

Safety isolating transformer FL 18/18



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

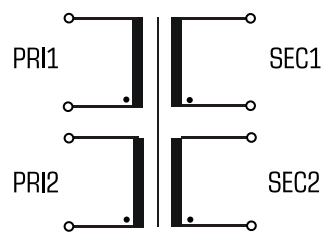
Applications

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

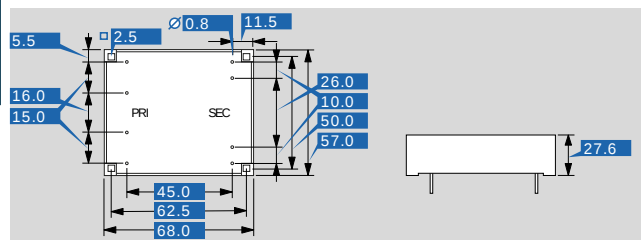


Safety isolating transformer FL 18/18

Electrical data	Type	FL 18/18
	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 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	cURus, VDE
Environment	Ambient temperature max.	40 °C
	Safety and protection	
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 18/18

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

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Mechanical data



Subject to change.