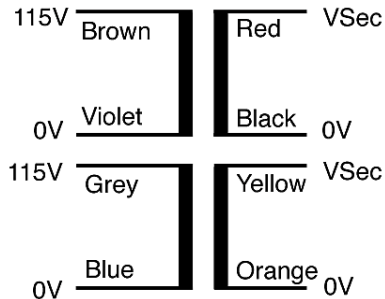




Toroidal Transformer Data Sheet

225VA 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 @ 112.5VA 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
422-5304	92354-P2S2	2 x 12	9.375	2 x 13.14	2 x 0.0574	2161054.01
422-5310	92355-P2S2	2 x 15	7.500	2 x 16.32	2 x 0.0901	2161054.01
422-5326	92356-P2S2	2 x 18	6.250	2 x 19.71	2 x 0.1245	2161054.01
422-5332	92357-P2S2	2 x 25	4.500	2 x 27.42	2 x 0.2491	2161054.02
422-5348	92358-P2S2	2 x 30	3.750	2 x 32.86	2 x 0.3709	2161054.02
422-5354	92359-P2S2	2 x 55	2.045	2 x 59.82	2 x 1.1809	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 3.7 Ohms each
Losses	Iron Losses	1.19 Watts approx
	Copper Losses	25.0 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 Certificates 2161054.01 and 2161054.02 (see table above)
	Conforms to EN60065, VDE0550, BS415.	
Physical Data	Approximate Dimensions	Diameter 112mm* Height 47mm
	Approximate Weight	1.90 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 M6x60mm Slotted Pan-Head	1 piece
	Washer M6 Plain	1 piece
	Nut M6 Hex	1 piece