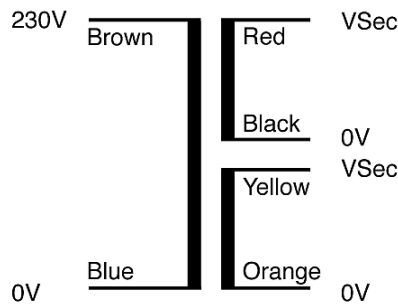




Toroidal Transformer Data Sheet

120VA 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 @ 60VA 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
223-8702	RS0120P1-2-012K	2 x 12	5.000	2 x 13.42	2 x 0.1336	2161054.01
223-8724	RS0120P1-2-015K	2 x 15	4.000	2 x 16.82	2 x 0.2098	2161054.01
223-8730	RS0120P1-2-018K	2 x 18	3.333	2 x 20.04	2 x 0.6182	2161054.01
223-8746	RS0120P1-2-025K	2 x 25	2.400	2 x 28.02	2 x 0.6675	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 16 Ohms	
Losses	Iron Losses	0.73 Watts approx
	Copper Losses	15.2 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 104.2mm Case Height 52.1mm	
	Approximate Weight	1.33 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.