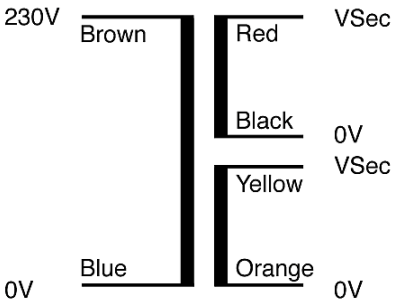
talemagroup

Standard Open Toroidal Transformers

30VA Open Style, with Leads.
230V Primary, Dual Secondaries

High quality open style toroidal transformers with a single 230V/50-60Hz primary winding.
Twin secondary windings may be connected in series or parallel, or used independently



Primary 230V @ 50-60Hz

Secondary: 2 x Vsec @ 15VA Each
Suitable for Series/Parallel connection

Nuvotem Part Number	Full Load Vsec [V]	Rated Current per Sec [A]	No Load Vsec [V]	DC Resistance [Ohms] @ 25'C	DEKRA Certificate
0030P1-2-006	2 x 6	2.500	2 x 7.17	2 x 0.2551	2161054.01
0030P1-2-009	2 x 9	1.667	2 x 10.65	2 x 0.5510	2161054.01
0030P1-2-012	2 x 12	1.250	2 x 14.19	2 x 0.9201	2161054.01
0030P1-2-015	2 x 15	1.000	2 x 17.74	2 x 1.4488	2161054.01
0030P1-2-018	2 x 18	0.833	2 x 21.44	2 x 2.2213	2161054.01
0030P1-2-025	2 x 25	0.600	2 x 29.75	2 x 4.2757	2161054.02

Primary Winding
Input Voltage Range : 207V–253V (230V +/- 10%) @ 50/60Hz
DC Resistance @ 25'C = Approx 92 Ohms

Losses
Iron Losses 0.25 Watts approx
Copper Losses 6.71 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 70mm*
Height 32mm
* Measured away from leadout bulge; Allow extra 4mm at leads.
Approximate Weight 0.45 Kg

Terminations
Primary: Flexible equipment wire UL Style 1569 (105°C), CSA Type TR-64 (90°C)
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

talemagroup

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

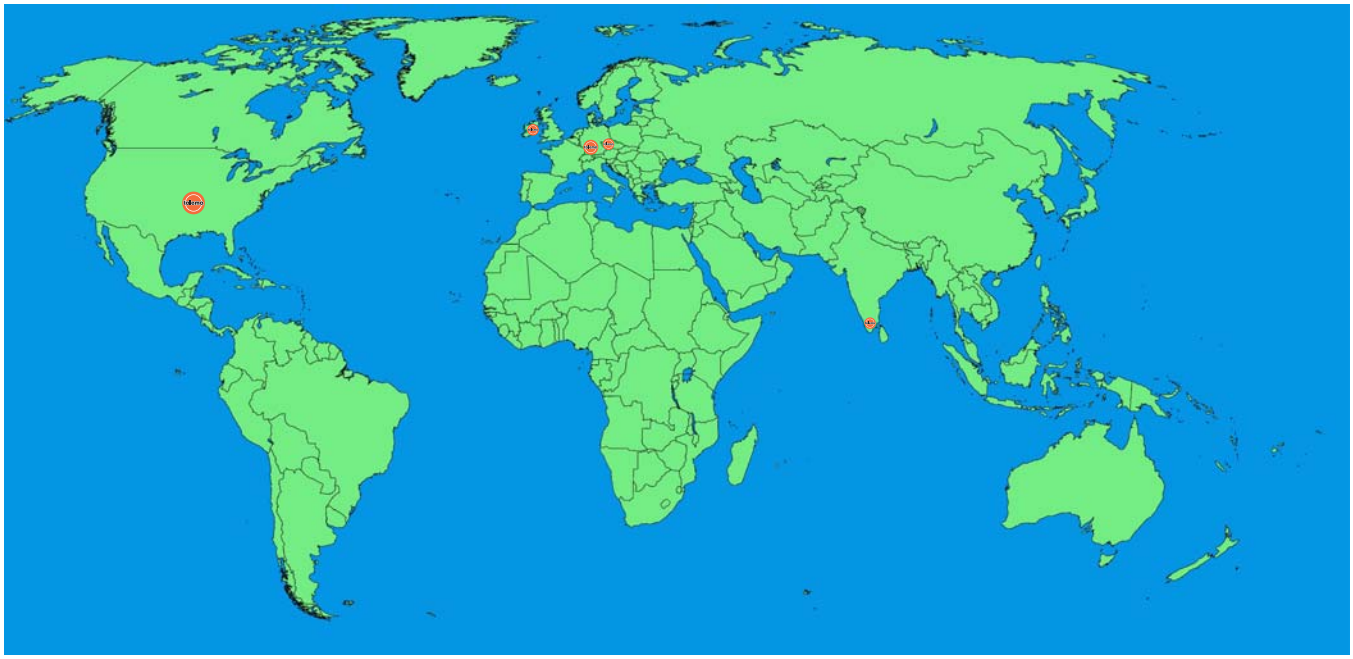
Germany
(Design, Sales & Marketing)

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