

# Safety isolating transformer

## FLD 48/18 Discontinued line - not for new designs



FLD 12/8

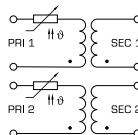
### Advantages

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)

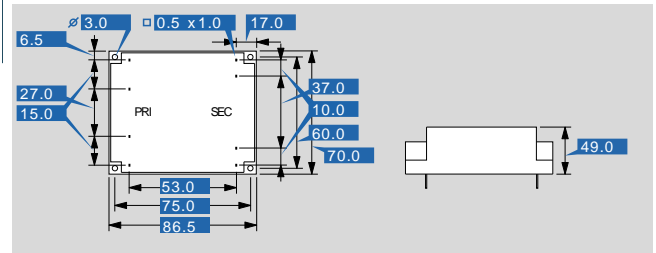


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Type		FLD 48/18 Discontinued line - not for new designs
Electrical data	Input	
	Rated input voltage	2 x 115 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 Vac
	Rated Power	48 VA
	No-load voltage (app. x factor)	1.20
	No-load loss (typ.)	4.50 W
	Efficiency	79.0 %
	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	<b>FLD 48/18 Discontinued line - not for new designs</b>	

Type		FLD 48/18 Discontinued line - not for new designs
Mechanical data	Terminal and mounting	
	Terminals	Pins for printed circuit boards
	Measures and weights	
	Core type	UI 48/26,0
	Weight	1.02 kg



Subject to change.