



50VA-230V

Toroidal Power Transformer

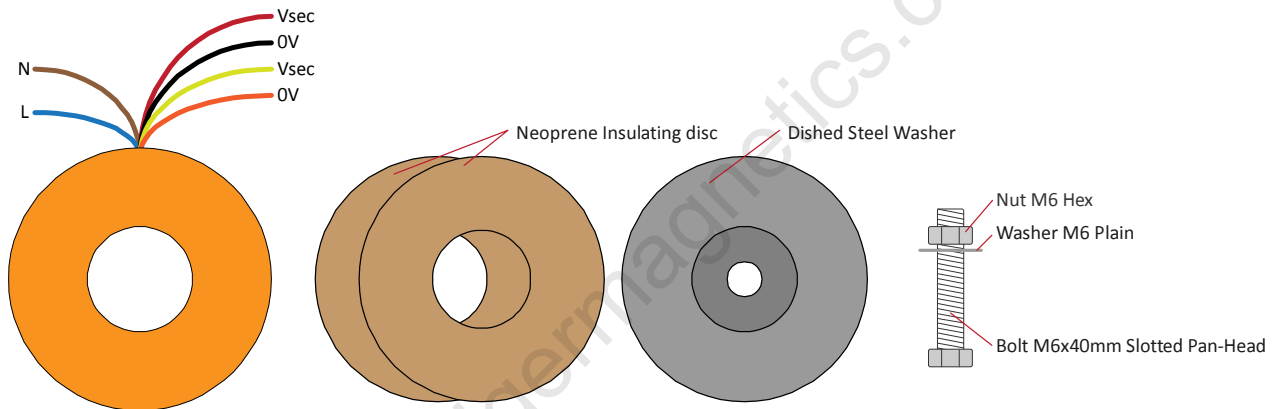
50VA Series 230V Primary

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 @25VA 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
RS0050P1-2-006	2x6	4.167	2x6.80	2x0.0914
RS0050P1-2-009	2x9	2.778	2x10.20	2x0.2139
RS0050P1-2-012	2x12	2.083	2x13.71	2x0.3977
RS0050P1-2-015	2x15	1.667	2x17.22	2x0.6411
RS0050P1-2-018	2x18	1.389	2x20.39	2x0.8519
RS0050P1-2-025	2x25	1.000	2x28.78	2x1.9135
RS0050P1-2-055	2x55	0.455	2x63.22	2x9.4110



Primary Winding	Input Voltage Range : 207V–253V (230V ±10%) @ 50/60Hz DC Resistance @ 25°C = Approx 49 Ohms	
Losses	Iron Losses 0.41 Watts approx Copper Losses 8.35 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: 80mm* Height :33mm Weight: ~0.45 Kg * Measured away from leadout bulge; Allow extra 4mm at leads.	
Terminations	<p>Primary</p> <p>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.</p> <p>Secondary</p> <p>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 M6x40mm Slotted Pan-Head 1x Washer M6 Plain 1x Nut M6 Hex	