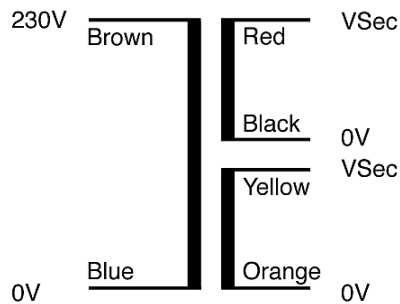


Toroidal Transformer Data Sheet

1000VA 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 @ 500VA Each
 Suitable for Series/Parallel connection



Nuvotem Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C	DEKRA Certificate
1000P1-2-040	2 x 40	12.500	2 x 41.76	2 x 0.0677	2161054.02
1000P1-2-045	2 x 45	11.111	2 x 47.06	2 x 0.0851	2161054.02
1000P1-2-050	2 x 50	10.000	2 x 52.35	2 x 0.1171	2161054.02
1000P1-2-055	2 x 55	9.091	2 x 57.65	2 x 0.1299	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx. 1.1 Ohms		
Losses	Iron Losses	4.55 Watts approx.	
	Copper Losses	55.0 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 Certificate 2161054.02 Conforms to EN60065, VDE0550, BS415.		
Physical Data	Approximate Dimensions	Diameter	162mm*
		Height	70mm
	Approximate Weight	* Measured away from leadout bulge; Allow extra 4mm at leads. 5.10 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		