

# Advantages

Minimum size at high output

Inherently short-circuit proof

Dual output voltage for series or parallel connection

Designed for high ambient temperatures

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

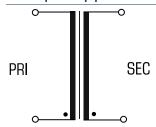
Self-extinguishing potting material

# **Applications**

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

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 3,2/1/12**

	Туре	VB 3,2/1/12		Туре	VB 3,2/1/12
Electrical data +	Input		<b></b>	Terminal and mounting Terminals	
	Rated input voltage	230 Vac		Terminals	Pins for printed circuit boards
	Rated frequency	50 - 60 Hz		Measures and weights	
	Output			Pin (ø)	0.031 inch
	Rated output voltage	12 Vac	8	Core type	El 38/16,5
	Power	3.2 VA	<u> </u>	Weight	0.37 lbs
	No-load voltage (app. x factor)	1.70	Mech		
	No-load loss (typ.)	0.8 W		Dimensions in inch	
	Efficiency	53 %		<b>⊲</b> 0.98 ►	
	Standards			0.39 0.79 PRI SEC 1.61	
	Classification	Safety isolating transformer			
	Approvals				
	Approvals	cURus, VDE			
	Environment			0.2	
	Ambient temperature max.	122.0 °F		1.38	
	Safety and protection				
	Туре	Encapsulated			
	Insulation class	VDE=B, UL=class 105			
	Protection index	IP 00			
	Safety class (prepared)	ll .			
	Short circuit strength	inherently short-circuit proof			
	Order numbers				
	Order Number	VB 3,2/1/12			