

# Safety isolating transformer

## VC 5,0/2/9



Picture shows VC 16/2/18

## Advantages

Minimum size at high output

Also with dual output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

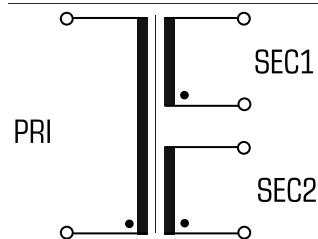
Self-extinguishing potting material

## Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a safety 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



VDE, UL 5085-1/-2, CSA 22.2 No.66

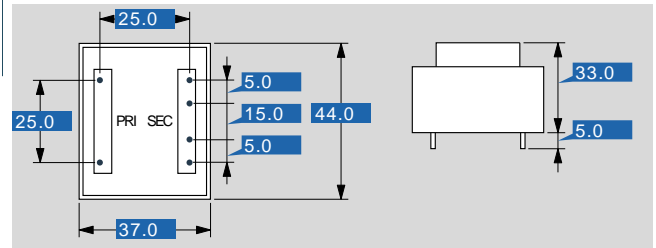


# Safety isolating transformer

## VC 5,0/2/9

Electrical data		Type	VC 5,0/2/9
<b>Input</b>			
Rated input voltage			230 Vac
Rated frequency			50 - 60 Hz
<b>Output</b>			
Rated output voltage			2 x 9 Vac
Rated Power			5 VA
No-load voltage (app. x factor)			1.25
No-load loss (typ.)			1.50 W
Efficiency			68.0 %
<b>Standards</b>			
Classification			Safety isolating transformer
<b>Approvals</b>			
Approvals			cURus, VDE
<b>Environment</b>			
Ambient temperature max.			50 °C
<b>Safety and protection</b>			
Type			Encapsulated
Insulation class			VDE=B, UL=class 105
Protection index			IP 00
Safety class (prepared)			II
Short circuit strength			non-short-circuit proof
<b>Order numbers</b>			
<b>Order Number</b>			<b>VC 5,0/2/9</b>

Mechanical data		Type	VC 5,0/2/9
<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			0.19 kg



Subject to change.