

## 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 9001:2008, ISO/TS 16949:2009 and ISO 14001:2004 certified Talema facility
- Fully RoHS & REACH Compliant



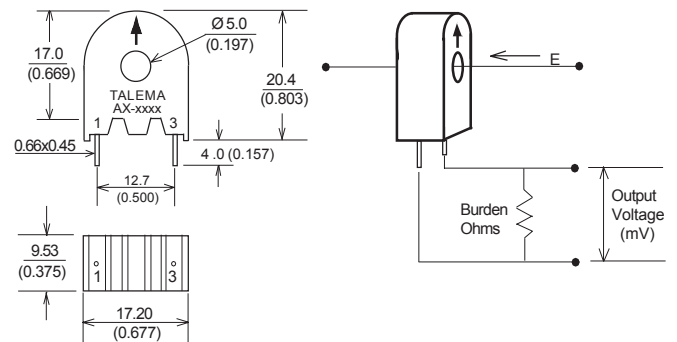
### Applications

- Power Monitoring • Current Measurement • Instrumentation

### Electrical Specifications at 20°C

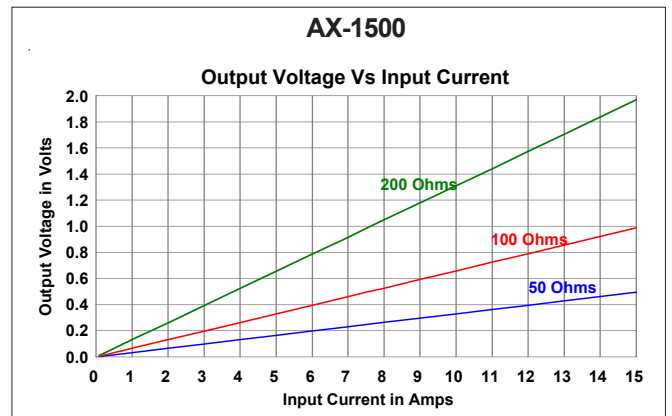
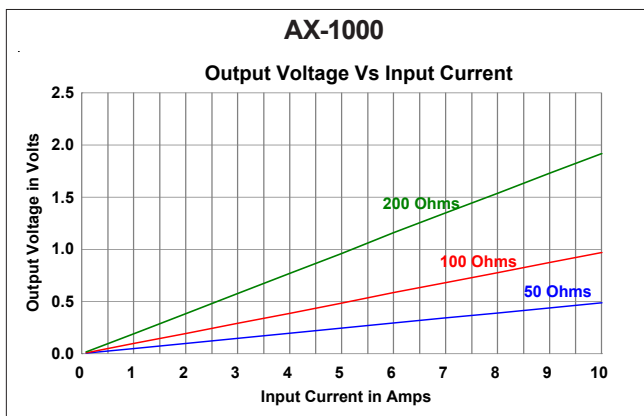
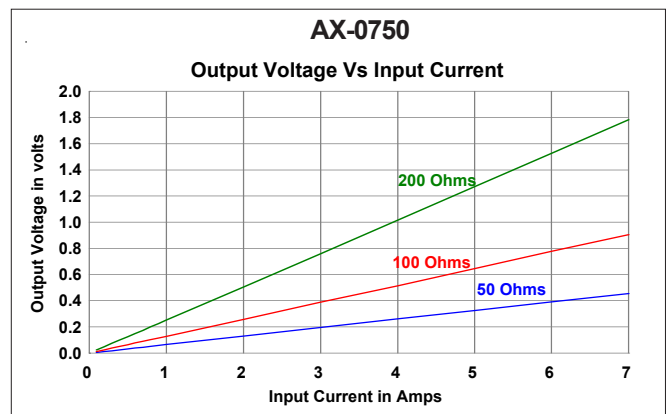
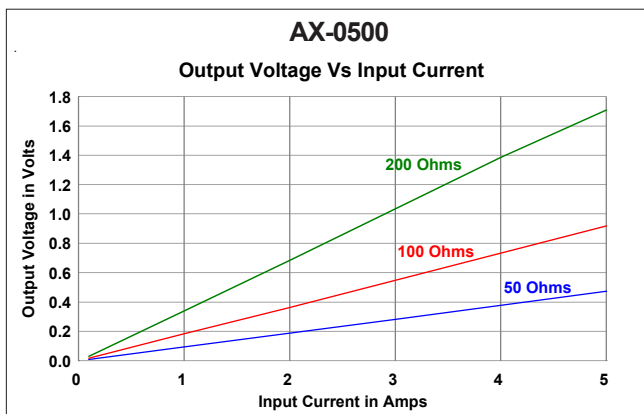
Part No.	Turns	Current Rating in A	Winding Resistance in Ohms
AX-0500	500	5	32
AX-0750	750	7.5	55
AX-1000	1000	10.0	93
AX-1500	1500	15.0	140

### Mechanical Dimension

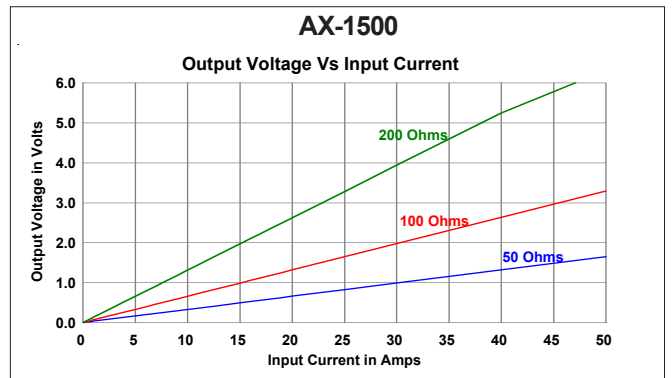
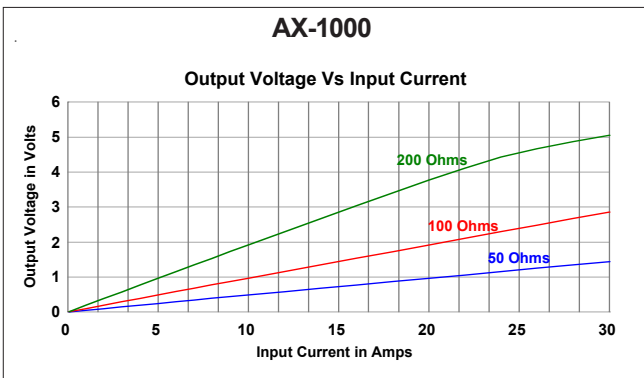
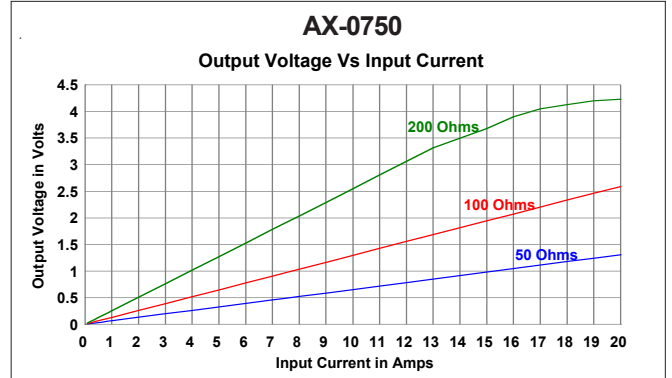
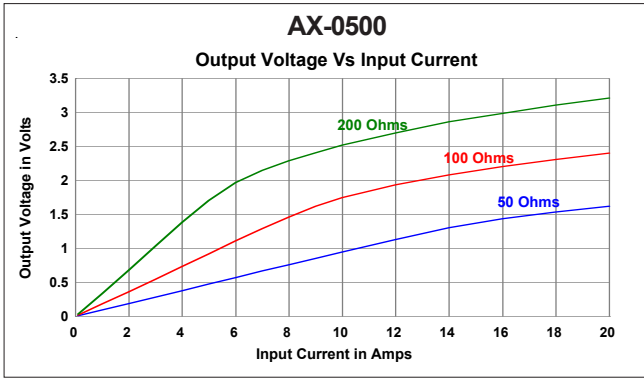


Dimensions are in mm. General Tolerance  $\pm 0.25\text{mm}$  unless specified.  
Pin Pitch Tolerance:  $\pm 0.1\text{mm}$

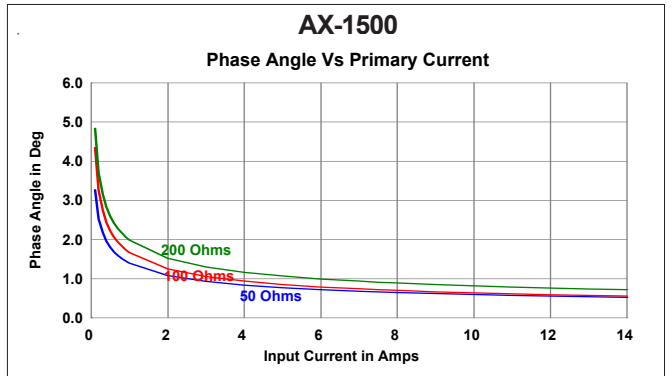
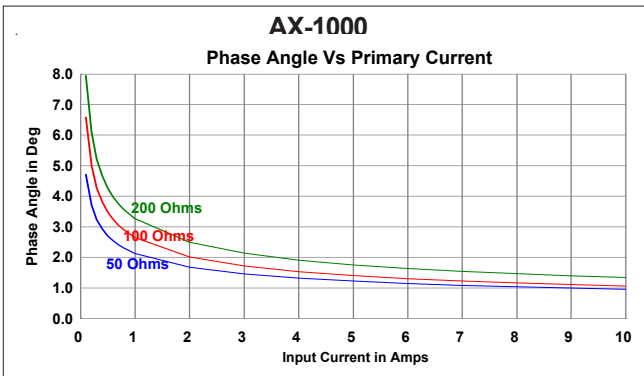
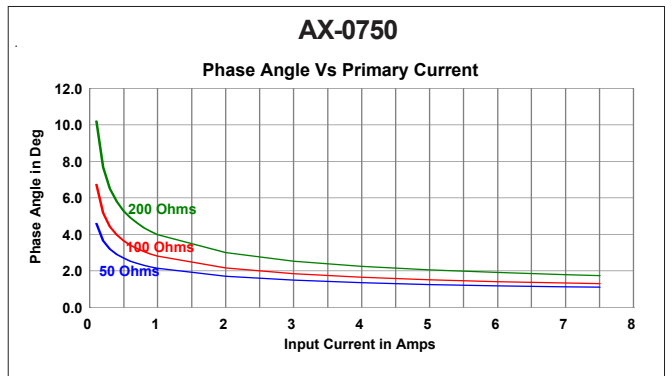
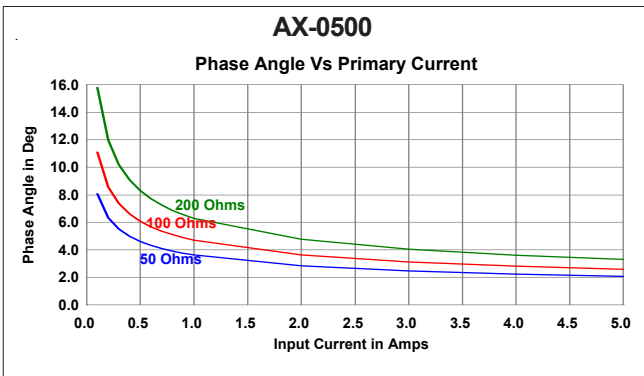
### Output Voltage Vs Input Current



Saturation Current Response



Phase Angle Vs Primary Current



## Regional Locations - Design, Manufacturing, Sales & Marketing

### Talema Group Regional Offices

#### North America

##### United States (Sales & Marketing)

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#### Asia

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### Locations of Talema Group Regional Offices

