FL 14/12



Advantages

Minimum size at high output

Low height

Double input voltage for series or parallel connection

Double output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDensiFill 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.

Circuit Diagram



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





Low profile transformer **FL 14/12**

	Type	FL 14/12		Type		FL 14/12	
Electrical data 🕇 🦰	Input		<u> ၉</u>	Terminal and mounting			
		2 x 115 Vac	က_	Terminals		Pins for printed circuit boar	rds
	Rated frequency	50 - 60 Hz		Measures and weights	3		
	utput		Mechanical data	Core type		UI 39/10,2	
	Rated output voltage	2 x 12 Vac	9	Weight		0.32 kg	
	Rated Power	14.0 VA	<u></u>				
	No-load voltage (app. x factor)	1.28	.e	Ø	0.8 11.5		
	No-load loss (typ.)	1.20 W	<u>la</u>	5.5	• • •		
	Efficiency	74 %	90			26.0	
	Standards	ndards				10.0	
	Classification	Safety isolating transformer		15.0 PRI S	SEC	0.0	
	Approvals			* L .		7.0	24.4
	Approvals	cURus, ENEC 10 (VDE)		45.0		L-T	
	Environment			62 .	5 3		
	Ambient temperature max.	40 °C		68.0			
	Safety and protection						
	Туре	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					
	Order numbers						
	Order Number	FL 14/12					