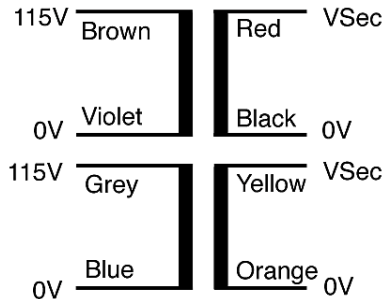




Toroidal Transformer Data Sheet

800VA Open Style, with Leads.
Dual 115V Primaries, Dual Secondaries

High quality open style toroidal transformers with dual 115V/50-60Hz primary windings. Twin secondary windings may be connected in series or parallel, or used independently



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

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
420-9295	92340-P2S2	2 x 40	10.000	2 x 42.38	2 x 0.1952	2161054.02
420-9302	92341-P2S2	2 x 45	8.889	2 x 47.62	2 x 0.1345	2161054.02
420-9318	92342-P2S2	2 x 50	8.000	2 x 52.86	2 x 0.1673	2161054.02
420-9324	92343-P2S2	2 x 55	7.273	2 x 58.10	2 x 0.1844	2161054.02

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 0.65 Ohms each
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