

Advantages

Minimum size at high output

Low height

Double input voltage for series or parallel connection

Double output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

Coil shell in 2-chamber technology

Self-extinguishing potting material

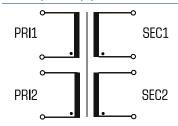
Applications

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



Picture shows FLN 30/12

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





ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66





Low profile transformer **FL 14/15**

Input Rated input voltage Rated frequency Output Rated output voltage Rated Power No-load loss (typ.) Efficiency Standards Classification Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Safety sloss (prepared) Short circuit strength Order Number Pins for printed circuit Measures and weights Core type Weight Terminals Measures and weights Core type Weight Terminals Measures and weights Core type Weight Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight O.32 kg Terminals Measures and weights Core type Weight Order type Weight O.32 kg Terminals Measures and weights Core type Weight Order type Weight O.32 kg Terminals Measures and weights Core type Weight Order type Weight O.32 kg Terminals Measures and weights Core type Weight Order type Weight	Туре	FL 14/15	Type	FL 14/15
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Rated Power No-load voltage (app. x factor) 1.28 No-load loss (typ.) 1.20 W Efficiency 74 96 Classification Approvals Approvals Environment Ambient temperature max. 40 °C Safety and protection Type encapsulated Class of Insulation System VDE=E, UL=class 105 Protection index P 00 Safety class (prepared) II Short circuit strength non-short-circuit proof Order numbers	3 Output		Core type	
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Classification Approvals Approvals Environment Ambient temperature max. Safety and protection Type Class of Insulation System Protection index Safety class (prepared) Short circuit strength Order numbers Safety isolating transformer 15.0 PRI SEC 150.0 50.0 57.0 45.0 68.0 FRI SEC 10.0 60.5 57.0 45.0 68.0 FRI SEC 10.0 60.5 60.5 60.5 60.0	No-load voltage (app. x factor)	1.28	ic of	8 11.5
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Safety class (prepared) Short circuit strength Order numbers	Class of Insulation System	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 14/15	Order numbers			
	Order Number	FL 14/15		