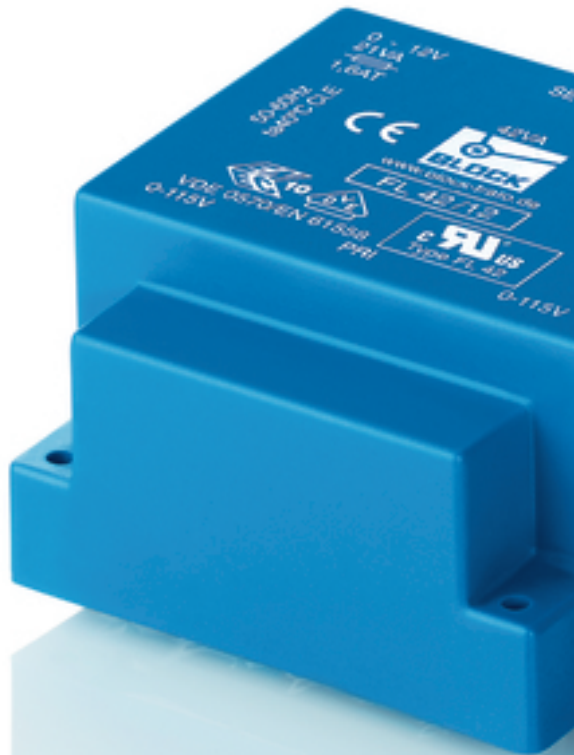


# Safety isolating transformer

## FL 30/18



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

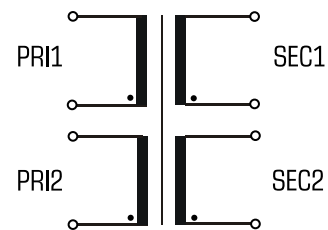
## Applications

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



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



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



# Safety isolating transformer

## FL 30/18

Electrical data		Type	FL 30/18
Input			
Rated input voltage		2 x 115 Vac	
Rated frequency		50 - 60 Hz	
Output			
Rated output voltage		2 x 18 Vac	
Rated Power		30 VA	
No-load voltage (app. x factor)		1.17	
No-load loss (typ.)		1.70 W	
Efficiency		81.0 %	
Standards			
Classification		Safety isolating transformer	
Approvals			
Approvals		cURus, VDE	
Environment			
Ambient temperature max.		40 °C	
Safety and protection			
Type		Encapsulated	
Insulation class		VDE=E, UL=class 105	
Protection index		IP 00	
Safety class (prepared)		II	
Short circuit strength		non-short-circuit proof	
Order numbers			
Order Number		<b>FL 30/18</b>	

Mechanical data		Type	FL 30/18
Terminal and mounting			
Terminals		Pins for PCB	
Measures and weights			
Core type		UI 39/21	
Weight		0.53 kg	

