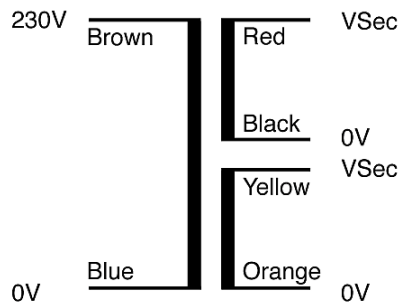


## Toroidal Transformer Data Sheet

**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



Nuvotem Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25°C	DEKRA Certificate
0080P1-2-009K	2 x 9	4.444	2 x 10.31	2 x 0.1642	2161054.01
0080P1-2-012K	2 x 12	3.333	2 x 13.60	2 x 0.2702	2161054.01
0080P1-2-015K	2 x 15	2.667	2 x 17.11	2 x 0.4247	2161054.01
0080P1-2-018K	2 x 18	2.222	2 x 20.50	2 x 0.5703	2161054.01
0080P1-2-025K	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) 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 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 <b>Double-insulated over entire length with 105°C PVC tubings.</b> <b>150mm Long, 10mm tinned ends.</b>
	Secondary	Solid copper conductors (extension of winding wire), insulated over their entire length with 105°C PVC tubing. 150mm Long, 10mm tinned ends.