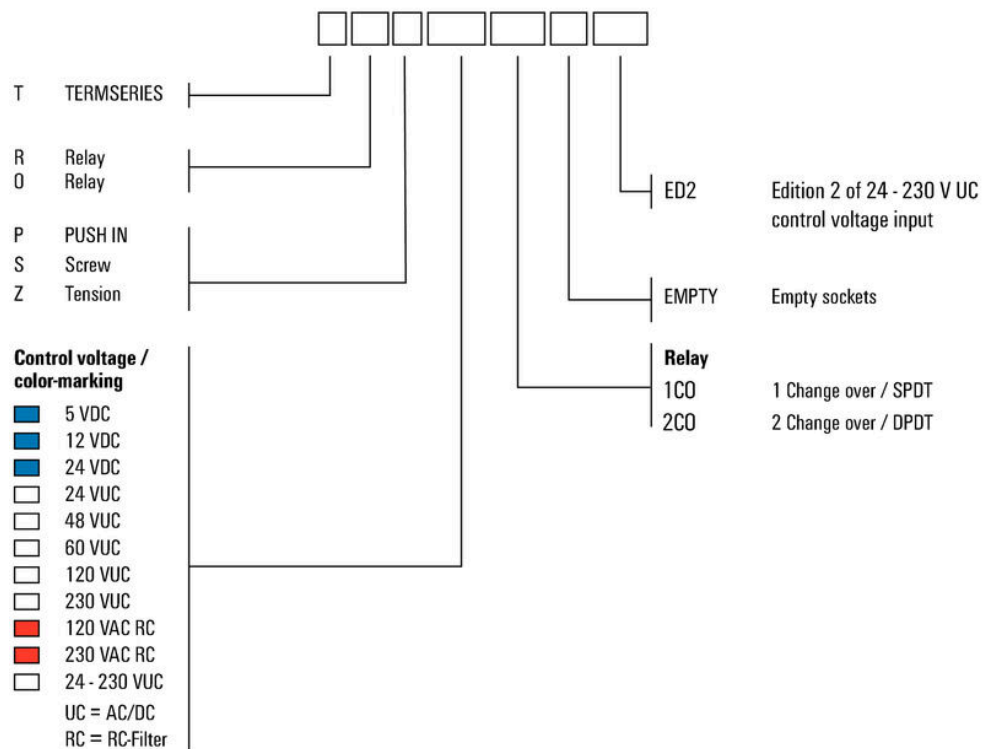
### Dimensional drawing



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**Drawings**
**Miscellaneous**
**Type code TERMSERIES empty sockets**


Type codes