

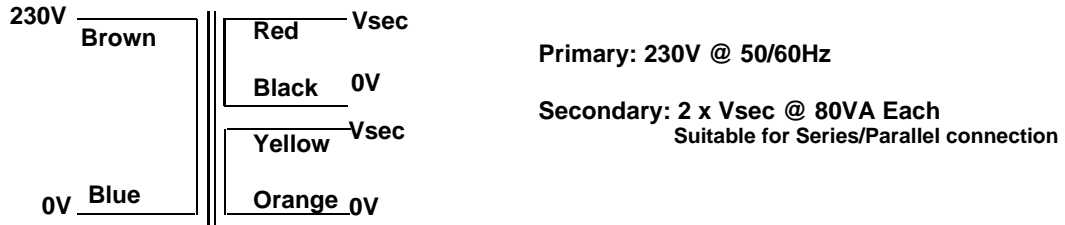


Toroidal Transformer Data Sheet

Standard Power Transformers 160VA



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
0160P1-2-012	2 x 12	6.667	2 x 13.26	2 x 0.0909
0160P1-2-015	2 x 15	5.333	2 x 16.63	2 x 0.1469
0160P1-2-018	2 x 18	4.444	2 x 19.79	2 x 0.1974
0160P1-2-025	2 x 25	3.200	2 x 27.31	2 x 0.3772
0160P1-2-030	2 x 30	2.667	2 x 32.86	2 x 0.5638
0160P1-2-055	2 x 55	1.455	2 x 60.17	2 x 1.8566

Primary Winding	Input Voltage Range : 207V – 253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 10 Ohms Magnetising Current @ 230V = Approx 10.4mA Magnetising Current @ 253V = Approx 57.0mA		
Losses	Iron Losses 0.93 Watts approx Copper Losses 18.0 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	105mm*
		Height	42mm
		* Measured away from leadout bulge; Allow extra 4mm at leads.	
	Approximate Weight	1.50 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 mounting kit, comprising: Neoprene Insulating disc 2 pieces Dished Steel Washer 1 piece		

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Ireland : ++353 75 48666 – Germany ++4989 841 000 - Czech Rep:++420 19 722 4979 – India ++91 427 387 492
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