

# 50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

## 16W EI 54-18.8-PE5418 SERIES

### FEATURES:

- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 400 grams weight

### OPTIONS:

- Bulk packaging is standard
- Custom design available

### COMMON APPLICATIONS:

- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

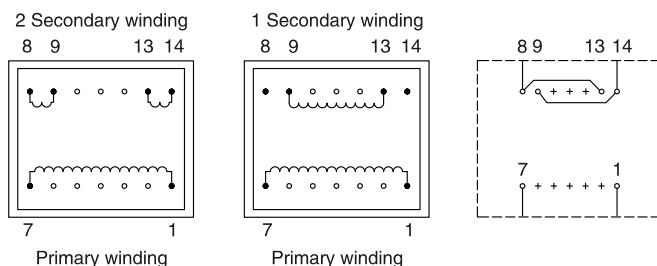
## ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230						PRIMARY VOLTAGE: 115					
Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA	Part Number	Secondary voltage V	Secondary Current m A	No-load voltage V	Ambient Temperature °C	Rating VA
PE541801	6	2667	7.4	T50B	16	PE541813	6	2667	7.4	T50B	16
PE541802	9	1778	11.1	T50B	16	PE541814	9	1778	11.1	T50B	16
PE541803	12	1333	14.7	T50B	16	PE541815	12	1333	14.7	T50B	16
PE541804	15	1067	18.4	T50B	16	PE541816	15	1067	18.4	T50B	16
PE541805	18	889	22.1	T50B	16	PE541817	18	889	22.1	T50B	16
PE541806	24	667	29.3	T50B	16	PE541818	24	667	29.3	T50B	16
PE541807	2 × 6	2 × 1333	2 × 7.4	T50B	16	PE541819	2 × 6	2 × 1333	2 × 7.4	T50B	16
PE541808	2 × 9	2 × 889	2 × 11.1	T50B	16	PE541820	2 × 9	2 × 889	2 × 11.1	T50B	16
PE541809	2 × 12	2 × 667	2 × 14.7	T50B	16	PE541821	2 × 12	2 × 667	2 × 14.7	T50B	16
PE541810	2 × 15	2 × 533	2 × 18.4	T50B	16	PE541822	2 × 15	2 × 533	2 × 18.4	T50B	16
PE541811	2 × 18	2 × 444	2 × 22	T50B	16	PE541823	2 × 18	2 × 444	2 × 22	T50B	16
PE541812*	2 × 24	2 × 333	2 × 29.3	T50B	16	PE541824	2 × 24	2 × 333	2 × 29.3	T50B	16

\* To be noted : 2 x 24 V non safety transformer approved, conform to EN 61558-2-6 (Isolating transformer).

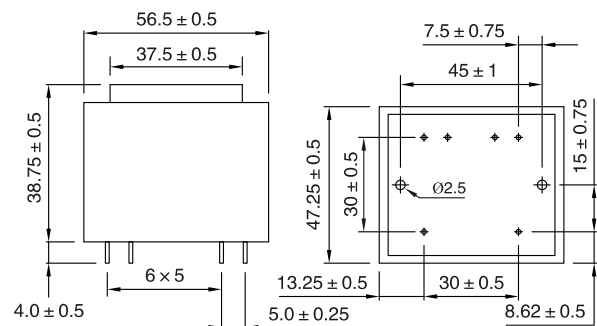
## TECHNICAL INFORMATION

- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Fuse protection on secondary side (see diagram) to be assumed by customer
- 30 V and 36 V models are VDE EN 61558-2-6 certified (production on request)
- Insulation voltage 4 KV
- 100% tested production
- Certification : CCA procedure on request



## PHYSICAL CHARACTERISTICS

All dimensions in mm



Recommended Drill-hole Diameter for 1.3mm pins  
Recommended Drill-hole Diameter for Mountings=4mm