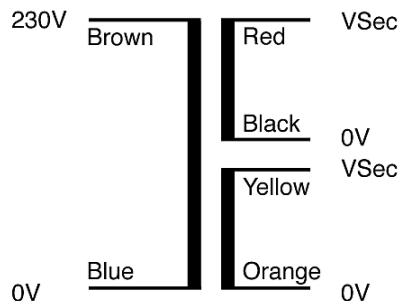




Toroidal Transformer Data Sheet

160VA 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 @ 80VA 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
223-8061	RS0160P1-2-012	2 x 12	6.667	2 x 13.26	2 x 0.0909	2161054.01
223-8077	RS0160P1-2-015	2 x 15	5.333	2 x 16.63	2 x 0.1469	2161054.01
223-8083	RS0160P1-2-018	2 x 18	4.444	2 x 19.79	2 x 0.1974	2161054.01
223-8106	RS0160P1-2-025	2 x 25	3.200	2 x 27.31	2 x 0.3772	2161054.02
223-8112	RS0160P1-2-030	2 x 30	2.667	2 x 32.86	2 x 0.5638	2161054.02
223-8128	RS0160P1-2-055	2 x 55	1.455	2 x 60.17	2 x 1.8566	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 10 Ohms		
Losses	Iron Losses	0.93 Watts approx	
	Copper Losses	18.0 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 and 2161054.02 (see table above) Conforms to EN60065, VDE0550, BS415.		
Physical Data	Approximate Dimensions	Diameter	105mm*
		Height	42mm
	Approximate Weight	* Measured away from leadout bulge: Allow extra 4mm at leads. 1.50 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 M6x60mm Slotted Pan-Head	1 piece	
	Washer M6 Plain	1 piece	
	Nut M6 Hex	1 piece	