



## 1 Phase EI Transformer TLESS 2Ka

Standard 1 phase 2 chamber EI transformers with screw connectors and brackets for screw fixing. Designed according to the following specifications.

- High quality safety and isolating transformers
- 2 chamber winding for full separation between primary and secondary winding
- Designed for use in general applications
- Secondary fuse protection
- Low noise laminations
- Earth terminal provided
- Standard primary winding 230VAC
- Varnish impregnated for overall protection against humidity and rusting
- Detailed product specification on permanent label
- High efficiency, low regulation design
- 100% electrical and flash tested

### Specifications

Power: 30 - 2000 VA  
Frequency: 50/60 Hz  
Primary: 230 VAC  
Secondary: 6, 9, 12, 15, 18, 24, 42, 48, 115, 230 VAC  
Isolation: 4 kV RMS  
Temp. class: B (130°)  
According to: EN61558



### Technical specification

| Power | Overall Size    | Fixing       | Fixing     | Weight |
|-------|-----------------|--------------|------------|--------|
| [VA]  | L x W x H [mm]  | Centers [mm] | Screw size | [kg]   |
| 30    | 66 x 56 x 88    | 50 x 44,5    | M4         | 0.6    |
| 50    | 66 x 66 x 88    | 50 x 55      | M4         | 0.9    |
| 63    | 78 x 60 x 94    | 56 x 48      | M4         | 1.2    |
| 100   | 84 x 76 x 100   | 64 x 63      | M4         | 2.1    |
| 160   | 96 x 89 x 110   | 84 x 73      | M5         | 2.9    |
| 250   | 96 x 105 x 110  | 84 x 90      | M5         | 3.7    |
| 320   | 120 x 91 x 125  | 90 x 73      | M5         | 4.2    |
| 400   | 120 x 104 x 125 | 90 x 85      | M5         | 5.2    |
| 500   | 120 x 124 x 125 | 90 x 106     | M5         | 6.9    |
| 630   | 150 x 112 x 152 | 122 x 90     | M6         | 7.8    |
| 800   | 150 x 128 x 152 | 122 x 106    | M6         | 10     |
| 1000  | 150 x 156 x 152 | 122 x 134    | M6         | 12.8   |
| 1300  | 174 x 139 x 160 | 135 x 105    | M6         | 14.7   |
| 1600  | 174 x 149 x 160 | 135 x 116    | M6         | 16.7   |
| 2000  | 174 x 169 x 160 | 135 x 136    | M6         | 21.1   |

| Power [VA] | Prim.[V] | Secondary [V] |    |     |     |     |     |     |     |      |     |
|------------|----------|---------------|----|-----|-----|-----|-----|-----|-----|------|-----|
|            |          | 6             | 9  | 12  | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 30         | 230V     | 6             | 9  | 12  | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 50         |          | 6             | 9  | 12  | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 63         |          | 6             | 9  | 12  | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 100        |          | 6*            | 9  | 12  | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 160        |          | 6*            | 9* | 12* | 15  | 18  | 24  | 42  | 48  | 115  | 230 |
| 250        |          |               | 9* | 12* | 15* | 18* | 24  | 42  | 48  | 115  | 230 |
| 320        |          |               |    | 12* | 15* | 18* | 24* | 42  | 48  | 115  | 230 |
| 400        |          |               |    |     |     | 18* | 24* | 42  | 48  | 115  | 230 |
| 500        |          |               |    |     |     |     | 24* | 42* | 48  | 115  | 230 |
| 630        |          |               |    |     |     |     | 24* | 42* | 48* | 115  | 230 |
| 800        |          |               |    |     |     |     | 24* | 42* | 48* | 115  | 230 |
| 1000       |          |               |    |     |     |     | 24* | 42* | 48* | 115  | 230 |
| 1300       |          |               |    |     |     |     |     |     |     | 115* | 230 |
| 1600       |          |               |    |     |     |     |     |     |     | 115* | 230 |
| 2000       |          |               |    |     |     |     |     |     |     | 115* | 230 |

\*) no fuse