

Low profile transformer FL 42/24



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

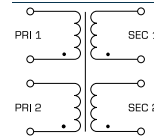
Applications

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



Isolating transformer
to: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4,
UL 5085-1/-2, CSA 22.2 No.66

Approvals



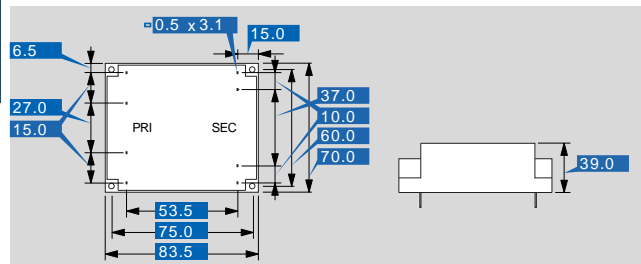
UL 5085-1/-2, CSA 22.2 No.66



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Type		FL 42/24
Electrical data	Input	
	Rated input Voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 24 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	Isolating transformer	
Approvals		
Approvals	cURus, ENEC 10 (VDE)	
Environment		
Ambient temperature max.	40 °C	
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 Number	FL 42/24	

Type		FL 42/24
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
Measures and weights		
Core type	UI 48/17	
Weight	0.72 kg	



Subjects to change.