

## Low profile transformer FL 18/9



### Advantages

Minimum size at high output
Low height
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

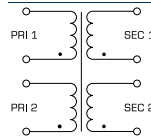
### Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

As an isolating transformer for the safe electrical isolation of the input and output sides. The transformer may be used to set up protective separation as a protective measure in accordance with VDE 0100.

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,  
UL 5085-1/-2, CSA 22.2 No.66

### Approvals



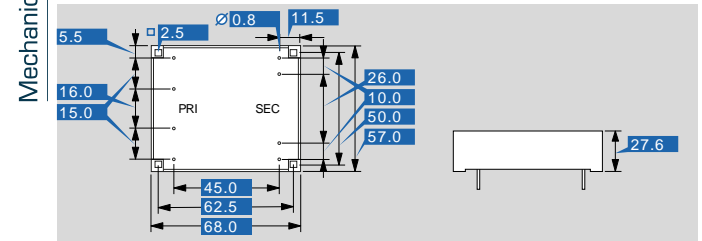
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



## Low profile transformer FL 18/9

Electrical data		Type	FL 18/9
Input			
Rated input Voltage			2 x 115 Vac
Rated frequency			50 - 60 Hz
Output			
Rated output voltage			2 x 9 Vac
Rated Power			18.0 VA
No-load voltage (app. x factor)			1.22
No-load loss (typ.)			1.50 W
Efficiency			77 %
Standards			
Classification			Safety isolating transformer
Approvals			
Approvals			cURus, ENEC 10 (VDE)
Environment			
Ambient temperature max.			40 °C
Safety and protection			
Type			encapsulated
Class of Insulation System			VDE=E, UL=class 105
Protection index			IP 00
Safety class (prepared)			II
Short circuit strength			non-short-circuit proof
Order numbers			
<b>Order Number</b>			<b>FL 18/9</b>

Mechanical data		Type	FL 18/9
Terminal and mounting			
Terminals			Pins for printed circuit boards
Measures and weights			
Core type			UI 39/13,5
Weight			0.38 kg



Subjects to change.