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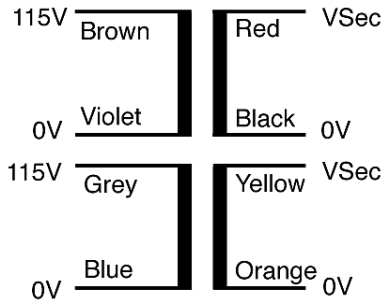
Standard Open Toroidal Transformers

120VA 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 @ 60VA 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
0120P2-2-012	91953-P2S2	2 x 12	5.000	2 x 13.42	2 x 0.1336	2161054.01
0120P2-2-015	91954-P2S2	2 x 15	4.000	2 x 16.82	2 x 0.2098	2161054.01
0120P2-2-018	91955-P2S2	2 x 18	3.333	2 x 20.04	2 x 0.6182	2161054.01
0120P2-2-025	91956-P2S2	2 x 25	2.400	2 x 28.02	2 x 0.6675	2161054.02
0120P2-2-055	91957-P2S2	2 x 55	1.091	2 x 61.83	2 x 3.3908	2161084.02

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 8 Ohms each

Losses

Iron Losses 0.73 Watts approx
Copper Losses 15.2 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 46mm
* Measured away from leadout bulge; Allow extra 4mm at leads.

Approximate Weight 1.20 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 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

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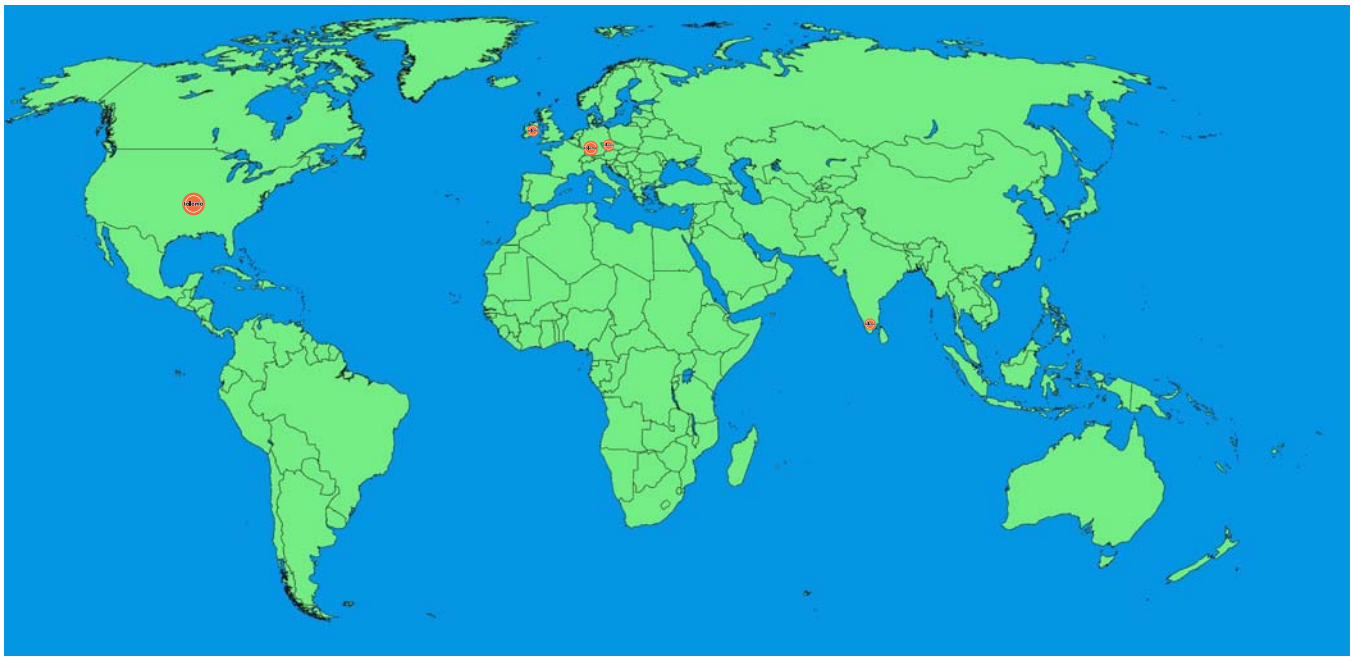
Locations of Talema Group Global Offices