



Automatización Eléctrica

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Safety isolating transformer PT 4,5/1/24



Advantages

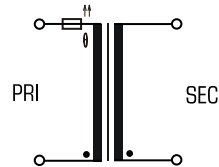
- Minimum size at high output
- Integrated overload protection using PTC in the input
- Also with dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Coil shell in 2-chamber technology
- Self-extinguishing potting material
- Space saving installation thanks to additional screw mounting in the base plate

Applications

As a mains transformer for adjustment of the voltage and simple electrical isolation.

Safety 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

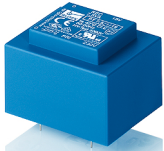


Safety isolating transformer
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

Approvals



ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



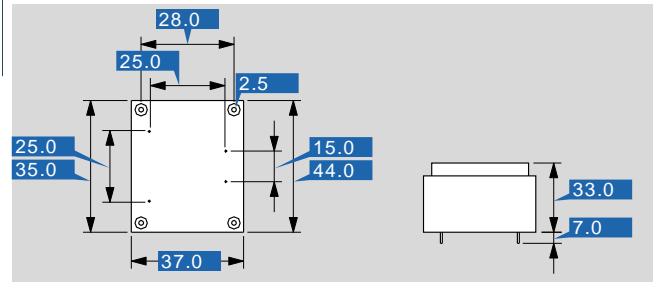
Safety isolating transformer

PT 4,5/1/24

Type		PT 4,5/1/24
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	24 Vac
	Rated Power	4.5 VA
	No-load voltage (app. x factor)	1.32
	No-load loss (typ.)	1.50 W
	Efficiency	65 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, ENEC (VDE)
	Environment	
	Ambient temperature max.	40 °C
Safety and protection		
Type	Encapsulated	
Class of Insulation System	VDE-E, UL-class 105	
Protection index	IP 00	
Safety class (prepared)	II	
Short circuit strength	non-inherently short-circuit proof	
Order numbers		
Order Number	PT 4,5/1/24	

Type		PT 4,5/1/24
Terminal and mounting		
Terminals		Pins for PCB
Measures and weights		
Pin (ø)		0.8 mm
Core type		EI 42/14,8
Weight		0.19 kg

30
Mechanical data



Subjects to change.



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Product	Code	Reference	Product link
Short circuit proof PCB transformer short circuit proof, encapsulated, PRI 230 V, SEC 4.5 - 30 VA, 6 - 24, 2 x 6 - 2 x 18 Vac	PT45124	PT 4,5/1/24	Buy on EAN