



**Automatización Eléctrica**

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

# Safety isolating transformer

## VCN 6/2/7,5



Picture shows VCN 16/2/18

## Advantages

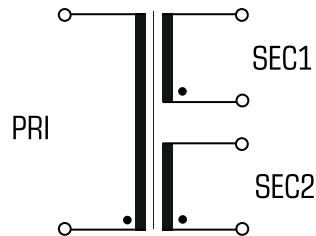
Minimum size at high output
Also with double output voltage for series or parallel connection
Designed for high ambient temperatures
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
Coil shell in 2-chamber technology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



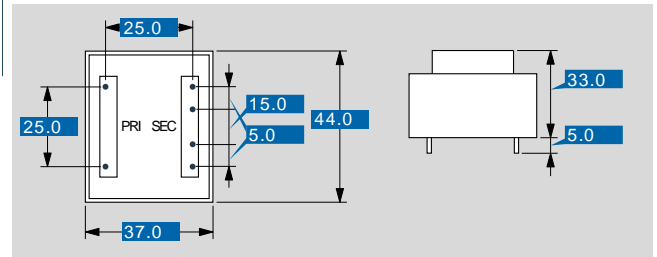


# Safety isolating transformer

## VCN 6/2/7,5

Electrical data	
<b>Type</b> VCN 6/2/7,5	
<b>Input</b>	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	7.5 Vac
Rated Power	6.0 VA
No-load voltage (app. x factor)	1.46
No-load loss (typ.)	2.00 W
Efficiency	63 %
<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 6/2/7,5</b>

Mechanical data	
<b>Type</b> VCN 6/2/7,5	
<b>Terminal and mounting</b>	
Terminals	Pins for printed circuit boards
<b>Measures and weights</b>	
Pin (ø)	0.8 mm
Core type	EI 42/14,8
Weight	0.15 kg



Subjects to change.



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button](#).

<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	VCN6275	VCN 6/2/7,5	<a href="#">Buy on EAN</a>