

# Safety isolating transformer

## VC 10/1/12



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

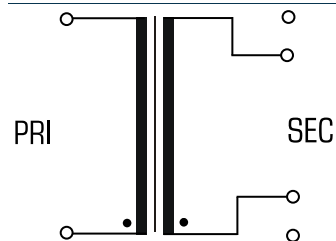
Self-extinguishing potting material

## 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



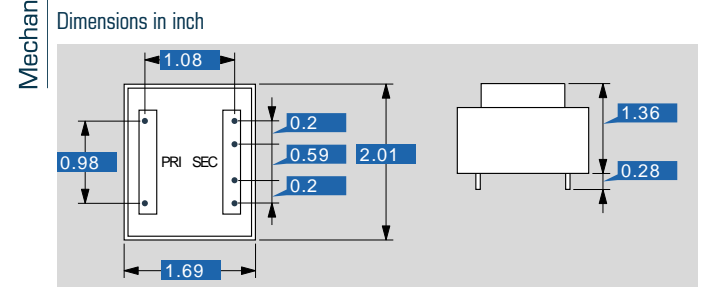
VDE, UL 5085-1/-2, CSA 22.2 No.66



# Safety isolating transformer VC 10/1/12

Type		VC 10/1/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	12 Vac
	Power	10 VA
	No-load voltage (app. x factor)	1.25
	No-load loss (typ.)	1.6 W
	Efficiency	74 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
Approvals	cURus, VDE	
Environment		
Ambient temperature max.	104.0 °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 10/1/12</b>	

Type		VC 10/1/12
Terminal and mounting		
Terminals		Pins for printed circuit boards
Measures and weights		
Pin (ø)		0.031 inch
Core type		EI 48/16,8
Weight		0.62 lbs



Subject to change.