

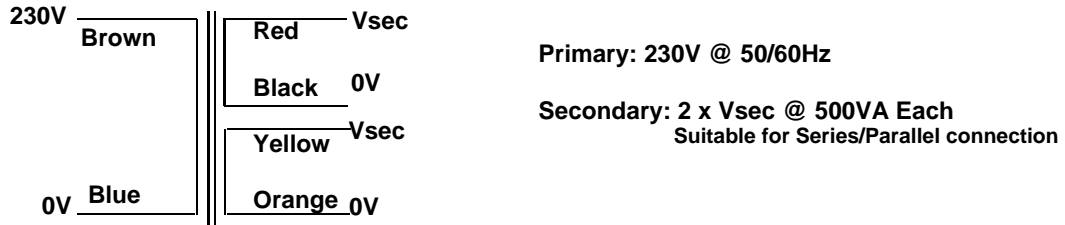


Toroidal Transformer Data Sheet

Standard Power Transformers 1000VA



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
1000P1-2-040	2 x 40	12.500	2 x 41.76	2 x 0.0677
1000P1-2-045	2 x 45	11.111	2 x 47.06	2 x 0.0851
1000P1-2-050	2 x 50	10.000	2 x 52.35	2 x 0.1171
1000P1-2-055	2 x 55	9.091	2 x 57.65	2 x 0.1299

Primary Winding	Input Voltage Range : 207V – 253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 1.1 Ohms Magnetising Current @ 230V = Approx 38.1mA Magnetising Current @ 253V = Approx 97.0mA	
Losses	Iron Losses 4.55 Watts approx Copper Losses 55.0 Watts approx	
Temperature Class	Winding Wire (Primary & Secondary) Insulation between input and output Connection lead insulation	Class H (180°C) Class B (130°C) Class A (105°C)
Standards	Approved to UL506 : File E215495 Approved to EN61558 : KEMA Certificate 2001469 Conforms to EN60065, VDE0550, BS415.	
Physical Data	Approximate Dimensions	Diameter 162mm* Height 70mm * Measured away from leadout bulge; Allow extra 4mm at leads.
	Approximate Weight	6.50 Kg
Terminations	Primary	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.
	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 mouting kit, comprising: Neoprene Insulating disc 2 pieces Dished Steel Washer 1 piece	

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