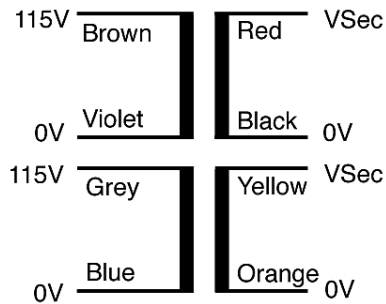


Toroidal Transformer Data Sheet

80VA Encapsulated Style, with Leads. Dual Primaries, Dual Secondaries

High quality encapsulated toroidal transformers with dual 115V/50-60Hz primary windings. Twin secondary windings may be connected in series or parallel, or used independently



Primary 2x115V @ 50-60Hz
Suitable for Series/Parallel connection

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
0080P2-2-009K	2 x 9	4.444	2 x 10.31	2 x 0.1642	2161054.01
0080P2-2-012K	2 x 12	3.333	2 x 13.60	2 x 0.2702	2161054.01
0080P2-2-015K	2 x 15	2.667	2 x 17.11	2 x 0.4247	2161054.01
0080P2-2-018K	2 x 18	2.222	2 x 20.50	2 x 0.5703	2161054.01
0080P2-2-025K	2 x 25	1.600	2 x 28.55	2 x 1.1433	2161054.02

Primary Winding	Input Voltage Range :	Series: 207V–253V (230V±10%) @ 50/60Hz Parallel: 103.5V–126.5V (115V±10%) @ 50/60Hz DC Resistance @ 25°C = Approx 14 Ohms each
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.