

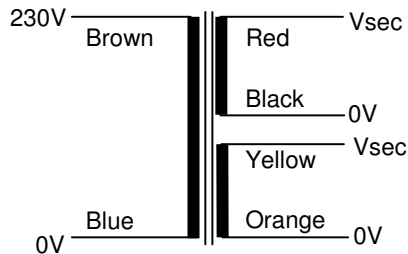


Toroidal Transformer Data Sheet

Standard Power Transformers 30VA
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 @ 15VA 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
0030P1-2-006	2 x 6	2.500	2 x 7.17	2 x 0.2551
0030P1-2-009	2 x 9	1.667	2 x 10.65	2 x 0.5510
0030P1-2-012	2 x 12	1.250	2 x 14.19	2 x 0.9201
0030P1-2-015	2 x 15	1.000	2 x 17.74	2 x 1.4488
0030P1-2-018	2 x 18	0.833	2 x 21.44	2 x 2.2213
0030P1-2-025	2 x 25	0.600	2 x 29.75	2 x 4.2757

Primary Winding Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
 DC Resistance @ 25°C = Approx 92 Ohms
 Magnetising Current @ 230V = Approx 2.8mA
 Magnetising Current @ 253V = Approx 16.0mA

Losses Iron Losses 0.25 Watts approx
 Copper Losses 6.71 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 70mm*
 Height 32mm
 * Measured away from leadout bulge; Allow extra 4mm at leads.
 Approximate Weight 0.45 Kg

Terminations Primary UL1569 Flexible leads, 150mm Long with 10mm stripped ends, double-insulated over entire length with PVC tubing.
 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