## Toroidal Transformer Data Sheet

### Open Style, with leads, 230V Primary, 80VA

- **Primary Winding**
  - Input Voltage: 230V±10% @ 50/60Hz
  - DC Resistance @25°C = 28 Ohms (approx)
  - Magnetising Current @ 230V = 85.0mA (approx)
  - Magnetising Current @ 253V = 225.0mA (approx)

- **Losses**
  - Iron Losses: 5.50 Watts (approx)
  - Copper Losses: 13.9 Watts (approx)

- **Temperature Class**
  - Winding Wire (Primary & Secondary): Class H (180°C)
  - Insulation between input and output: Class B (130°C)
  - Connection lead insulation: Class A (105°C)

- **Standards**
  - Designed, manufactured and tested according to the requirements of:
    - EN61558 Class II, Non-Short-Circuit Proof
    - VDE0570 Class II
    - IEC61558 Class II
    - UL506

### Physical Data

- Approximation Dimension: Diameter 93mm*
- Height: 38mm
  - *Measured away from leadout bulge, allow extra 4mm at leads
- Approximate weight: 1.04 Kg

### Terminations

- **Primary**
  - Solid Copper Conductors (Extension of winding wire)
  - double Insulated over their entire length with PVC tubing
  - 150mm Long, with 10mm tinned ends.

- **Secondary**
  - Solid copper conductors (extension of winding wire)
  - insulated over their entire length with PVC tubing
  - 150mm Long, with 10mm tinned ends.

## Transformer Specifications

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