

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



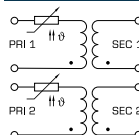
### Advantages

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)



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

### 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

