

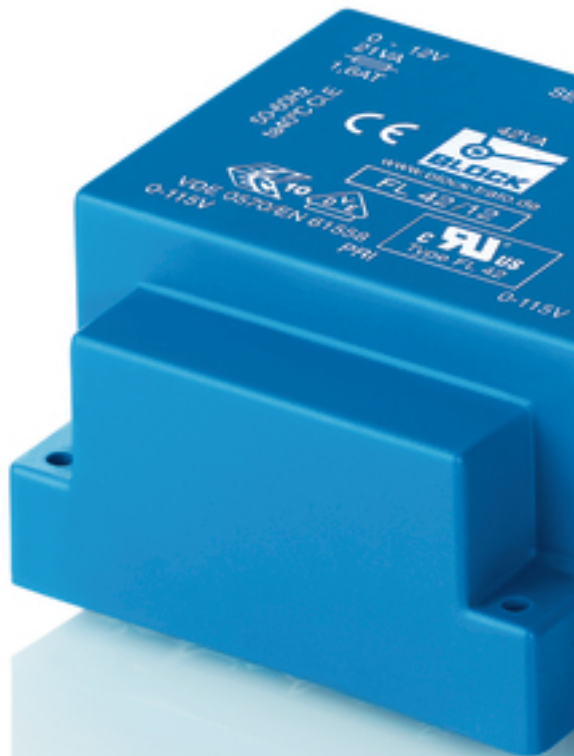


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# Safety isolating transformer FL 8/12



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

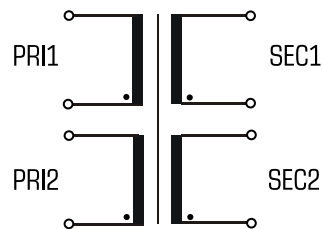
## Applications

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



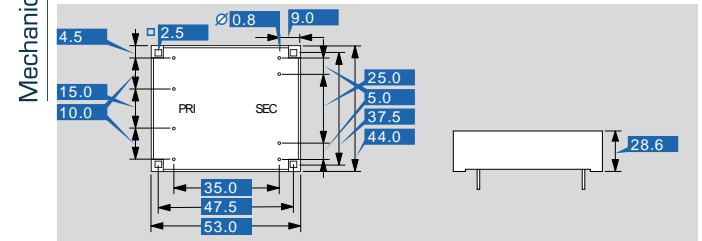
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



# Safety isolating transformer FL 8/12

Electrical data		Type	FL 8/12
<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			8.0 VA
No-load voltage (app. x factor)			1.22
No-load loss (typ.)			1.30 W
Efficiency			76 %
<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 8/12</b>

Mechanical data		Type	FL 8/12
<b>Terminal and mounting</b>			
Terminals			Pins for PCB
<b>Measures and weights</b>			
Core type			UI 30/16,5
Weight			0.25 kg



Subjects to change.



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<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
Low profile transformer encapsulated, PRI 2 x 115 Vac, SEC 2 - 52 VA, 2 x 5 - 2 x 24 Vac	FL812	FL 8/12	<a href="#">Buy on EAN</a>