# Safety isolating transformer **FL 6/9**



#### 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

### 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

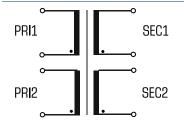
## Applications

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







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





## Safety isolating transformer FL 6/9

	Туре	FL 6/9	
ያይ	Input		
1+	Rated input voltage	2 x 115 Vac	
Electrical data	Rated frequency	50 - 60 Hz	
	Output		
	Rated output voltage	2 x 9 Vac	
	Rated Power	6 VA	
	No-load voltage (app. x factor)	1.35	
	No-load loss (typ.)	1.20 W	
B	Efficiency	69.0 %	
	Standards		
	Classification	Safety isolating transformer	
	Approvals		
	Approvals	cURus, VDE	
	Environment		
	Ambient temperature max.	40 °C	
	Safety and protection		
	Туре	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	FL 6/9	

