TMC 10/12

VN314100



Safety transformer with double insulation and continuous-duty rating, designed for DIN rail mounting (2 modules), part of the updated range featuring a new modular enclosure, with a primary voltage of 230 VAC and a secondary voltage of 4-8-12 VAC, rated at 10 VA.

General features

- Isolation transformer with primary and secondary windings electrically separated by double insulation, limiting damage in the powered circuit caused by accidental contact with live parts or exposed conductive parts in case of insulation failure.
- Intended for supplying safety extra-low voltage equipment and circuits (SELV-type systems)
- Failure test: the overload or short-circuit condition may damage the device but does not create a hazard for users or adjacent parts
- Wiring diagram shown directly on the product
- Dielectric strength and compliance testing performed on device (3.75 kV)

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
Output power	10 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.

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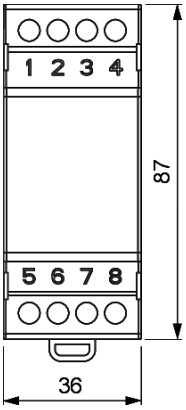
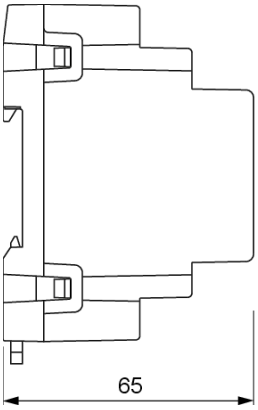
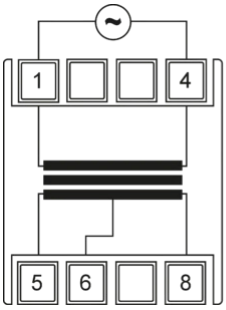
Dimensions





Wiring diagram



Product variants

TMC 10/24

VN315800

2-DIN-module continuous-duty transformer, 230 VAC primary and 12–24 VAC secondary, 10 VA

TMC 15/12

VN316600

2-DIN-module continuous-duty transformer, 230 VAC primary and 4-8-12 VAC secondary, 15 VA

TMC 15/24

VN317400

2-DIN-module continuous-duty transformer, 230 VAC primary and 12–24 VAC secondary, 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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