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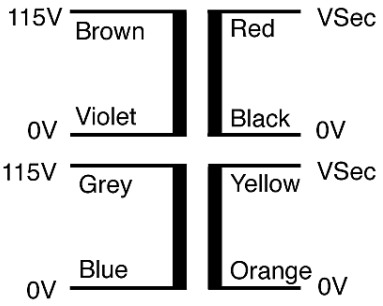
Standard Open Toroidal Transformers

1000VA 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 @ 500VA Each
Suitable for Series/Parallel connection

Nuvotem Part Number	Alternate Reference	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25'C	DEKRA Certificate
1000P2-2-040	92447-P2S2	2 x 40	12.500	2 x 41.76	2 x 0.0677	2161054.02
1000P2-2-045	92448-P2S2	2 x 45	11.111	2 x 47.06	2 x 0.0851	2161054.02
1000P2-2-050	92449-P2S2	2 x 50	10.000	2 x 52.35	2 x 0.1171	2161054.02
1000P2-2-055	92450-P2S2	2 x 55	9.091	2 x 57.65	2 x 0.1299	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. 0.55 Ohms each

Losses

Iron Losses 4.55 Watts approx.
Copper Losses 55.0 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 Certificate 2161054.02
Conforms to EN60065, VDE0550, BS415.

Physical Data

Approximate Dimensions Diameter 162mm*
Height 70mm
* Measured away from leadout bulge; Allow extra 4mm at leads.

Approximate Weight 5.10 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.

Mounting Hardware

Each transformer is supplied with a mounting kit, comprising:
Neoprene Insulating disc 2 pieces
Dished Steel Washer 1 piece

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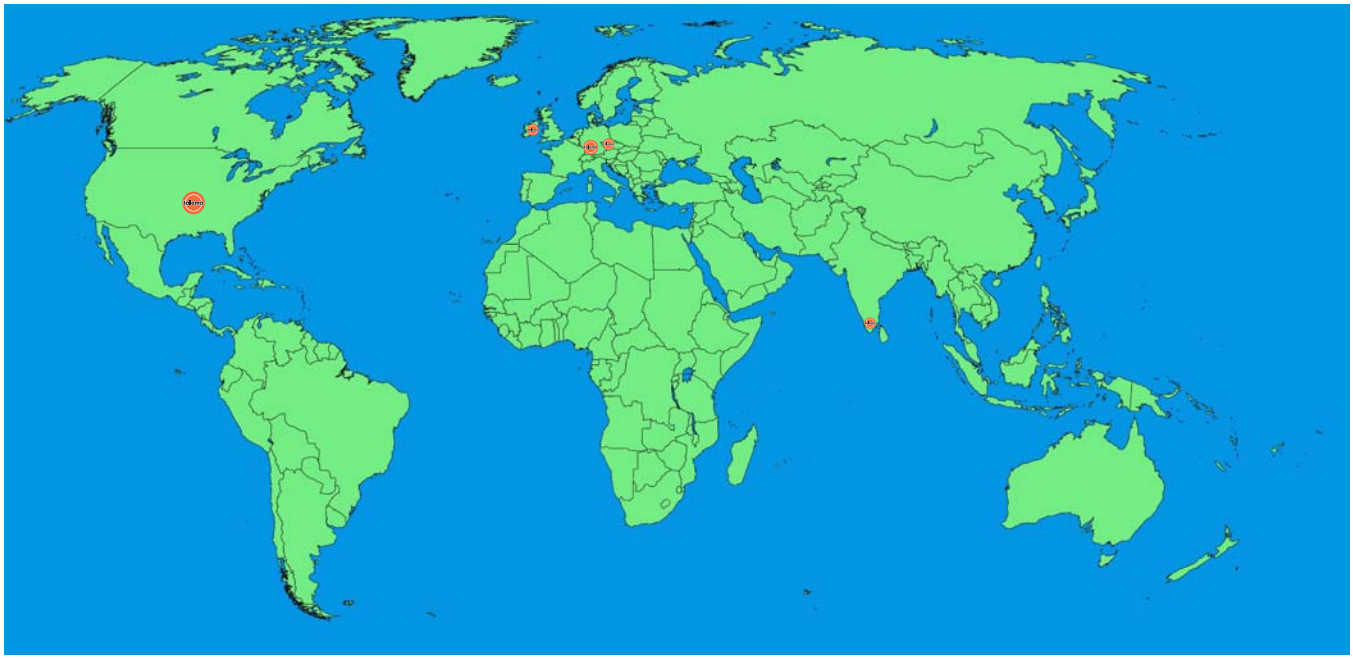
Locations of Talema Group Global Offices