

# 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

Self-extinguishing potting material

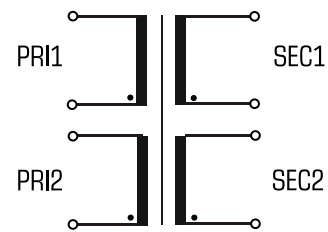
## Applications

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

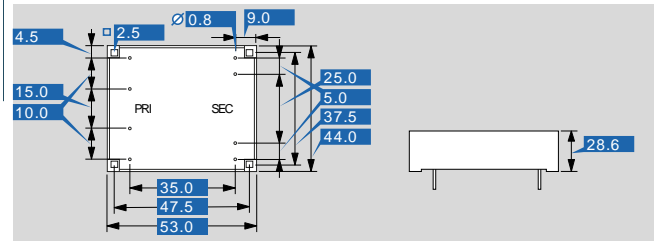


## Safety isolating transformer FL 8/12

Type		FL 8/12
Electrical data	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	8 VA
	No-load voltage (app. x factor)	1.22
	No-load loss (typ.)	1.30 W
	Efficiency	76.0 %
	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 8/12</b>	

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

30  
Mechanical data



Subject to change.