

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

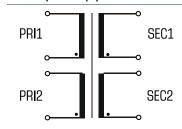
Applications

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	o		0.			
Classification Approvals Approvals Environment Abhient temperature max. Safety and protection Type Insulation class Protection index Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers		Power	4 VA	<u> </u>					
Classification Approvals Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	No-loa	nd voltage (app. x factor)	1.35	.e	Ø	8 9.0			
Classification Approvals Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	No-loa	nd loss (typ.)		le le					
Classification Approvals Approvals Approvals Environment Ambient temperature max. Safety and protection Type Insulation class Protection index IP 00 Safety class (prepared) Short circuit strength Order numbers	Efficien	ncy	66.0 %	20	•		_		
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			*	.		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 _T		
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		■ 53.0				
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							
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	Insulat	tion class	VDE=E, UL=class 105						
Short circuit strength Order numbers non-short-circuit proof	Protec	ction index	IP 00						
Order numbers	Safety	class (prepared)	II						
	Short o	circuit strength	non-short-circuit proof						
Order Number FL 4/15	Orde	r numbers							
	Order	Number	FL 4/15						

