

## AN3-1000 • 3 Phase Current Transformer

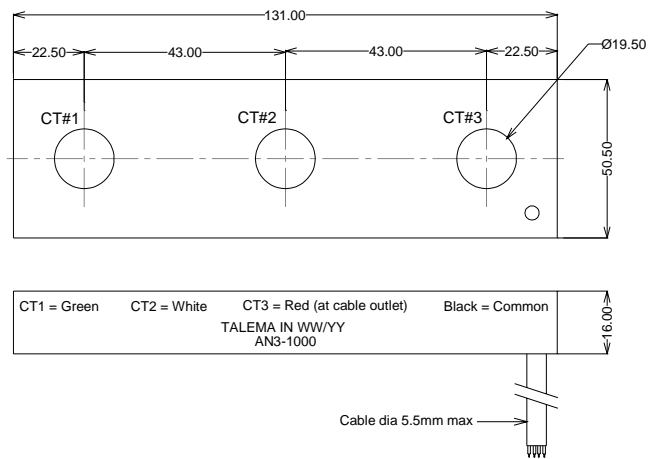
### Features

- 100A fully encapsulated unit
- Current monitoring in industrial & distribution applications
- Complete with 2.5M power lead for ease of installation
- Cost-effective rugged design proven in the field
- All materials UL94V-0
- Manufactured in an ISO 9001:2008, ISO/TS-16949:2009 and ISO 14001:2004 certified Talema facility
- Fully RoHS & REACH Compliant



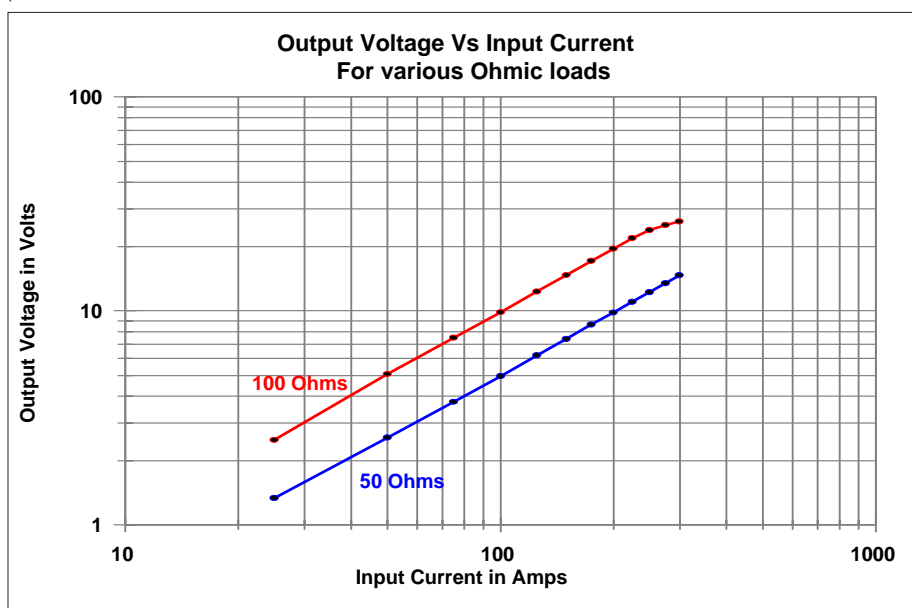
Electrical Specifications (per CT) @ 20°C	
Rated Primary Current	100 Amps
Maximum Primary Current	250 Amps
Turns Ratio	1000:1 Nominal
DC Resistance	41.5 Ohms Nominal
Volt per Amp Ratio at 100A for 100 Ohm Load	0.100 V/A
Volt per Amp Ratio at 10A for 100 Ohm Load	0.0986 V/A
Operating frequency	50/60Hz
Dielectric Withstand Voltage (Hi-pot)	4KVrms
Operating Temperature Range	-30° to +90°C

### Mechanical Drawing



**Lead outs:** Power Cable, 4 Core AWG22, double insulated, 300V Rating, 2500±10mm long out of trafo with 10±1mm stripped ends

### Response Curve



**Regional Locations - Design, Manufacturing, Sales & Marketing**
**Talema Group Regional 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@talemagroup.com  
 Web: www.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: www.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: www.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: www.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: www.nuvotem.com

**Czech Republic  
(Design, Manufacturing, Sales & Marketing)**

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

**Locations of Talema Group Regional Offices**
