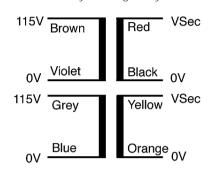




Toroidal Transformer Data Sheet

225VA Encapsulated Style, with Leads. Dual Primaries, Dual Secondaries

High quality encapsulated 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



Nuvotem	Full Load	Rated Current	No Load	DC Resistance	DEKRA
Part Number	Vsec [V]	per Sec [A]	Vsec [V]	[Ohms] @ 25'C	Certificate
0225P2-2-012K	2 x 12	9.375	2 x 13.14	2 x 0.0574	2161054.01
0225P2-2-015K	2 x 15	7.500	2 x 16.32	2 x 0.0901	2161054.01
0225P2-2-018K	2 x 18	6.250	2 x 19.71	2 x 0.1245	2161054.01
0225P2-2-025K	2 x 25	4.500	2 x 27.42	2 x 0.2491	2161054.02
0225P2-2-030K	2 x 30	3.750	2 x 32.86	2 x 0.3709	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)

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 Encapsulated in Black Cylindrical Case, with 6.1mm centre hole.

Case Diameter 125.8mm Case Height 52.4mm

Approximate Weight 2.10 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.