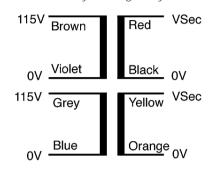


Toroidal Transformer Data Sheet

500VA Open Style, with Leads. Dual 115V Primaries, Dual Secondaries





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

Secondary: 2 x Vsec @ 250VA Each Suitable for Series/Parallel connection



talema

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
420-9172	92329-P2S2	2 x 25	10.000	2 x 26.71	2 x 0.0789	2161054.02
420-9188	92330-P2S2	2 x 30	8.333	2 x 32.27	2 x 0.1188	2161054.02
420-9194	92331-P2S2	2 x 35	7.143	2 x 37.47	2 x 0.1561	2161054.02
420-9201	92332-P2S2	2 x 40	6.250	2 x 43.03	2 x 0.2043	2161054.02
420-9223	92333-P2S2	2 x 45	5.556	2 x 48.59	2 x 0.2645	2161054.02
420-9239	92334-P2S2	2 x 50	5.000	2 x 53.42	2 x 0.3267	2161054.02
420-9245	92335-P2S2	2 x 55	4.545	2 x 58.61	2 x 0.3614	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 1.25 Ohms each

Losses Iron Losses 2.36 Watts approx

Copper Losses 37.5 Watts approx.

Temperature Class Winding Wire (Primary & Secondary)

Standards

Winding Wire (Primary & Secondary)

Insulation between input and output

Connection lead insulation

Class H (180'C)

Class B (130'C)

Class A (105'C)

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 60mm

 * Measured away from leadout bulge; Allow extra 4mm at leads.

Approximate Weight 3.50 Kg

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

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