

## Low profile transformer FLN 40/12



### 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

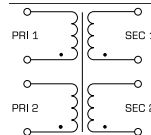
### Applications

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



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



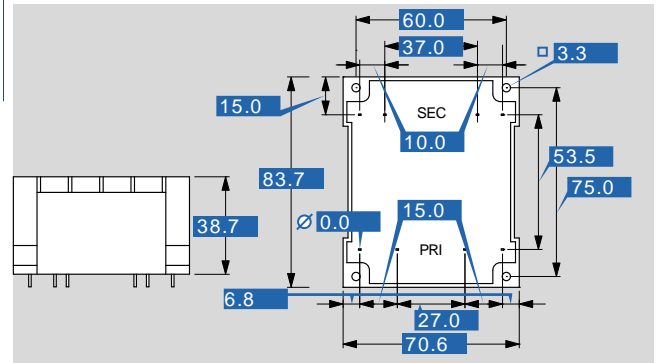
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



## Low profile transformer FLN 40/12

Electrical data	
Type	FLN 40/12
<b>Input</b>	
Rated input Voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	2 x 12 Vac
Rated Power	40.0 VA
No-load voltage (app. x factor)	1.20
No-load loss (typ.)	2.30 W
Efficiency	82 %
<b>Standards</b>	
Classification	Safety isolating 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 40/12

Mechanical data	
Type	FLN 40/12
<b>Terminal and mounting</b>	
Terminals	Pins for printed circuit boards
<b>Measures and weights</b>	
Core type	UI 48/17
Weight	0.76 kg



Subjects to change.