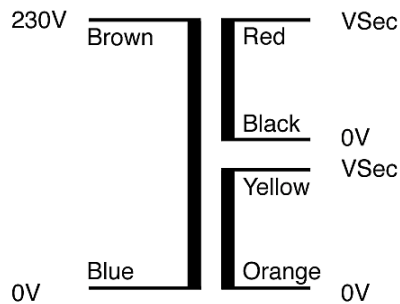




Toroidal Transformer Data Sheet

80VA 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 @ 40VA 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
223-7951	RS0080P1-2-009	2 x 9	4.444	2 x 10.31	2 x 0.1642	2161054.01
223-7967	RS0080P1-2-012	2 x 12	3.333	2 x 13.60	2 x 0.2702	2161054.01
223-7973	RS0080P1-2-015	2 x 15	2.667	2 x 17.11	2 x 0.4247	2161054.01
223-7989	RS0080P1-2-018	2 x 18	2.222	2 x 20.50	2 x 0.5703	2161054.01
223-7995	RS0080P1-2-025	2 x 25	1.600	2 x 28.55	2 x 1.1433	2161054.02
223-8005	RS0080P1-2-055	2 x 55	0.727	2 x 63.33	2 x 6.2836	2161054.02

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)	
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	93mm*
		Height	38mm
		* Measured away from leadout bulge: Allow extra 4mm at leads.	
	Approximate Weight	0.45 Kg	
Terminations	Primary	Solid copper conductors (extension of winding wire), insulated over entire length with 105°C PVC tubing 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 M6x50mm Slotted Pan-Head	1 piece	
	Washer M6 Plain	1 piece	
	Nut M6 Hex	1 piece	