

Mains transformer VB 1,0/2/24



Picture shows VB 2,0/2/6

Advantages

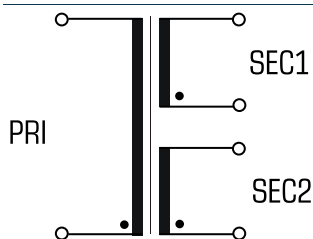
Minimum size at high output
Inherently short-circuit proof
Also with dual output voltage for series or parallel connection
Designed for high ambient temperatures
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
Self-extinguishing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

Mains transformer
to: VDE 0570 Teil 2-1, DIN EN 61558-2-1, EN 61558-2-1, IEC 61558-2-1, UL 5085-1/-2, CSA 22.2 No.66

Approvals



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



Mains transformer VB 1,0/2/24

Electrical data	
Type	
VB 1,0/2/24	
Electrical data	Input
	Rated input voltage
	230 Vac
	Rated frequency
	50 - 60 Hz
	Output
	Rated output voltage
	2 x 24 Vac
	Rated Power
	1 VA
	No-load voltage (app. x factor)
	1.40
	No-load loss (typ.)
	0.90 W
	Efficiency
	55.0 %
Standards	
Classification	
Mains transformer	
Approvals	
Approvals	
cURus, VDE	
Environment	
Ambient temperature max.	
70 °C	
Safety and protection	
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 1,0/2/24	

Mechanical data	
Type	
VB 1,0/2/24	
Terminal and mounting	
Terminals	
Pins for printed circuit boards	
Measures and weights	
Pin (ø)	
0.8 mm	
Core type	
EI 30/10,5	
Weight	
0.07 kg	

