

## Low profile transformer FLN 6/12



### 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

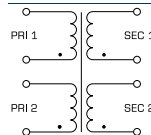
### Applications

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



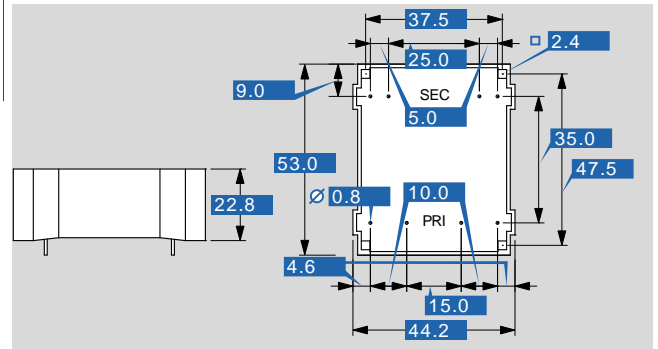
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



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Electrical data		Type	FLN 6/12
<b>Input</b>			
Rated input Voltage			2 x 115 Vac
Rated frequency			50 - 60 Hz
<b>Output</b>			
Rated output voltage			2 x 12 Vac
Rated Power			6.0 VA
No-load voltage (app. x factor)			1.49
No-load loss (typ.)			0.75 W
Efficiency			62 %
<b>Standards</b>			
Classification			Safety isolating transformer
<b>Approvals</b>			
Approvals			cURus, ENEC 10 (VDE)
<b>Environment</b>			
Ambient temperature max.			70 °C
<b>Safety and protection</b>			
Type			encapsulated
Class of Insulation System			B
Protection index			IP 00
Safety class (prepared)			II
Short circuit strength			non-short-circuit proof
<b>Order numbers</b>			
<b>Order Number</b>			<b>FLN 6/12</b>

Mechanical data		Type	FLN 6/12
<b>Terminal and mounting</b>			
Terminals			Pins for printed circuit boards
<b>Measures and weights</b>			
Core type			UI 30/10,5
Weight			0.19 kg



Subjects to change.

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