

Mains transformer FL 24/24



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

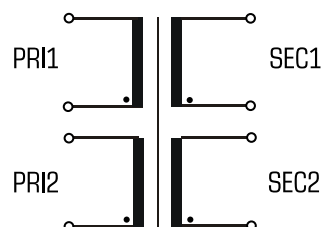
Applications

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

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

Approvals



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



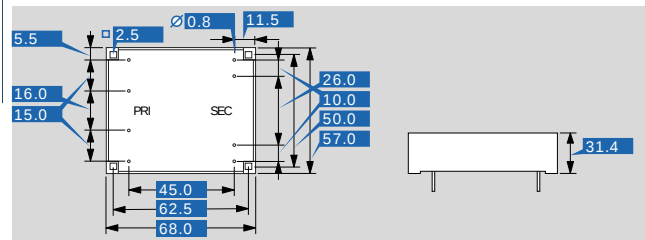
Mains transformer FL 24/24

Electrical data

Type	FL 24/24
Input	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 24 Vac
Rated Power	24 VA
No-load voltage (app. x factor)	1.20
No-load loss (typ.)	1.60 W
Efficiency	77.0 %
Standards	
Classification	Mains 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 24/24

Mechanical data

Type	FL 24/24
Terminal and mounting	
Terminals	Pins for PCB
Measures and weights	
Core type	UI 39/17
Weight	0.45 kg



Subject to change.