

Short circuit proof low profile transformer **FLD 18/12**



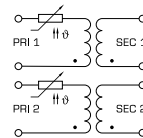
Advantages

Minimum size at high output
Low height
Integrated overload protection using PTC in the input
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 XtraDensiFill resin encapsulation
Coil shell in 2-chamber technology
Self-extinguishing potting material

Applications

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.

Circuit Diagram



Standards



Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

Approvals



ENEC 10 (VDE)



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Electrical data		Type	FLD 18/12
	Input		
	Rated input Voltage		2 x 115 Vac
	Rated frequency		50 - 60 Hz
	Output		
	Rated output voltage		2 x 12 Vac
	Rated Power		18.0 VA
	No-load voltage (app. x factor)		1.30
	No-load loss (typ.)		2.00 W
	Efficiency		75 %
	Standards		
	Classification		Safety isolating transformer
	Approvals		
	Approvals		ENEC 10 (VDE)
	Environment		
	Ambient temperature max.		40 °C
	Safety and protection		
	Type		encapsulated
	Class of Insulation System		E
	Protection index		IP 00
	Safety class (prepared)		II
	Short circuit strength		non-inherently short-circuit proof
	Order numbers		
	Order Number		FLD 18/12

Mechanical data		Type	FLD 18/12
	Terminal and mounting		
	Terminals		Pins for printed circuit boards
	Measures and weights		
	Core type		UI 39/17,0
	Weight		0.45 kg