

# Mains transformer FL 8/24



Picture shows FL 42/12

## Advantages

Minimum size at high output

Low height

Dual input voltage for series or parallel connection

Dual output voltage for series or parallel connection

Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation

Self-extinguishing potting material

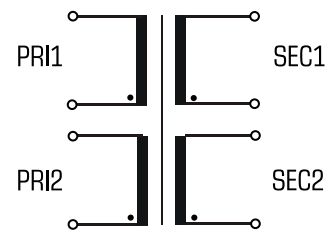
## Applications

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.

## Sample application



## 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



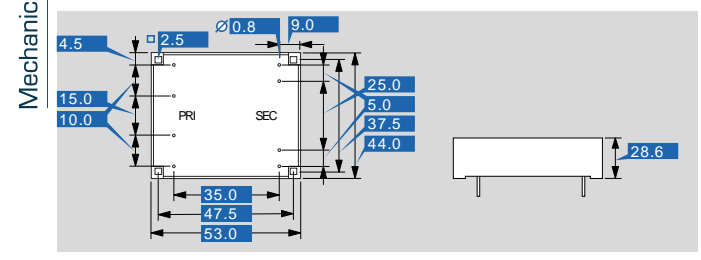
UL 5085-1/-2, CSA 22.2 No.66



# Mains transformer FL 8/24

Electrical data	
Type	FL 8/24
<b>Input</b>	
Rated input voltage	2 x 115 Vac
Rated frequency	50 - 60 Hz
<b>Output</b>	
Rated output voltage	2 x 24 Vac
Rated Power	8 VA
No-load voltage (app. x factor)	1.22
No-load loss (typ.)	1.30 W
Efficiency	76.0 %
<b>Standards</b>	
Classification	Mains transformer
<b>Approvals</b>	
Approvals	cURus, VDE
<b>Environment</b>	
Ambient temperature max.	40 °C
<b>Safety and protection</b>	
Type	Encapsulated
Insulation class	VDE=E, UL=class 105
Protection index	IP 00
Safety class (prepared)	II
Short circuit strength	non-short-circuit proof
<b>Order numbers</b>	
<b>Order Number</b>	<b>FL 8/24</b>

Mechanical data	
Type	FL 8/24
<b>Terminal and mounting</b>	
Terminals	Pins for PCB
<b>Measures and weights</b>	
Core type	UI 30/16,5
Weight	0.25 kg



Subject to change.