



**Automatización Eléctrica**

Especialistas en Automatización

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# Safety isolating transformer

## VCN 10/1/6



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

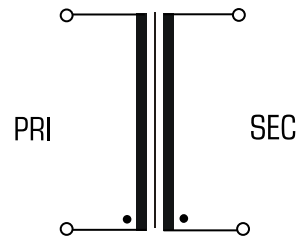
Additional mounting option with tabs on the housing (from 28 VA)

## 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



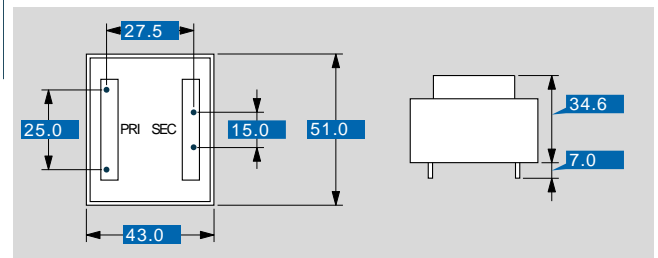


# Safety isolating transformer

## VCN 10/1/6

Type		VCN 10/1/6
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	6.0 Vac
	Rated Power	10.0 VA
	No-load voltage (app. x factor)	1.34
	No-load loss (typ.)	1.50 W
	Efficiency	70 %
	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		
<b>Order Number</b>	<b>VCN 10/1/6</b>	

Type		VCN 10/1/6
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
30	Measures and weights	
	Pin (ø)	0.8 mm
	Core type	EI 48/16,8
	Weight	0.29 kg



Subjects to change.



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<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
PCB transformer encapsulated, PRI 230 Vac, SEC 3.2 - 16 VA, 6 - 24 Vac, 2 x 6 - 2 x 24 Vac	VCN1016	VCN 10/1/6	<a href="#">Buy on EAN</a>