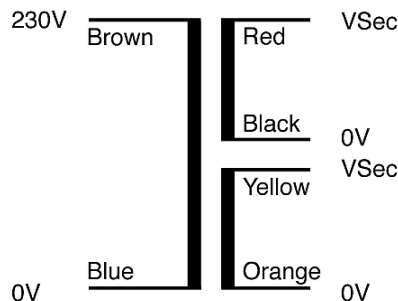




Toroidal Transformer Data Sheet

500VA 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 @ 250VA 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
223-8257	RS0500P1-2-025	2 x 25	10.000	2 x 26.71	2 x 0.0789	2161054.02
223-8263	RS0500P1-2-030	2 x 30	8.333	2 x 32.27	2 x 0.1188	2161054.02
223-8279	RS0500P1-2-035	2 x 35	7.143	2 x 37.47	2 x 0.1561	2161054.02
223-8285	RS0500P1-2-040	2 x 40	6.250	2 x 43.03	2 x 0.2043	2161054.02
223-8291	RS0500P1-2-045	2 x 45	5.556	2 x 48.59	2 x 0.2645	2161054.02
223-8308	RS0500P1-2-050	2 x 50	5.000	2 x 53.42	2 x 0.3267	2161054.02
223-8314	RS0500P1-2-055	2 x 55	4.545	2 x 58.61	2 x 0.3614	2161054.02

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)	
Standards	Approved to UL506 & UL5085 : File E215495 Approved to EN61558 : DEKRA Certificate 2161054.02 Conforms to EN60065, VDE0550, BS415.		
Physical Data	Approximate Dimensions	Diameter	136mm*
		Height	60mm
	Approximate Weight	3.50 Kg	
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 Hardware	Each transformer is supplied with a mounting kit, comprising:		
	Neoprene Insulating disc	2 pieces	
	Dished Steel Washer	1 piece	
	Bolt M8x70mm Slotted Pan-Head	1 piece	
	Washer M8 Plain	1 piece	
	Nut M8 Hex	1 piece	