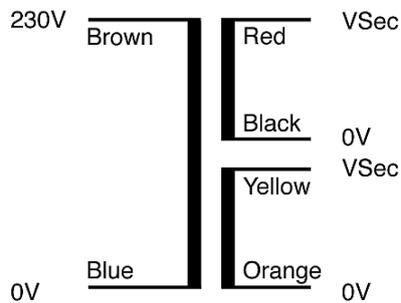




Toroidal Transformer Data Sheet

80VA 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 @ 40VA 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
223-8645	RS0080P1-2-009K	2 x 9	4.444	2 x 10.31	2 x 0.1642	2161054.01
223-8667	RS0080P1-2-012K	2 x 12	3.333	2 x 13.60	2 x 0.2702	2161054.01
223-8673	RS0080P1-2-015K	2 x 15	2.667	2 x 17.11	2 x 0.4247	2161054.01
223-8389	RS0080P1-2-018K	2 x 18	2.222	2 x 20.50	2 x 0.5703	2161054.01
223-8695	RS0080P1-2-025K	2 x 25	1.600	2 x 28.55	2 x 1.1433	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 28 Ohms	
Losses	Iron Losses	0.49 Watts approx
	Copper Losses	13.8 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 6.1mm centre hole. Case Diameter 104.6mm Case Height 44.0mm	
	Approximate Weight	1.05 Kg
Terminations	Primary	Solid copper conductors (extension of winding wire), insulated over entire length with 105°C PVC tubing 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.