

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

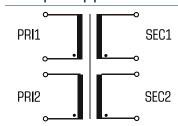
Applications

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

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 30/12**

	Туре	FL 30/12		Туре	FL 30/12	
data <mark>부</mark> 식	Input		0	Terminal and mounting		
	Rated input voltage	2 x 115 Vac	(n)	Terminals	Pins for PCB	
	Rated frequency	50 - 60 Hz		Measures and weights		
	Output		data	Core type	UI 39/21	
qa	Rated output voltage	2 x 12 Vac	d a	Weight	0.53 kg	
Electrical	Rated Power	30 VA	<u> </u>			
	No-load voltage (app. x factor)	1.17	Mechanical	Ø0.8	11.5	
	No-load loss (typ.)	1.70 W	ıв	5.5		
	Efficiency	81.0 %		16.0 PRI SEC	26.0 10.0 50.0 57.0	
	Standards		ž			
	Classification	Safety isolating transformer				
	Approvals					
	Approvals	cURus, VDE				
	Environment			45.0 62.5	 	
	Ambient temperature max.	40 °C		68.0	→	
	Safety and protection					
	Туре	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					
	Order Number	FL 30/12				