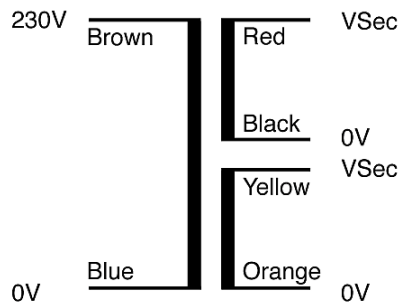


Toroidal Transformer Data Sheet

160VA 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 @ 80VA 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
0160P1-2-012K	2 x 12	6.667	2 x 13.26	2 x 0.0909	2161054.01
0160P1-2-015K	2 x 15	5.333	2 x 16.63	2 x 0.1469	2161054.01
0160P1-2-018K	2 x 18	4.444	2 x 19.79	2 x 0.1974	2161054.01
0160P1-2-025K	2 x 25	3.200	2 x 27.31	2 x 0.3772	2161054.02
0160P1-2-030K	2 x 30	2.667	2 x 32.86	2 x 0.5638	2161054.02

Primary Winding	Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz DC Resistance @ 25°C = Approx 10 Ohms	
Losses	Iron Losses 0.93 Watts approx Copper Losses 18.0 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 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 115.2mm Case Height 53.2mm Approximate Weight 1.73 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.