

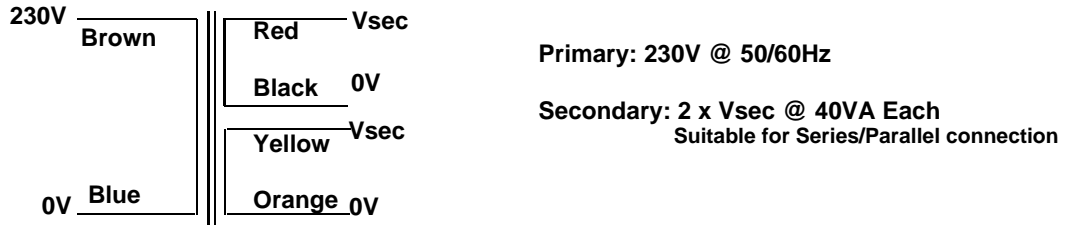


Toroidal Transformer Data Sheet

Standard Power Transformers 80VA



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
0080P1-2-009	2 x 9	4.444	2 x 10.31	2 x 0.1642
0080P1-2-012	2 x 12	3.333	2 x 13.60	2 x 0.2702
0080P1-2-015	2 x 15	2.667	2 x 17.11	2 x 0.4247
0080P1-2-018	2 x 18	2.222	2 x 20.50	2 x 0.5703
0080P1-2-025	2 x 25	1.600	2 x 28.55	2 x 1.1433
0080P1-2-055	2 x 55	0.727	2 x 63.33	2 x 6.2836

Primary Winding	Input Voltage Range : 207V – 253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 28 Ohms Magnetising Current @ 230V = Approx 5.6mA Magnetising Current @ 253V = Approx 31.0mA		
Losses	Iron Losses	0.49 Watts approx	
	Copper Losses	13.8 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 2001469 Conforms to EN60065, VDE0550, BS415.		
Physical Data	Approximate Dimensions	Diameter	93mm*
		Height	38mm
		* Measured away from leadout bulge; Allow extra 4mm at leads.	
	Approximate Weight	0.90 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 mounting kit, comprising: Neoprene Insulating disc 2 pieces Dished Steel Washer 1 piece		

Document Ref : 0080P1_0209