#### FL 30/15



### 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 due to XtraDenseFill resin encapsulation

Self-extinguishing potting material

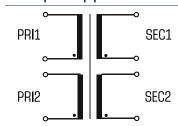
## **Applications**

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 30/15**

Input   Rated input voltage   Rated frequency   50 - 60 Hz	Туре	FL 30/15		Type	FL 30/15
Rated frequency  Output  Rated output voltage  Rated output voltag	Input		0	Terminal and mounting	
Rated frequency  Output  Rated output voltage  Rated output voltag		2 x 115 Vac	ري <u> </u>	Terminals	Pins for PCB
Output  Rated output voltage		50 - 60 Hz		Measures and weights	
Power 30 VA No-load voltage (app. x factor) 1.17 No-load loss (typ.) 1.7 W Efficiency 81 96 Standards Classification Approvals Approvals Environment Ambient temperature max. 104.0 °F Safety and protection Type Encapsulated Insulation class VDE=E, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength Order numbers    Dimensions in inch	Output		ta		UI 39/21
Power 30 VA No-load voltage (app. x factor) 1.17 No-load loss (typ.) 1.7 W Efficiency 81 96 Standards Classification Approvals Approvals Environment Ambient temperature max. 104.0 °F Safety and protection Type Encapsulated Insulation class VDE=E, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength Order numbers	Rated output voltage	2 x 15 Vac	00	Weight	1.17 lbs
Classification Approvals Approvals  Approvals  CuRus, VDE  Environment  Ambient temperature max. Safety and protection  Type Insulation class Protection index Protection index IP 00 Safety class (prepared) Short circuit strength III  Contact in the protection index IP 00  Corder numbers	Power	30 VA	<u> </u>		
Classification Approvals Approvals  Approvals  Curronment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index IP 00  Safety class (prepared) Short circuit strength Order numbers  Safety siolating transformer  0.63 0.59  PRU SEC 1.97 2.24  1.97 2.46  1.97 2.46  Sec 1.97 2.46  2.68	No-load voltage (app. x factor)	1.17	ie ie	Dimensions in inch	
Classification Approvals Approvals Approvals CuRus, VDE Environment Ambient temperature max. Safety and protection  Type Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	No-load loss (typ.)	<del></del>	Ja	Ø 0 03	0.45
Classification Approvals Approvals Approvals CuRus, VDE Environment Ambient temperature max. Safety and protection  Type Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	Efficiency	81 %			
Approvals Approvals  Environment  Ambient temperature max. Safety and protection  Type Insulation class Protection index Safety class (prepared) Short circuit strength Order numbers  Safety isolating transformer  0.63 0.59 1.97 0.39 1.97 0.40 0.63 0.59 0.63 0.59 0.63 0.59 0.63 0.63 0.63 0.63 0.63 0.63 0.63 0.63			Š		
Approvals  Approvals  Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Protection index IP 00  Safety class (prepared) Short circuit strength Order numbers  LURus, VDE  LORus, VDE  LORus, VDE  Lorus  LORus, VDE  Lorus  LORu	Classification	Safety isolating transformer			T 10 39
Ambient temperature max.  Safety and protection  Type  Insulation class  Protection index Safety class (prepared) Short circuit strength Order numbers  LORUS, VUE  LORUS, VUE  LORUS, VUE  LORUS, VUE  LORUS, VUE  LORUS, VUE  LORUS  LO	Approvals			0.59 PRI SE	1.97
Ambient temperature max.  Safety and protection  Type Incapsulated Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	Approvals	cURus, VDE			2.24
Ambient temperature max.  Safety and protection  Type  Encapsulated  Insulation class  VDE=E, UL=class 105  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Order numbers  I 104.0 °F  L 2.46  2.68  2.68  2.46  2.68  I 2.46  2.68  I 2.68  I 2.68  I 2.46  I 2.68  I 2.68  I 2.68  I 2.68  I 3.68  I 4.68  I 5.68  I 6.68  I 7.68  I 7.68  I 8.68  I 8.68  I 8.68  I 8.68  I 9.68	Environment			Ψ ·	
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	Ambient temperature max.	104.0 °F			
Insulation class VDE=E, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Safety and protection			2.68	—►
Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Туре	Encapsulated			
Safety class (prepared) Short circuit strength Order numbers	Insulation class	VDE=E, UL=class 105			
Short circuit strength Order numbers	Protection index	IP 00			
Order numbers	Safety class (prepared)	II			
	Short circuit strength	non-short-circuit proof			
Order Number FL 30/15	Order numbers				
	Order Number	FL 30/15			

