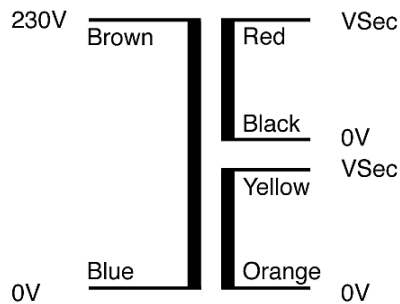




Toroidal Transformer Data Sheet

50VA Open Style, with Leads.
230V Primary, Dual Secondaries

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



RS Part No.	Nuvotem Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C	DEKRA Certificate
223-7872	RS0050P1-2-006	2 x 6	4.167	2 x 6.80	2 x 0.0914	2161054.01
223-7888	RS0050P1-2-009	2 x 9	2.778	2 x 10.20	2 x 0.2139	2161054.01
223-7894	RS0050P1-2-012	2 x 12	2.083	2 x 13.71	2 x 0.3977	2161054.01
223-7901	RS0050P1-2-015	2 x 15	1.667	2 x 17.22	2 x 0.6411	2161054.01
223-7917	RS0050P1-2-018	2 x 18	1.389	2 x 20.39	2 x 0.8519	2161054.01
223-7939	RS0050P1-2-025	2 x 25	1.000	2 x 28.78	2 x 1.9135	2161054.02
223-7945	RS0050P1-2-055	2 x 55	0.455	2 x 63.22	2 x 9.4110	2161054.02

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)	
Standards	Approved to UL506 & UL5085 : File E215495 Approved to EN61558 : DEKRA Certificates 2161054.01 or 2161054.02 (see table above) Conforms to EN60065, VDE0550, BS415.		
Physical Data	Approximate Dimensions	Diameter	80mm*
		Height	33mm
	Approximate Weight	0.45 Kg	
	* Measured away from leadout bulge; Allow extra 4mm at leads.		
Terminations	Primary	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.	
	Secondary	Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.	
Mounting Hardware	Each transformer is supplied with a mounting kit, comprising:		
	Neoprene Insulating disc	2 pieces	
	Dished Steel Washer	1 piece	
	Bolt M6x40mm Slotted Pan-Head	1 piece	
	Washer M6 Plain	1 piece	
	Nut M6 Hex	1 piece	