

Safety isolating transformer

FLE 12/6



Picture shows FLE 35/6

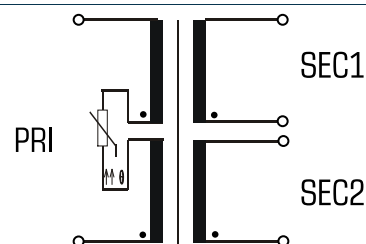
Advantages

Minimum size at high output
Low height
Integrated overload protection using PTC in the input
Double output voltage for series or parallel connection
Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDenseFill resin encapsulation
Self-extinguishing potting material

Applications

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

Approvals



VDE



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Type		FLE 12/6
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 6 Vac
	Power	12 VA
	No-load voltage (app. x factor)	1.31
	No-load loss (typ.)	1.8 W
	Efficiency	73 %
	Standards	
Classification	Safety isolating transformer	
Approvals		
Approvals	VDE	
Environment		
Ambient temperature max.	104.0 °F	
Safety and protection		
Type	Encapsulated	
Insulation class	E	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-inherently short-circuit proof	
Order numbers		
Order Number	FLE 12/6	

Type		FLE 12/6
Mechanical data	Terminal and mounting	
	Terminals	Pins for PCB
Mechanical data	Measures and weights	
	Core type	UI 39/13,5
Mechanical data	Weight	0.82 lbs
	Dimensions in inch	

Subject to change.