

Safety isolating transformer

FLE 18/12



Picture shows FLE 35/6

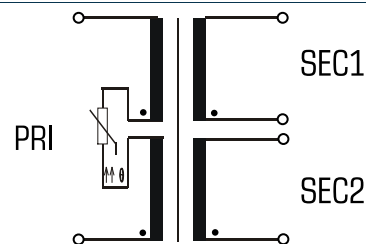
Advantages

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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Electrical data		Type	FLE 18/12
Input			
Rated input voltage		230 Vac	
Rated frequency		50 - 60 Hz	
Output			
Rated output voltage		2 x 12 Vac	
Power		18 VA	
No-load voltage (app. x factor)		1.30	
No-load loss (typ.)		2 W	
Efficiency		75 %	
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 18/12	

Mechanical data		Type	FLE 18/12
Terminal and mounting			
Terminals		Pins for PCB	
Measures and weights			
Core type		UI 39/17,0	
Weight		0.99 lbs	
Dimensions in inch			

Subject to change.