



Automatización Eléctrica

Especialistas en Automatización

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Safety isolating transformer

FLE 4/12



Picture shows FLE 35/6

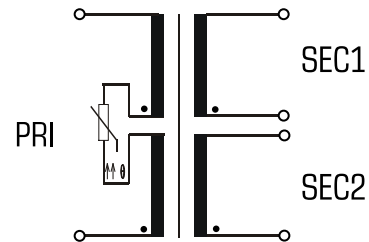
Advantages

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 thanks to XtraDenseFill resin encapsulation
Coil shell in 2-chamber technology
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



ENEC 10 (VDE)

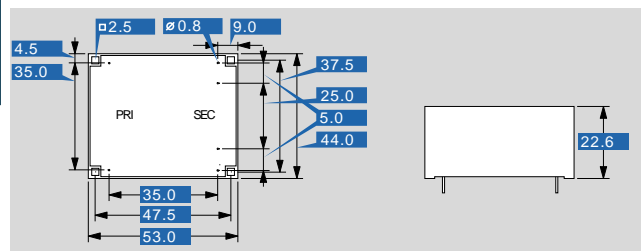


Safety isolating transformer FLE 4/12

Type		FLE 4/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 12 Vac
	Rated Power	4.0 VA
	No-load voltage (app. x factor)	1.37
	No-load loss (typ.)	0.80 W
	Efficiency	70 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	ENEC 10 (VDE)
	Environment	
	Ambient temperature max.	40 °C
Safety and protection		
Type	Encapsulated	
Class of Insulation System	E	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-inherently short-circuit proof	
Order numbers		
Order Number	FLE 4/12	

Type		FLE 4/12
Terminal and mounting		
Terminals		Pins for PCB
Measures and weights		
Core type		UI 30/10,5
Weight		0.18 kg

30
Mechanical data



Subjects to change.



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Product	Code	Reference	Product link
Short circuit proof low profile transformer short circuit proof, encapsulated, PRI 230 Vac, SEC 4 - 48 VA, 2 x 6 - 2 x 18 Vac	FLE412	FLE 4/12	Buy on EAN