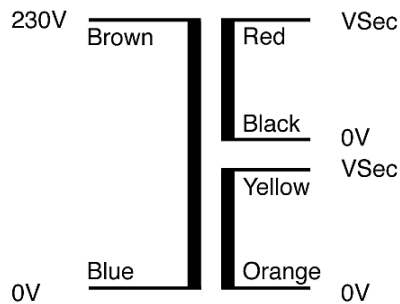




Toroidal Transformer Data Sheet

300VA 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 @ 150VA 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
223-8134	RS0300P1-2-025	2 x 25	6.000	2 x 26.85	2 x 0.1677	2161054.02
223-8140	RS0300P1-2-030	2 x 30	5.000	2 x 32.52	2 x 0.2300	2161054.02
223-8162	RS0300P1-2-035	2 x 35	4.286	2 x 37.88	2 x 0.3010	2161054.02
223-8178	RS0300P1-2-055	2 x 55	2.727	2 x 59.66	2 x 0.8141	2161054.02

Primary Winding Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
DC Resistance @ 25°C = Approx 4.7 Ohms

Losses Iron Losses 1.59 Watts approx
Copper Losses 37.5 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 115mm*
Height 58mm
Approximate Weight 2.30 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 M6x70mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece