

Low profile transformer



Advantages

- Minimum size at high output
- Low height
- Double input voltage for series or parallel connection
- Double output voltage for series or parallel connection
- Designed for high ambient temperatures
- 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

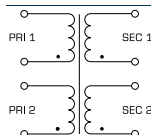
Applications

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.

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 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



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



Low profile transformer FLN 3/12



Electrical data

Type	FLN 3/12
Input	
Rated input Voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 12 Vac
Rated Power	3.0 VA
No-load voltage (app. x factor)	1.60
No-load loss (typ.)	2.40 W
Efficiency	50 %
Standards	
Classification	Safety isolating transformer
Approvals	
Approvals	cURus, ENEC 10 (VDE)
Environment	
Ambient temperature max.	70 °C
Safety and protection	
Type	encapsulated
Class of Insulation System	B
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
Order numbers	
Order Number	FLN 3/12



Mechanical data

Type	FLN 3/12
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Core type	UI 30/5,5
Weight	0.13 kg

