

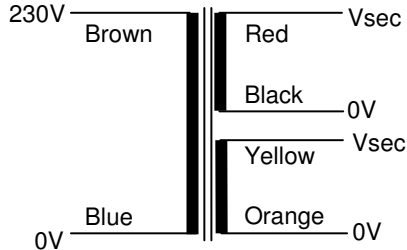


Toroidal Transformer Data Sheet

Standard Power Transformers 300VA
230V Primaries, Dual Secondaries



High quality open style toroidal transformers with a single 230V a.c. 50/60Hz primary winding..
 Twin secondary windings may be connected in series or parallel or used independently.



Primary: 230V @ 50/60Hz

Secondary: 2 x Vsec @ 150VA Each
 Suitable for Series/Parallel connection

Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C
0300P1-2-025	2 x 25	6.000	2 x 26.85	2 x 0.1677
0300P1-2-030	2 x 30	5.000	2 x 32.52	2 x 0.2300
0300P1-2-035	2 x 35	4.286	2 x 37.88	2 x 0.3010
0300P1-2-055	2 x 55	2.727	2 x 59.66	2 x 0.8141

Primary Winding
 Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
 DC Resistance @ 25°C = Approx 4.7 Ohms
 Magnetising Current @ 230V = Approx 16.5mA
 Magnetising Current @ 253V = Approx 77.0mA

Losses
 Iron Losses 1.59 Watts approx
 Copper Losses 37.5 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
 Approved to UL506 : File E215495
 Approved to EN61558 : KEMA Certificate 2060938
 Conforms to EN60065, VDE0550, BS415.

Physical Data
 Approximate Dimensions Diameter 115mm*
 Height 58mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
 Approximate Weight 2.30 Kg

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

Mounting Hardware
 Each transformer is supplied with a mounting kit, comprising:
 Neoprene Insulating disc 2 pieces
 Dished Steel Washer 1 piece