



# 80VA-230V

## Toroidal Power Transformer

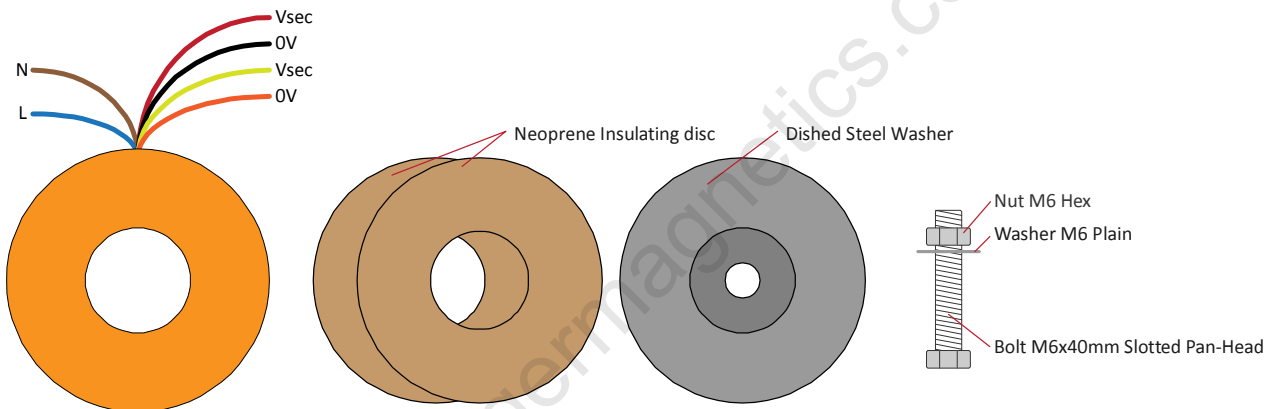
80VA Series 230V Primary

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 @40VA 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
RS0080P1-2-009	2x9	4.444	2x10.31	2x0.1642
RS0080P1-2-012	2x12	3.333	2x13.60	2x0.2702
RS0080P1-2-015	2x15	2.667	2x17.11	2x0.4247
RS0080P1-2-018	2x18	2.222	2x20.50	2x0.5703
RS0080P1-2-025	2x25	1.600	2x28.55	2x1.1433
RS0080P1-2-055	2x55	0.727	2x63.33	2x6.2836



Primary Winding	Input Voltage Range : 207V–253V (230V ±10%) @ 50/60Hz DC Resistance @ 25°C = Approx 28 Ohms	
Losses	Iron Losses	0.49 Watts approx
	Copper Losses	13.8 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: 93mm* Height :38mm Weight: ~0.45 Kg * Measured away from leadout bulge; Allow extra 4mm at leads.	
Terminations	<b>Primary</b> Flexible equipment wire UL Style 1569 (105°C), CSA Type TR-64 (90°C). Double-insulated over entire length with 105°C PVC tubings. 150mm Long, 10mm tinned ends.	
	<b>Secondary</b> 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 M6x50mm Slotted Pan-Head 1x Washer M6 Plain 1x Nut M6 Hex	