

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

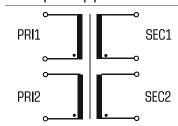
Applications

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

Isolating transformer to: VDE 0570 Part2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4, UL 5085-1/-2, CSA 22.2 No.66



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





Isolating transformer **FL 42/24**

	Type	FL 42/24	Туре	FL 42/2
Electrical data	Input		Terminal and mounting	
	Rated input voltage	2 x 115 Vac	Terminal and mounting Terminals	Pins for PCB
	Rated frequency	50 - 60 Hz	Measures and weights	
	Output		Core type Weight	UI 48/17
	Rated output voltage	2 x 24 Vac	Weight	0.72 kg
	Rated Power	42 VA	<u> </u>	
	No-load voltage (app. x factor)	1.16	. <u>O</u>	
	No-load loss (typ.)	3.50 W	6.5 = 0.5 x1.0	15.0
	Efficiency	81.0 %		
	Standards		≥ _{27.0} / † .	37.0
	Classification	Isolating transformer		10.0 60.0
	Approvals		1	70.0
	Approvals	cURus, VDE	<u> </u>	
	Environment		53.5	→ [†]
	Ambient temperature max.	40 °C	75.0 83.5	→
	Safety and protection		00.0	
	Туре	Encapsulated		
	Insulation class	VDE=E, UL=class 105		
	Protection index	IP 00		
	Safety class (prepared)	Ш		
	Short circuit strength	non-short-circuit proof		
	Order numbers			
	Order Number	FL 42/24		

