# TMD 15/12

VN312500






Safety transformer for intermittent use, suitable for DIN rail mounting (2 modules), part of the updated range featuring a new modular housing, with a primary voltage of 230 VAC and a secondary voltage of 4-8-12 VAC, rated at 15 VA.

## General features

- Isolation transformers with primary and secondary windings electrically separated by double insulation, which limit damage in the supplied circuit from accidental contact with live parts or exposed conductive parts in case of insulation failure.
- Fail-safe isolation transformers. An overload or short-circuit condition may damage the device but does not create a hazardous condition for users or adjacent parts.
- Double insulation
- For safety, extra-low voltage isolation power supply (SELV)

## Technical specifications

| | |
|---|---|
| **Power supply** | |
| Power supply | 230 Vac (-10% ÷ +10%) |
| Frequency | 50 / 60 Hz |
| **Functional characteristics** | |
| Primary voltage | 230 Vac |
| Secondary voltage | 4-8-12 Vac |
| Note Secondary voltage | The secondary voltage, at no load and in the case of high-impedance loads, is higher than the nominal values (max 32 V) |
| Output power | 15 VA |
| **Operating conditions** | |
| Operating temperature range | 40 (maximum ambient temperature) °C |
| Insulation class | II |
| **Terminations** | |
| Maximum cable cross-section | 4 mm² |
| **Overall dimensions** | |
| Height (A) | 87 mm |
| Width (B) | 36 mm |
| Depth (C) | 65 mm |

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.



Revision date: 2026-06-03

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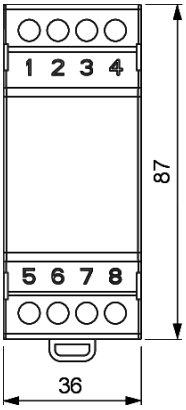
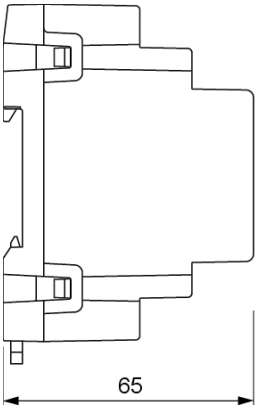
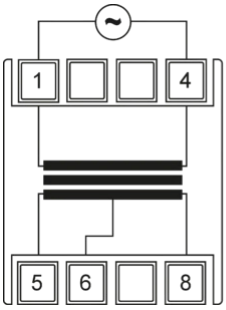
## Dimensions




## Wiring diagram




## Product variants

### TMD 10/12

VN310900

DIN-rail mounted 2-module transformer for intermittent duty, with 230 Vac primary voltage and 4–8–12 Vac secondary voltage, 10 VA

### TMD 10/24

VN311700

DIN-rail mounted 2-module transformer for intermittent duty, with 230 Vac primary voltage and 12–24 Vac secondary voltage, 10 VA

### TMD 15/24

VN313300

DIN-rail mounted 2-module transformer for intermittent duty, with 230 Vac primary voltage and 12–24 Vac secondary voltage, 15 VA

## Reference standards

Compliance with Community Directives:

**• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)**

is declared with reference to the following Standards:

**• EN IEC 61558-1 • EN IEC 61000-6-2 • EN IEC 61000-6-3 • EN IEC 63000**

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