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# Safety isolating transformer VCN 28/1/7,5



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

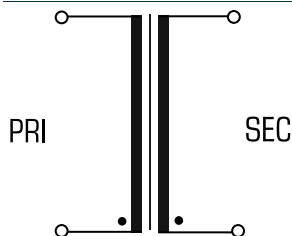
Additional mounting option with tabs on the housing (from 28 VA)

## 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

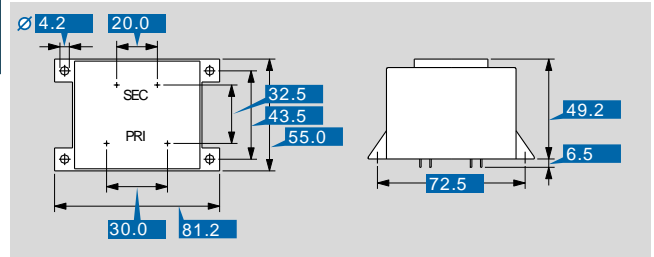




# Safety isolating transformer VCN 28/1/7,5

Electrical data	
<b>Type</b> VCN 28/1/7,5	
<b>Input</b>	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	7.5 Vac
Rated Power	28.0 VA
No-load voltage (app. x factor)	1.20
No-load loss (typ.)	3.00 W
Efficiency	80 %
<b>Standards</b>	
Classification	Safety isolating transformer
<b>Approvals</b>	
Approvals	cURus, ENEC 10 (VDE)
<b>Environment</b>	
Ambient temperature max.	70 °C
<b>Safety and protection</b>	
Type	Encapsulated
Class of Insulation System	B
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
<b>Order numbers</b>	
<b>Order Number</b>	<b>VCN 28/1/7,5</b>

Mechanical data	
<b>Type</b> VCN 28/1/7,5	
<b>Terminal and mounting</b>	
Terminals	Pins for printed circuit boards
<b>Measures and weights</b>	
Pin (ø)	0.8 mm
Core type	EI 60/25,5
Weight	0.68 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	VCN28175	VCN 28/1/7,5	<a href="#">Buy on EAN</a>