

PCB transformer VC 5,0/1/18



Advantages

Minimum size at high output

Also with double output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill resin encapsulation

Coil shell in 2-chamber technology

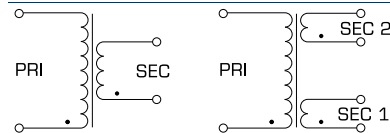
Self-extinguishing potting material

Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As a safety 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.

Circuit Diagram



Standards

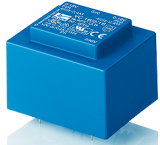


Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



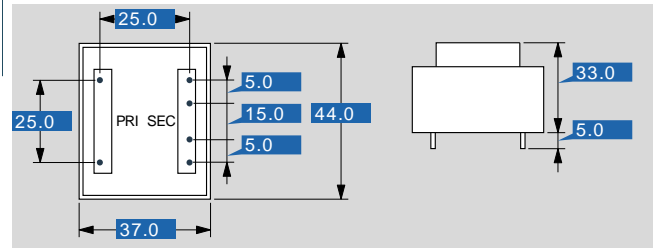
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



PCB transformer VC 5,0/1/18

Type		VC 5,0/1/18
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	18 Vac
	Rated Power	5.0 VA
	No-load voltage (app. x factor)	1.25
	No-load loss (typ.)	1.50 W
	Efficiency	68 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, ENEC (VDE)
	Environment	
	Ambient temperature max.	50 °C
Safety and protection		
Type	encapsulated	
Class of Insulation System	VDE=B, UL=class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Order numbers		
Order Number	VC 5,0/1/18	

Type		VC 5,0/1/18
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
Mechanical data	Measures and weights	
	Pin (ø)	0.8 mm
	Core type	EI 42/14,8
	Weight	0.19 kg



Subjects to change.