

# Short circuit proof low profile transformer FLD 18/18



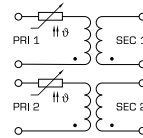
## Advantages

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)

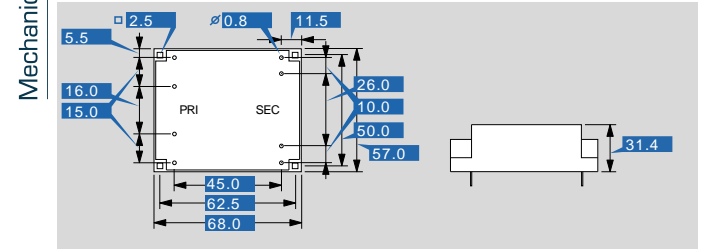


# Short circuit proof low profile transformer

## FLD 18/18

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

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



Subjects to change.