



Automatzación Eléctrica

Especialistas en Automatzación

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Safety isolating transformer

VCN 4,5/1/24



Picture shows VCN 16/2/18

Advantages

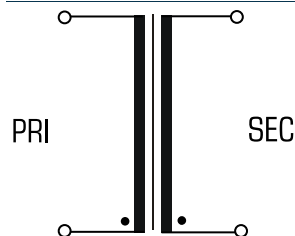
- Minimum size at high output
- Also with double output voltage for series or parallel connection
- Designed for high ambient temperatures
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Coil shell in 2-chamber technology
- 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





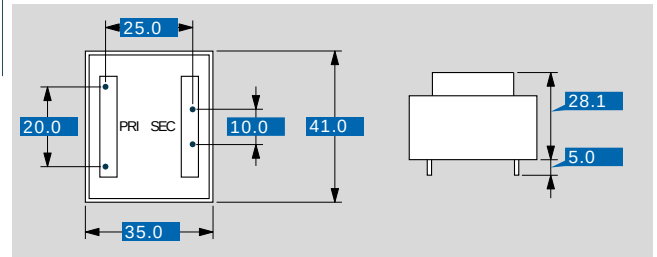
Safety isolating transformer VCN 4,5/1/24

Electrical data

Type	VCN 4,5/1/24
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	24.0 Vac
Rated Power	4.5 VA
No-load voltage (app. x factor)	1.53
No-load loss (typ.)	1.50 W
Efficiency	59 %
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 4,5/1/24

Mechanical data

Type	VCN 4,5/1/24
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 38/13,6
Weight	0.13 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	VCN45124	VCN 4,5/1/24	Buy on EAN