

Low profile transformer FL 14/18



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

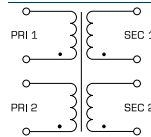
Applications

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

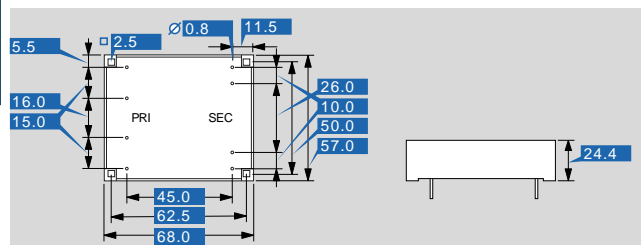


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Type		FL 14/18
Electrical data	Input	
	Rated input Voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 Vac
	Rated Power	14.0 VA
	No-load voltage (app. x factor)	1.28
	No-load loss (typ.)	1.20 W
	Efficiency	74 %
	Standards	
Classification	Safety 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 14/18	

Type		FL 14/18
Terminal and mounting		
Terminals		Pins for printed circuit boards
Measures and weights		
Core type		UI 39/10,2
Weight		0.32 kg

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Mechanical data



Subjects to change.