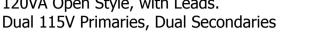
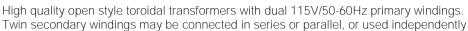
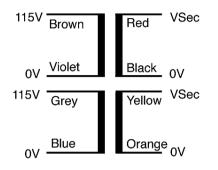


## Toroidal Transformer Data Sheet

120VA Open Style, with Leads.







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

Secondary: 2 x Vsec @ 60VA Each Suitable for Series/Parallel connection



talema

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
257-5073	91240-P2S2	2 x 12	5.000	2 x 13.42	2 x 0.1336	2161054.01
257-5089	91241-P2S2	2 x 15	4.000	2 x 16.82	2 x 0.2098	2161054.01
257-5102	91242-P2S2	2 x 18	3.333	2 x 20.04	2 x 0.6182	2161054.01
257-5118	91243-P2S2	2 x 25	2.400	2 x 28.02	2 x 0.6675	2161054.02
257-5124	91244-P2S2	2 x 55	1.091	2 x 61.83	2 x 3.3908	2161084.02

**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 8 Ohms each

Losses Iron Losses 0.73 Watts approx

Copper Losses 15.2 Watts approx

Winding Wire (Primary & Secondary) Temperature Class 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 and 2161054.02 (see table above)

Conforms to EN60065, VDE0550, BS415.

Physical Data Approximate Dimensions Diameter 93mm\*

Heiaht 46mm

\* Measured away from leadout bulge; Allow extra 4mm at leads.

1.20 Kg Approximate Weight

Solid copper conductors (extension of winding wire), **Terminations** Primary

> 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.

Solid copper conductors (extension of winding wire), Secondary

insulated over their entire length with 105°C PVC tubing.

150mm Long, 10mm tinned ends.

Each transformer is supplied with a mounting kit, comprising: Mounting Hardware

> Neoprene Insulating disc 2 pieces **Dished Steel Washer** 1 piece Bolt M6x60mm Slotted Pan-Head 1 piece Washer M6 Plain 1 piece Nut M6 Hex 1 piece