

# Safety isolating transformer

## VC 16/1/12



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

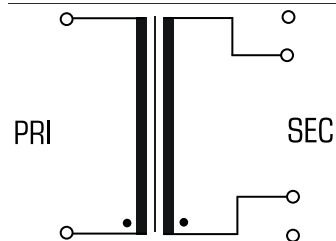
Self-extinguishing potting material

## 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

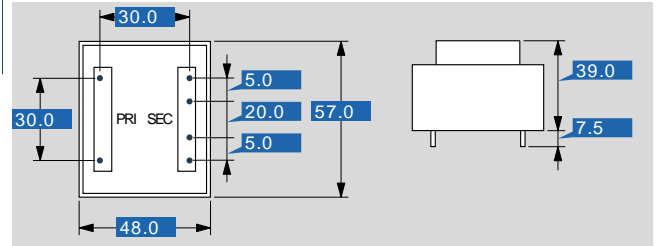


# Safety isolating transformer

## VC 16/1/12

Electrical data	
Type	VC 16/1/12
<b>Input</b>	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	12 Vac
Rated Power	16 VA
No-load voltage (app. x factor)	1.24
No-load loss (typ.)	1.80 W
Efficiency	76.0 %
<b>Standards</b>	
Classification	Safety isolating transformer
<b>Approvals</b>	
Approvals	cURus, VDE
<b>Environment</b>	
Ambient temperature max.	40 °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 16/1/12</b>

Mechanical data	
Type	VC 16/1/12
<b>Terminal and mounting</b>	
Terminals	Pins for printed circuit boards
<b>Measures and weights</b>	
Pin (ø)	0.8 mm
Core type	EI 54/18,8
Weight	0.42 kg



Subject to change.