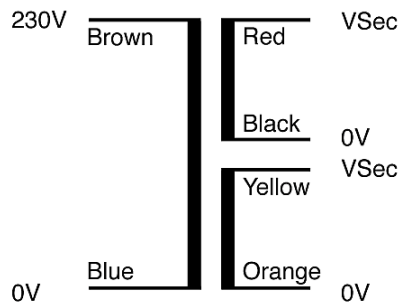




Toroidal Transformer Data Sheet

50VA 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 @ 25VA 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
223-8572	RS0050P1-2-006K	2 x 6	4.167	2 x 6.80	2 x 0.0914	2161054.01
223-8588	RS0050P1-2-009K	2 x 9	2.778	2 x 10.20	2 x 0.2139	2161054.01
223-8601	RS0050P1-2-012K	2 x 12	2.083	2 x 13.71	2 x 0.3977	2161054.01
223-8617	RS0050P1-2-015K	2 x 15	1.667	2 x 17.22	2 x 0.6411	2161054.01
223-8623	RS0050P1-2-018K	2 x 18	1.389	2 x 20.39	2 x 0.8519	2161054.01
223-8639	RS0050P1-2-025K	2 x 25	1.000	2 x 28.78	2 x 1.9135	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 49 Ohms	
Losses	Iron Losses	0.41 Watts approx
	Copper Losses	8.35 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	Encapsulated in Black Cylindrical Case, with 5.1mm centre hole. Case Diameter 87.3mm Case Height 41.7mm	
	Approximate Weight	0.74 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.