

# Short circuit proof low profile transformer FLD 6/18



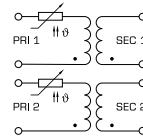
## Advantages

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)

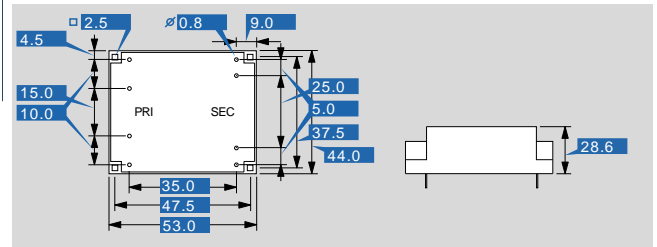


## Short circuit proof low profile transformer FLD 6/18

Type		FLD 6/18
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	6.0 VA
	No-load voltage (app. x factor)	1.33
	No-load loss (typ.)	1.30 W
	Efficiency	72 %
	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		
<b>Order Number</b>	<b>FLD 6/18</b>	

Type		FLD 6/18
Terminal and mounting		
Terminals		Pins for printed circuit boards
Measures and weights		
Core type		UI 30/16,5
Weight		0.25 kg

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Mechanical data



Subjects to change.