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# Safety isolating transformer

## PT 4,5/2/18



## Advantages

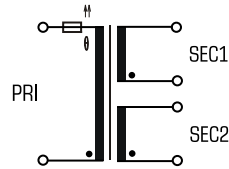
- Minimum size at high output
- Integrated overload protection using PTC in the input
- Also with dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Coil shell in 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

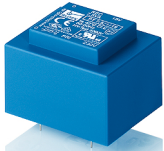


Safety isolating transformer  
to: VDE 0570 Part 2-6, DIN EN 61558-2-6, EN 61558-2-6, IEC 61558-2-6

## Approvals



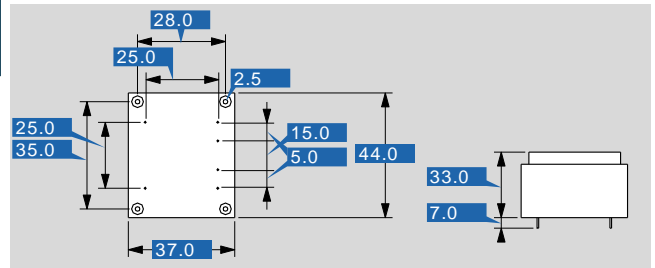
ENEC 10 (VDE), UL 5085-1/-2, CSA 22.2 No.66



## Safety isolating transformer PT 4,5/2/18

Type		PT 4,5/2/18
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	2 x 18 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		
<b>Order Number</b>	<b>PT 4,5/2/18</b>	

Type		PT 4,5/2/18
Mechanical data	Terminal and mounting	
	Terminals	Pins for PCB
Mechanical data	Measures and weights	
	Pin (ø)	0.8 mm
	Core type	EI 42/14,8
	Weight	0.19 kg





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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	PT45218	PT 4,5/2/18	<a href="#">Buy on EAN</a>