

### 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

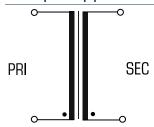
Self-extinguishing potting material

## **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 0,5/1/24**

Туре	VB 0,5/1/24	Туре	VB 0,5/1/24	
√ Input		Terminal and mounting		
Rated input voltage	230 Vac	Terminal and mounting Terminals	Pins for printed circuit boards	
Rated frequency	50 - 60 Hz	Measures and weights		
Output Rated output voltage		Pin (ø) Core type	0.024 inch	
Rated output voltage	24 Vac	Core type	EE 20/10,5	
Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency	0.5 VA	Weight Dimensions in inch	0.09 lbs	
No-load voltage (app. x factor)	1.80	[ ]		
No-load loss (typ.)	1.1 W	Dimensions in inch	Dimensions in inch	
Efficiency	40 %	0.59 ►		
Standards		Ž		
Classification	Safety isolating transformer		<b>↑</b>	
Approvals		<b>A</b>     •     1	0.75	
Approvals	cURus, VDE	0.59 PRI SEC	0.87	
Environment		0.59   FN GLC	0.2	
Ambient temperature max.	158.0 °F	<b>▼</b>	†   " " <del>   </del>	
Safety and protection			<u> </u>	
Туре	Encapsulated	0.90		
Insulation class	VDE=B, UL=class 105	0.89	4	
Protection index	IP 00			
Safety class (prepared)	II			
Short circuit strength	inherently short-circuit proof			
Order numbers				
Order Number	VB 0,5/1/24			