

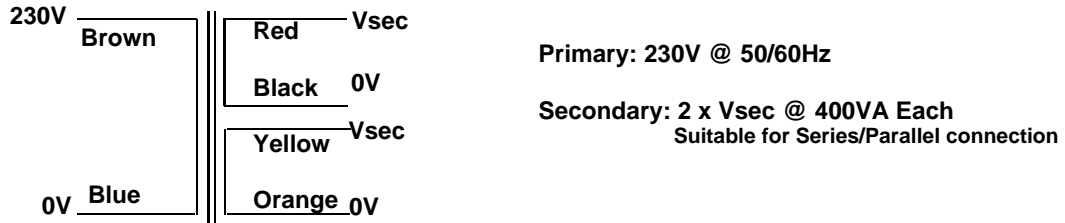


# Toroidal Transformer Data Sheet

Standard Power Transformers 800VA



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
0800P1-2-040	2 x 40	10.000	2 x 42.38	2 x 0.1952
0800P1-2-045	2 x 45	8.889	2 x 47.62	2 x 0.1345
0800P1-2-050	2 x 50	8.000	2 x 52.86	2 x 0.1673
0800P1-2-055	2 x 55	7.273	2 x 58.10	2 x 0.1844

<b>Primary Winding</b>	Input Voltage Range : 207V – 253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 1.3 Ohms Magnetising Current @ 230V = Approx 33.1mA Magnetising Current @ 253V = Approx 112.0mA	
<b>Losses</b>	Iron Losses 3.65 Watts approx Copper Losses 49.5 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 162mm* Height 60mm * Measured away from leadout bulge; Allow extra 4mm at leads.
	Approximate Weight	5.10 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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