

## AP Series • Precise Current Transformer

### Features

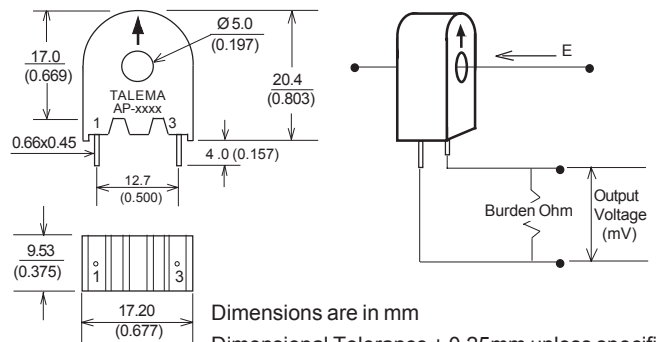
- Precision CT's in compact packages
- Class 0.2 accuracy typical
- Excellent linearity over rated current range
- 2.5KVrms isolation
- Operating temperature range -40 to +85°C
- All materials UL94V-0
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Fully RoHS & REACH Compliant



### Mechanical Drawing

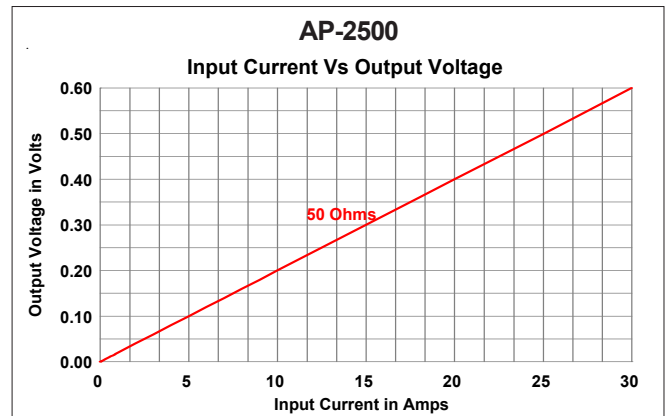
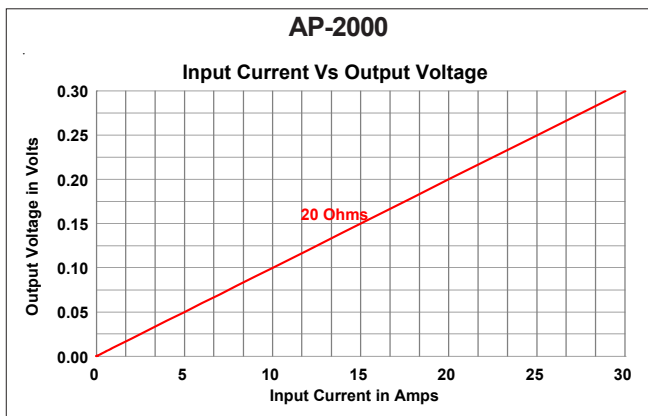
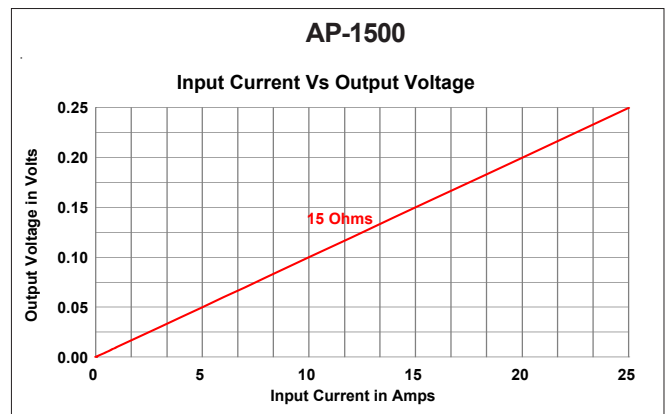
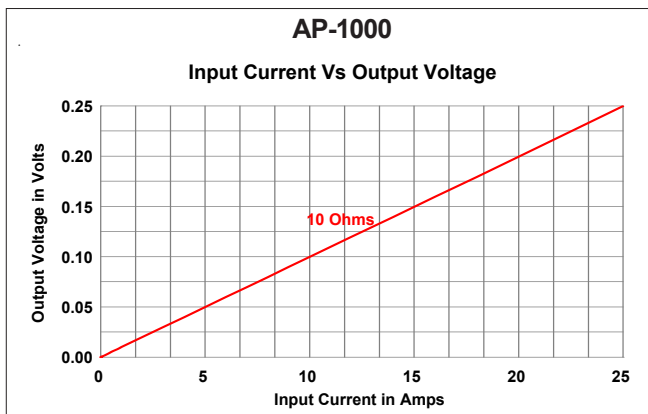
### Electrical Specifications at 20°C

Part No.	Turns	Burden Ohms	Rated Current in Amps	Max. Current in Amps	Resistance in Ohms Max.
AP-1000	1000	10	10	20	70
AP-1500	1500	15	10	20	120
AP-2000	2000	20	15	25	235
AP-2500	2500	50	15	25	330



Dimensions are in mm  
Dimensional Tolerance  $\pm 0.25\text{mm}$  unless specified  
Pin Pitch Tolerance:  $\pm 0.1\text{mm}$

### Output Response at Rated Burden



**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  
 Meyanoor 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**  
 Plot Nos. 30, 31 Electrical and Electronic  
 Industrial Estate  
 Suramangalam  
 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**

