

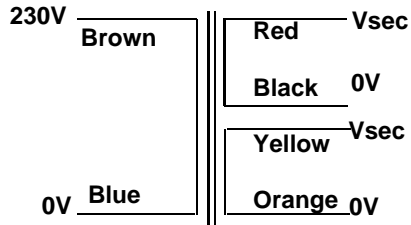


Toroidal Transformer Data Sheet

Standard Power Transformers 225VA



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.



Primary: 230V @ 50/60Hz

Secondary: 2 x Vsec @ 112.5VA Each
Suitable for Series/Parallel connection

Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C
0225P1-2-012	2 x 12	9.375	2 x 13.14	2 x 0.0574
0225P1-2-015	2 x 15	7.500	2 x 16.32	2 x 0.0901
0225P1-2-018	2 x 18	6.250	2 x 19.71	2 x 0.1245
0225P1-2-025	2 x 25	4.500	2 x 27.42	2 x 0.2491
0225P1-2-030	2 x 30	3.750	2 x 32.86	2 x 0.3709
0225P1-2-055	2 x 55	2.045	2 x 59.82	2 x 1.1809

Primary Winding	Input Voltage Range : 207V – 253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 7.3 Ohms Magnetising Current @ 230V = Approx 13.5mA Magnetising Current @ 253V = Approx 73.0mA		
Losses	Iron Losses	1.19 Watts approx	
	Copper Losses	25.0 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	112mm*
		Height	47mm
		* Measured away from leadout bulge; Allow extra 4mm at leads.	
	Approximate Weight	1.90 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		

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