

Safety isolating transformer

FLD 12/12 Discontinued line - not for new designs



FLD 12/8

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

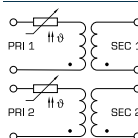
Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

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.

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

Approvals



VDE (EN 61347)

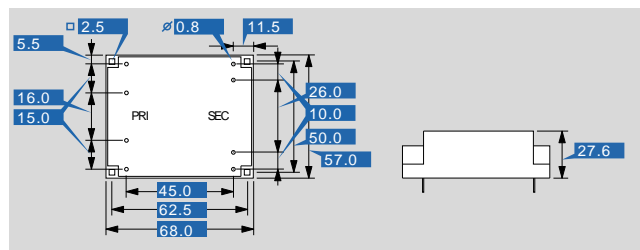


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Type	FLD 12/12 Discontinued line - not for new designs
Electrical data	Input
	Rated input voltage 2 x 115 Vac
	Rated frequency 50 - 60 Hz
	Output
	Rated output voltage 2 x 12 Vac
	Rated Power 12 VA
	No-load voltage (app. x factor) 1.31
	No-load loss (typ.) 1.80 W
	Efficiency 73.0 %
	Standards
Classification	Safety isolating transformer
Approvals	
Approvals	VDE
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Encapsulated
Insulation class	E
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-inherently short-circuit proof
Order numbers	
Order Number	FLD 12/12 Discontinued line - not for new designs

Type	FLD 12/12 Discontinued line - not for new designs
Mechanical data	Terminal and mounting
	Terminals Pins for printed circuit boards
	Measures and weights
Core type	UI 39/13,5
Weight	0.37 kg



Subject to change.