

## 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

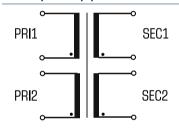
## **Applications**

As a mains transformer for adjustment of the voltage and simple electrical

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



**Approvals** 







## Safety isolating transformer **FL 8/12**

Туре	FL 8/12	T	уре	FL 8/12		
Input		o Te	erminal and mounting			
Rated input voltage	2 x 115 Vac	Te	rminals	Pins	for PCB	
Rated frequency	50 - 60 Hz	M	Measures and weights			
Output Rated output voltage		m I —	Core type UI 30/16,5			
Rated output voltage	2 x 12 Vac	g w	eight	0.25	0.25 kg	
	8 VA	Mechanical 4				
Rated Power No-load voltage (app. x factor) No-load loss (typ.) Efficiency	1.22	.e	Ø0.8	9.0		
No-load loss (typ.)	1.30 W	ළ <u>4</u>		<b>-</b>		
Efficiency	76.0 %	90	<b>A</b> 0.			
Standards		Š 1	5.0	25.0		
Classification	Safety isolating transformer	10	D.O PRI S	EC 37.5		
Approvals			<b>1</b>	44.0	28.6	
Approvals	cURus, VDE		35.0		<u></u>	
Environment			47.5	<u>-</u>		
Ambient temperature max.	40 °C		<del>■</del> 53.0	<b>→</b>		
Safety and protection						
Туре	Encapsulated					
Insulation class	VDE=E, UL=class 105					
Protection index	IP 00					
Safety class (prepared)	<u>II</u>					
Short circuit strength	non-short-circuit proof					
Order numbers						
Order Number	FL 8/12					