

# Safety isolating transformer

## VB 0,5/2/12



Picture shows VB 2,0/2/6

## Advantages

- Minimum size at high output
- Inherently short-circuit proof
- Also with dual 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
- Self-extinguishing potting material

## 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



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

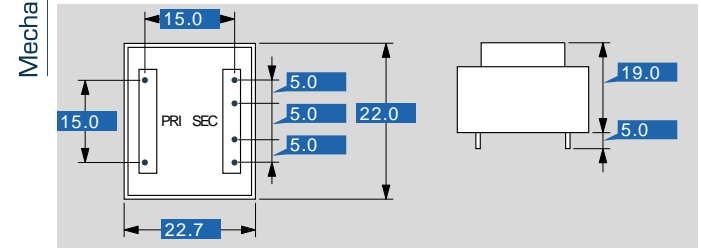


# Safety isolating transformer

## VB 0,5/2/12

Type		VB 0,5/2/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	0.5 VA
	No-load voltage (app. x factor)	1.80
	No-load loss (typ.)	1.10 W
	Efficiency	40.0 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, VDE
	Environment	
	Ambient temperature max.	70 °C
Safety and protection		
Type	Encapsulated	
Insulation class	VDE=B, UL=class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	inherently short-circuit proof	
Order numbers		
<b>Order Number</b>	<b>VB 0,5/2/12</b>	

Type		VB 0,5/2/12
Terminal and mounting	Terminals	Pins for printed circuit boards
Measures and weights	Pin (ø)	0.6 mm
	Core type	EE 20/10,5
	Weight	0.04 kg



Subject to change.