

## Short circuit proof low profile transformer

### FLD 35/9



FLD 12/8

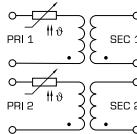
### Advantages

- 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 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 35/9**

Type	FLD 35/9
Input	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 9 Vac
Rated Power	35.0 VA
No-load voltage (app. x factor)	1.20
No-load loss (typ.)	3.20 W
Efficiency	78 %
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 35/9

Type	FLD 35/9
Mechanical data	30
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Core type	UI 48/17,0
Weight	0.74 kg