

Low profile transformer FL 42/8



Advantages

Minimum size at high output
Low height
Double input voltage for series or parallel connection
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

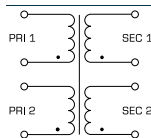
Applications

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

As 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.

Circuit Diagram



Standards

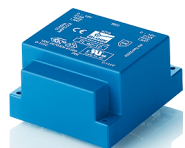


Safety isolating transformer
to: VDE 0570 Teil 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



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

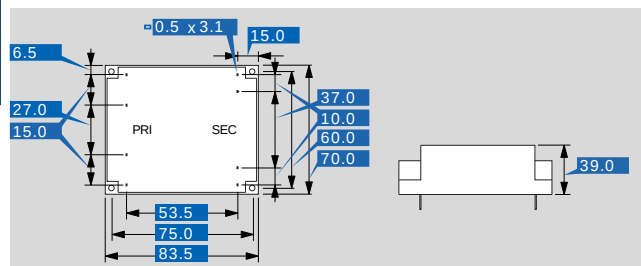


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Electrical data	Type	FL 42/8
	Input	
	Rated input Voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 8 Vac
	Rated Power	42.0 VA
	No-load voltage (app. x factor)	1.16
	No-load loss (typ.)	3.50 W
	Efficiency	81 %
Standards	Classification	Safety isolating transformer
	Approvals	cURus, ENEC 10 (VDE)
Environment	Ambient temperature max.	40 °C
	Safety and protection	
Safety and protection	Type	encapsulated
	Class of Insulation System	VDE=E, UL=class 105
	Protection index	IP 00
	Safety class (prepared)	II
	Short circuit strength	non-short-circuit proof
Order numbers	Order numbers	
	Order Number	FL 42/8

Type	FL 42/8
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Core type	UI 48/17
Weight	0.72 kg

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Mechanical data



Subjects to change.