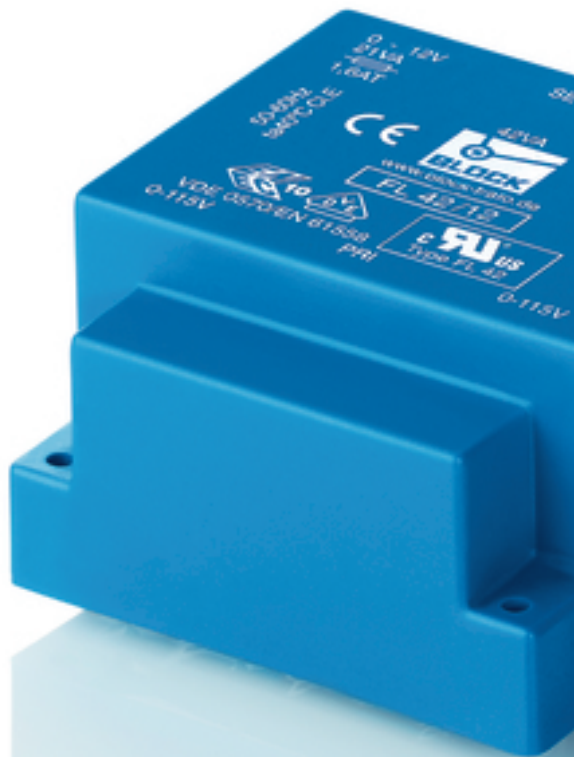


# Safety isolating transformer

## FL 14/15



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

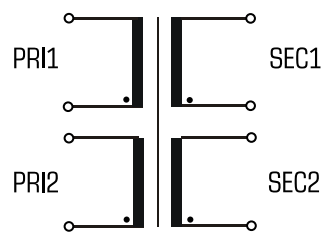
## Applications

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



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



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



# Safety isolating transformer FL 14/15

Type		FL 14/15
Electrical data	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 15 Vac
	Rated Power	14 VA
	No-load voltage (app. x factor)	1.28
	No-load loss (typ.)	1.20 W
	Efficiency	74.0 %
	Standards	
	Classification	Safety isolating 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		
<b>Order Number</b>	<b>FL 14/15</b>	

Type		FL 14/15
Terminal and mounting		
Terminals	Pins for PCB	
Measures and weights		
Core type	UI 39/10,2	
Weight	0.32 kg	

