

AX Series • 50/60Hz Current Transformers

Features

- High output voltage in small package
- Good linearity over current range
- 2.5KV isolation
- High saturation current
- Operating temperature range: -40°C to +85°C
- Manufactured in an ISO 9001:2015 and ISO 14001:2015 certified Talema facility
- Fully RoHS & REACH Compliant



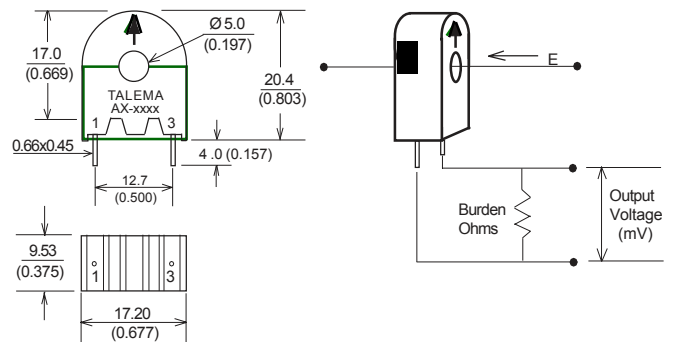
Applications

- Power Monitoring • Current Measurement • Instrumentation

Electrical Specifications at 20°C

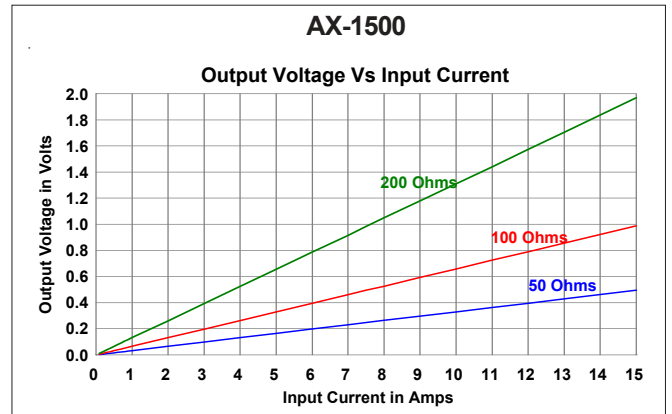
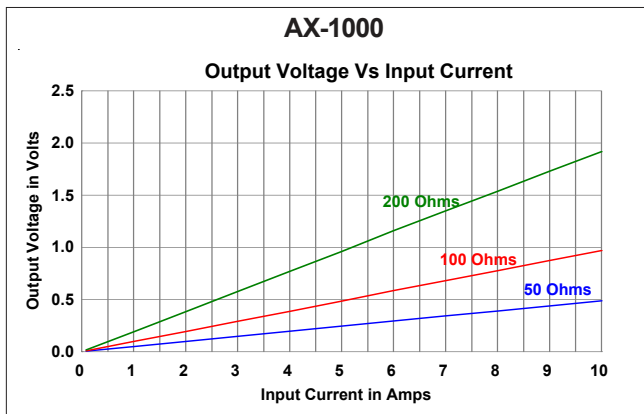
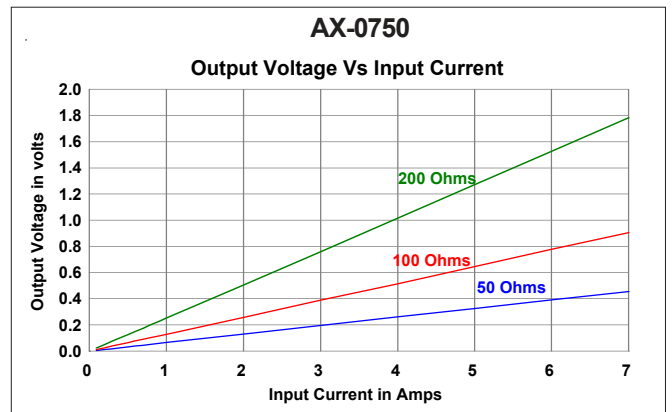
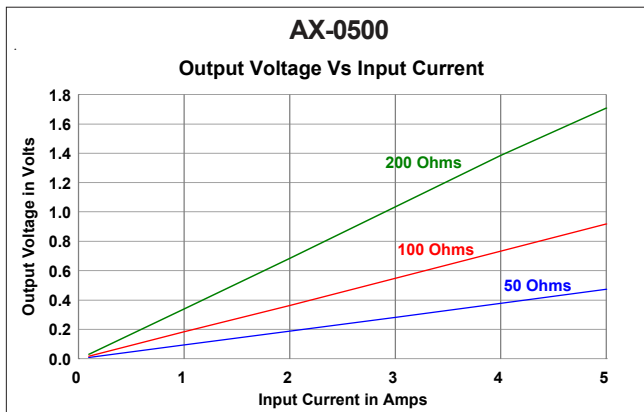
Part No.	Turns	Current Rating in A	Winding Resistance in Ohms
AX-0500	500	5	32
AX-0750	750	7.5	55
AX-1000	1000	10.0	93
AX-1500	1500	15.0	140

Mechanical Dimension

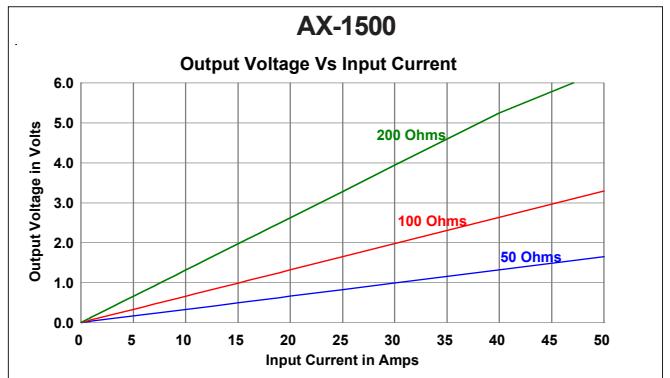
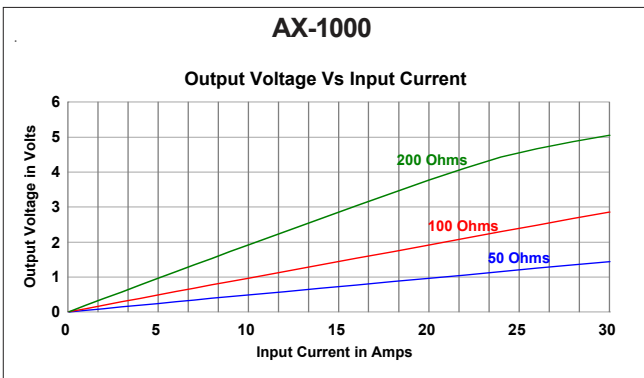
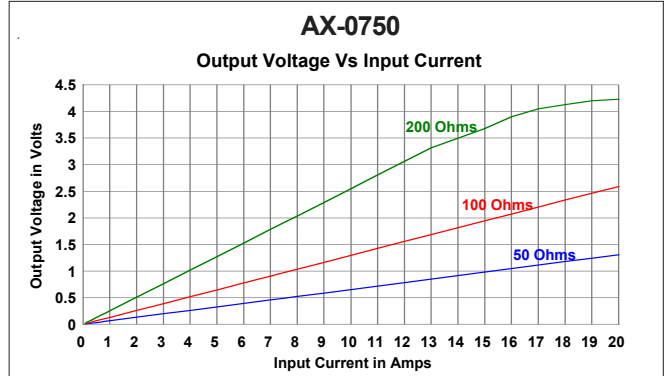
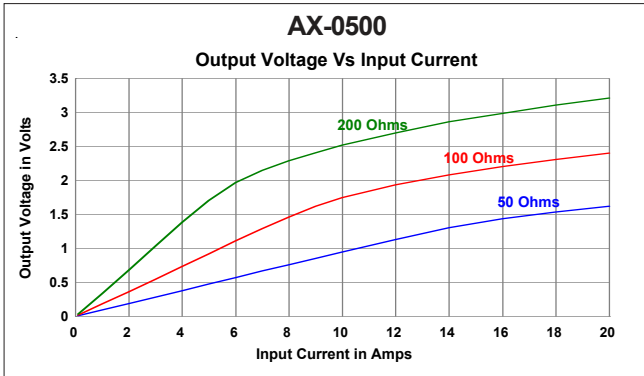


Dimensions are in mm. General Tolerance $\pm 0.25\text{mm}$ unless specified.
Pin Pitch Tolerance: $\pm 0.1\text{mm}$

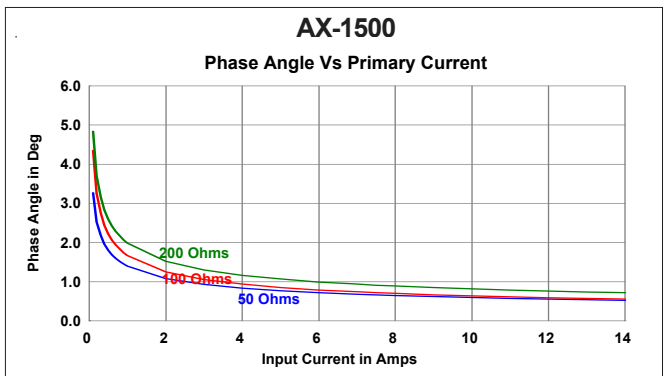
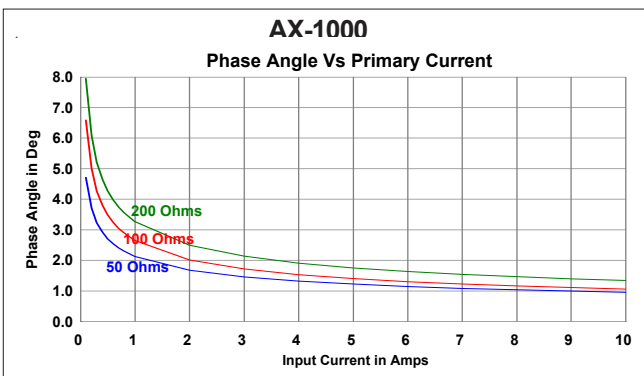
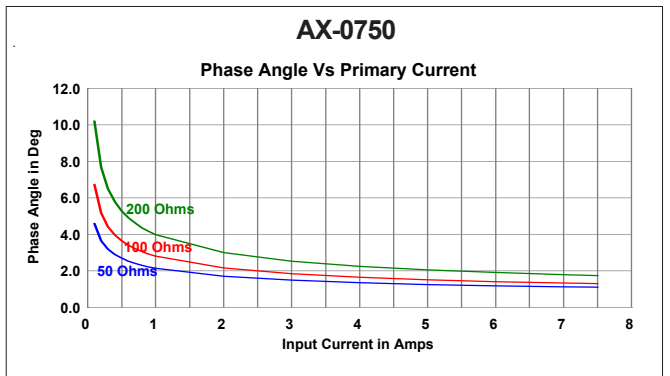
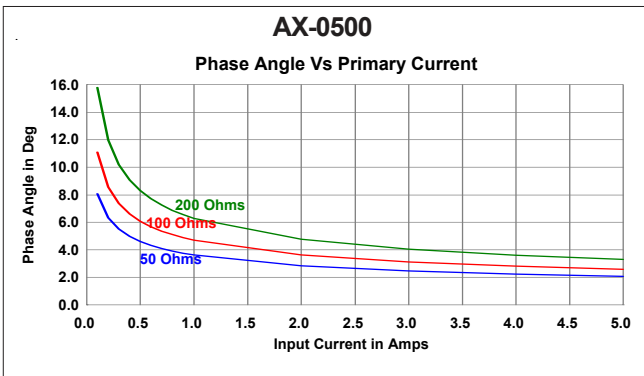
Output Voltage Vs Input Current



Saturation Current Response



Phase Angle Vs Primary Current



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
