

Short circuit proof low profile transformer **FLD 48/18**



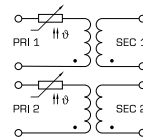
Advantages

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



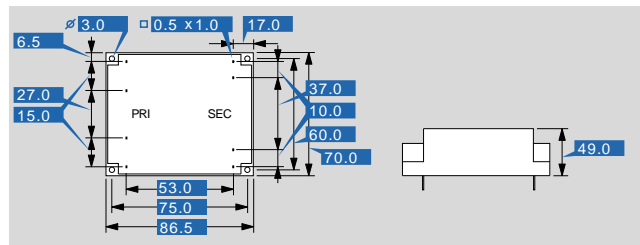
ENEC 10 (VDE)



Short circuit proof low profile transformer FLD 48/18

Electrical data	
Type	FLD 48/18
Input	
Rated input Voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
Output	
Rated output voltage	2 x 18 Vac
Rated Power	48.0 VA
No-load voltage (app. x factor)	1.20
No-load loss (typ.)	4.50 W
Efficiency	79 %
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 48/18

Mechanical data	
Type	FLD 48/18
Terminal and mounting	
Terminals	Pins for printed circuit boards
Measures and weights	
Core type	UI 48/26,0
Weight	1.02 kg



Subjects to change.