Safety isolating transformer **VB 0,5/1/9**



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

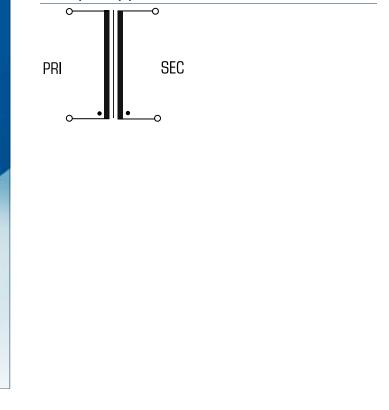
Self-extinguishing potting material

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



Approvals

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





Safety isolating transformer **VB 0,5/1/9**

Туре	VB 0,5/1/9	Туре	VB 0,5/1/9
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		Pin (a) Core type	0.024 inch
Rated output voltage	9 Vac	Core type	EE 20/10,5
Power	0.5 VA	TO Weight	0.09 lbs
No-load voltage (app. x factor)	1.80	Weight Dimensions in inch	
No-load loss (typ.)	1.1 W	Dimensions in inch	
Efficiency	40 %		
Standards		\leq	
Classification	Safety isolating transformer		
Approvals			0.75
Approvals	cURus, VDE	• • • • • • • • • • • • • • • • • • • •	
Environment		0.59 PRI SEC	0.2
Ambient temperature max.	158.0 °F	¥	
Safety and protection			'
Туре	Encapsulated		
Insulation class	VDE=B, UL=class 105	 ■ 0.89 	1
Protection index	IP 00		
Safety class (prepared)	II		
Short circuit strength	inherently short-circuit proof		
Order numbers			
Order Number	VB 0,5/1/9		

