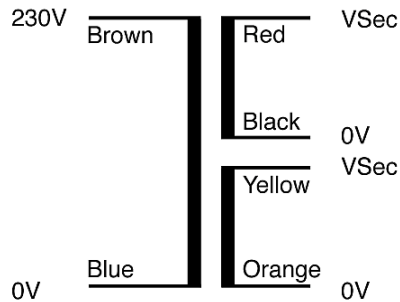




Toroidal Transformer Data Sheet

800VA Open Style, with Leads.
230V Primary, Dual Secondaries

High quality open style 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 @ 400VA 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
224-1590	RS0800P1-2-040	2 x 40	10.000	2 x 42.38	2 x 0.1952	2161054.02
223-8364	RS0800P1-2-045	2 x 45	8.889	2 x 47.62	2 x 0.1345	2161054.02
223-8386	RS0800P1-2-050	2 x 50	8.000	2 x 52.86	2 x 0.1673	2161054.02
223-8392	RS0800P1-2-055	2 x 55	7.273	2 x 58.10	2 x 0.1844	2161054.02

Primary Winding Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
DC Resistance @ 25°C = Approx 1.3 Ohms

Losses Iron Losses 3.65 Watts approx
Copper Losses 49.5 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 Certificate 2161054.02
Conforms to EN60065, VDE0550, BS415.

Physical Data Approximate Dimensions Diameter 162mm*
Height 60mm
Approximate Weight 5.10 Kg
* Measured away from leadout bulge; Allow extra 4mm at leads.

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.

Mounting Hardware Each transformer is supplied with a mounting kit, comprising:
Neoprene Insulating disc 2 pieces
Dished Steel Washer 1 piece
Bolt M8x70mm Slotted Pan-Head 1 piece
Washer M8 Plain 1 piece
Nut M8 Hex 1 piece