

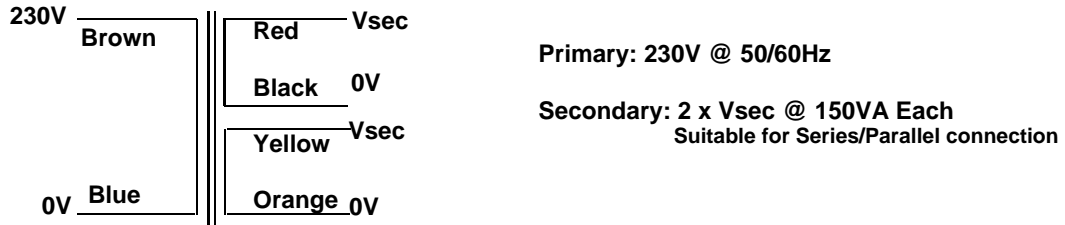


# Toroidal Transformer Data Sheet

Standard Power Transformers 300VA



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.



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
0300P1-2-030	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

<b>Primary Winding</b>	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	
<b>Losses</b>	Iron Losses 1.59 Watts approx Copper Losses 37.5 Watts approx	
<b>Temperature Class</b>	Winding Wire (Primary & Secondary) Insulation between input and output Connection lead insulation	Class H (180°C) Class B (130°C) Class A (105°C)
<b>Standards</b>	Approved to UL506 : File E215495 Approved to EN61558 : KEMA Certificate 2001469 Conforms to EN60065, VDE0550, BS415.	
<b>Physical Data</b>	Approximate Dimensions	Diameter 115mm* Height 58mm * Measured away from leadout bulge; Allow extra 4mm at leads.
	Approximate Weight	2.30 Kg
<b>Terminations</b>	<b>Primary</b>	Solid copper conductors (extension of winding wire), insulated over their entire length with PVC tubing. Double-insulated over entire length with Class A PVC tubing. 150mm Long, 10mm tinned ends.
	<b>Secondary</b>	Solid copper conductors (extension of winding wire), insulated over their entire length with PVC tubing. 150mm Long, 10mm tinned ends.
<b>Mounting Hardware</b>	Each transformer is supplied with a mouting kit, comprising: Neoprene Insulating disc 2 pieces Dished Steel Washer 1 piece	

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