



# 800VA-230V

## Toroidal Power Transformer

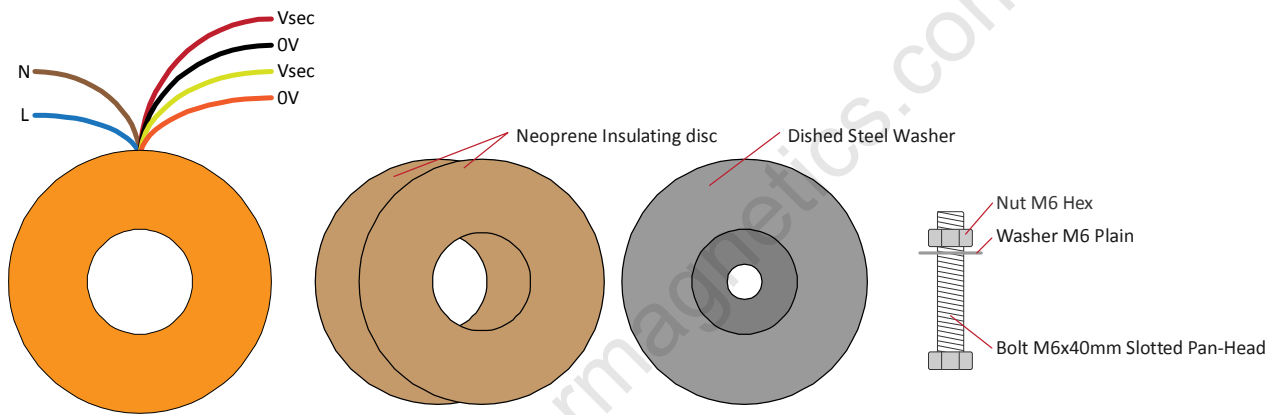
800VA Series 230V Primary

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 @400VA 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
RS0800P1-2-040	2x40	10.000	2x42.38	2x0.1952
RS0800P1-2-045	2x45	8.889	2x47.62	2x0.1345
RS0800P1-2-050	2x50	8.000	2x52.86	2x0.1673
RS0800P1-2-055	2x55	7.273	2x58.10	2x0.1844



Primary Winding	Input Voltage Range : 207V–253V (230V ±10%) @50/60Hz DC Resistance @ 25°C = Approx 1.3 Ohms	
Losses	Iron Losses	3.65 Watts approx
	Copper Losses	49.5 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 : 162mm* Height : 60mm Weight : ~5.10 Kg * Measured away from leadout bulge; Allow extra 4mm at leads.	
Terminations	<p>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.</p> <p>Secondary Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.</p>	
Mounting HW	2x Neoprene Insulating disc 1x Dished Steel Washer 1x Bolt M8x70mm Slotted Pan-Head 1x Washer M8 Plain 1x Nut M8 Hex	