

## Mains transformer VB 2,0/2/18



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

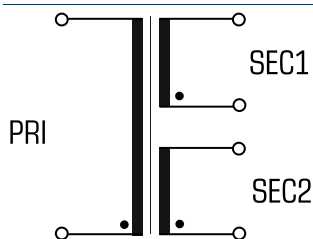
Self-extinguishing potting material

### 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



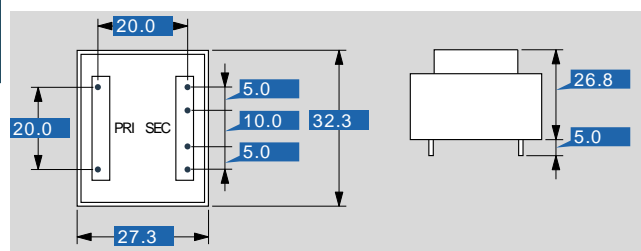
## Mains transformer VB 2,0/2/18

### Electrical data

Type	VB 2,0/2/18
Input	
Rated input voltage	230 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 18 Vac
Rated Power	2 VA
No-load voltage (app. x factor)	1.60
No-load loss (typ.)	1.95 W
Efficiency	43.0 %
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 2,0/2/18

### Mechanical data

Type	VB 2,0/2/18
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Pin (ø)	0.8 mm
Core type	EI 30/15,5
Weight	0.10 kg



Subject to change.