

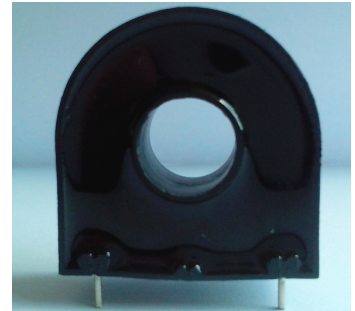
AMT Series - Current Sensor for 50/60 Hz

AMT Series current sensors operate as the sealed secondary of a current transformer while the conductor carrying the current to be measured functions as a one turn primary. Measurement accuracy can be improved by increasing the number of primary turns. Applications include detection of branch circuit overload and load drop or shutdown.

Features

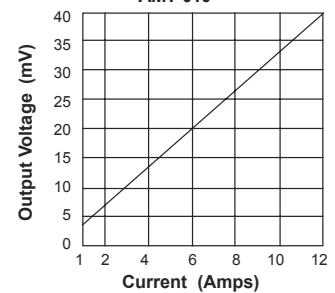
- Fully encapsulated for optimal PC board mtg.
- Mains frequency of 50/60 Hz
- Primary current ratings from 1 to 100 Amps
- Primary to secondary isolated to 2500 VAC
- Operating temperature range: -40° C to +120°C
- Competitive pricing due to high volume production
- Manufactured in ISO-9001 approved facility

Part Number	Current Range	Output Voltage Tolerance
AMT-010	1 - 10 Amps	±10%
AMT-020	1 - 20 Amps	±10%
AMT-030	1 - 30 Amps	±10%
AMT-050	5 - 50Amps	±10%
AMT-075	5 - 75 Amps	±10%
AMT-100	5 - 100 Amps	±10%

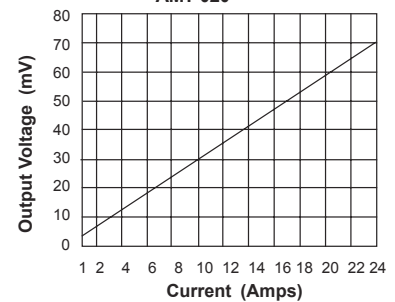


Typical Response

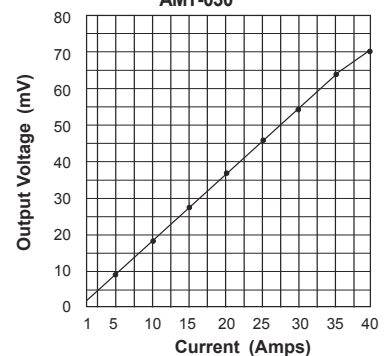
AMT-010



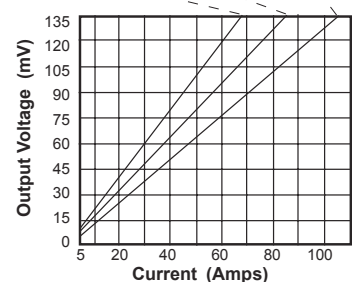
AMT-020



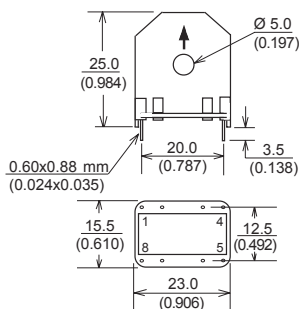
AMT-030



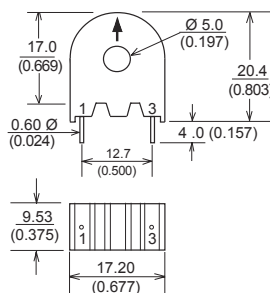
AMT-050, AMT-075 & AMT-100



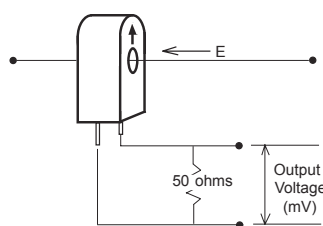
AMT-020



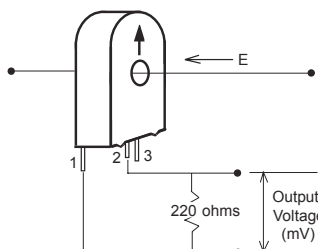
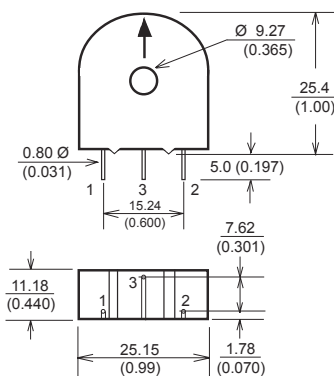
AMT-010



AMT-010 & AMT-020



AMT-030



Note: Pin #3 is Blank

AMT-050, AMT-075 & AMT-100

