

# Safety isolating transformer

## VC 5,0/1/12



Picture shows VC 16/2/18

## Advantages

Minimum size at high output

Dual output voltage for series or parallel connection

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

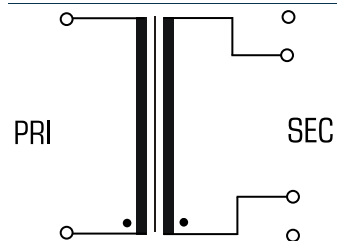
Self-extinguishing potting material

## 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 5,0/1/12

Electrical data		Type	VC 5,0/1/12
Input			
Rated input voltage			230 Vac
Rated frequency			50 - 60 Hz
Output			
Rated output voltage			12 Vac
Power			5 VA
No-load voltage (app. x factor)			1.25
No-load loss (typ.)			1.5 W
Efficiency			68 %
Standards			
Classification			Safety isolating transformer
Approvals			
Approvals			cURus, VDE
Environment			
Ambient temperature max.			122.0 °F
Safety and protection			
Type			Encapsulated
Insulation class			VDE=B, UL=class 105
Protection index			IP 00
Safety class (prepared)			II
Short circuit strength			non-short-circuit proof
Order numbers			
<b>Order Number</b>			<b>VC 5,0/1/12</b>

Mechanical data		Type	VC 5,0/1/12
Terminal and mounting			
Terminals			Pins for printed circuit boards
Measures and weights			
Pin (ø)			0.031 inch
Core type			EI 42/14,8
Weight			0.42 lbs

