

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



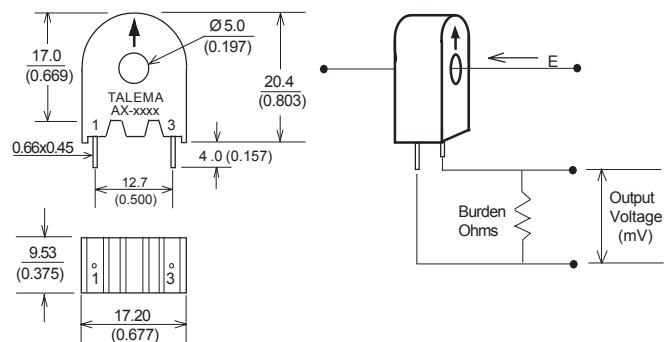
Applications

- Power Monitoring • Current Measurement • Instrumentation

Electrical Specifications at 20°C

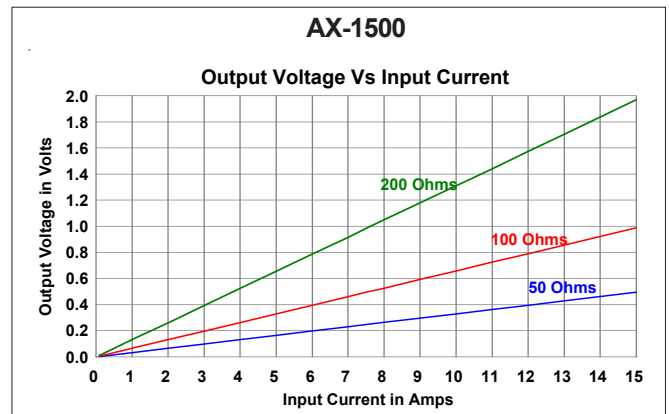
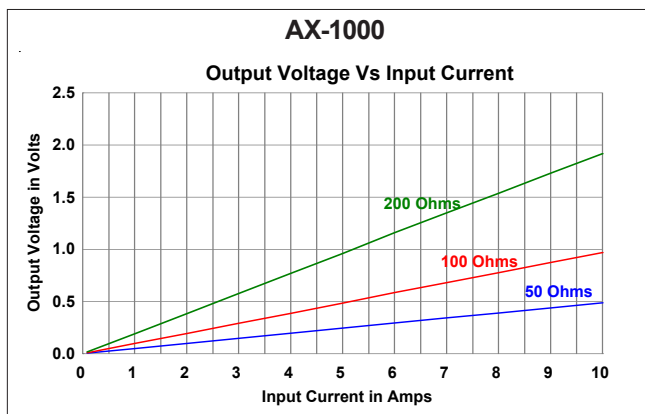
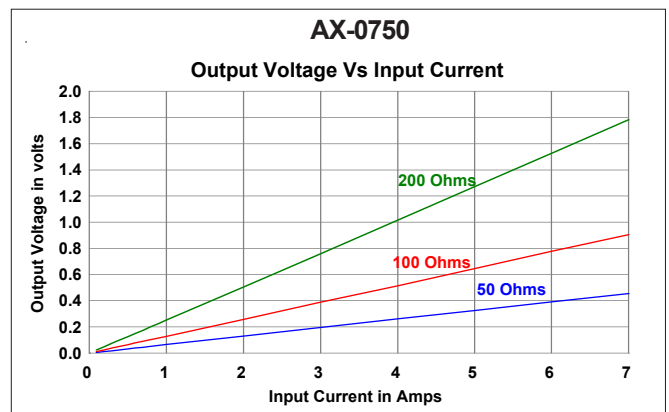
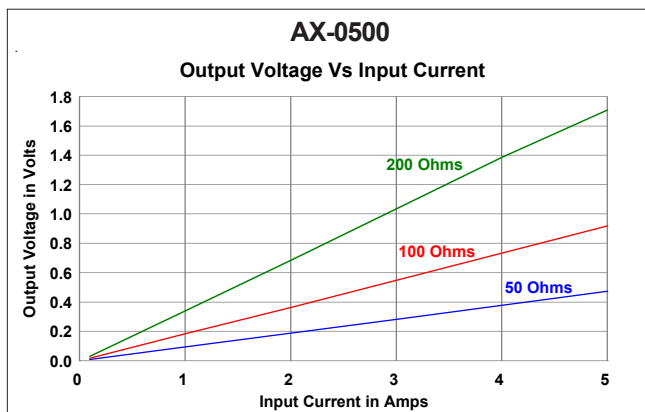
Part No.	Turns	Current Rating in A	Winding Resistance in Ohms
AX-0500	500	5	32
AX-0750	750	7.5	55
AX-1000	1000	10.0	93
AX-1500	1500	15.0	140

Mechanical Dimension

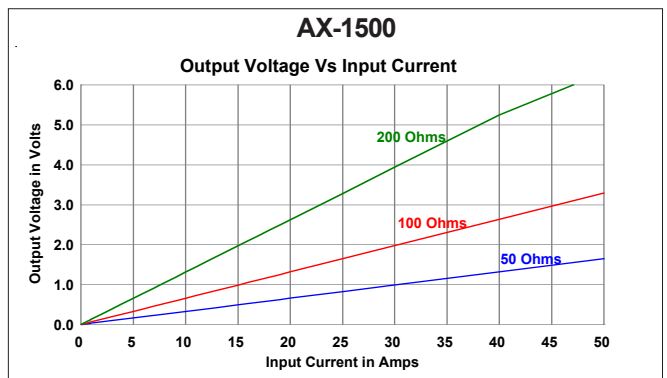
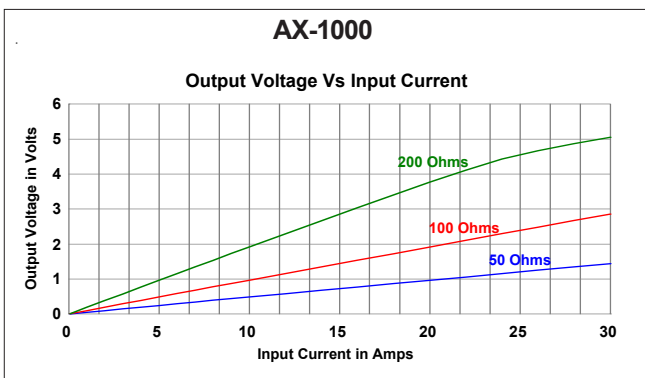
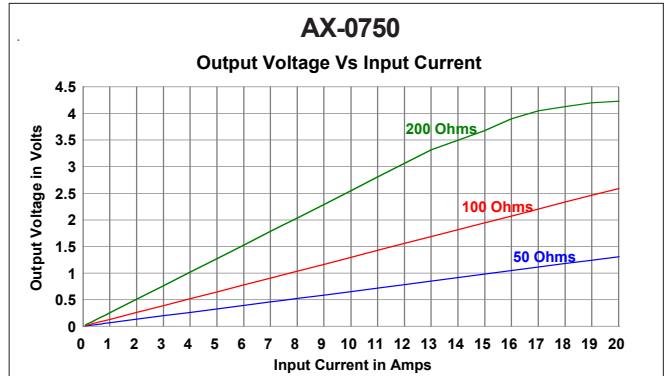
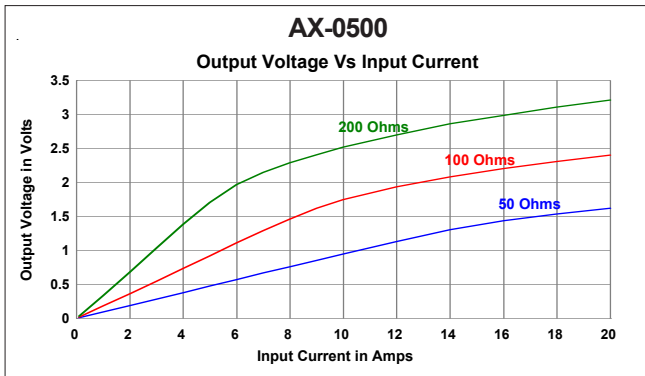


Dimensions are in mm. General Tolerance $\pm 0.25\text{mm}$ unless specified.
Pin Pitch Tolerance: $\pm 0.1\text{mm}$

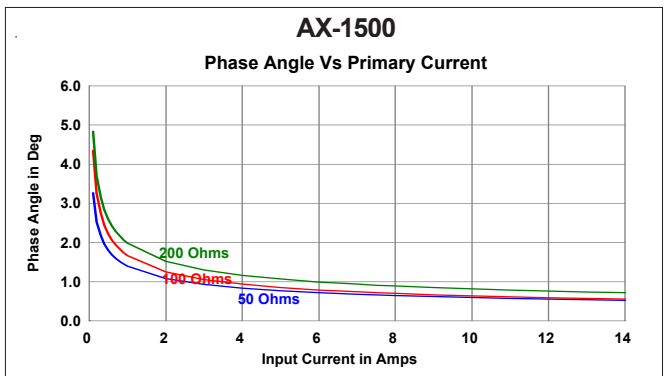
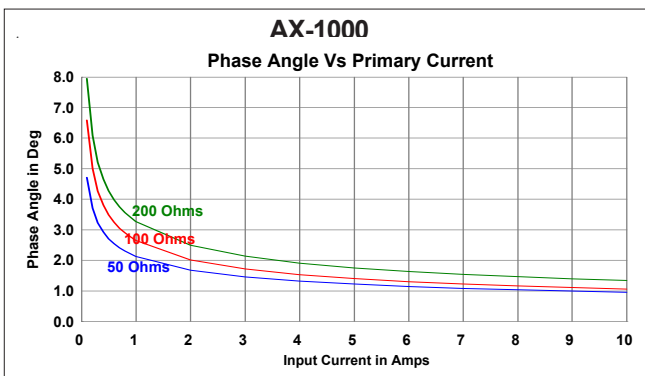
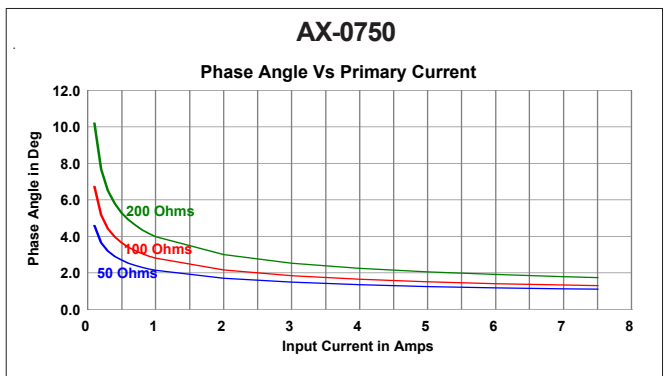
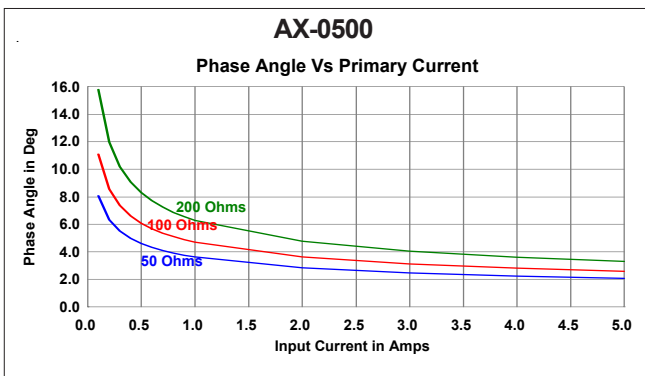
Output Voltage Vs Input Current



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

