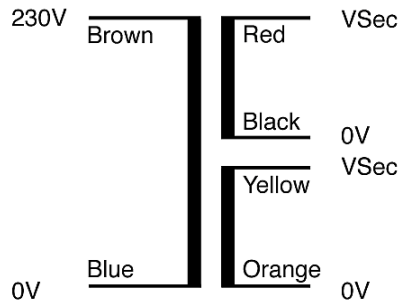




## Toroidal Transformer Data Sheet

625VA 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 @ 312.5VA 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
223-8320	RS0625P1-2-040	2 x 40	7.813	2 x 42.31	2 x 0.1418	2161054.02
223-8336	RS0625P1-2-045	2 x 45	6.944	2 x 47.38	2 x 0.1792	2161054.02
223-8342	RS0625P1-2-050	2 x 50	6.250	2 x 52.44	2 x 0.1998	2161054.02
223-8358	RS0625P1-2-055	2 x 55	5.682	2 x 57.96	2 x 0.2509	2161054.02

Primary Winding      Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz  
DC Resistance @ 25°C = Approx 1.7 Ohms

Losses      Iron Losses      2.95 Watts approx  
Copper Losses      39.0 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      136mm\*  
Height      68mm  
Approximate Weight      4.30 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 M8x80mm Slotted Pan-Head      1 piece  
Washer M8 Plain      1 piece  
Nut M8 Hex      1 piece