



500VA-230V

Toroidal Power Transformer

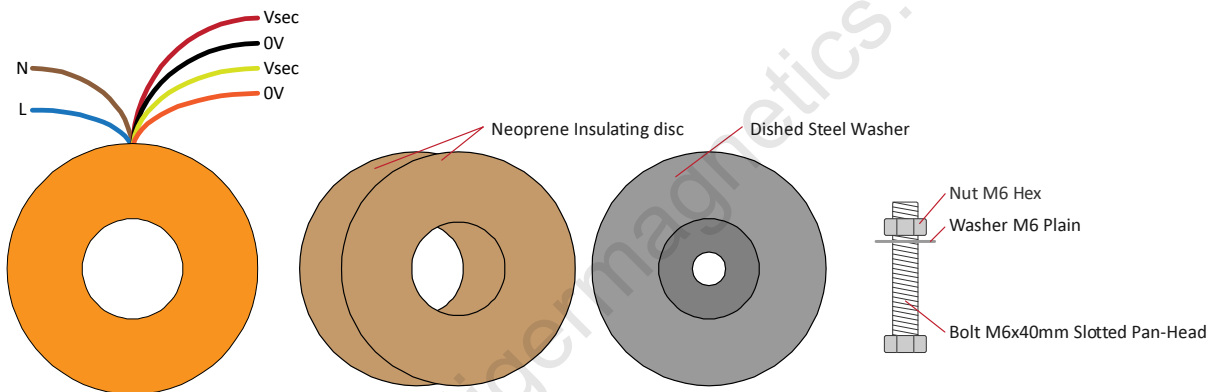
500VA Series 230V Primary

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 @250VA 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
RS0500P1-2-025	2x25	10.000	2x26.71	2x0.0789
RS0500P1-2-030	2x30	8.333	2x32.27	2x0.1188
RS0500P1-2-035	2x35	7.143	2x37.47	2x0.1561
RS0500P1-2-040	2x40	6.250	2x43.03	2x0.2043
RS0500P1-2-045	2x45	5.556	2x48.59	2x0.2645
RS0500P1-2-050	2x50	5.000	2x53.42	2x0.3267
RS0500P1-2-055	2x55	4.545	2x58.61	2x0.3614



Primary Winding	Input Voltage Range : 207V–253V (230V ±10%) @50/60Hz DC Resistance @ 25°C = Approx 2.5 Ohms	
Losses	Iron Losses 2.36 Watts approx Copper Losses 37.5 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: 136mm* Height :60mm Weight: ~3.50 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 M8x70mm Slotted Pan-Head 1x Washer M8 Plain 1x Nut M8 Hex	