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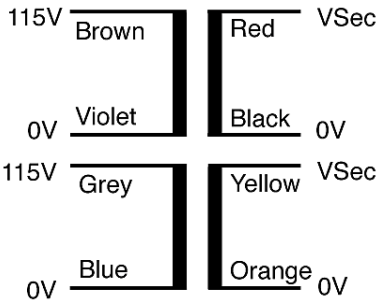
Standard Open Toroidal Transformers

300VA 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 @ 150VA 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
0300P2-2-025	91964-P2S2	2 x 25	6.000	2 x 26.85	2 x 0.1677	2161054.02
0300P2-2-030	91965-P2S2	2 x 30	5.000	2 x 32.52	2 x 0.2300	2161054.02
0300P2-2-035	91966-P2S2	2 x 35	4.286	2 x 37.88	2 x 0.3010	2161054.02
0300P2-2-055	91967-P2S2	2 x 55	2.727	2 x 59.66	2 x 0.8141	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 2.4 Ohms each

Losses

Iron Losses 1.59 Watts approx
Copper Losses 37.5 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 115mm*
Height 58mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 2.30 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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Regional Locations - Design, Manufacturing, Sales & Marketing

Talema Group Global Offices

North America

United States
(Sales & Marketing)

Talema Group, LLC
PO Box 935
900 Innovation Drive
Suite 120, Rolla
Missouri 65402
Tel: +1 573-303-3675
E-Mail:
sales@talema.com
Web: talema.com

Asia

India
(Design, Manufacturing, Sales & Marketing)

Administrative Office
Talema Electronic India Private Limited
Door No. 221, 1st and 2nd Floor
KJ Plaza, Opp.to Vidya Mandir School
Meyanur Main Road
Salem - 636 004 Tamil Nadu INDIA.
Tel: +91 427 - 243 3100
Fax: +91 427 - 243 3109
E-Mail: talema@talemaindia.net
Web: talema.com

Factory Premises
Talema Electronic India Private Limited
No. 31 & 31, Electronic Industrial Estate
Suramangalam Post
Salem - 636 005 Tamil Nadu INDIA
Tel: +91 427 - 243 3000
E-Mail: talema@talemaindia.net
Web: talema.com

Europe

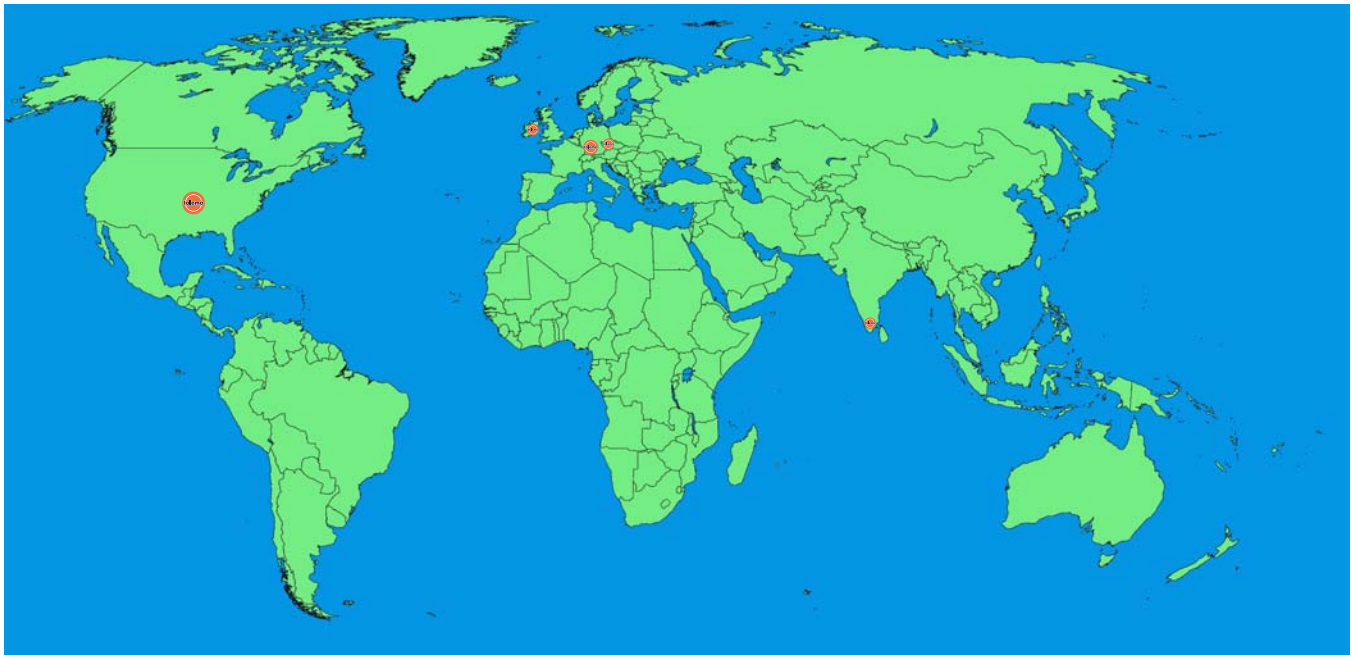
Germany
(Design, Sales & Marketing)

Talema Elektronik GmbH
Sembdnerstr. 5
82110 Germering
Tel: +49 89 - 841 00 - 0
Fax: +49 89 - 841 00 25
E-Mail: info@talema.de
Web: talema.com

Ireland
(Design, Sales & Marketing)

Nuvotem TEO
Units W & X, Gweedore Business Park
Derrybeg, Letterkenny, Co. Donegal
Tel: +353 (0) 74 95 48666
Fax: +353 (0) 74 95 48139
E-Mail: info@nuvotem.com
Web: talema.com

Czech Republic
(Design, Manufacturing, Sales & Marketing)

NT Magnetics s.r.o.
Chebská 27
322 00 Plzeñ
Tel: +420 377 - 338 351
Fax: +420 377 - 338 350
E-Mail: talema@talema.cz
Web: talema.com

Locations of Talema Group Global Offices