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# Safety isolating transformer

## VCN 33/1/9



Picture shows VCN 16/2/18

## Advantages

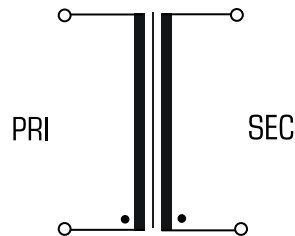
Minimum size at high output
Also with double output voltage for series or parallel connection
Designed for high ambient temperatures
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
Coil shell in 2-chamber technology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

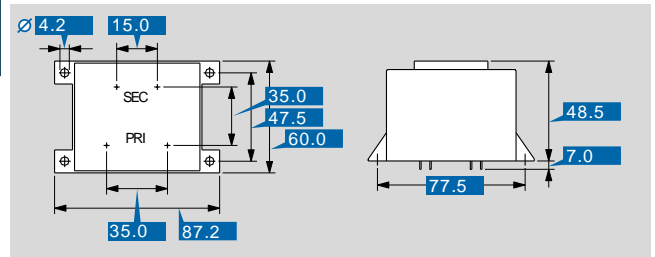




# Safety isolating transformer VCN 33/1/9

Type		VCN 33/1/9
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	9.0 Vac
	Rated Power	33.0 VA
	No-load voltage (app. x factor)	1.19
	No-load loss (typ.)	3.50 W
	Efficiency	81 %
	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 33/1/9</b>	

Type		VCN 33/1/9
Terminal and mounting	Terminals	Pins for printed circuit boards
	Measures and weights	
Mechanical data	Pin (ø)	0.8 mm
	Core type	EI 66/23
	Weight	0.77 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	VCN3319	VCN 33/1/9	<a href="#">Buy on EAN</a>