

## PCB MAINS TRANSFORMER

### Feature and Benefits

- Minimum size at high output
- 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



### Technical Details

Electrical data	Type	PCBM Power/out.volt
	Input	
Electrical data	Rated input voltage	230 Vac
	Rated frequency	50 - 60 Hz
	Output	
	Rated output voltage	In Table
	Rated Power	In Table
	No-load voltage	app. x factor
	No-load loss	type
	Efficiency	70.0 %
	Standards	
	Classification	PCB Mains transformer
Electrical data	Environment	
	Ambient temperature max.	40 °C
	Safety and protection	
	Type	Encapsulated
	Insulation class	VDE=B, UL=class 105
	Protection index	IP 00
	Safety class (prepared)	II
	Short circuit strength	non-short-circuit proof
	Test voltage	4000 Vac, 50 Hz
	Order numbers	
Electrical data	Order Number	PCBM Power/Out Volt.

### Typical Application

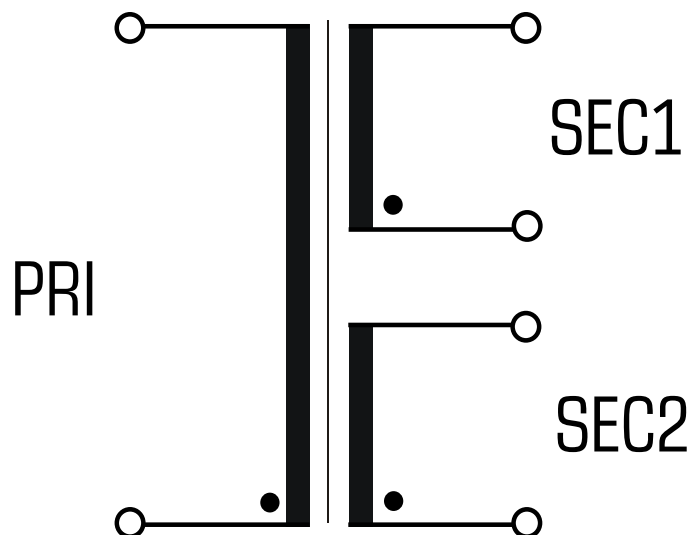
- As a mains transformer for adjustment of the voltage and simple electrical isolation.
- As a safety isolating transformer for the safe electrical isolation of the input and output sides. The transformer is suitable for creating SELV and PELV circuits because of the limit on the output voltage.

## TECHNICAL SPECIFICATION

<u>Version</u>	<u>Rated input voltage</u>	<u>Rated output voltage</u>	<u>Rated Power</u>
PCBM50/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	5VA
PCBM10/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	10VA
PCBM16/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	16VA
PCBM25/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	25VA
PCBM28/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	28VA
PCBM30/2/24	230V <sub>ac</sub>	2x24V <sub>ac</sub>	30VA

PCBM Power/out.volt

## Sample Electrical Schematic



## MECHANICAL DETAILS

## Type

PCBM Power/out.volt

## Terminal and mounting

Fixing method

Fixing points on the case

Terminals

Pins for PCB

## Measures and weights

Pin ( $\phi$ )

0.8 mm

Core type

EI 42/14,8 TO EI 60/25.5

Weight

0.19 kg TO 0.62Kg

## MECHANICAL DESIGN

