



Automatización Eléctrica

Especialistas en Automatización

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Safety isolating transformer

VCN 12/2/12



Picture shows VCN 16/2/18

Advantages

Minimum size at high output

Also with double output voltage for series or parallel connection

Designed for high ambient temperatures

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

Coil shell in 2-chamber technology

Self-extinguishing potting material

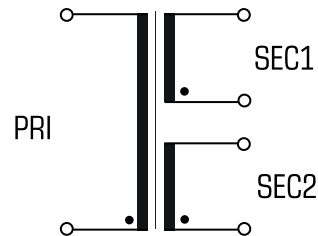
Additional mounting option with tabs on the housing (from 28 VA)

Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

Sample application



Standards



Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



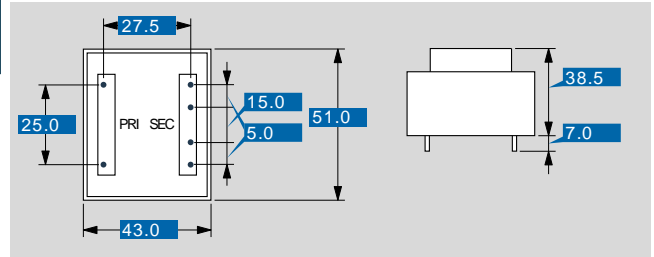


Safety isolating transformer

VCN 12/2/12

| Type | | VCN 12/2/12 |
|----------------------------|---------------------------------|-------------|
| Electrical data | Input | |
| | Rated input voltage | 230 Vac |
| | Rated frequency | 50 - 60 Hz |
| | Output | |
| | Rated output voltage | 12.0 Vac |
| | Rated Power | 12.0 VA |
| | No-load voltage (app. x factor) | 1.25 |
| | No-load loss (typ.) | 2.10 W |
| | Efficiency | 72 % |
| | Standards | |
| Classification | Safety isolating transformer | |
| Approvals | | |
| Approvals | cURus, ENEC 10 (VDE) | |
| Environment | | |
| Ambient temperature max. | 70 °C | |
| Safety and protection | | |
| Type | Encapsulated | |
| Class of Insulation System | B | |
| Protection index | IP 00 | |
| Safety class (prepared) | II | |
| Short circuit strength | non-short-circuit proof | |
| Order numbers | | |
| Order Number | VCN 12/2/12 | |

| Type | | VCN 12/2/12 |
|-----------------|-----------------------|---------------------------------|
| Mechanical data | Terminal and mounting | |
| | Terminals | Pins for printed circuit boards |
| Mechanical data | Measures and weights | |
| | Pin (ø) | 0.8 mm |
| | Core type | EI 48/20,5 |
| | Weight | 0.34 kg |



Subjects to change.



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| Product | Code | Reference | Product link |
|--|----------|----------------|----------------------------|
| PCB transformer encapsulated, PRI 230 Vac, SEC 3.2 - 16 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac | VCN12212 | VCN 12/2/12 | Buy on EAN |