



160VA-230V

Toroidal Power Transformer

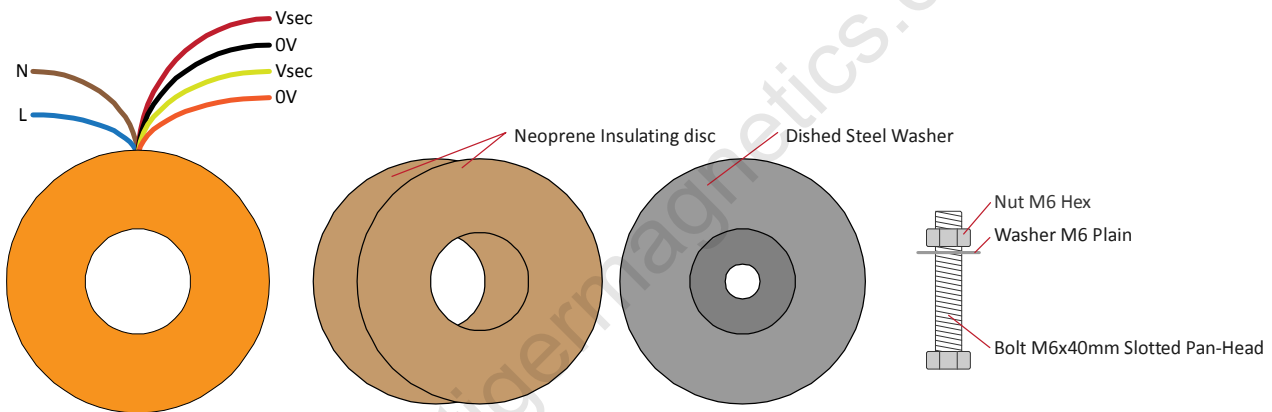
160VA Series 230V Primary

High quality open style toroidal transformers with a single 230V/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 @80VA 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
RS0160P1-2-012	2 x 12	6.667	2 x 13.26	2 x 0.0909
RS0160P1-2-015	2 x 15	5.333	2 x 16.63	2 x 0.1469
RS0160P1-2-018	2 x 18	4.444	2 x 19.79	2 x 0.1974
RS0160P1-2-025	2 x 25	3.2	2 x 27.31	2 x 0.3772
RS0160P1-2-030	2 x 30	2.667	2 x 32.86	2 x 0.5638
RS0160P1-2-055	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	
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)
Physical Data	Diameter Ø: 105mm* Height :42mm Weight: ~1.50 Kg * Measured away from leadout bulge; Allow extra 4mm at leads.	
Terminations	Primary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. Double-insulated over entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.	
	Secondary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.	
Mounting HW	2x Neoprene Insulating disc 1x Dished Steel Washer 1x Bolt M6x40mm Slotted Pan-Head 1x Washer M6 Plain 1x Nut M6 Hex	