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# Safety isolating transformer

## VCN-A 10/1/7,5



Picture shows VCN 16/2/18

## Advantages

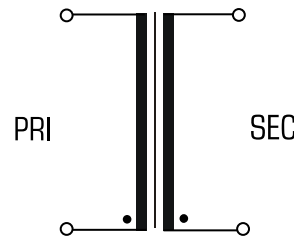
- Minimum size at high output
- Also with double output voltage for series or parallel connection
- Designed for high ambient temperatures
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Coil shell in 2-chamber technology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



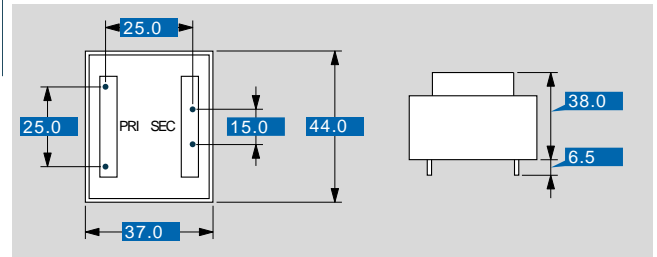


# Safety isolating transformer

## VCN-A 10/1/7,5

Type		VCN-A 10/1/7,5
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	7.5 Vac
	Rated Power	10.0 VA
	No-load voltage (app. x factor)	1.35
	No-load loss (typ.)	2.50 W
	Efficiency	66 %
	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-A 10/1/7,5</b>	

Type		VCN-A 10/1/7,5
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
Mechanical data	Measures and weights	
	Pin (ø)	0.8 mm
	Core type	EI 42/20,5
	Weight	0.26 kg



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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	VCNA10175	VCN-A 10/1/7,5	<a href="#">Buy on EAN</a>