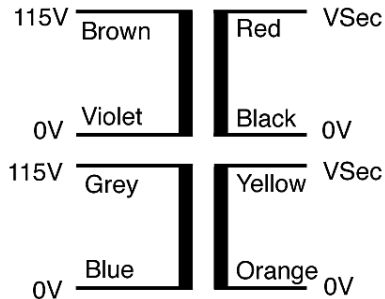


Toroidal Transformer Data Sheet

80VA 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 @ 40VA 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
422-5247	92348-P2S2	2 x 9	4.444	2 x 10.31	2 x 0.1642	2161054.01
422-5253	92349-P2S2	2 x 12	3.333	2 x 13.60	2 x 0.2702	2161054.01
422-5269	92350-P2S2	2 x 15	2.667	2 x 17.11	2 x 0.4247	2161054.01
422-5275	92351-P2S2	2 x 18	2.222	2 x 20.50	2 x 0.5703	2161054.01
422-5281	92352-P2S2	2 x 25	1.600	2 x 28.55	2 x 1.1433	2161054.02
422-5297	92353-P2S2	2 x 55	0.727	2 x 63.33	2 x 6.2836	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 14 Ohms each

Losses

Iron Losses 0.49 Watts approx
Copper Losses 13.8 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 or 2161054.02 (see table above)
Conforms to EN60065, VDE0550, BS415.

Physical Data

Approximate Dimensions Diameter 93mm*
Height 38mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 0.45 Kg

Terminations

Primary Solid copper conductors (extension of winding wire), insulated over entire length with 105°C PVC tubing
Double-insulated over entire length with 105°C PVC tubings. 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 M6x50mm Slotted Pan-Head 1 piece
Washer M6 Plain 1 piece
Nut M6 Hex 1 piece