

Safety isolating transformer VB 2,8/1/9



Picture shows VB 2,0/2/6

Advantages

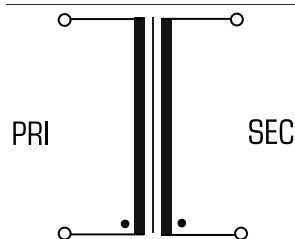
Minimum size at high output
Inherently short-circuit proof
Dual output voltage for series or parallel connection
Designed for high ambient temperatures
Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
Self-extinguishing 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



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 2,8/1/9

Electrical data	Type	VB 2,8/1/9
	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	9 Vac
	Power	2.8 VA
	No-load voltage (app. x factor)	1.81
	No-load loss (typ.)	1.4 W
	Efficiency	57 %
Standards	Classification	Safety isolating transformer
	Approvals	
Approvals	Approvals	cURus, VDE
	Environment	
Safety and protection	Ambient temperature max.	158.0 °F
	Safety and protection	
Type	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		
Order Number		VB 2,8/1/9

Type	VB 2,8/1/9
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Pin (ø)	0.031 inch
Core type	EI 30/23,0
Weight	0.31 lbs

