

Safety isolating transformer FL 18/5



Picture shows FL 42/12

Advantages

- Minimum size at high output
- Low height
- Dual input voltage for series or parallel connection
- Dual output voltage for series or parallel connection
- 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 an isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

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

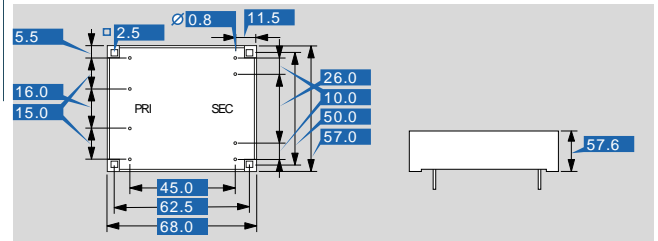


Safety isolating transformer FL 18/5

Type		FL 18/5
Electrical data	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 5 Vac
	Rated Power	18 VA
	No-load voltage (app. x factor)	1.22
	No-load loss (typ.)	1.50 W
	Efficiency	77.0 %
	Standards	
Classification	Safety isolating transformer	
Approvals		
Approvals	cURus, VDE	
Environment		
Ambient temperature max.	40 °C	
Safety and protection		
Type	Encapsulated	
Insulation class	VDE=E, UL=class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-short-circuit proof	
Order numbers		
Order Number	FL 18/5	

Type		FL 18/5
Terminal and mounting		
Terminals		Pins for PCB
Measures and weights		
Core type		UI 39/13,5
Weight		0.38 kg

30
Mechanical data



Subject to change.