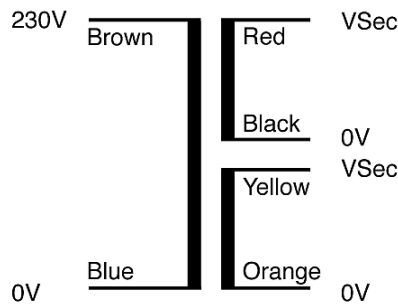




Toroidal Transformer Data Sheet

225VA Encapsulated Style, with Leads.
230V Primary, Dual Secondaries

High quality encapsulated 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 @ 112.5VA 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
223-8803	RS0225P1-2-012K	2 x 12	9.375	2 x 13.14	2 x 0.0574	2161054.01
223-8819	RS0225P1-2-015K	2 x 15	7.500	2 x 16.32	2 x 0.0901	2161054.01
223-8825	RS0225P1-2-018K	2 x 18	6.250	2 x 19.71	2 x 0.1245	2161054.01
223-8831	RS0225P1-2-025K	2 x 25	4.500	2 x 27.42	2 x 0.2491	2161054.02
223-8847	RS0225P1-2-030K	2 x 30	3.750	2 x 32.86	2 x 0.3709	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 7.3 Ohms	
Losses	Iron Losses	1.19 Watts approx
	Copper Losses	25.0 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	Encapsulated in Black Cylindrical Case, with 6.1mm centre hole. Case Diameter 125.8mm Case Height 52.4mm	
	Approximate Weight	2.10 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.