

## Low profile transformer FLN 18/21



## Advantages

Minimum size at high output

Low height

Double input voltage for series or parallel connection

Double output voltage for series or parallel connection

Designed for high ambient temperatures

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

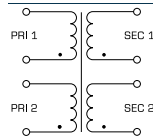
## Applications

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.

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



Mains transformer  
to: VDE 0570 Teil 2-1, DIN EN 61558-2-1, EN 61558-2-1, IEC 61558-2-1, UL 5085-1/-2, CSA 22.2 No.66

## Approvals



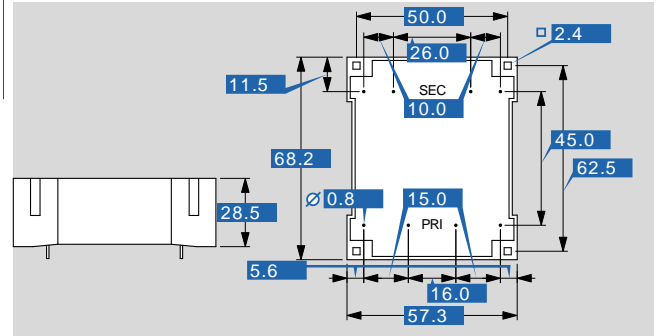
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



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Electrical data	
Type	FLN 18/21
<b>Input</b>	
Rated input Voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	2 x 21 Vac
Rated Power	18.0 VA
No-load voltage (app. x factor)	1.35
No-load loss (typ.)	1.49 W
Efficiency	69 %
<b>Standards</b>	
Classification	Mains transformer
<b>Approvals</b>	
Approvals	cURus, ENEC 10 (VDE)
<b>Environment</b>	
Ambient temperature max.	70 °C
<b>Safety and protection</b>	
Type	encapsulated
Class of Insulation System	B
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
<b>Order numbers</b>	
Order Number	FLN 18/21

Mechanical data	
Type	FLN 18/21
<b>Terminal and mounting</b>	
Terminals	Pins for printed circuit boards
<b>Measures and weights</b>	
Core type	UI 39/13,5
Weight	0.40 kg



Subjects to change.