

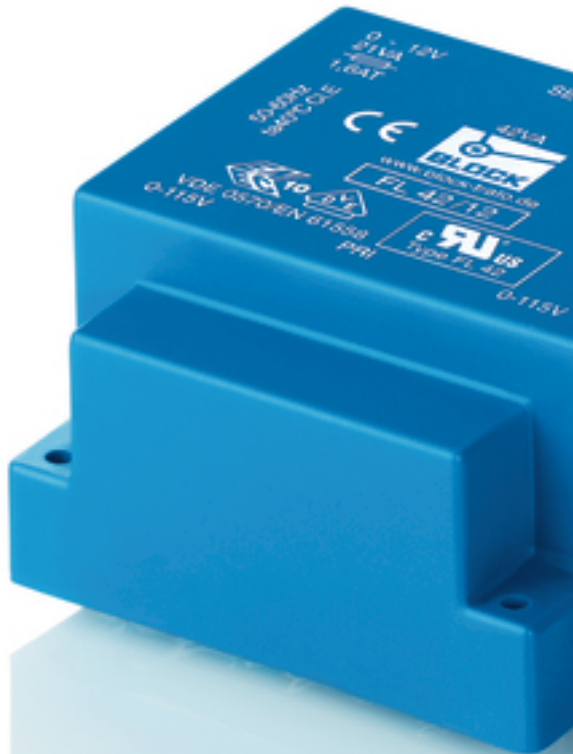


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# Safety isolating transformer FL 6/12



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

Coil shell in 2-chamber technology

Self-extinguishing potting material

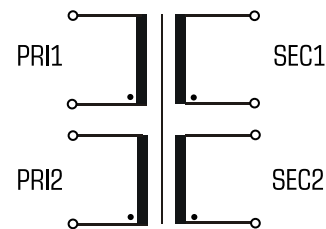
## Applications

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.

## Sample application



## 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



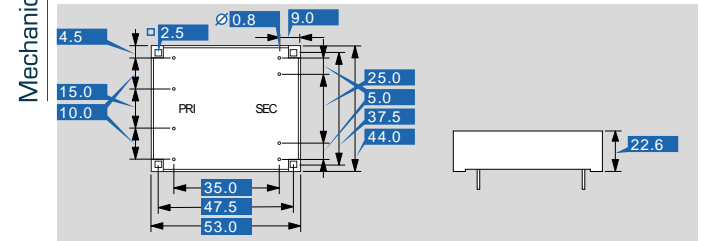
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



# Safety isolating transformer FL 6/12

Electrical data	
<b>Type</b> FL 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)	1.35
No-load loss (typ.)	1.20 W
Efficiency	69 %
<b>Standards</b>	
Classification	Safety isolating transformer
<b>Approvals</b>	
Approvals	cURus, ENEC 10 (VDE)
<b>Environment</b>	
Ambient temperature max.	40 °C
<b>Safety and protection</b>	
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
<b>Order numbers</b>	
<b>Order Number</b>	<b>FL 6/12</b>

Mechanical data	
<b>Type</b> FL 6/12	
<b>Terminal and mounting</b>	
Terminals	Pins for PCB
<b>Measures and weights</b>	
Core type	UI 30/10,5
Weight	0.18 kg



Subjects to change.



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Product	Code	Reference	Product link
Low profile transformer encapsulated, PRI 2 x 115 Vac, SEC 2 - 52 VA, 2 x 5 - 2 x 24 Vac	FL612	FL 6/12	<a href="#">Buy on EAN</a>