

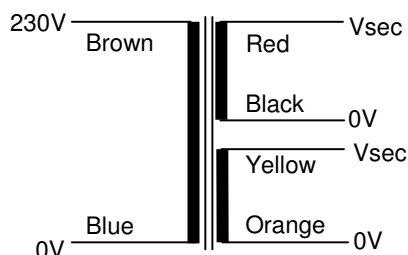


## Toroidal Transformer Data Sheet

Standard Power Transformers 225VA  
230V Primaries, Dual Secondaries



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 2060938  
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 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