

50/60HZ PCB MOUNT TRANSFORMERS – UI RANGE

4W 30 × 5.5–UI 3005 SERIES



FEATURES:

- 115 V–230 V supply voltage by serie/parallel connection
- Vacuum filling
- Two compartments bobbins
- Degree of protection IP 00

OPTIONS:

- Bulk packaging is standard
- Custom design available

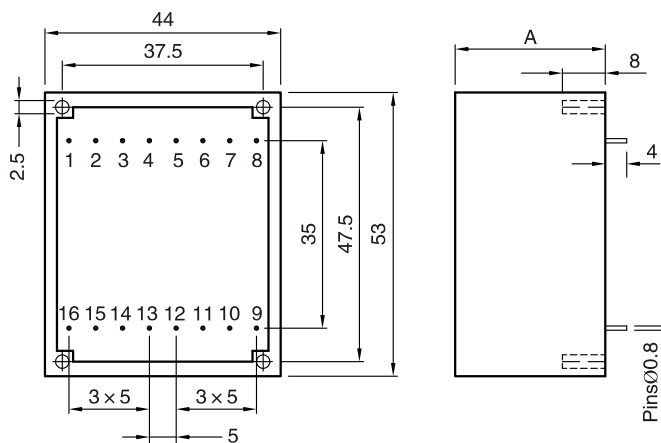
COMMON APPLICATIONS:

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

ELECTRICAL CHARACTERISTICS

| PRIMARY VOLTAGE: 115~230 | | | | |
|--------------------------|---------------------|-----------------------|-------------------|------------------------|
| Part Number | Secondary voltage V | Secondary Current m A | No-load voltage V | Ambient Temperature °C |
| UI 300519 | 2 × 6 | 2 × 333 | 2 × 9.4 | T70B |
| UI 300520 | 2 × 9 | 2 × 222 | 2 × 14.0 | T70B |
| UI 300521 | 2 × 12 | 2 × 167 | 2 × 18.6 | T70B |
| UI 300522 | 2 × 15 | 2 × 133 | 2 × 23.3 | T70B |
| UI 300523 | 2 × 18 | 2 × 111 | 2 × 28.0 | T70B |
| UI 300524 | 2 × 24 | 2 × 83 | 2 × 37.4 | T70B |

PHYSICAL CHARACTERISTICS



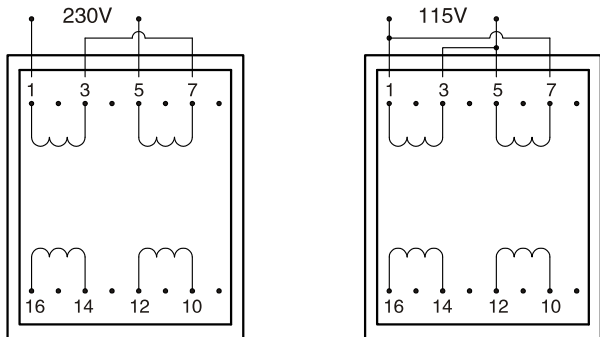
All dimensions in mm

TECHNICAL INFORMATION

- Resin class UL 94 VO
- Fuse protection in secondary winding (see diagram)
- Insulation voltage 4 KV
- 100% tested production
- Conform to EN 61558 Approval under process

| CIRCUIT | RATING | DIMENSION:A | WEIGHT(g) |
|-------------|---------|-------------|-----------|
| UI30 × 5.5 | 2VA/3VA | A=17mm | 125 |
| UI30 × 7.5 | 4VA | A=19mm | 150 |
| UI30 × 10.5 | 6VA | A=22mm | 185 |
| UI30 × 16.5 | 10VA | A=28mm | 260 |

Possible primary connections



Possible secondary connections

