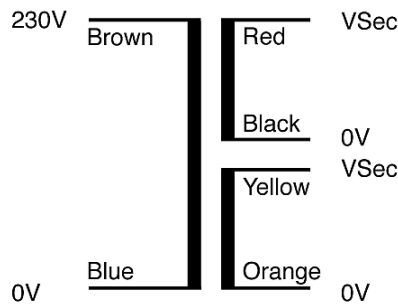




Toroidal Transformer Data Sheet

30VA 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 @ 15VA 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
223-8516	RS0030P1-2-006K	2 x 6	2.500	2 x 7.17	2 x 0.2551	2161054.01
223-8522	RS0030P1-2-009K	2 x 9	1.667	2 x 10.65	2 x 0.5510	2161054.01
223-8538	RS0030P1-2-012K	2 x 12	1.250	2 x 14.19	2 x 0.9201	2161054.01
223-8544	RS0030P1-2-015K	2 x 15	1.000	2 x 17.74	2 x 1.4488	2161054.01
223-8550	RS0030P1-2-018K	2 x 18	0.833	2 x 21.44	2 x 2.2213	2161054.01
223-8566	RS0030P1-2-025K	2 x 25	0.600	2 x 29.75	2 x 4.2757	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 92 Ohms	
Losses	Iron Losses 0.25 Watts approx Copper Losses 6.71 Watts approx.	
Temperature Class	Winding Wire (Primary & Secondary) Insulation between input and output Connection lead insulation	Class H (180°C) Class B (130°C) 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	Encapsulated in Black Cylindrical Case, with 5.1mm centre hole. Case Diameter 81.3mm Case Height 39.1mm Approximate Weight 0.58 Kg	
Terminations	Primary	Flexible equipment wire UL Style 1569 (105°C), CSA Type TR-64 (90°C) 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.