

Safety isolating transformer FL 30/18



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

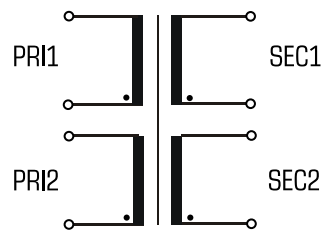
Applications

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

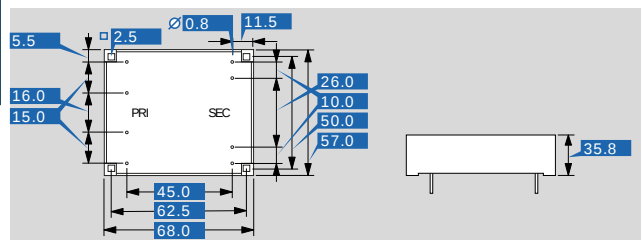


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Electrical data	Type	FL 30/18
	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 Vac
	Rated Power	30 VA
	No-load voltage (app. x factor)	1.17
	No-load loss (typ.)	1.70 W
	Efficiency	81.0 %
Standards	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 30/18

Type	FL 30/18
Terminal and mounting	
Terminals	Pins for PCB
Measures and weights	
Core type	UI 39/21
Weight	0.53 kg

30
Mechanical data



Subject to change.