

# Safety isolating transformer PT 4,5/1/12



Picture shows PT 7,5/1/15

## Advantages

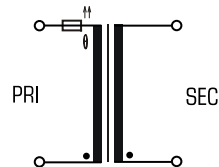
- Minimum size at high output
- Integrated overload protection using PTC in the input
- Also with dual output voltage for series or parallel connection
- Permanent corrosion protection, high insulation value and maximum electrical reliability thanks to XtraDenseFill resin encapsulation
- Self-extinguishing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



VDE, UL 5085-1/-2, CSA 22.2 No.66



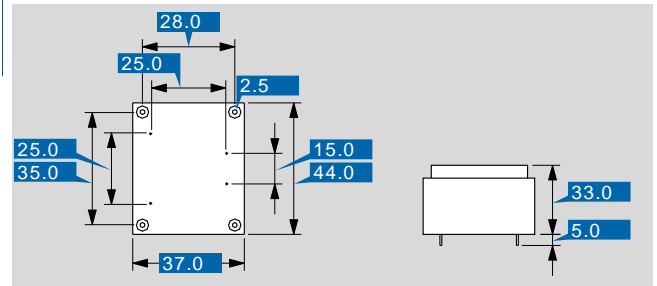
# Safety isolating transformer

## PT 4,5/1/12

Type		PT 4,5/1/12
Electrical data	Input	
	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	12 Vac
	Rated Power	4.5 VA
	No-load voltage (app. x factor)	1.32
	No-load loss (typ.)	1.50 W
	Efficiency	65.0 %
	Standards	
	Classification	Safety isolating transformer
	Approvals	
	Approvals	cURus, VDE
	Environment	
	Ambient temperature max.	40 °C
Safety and protection		
Type	Encapsulated	
Insulation class	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 4,5/1/12</b>	

Type		PT 4,5/1/12
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



Subject to change.