Safety isolating transformer **VB 1,2/1/12**



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

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

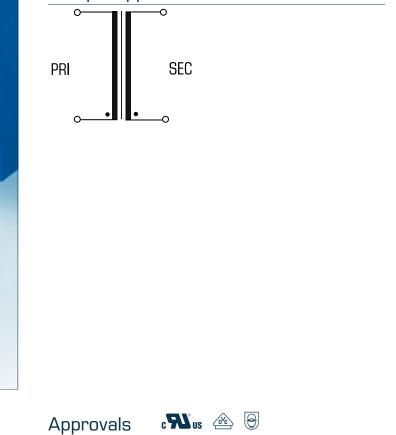
Self-extinguishing potting material

Applications

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



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





Safety isolating transformer **VB 1,2/1/12**

Туре	VB 1,2/1/12	Туре	VB 1,2/1/12	
Input		I ype Terminal and mounting Terminals		
Rated input voltage	230 Vac	Terminals	Pins for printed circuit boards	
Rated frequency	50 - 60 Hz	Measures and weights		
Output			0.031 inch	
Rated output voltage	12 Vac	Core type	EI 30/12,5	
Power	1.2 VA	TO Weight	0.18 lbs	
No-load voltage (app. x factor)	1.35	.e		
No-load loss (typ.)	1 W	Dimensions in inch	Dimensions in inch	
Efficiency	57 %			
Standards		Pin (a) Core type Weight Dimensions in inch		
Classification	Safety isolating transformer			
Approvals		▲ •	0.94	
Approvals	cURus, VDE	0.79 PRI SEC	1.27	
Environment			•	
Ambient temperature max.	158.0 °F			
Safety and protection				
Туре	Encapsulated	4 _1.07		
Insulation class	VDE=B, UL=class 105			
Protection index	IP 00			
Safety class (prepared)	Ш			
Short circuit strength	inherently short-circuit proof			
Order numbers				
Order Number	VB 1,2/1/12			

