

#### 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

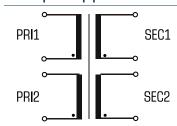
### **Applications**

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 4/15**

Input  Rated input voltage Rated prequency So - 60 Hz  Output Rated output voltage Rated Power A VA No-load voltage (app. x factor) No-load soltage (app. x factor) No-load soltage (app. x factor) No-load soltage (app. x factor) Rated Power Approvals Classification Approvals Environment Ambient temperature max. Safety and protection Type Encapsulated Insulation class Protection index Protection index Protection index Safety class (prepared) In Short circuit strength Order Number  FL 4/15	Туре	е	FL 4/15		Type	F	L 4/15		
Rated frequency Output  Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.)  Olissification Approvals Approvals Environment Ambient temperature max Safety and protection  Type Insulation class Protection index Safety class (prepared) Short circuit strength Order numbers  Measures and weights  Order type Weight One t	Input			0	Terminal and mounting				
Rated frequency Output  Rated output voltage Rated Power No-load voltage (app. x factor) No-load loss (typ.)  Olissification Approvals Approvals Environment Ambient temperature max Safety and protection  Type Insulation class Protection index Safety class (prepared) Short circuit strength Order numbers  Measures and weights  Order type Weight One t		input voltage	2 x 115 Vac	<u>س</u> _	Terminals	Pi	Pins for PCB		
Output Rated output voltage		frequency	50 - 60 Hz						
Rated Power No-load voltage (app. x factor) 1.35	: Outpu	ut		ta		UI	*		
Rated Power 4 VA No load voltage (app. x factor) 1.35 No load loss (typ.) 0.90 W Efficiency 66.0 % Standards Classification Approvals Approvals Environment Ambient temperature max. 40 °C Safety and protection Type Encapsulated Insulation class VDE=E, UL=class 105 Protection index IP 00 Safety class (prepared) Short circuit strength non-short-circuit proof Order numbers	Rated	output voltage	2 x 15 Vac	<del>o</del>		0.			
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Classification 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		dards		Š		T 150			
Approvals  Environment  Ambient temperature max.  Safety and protection  Type  Encapsulated Insulation class  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Order numbers	Classif	fication	Safety isolating transformer		10.0 PRI	37.5			
Approvals  Environment  Ambient temperature max.  Safety and protection  Type  Insulation class  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Order numbers  CURus, VDE  35.0  47.5  47.5  53.0   35.0  47.5  53.0  47.5	Appro	ovals			<b>*</b>	.		19.6	
Environment  Ambient temperature max.  Safety and protection  Type  Insulation class  Protection index  IP 00  Safety class (prepared)  Short circuit strength  Order numbers  40 °C  Encapsulated  Insulation class  VDE=E, UL=class 105  Protection index  IP 00  Safety class (prepared)  II  Order numbers	Approv	vals	cURus, VDE		25.0		L <sub>T</sub>		
Safety and protection  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	Enviro	ronment					ū	ū	
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	Ambier	nt temperature max.	40 °C		<b>■</b> 53.0	<b></b>			
Insulation class VDE=E, UL=class 105 Protection index IP 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	Safet	ty and protection							
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Safety class (prepared) Short circuit strength Order numbers	Insulat	tion class	VDE=E, UL=class 105						
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Order numbers	Safety	class (prepared)	II						
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	Order	Number	FL 4/15						

