



50/60HZ PCB MOUNT TRANSFORMERS – EI RANGE

16W EI54-18.8-YCPE5418 SERIES

FEATURES:

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

COMMON APPLICATIONS:

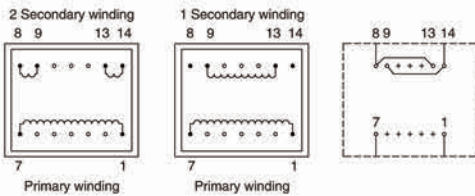
- Medical equipments
- Industrial equipments
- Industrial controls
- Test equipment
- Industrial computers
- Avionics & telecom

OPTIONS:

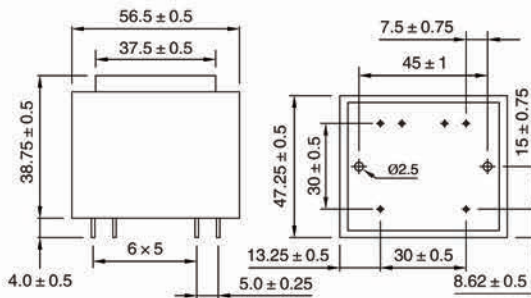
- Bulk packaging is standard
- Custom design available

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



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

All dimensions in mm

ELECTRICAL CHARACTERISTICS

PRIMARY VOLTAGE: 230					
Part Number	Secondary voltage V	Secondary Current mA	No-load voltage V	Ambient Temperature °C	Rating VA
YCPE541801	6	2667	7.4	T50B	16
YCPE541802	9	1778	11.1	T50B	16
YCPE541803	12	1333	14.7	T50B	16
YCPE541804	15	1067	18.4	T50B	16
YCPE541805	18	889	22.1	T50B	16
YCPE541806	24	667	29.3	T50B	16
YCPE541807	2 × 6	2 × 1333	2 × 7.4	T50B	16
YCPE541808	2 × 9	2 × 889	2 × 11.1	T50B	16
YCPE541809	2 × 12	2 × 667	2 × 14.7	T50B	16
YCPE541810	2 × 15	2 × 533	2 × 18.4	T50B	16
YCPE541811	2 × 18	2 × 444	2 × 22	T50B	16
YCPE541812*	2 × 24	2 × 333	2 × 29.3	T50B	16
YCPE541813	6	2667	7.4	T50B	16
YCPE541814	9	1778	11.1	T50B	16
YCPE541815	12	1333	14.7	T50B	16
YCPE541816	15	1067	18.4	T50B	16
YCPE541817	18	889	22.1	T50B	16
YCPE541818	24	667	29.3	T50B	16
YCPE541819	2 × 6	2 × 1333	2 × 7.4	T50B	16
YCPE541820	2 × 9	2 × 889	2 × 11.1	T50B	16
YCPE541821	2 × 12	2 × 667	2 × 14.7	T50B	16
YCPE541822	2 × 15	2 × 533	2 × 18.4	T50B	16
YCPE541823	2 × 18	2 × 444	2 × 22	T50B	16
YCPE541824	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).