

## 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



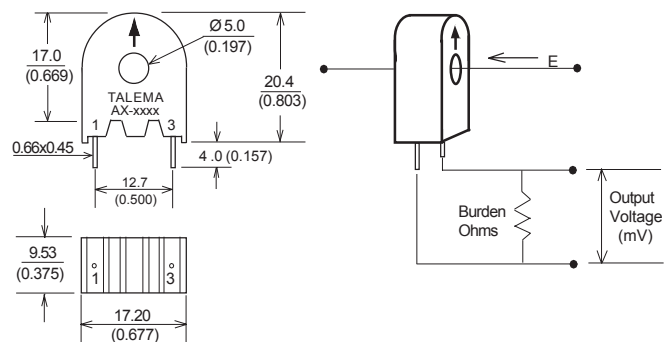
### Applications

• Power Monitoring • Current Measurement • Instrumentation

### Electrical Specifications at 20°C

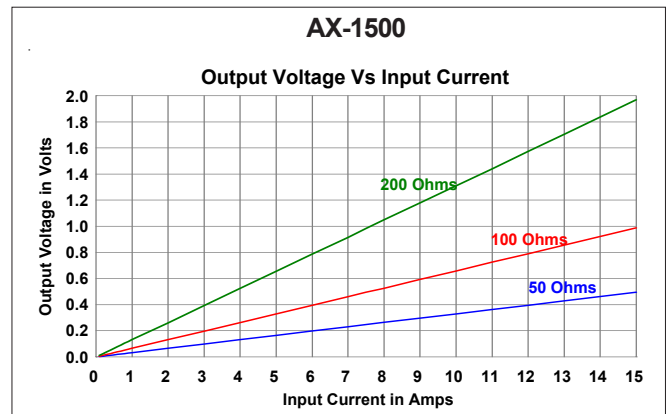
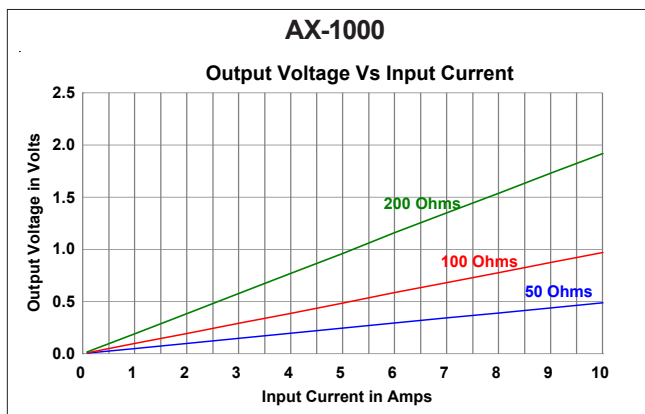
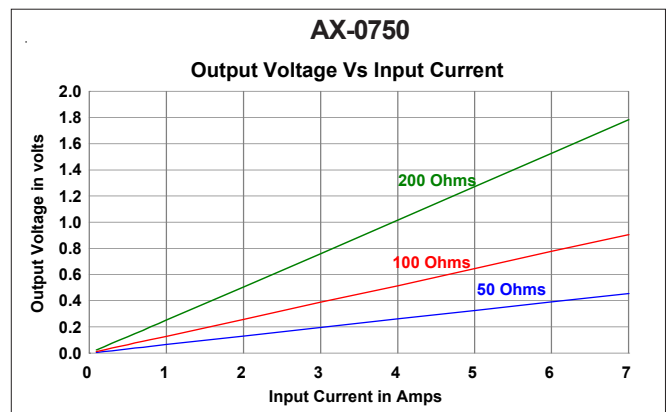
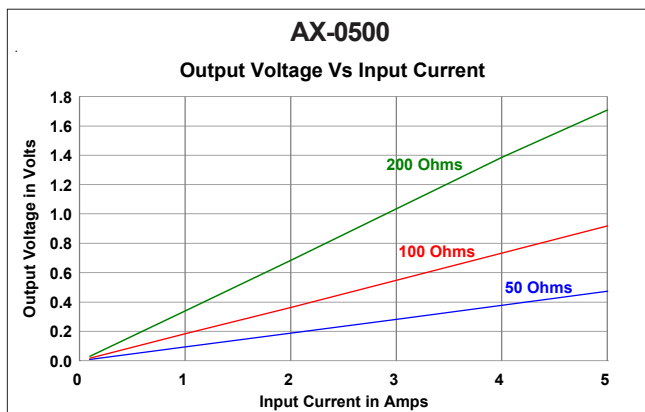
| Part No. | Turns | Current Rating in A | Winding Resistance in Ohms |
|----------|-------|---------------------|----------------------------|
| AX-0500  | 500   | 5                   | 32                         |
| AX-0750  | 750   | 7.5                 | 55                         |
| AX-1000  |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

### Mechanical Dimension

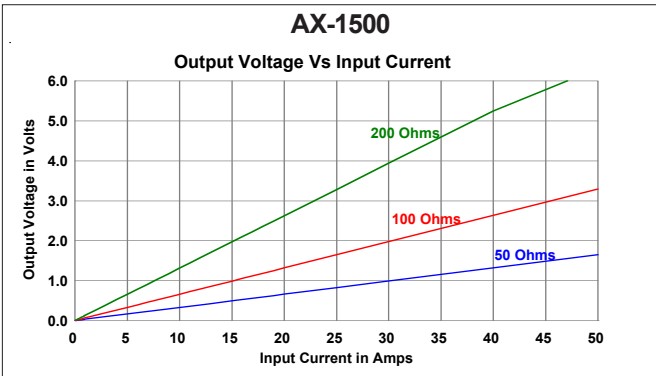
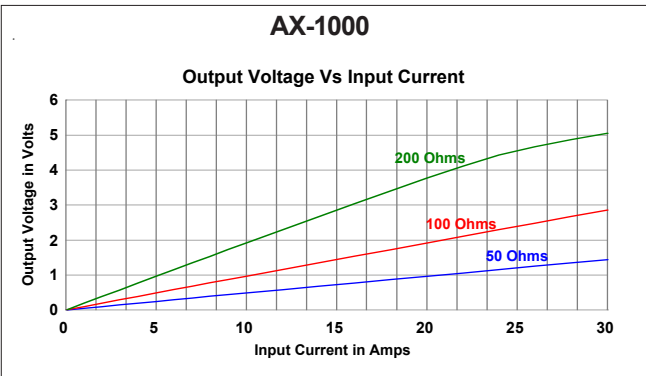
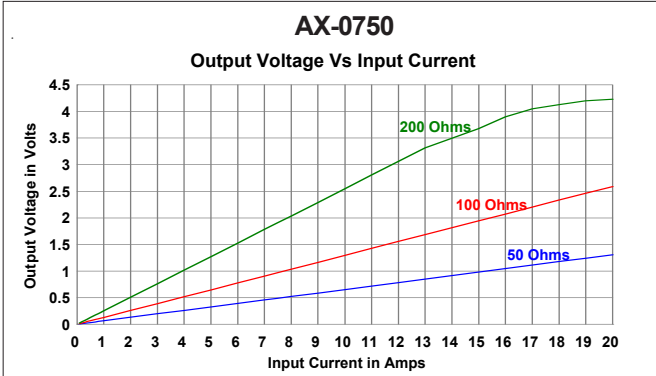
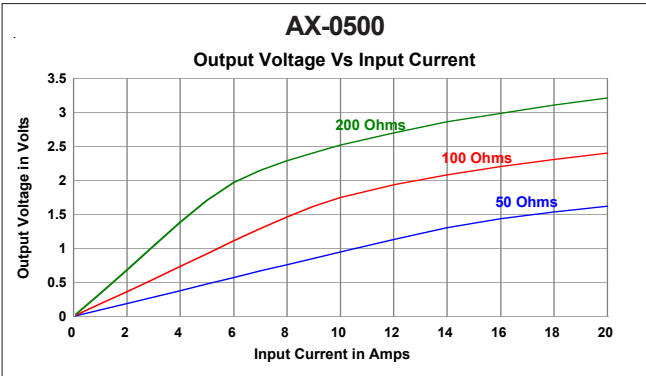


Dimensions are in mm. General Tolerance  $\pm 0.25\text{mm}$  unless specified.  
Pin Pitch Tolerance:  $\pm 0.1\text{mm}$

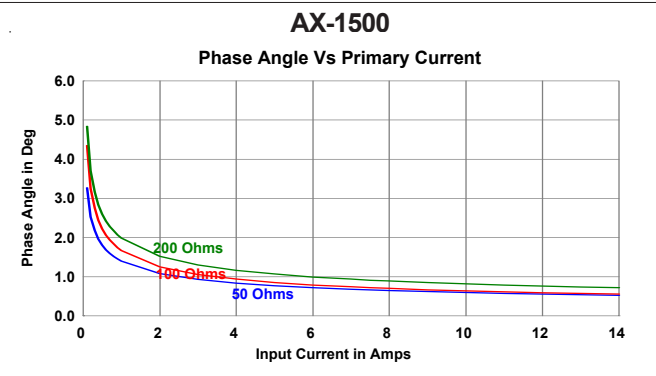
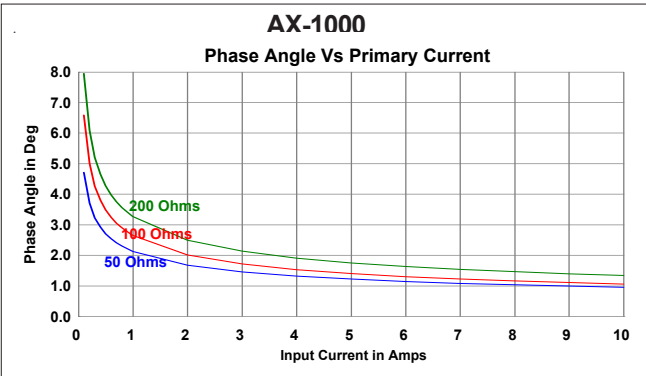
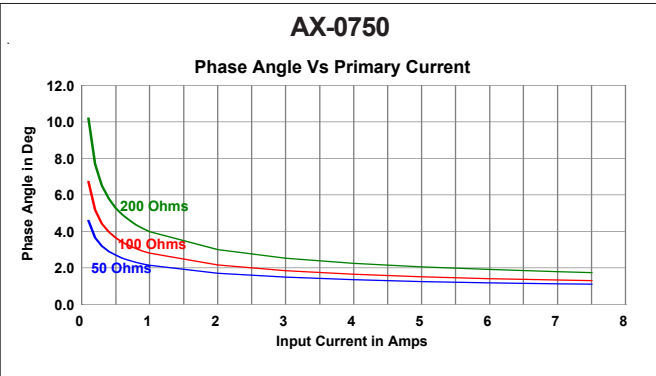
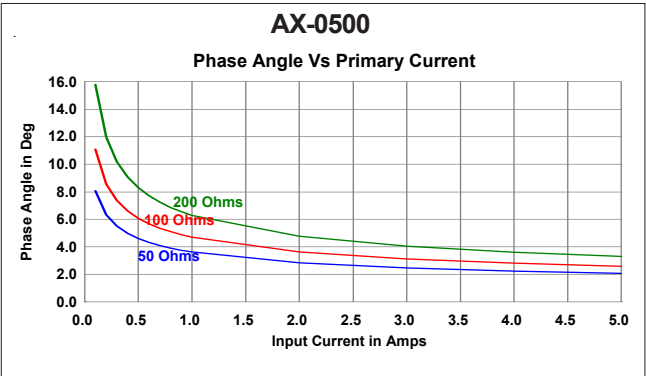
### Output Voltage Vs Input Current



Saturation Current Response



Phase Angle Vs Primary Current



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

### Talema Group Regional Offices

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