



ASM Series • Current Sensor for 50/60 Hz

ASM 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.

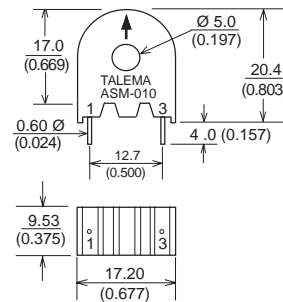
Features

- 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

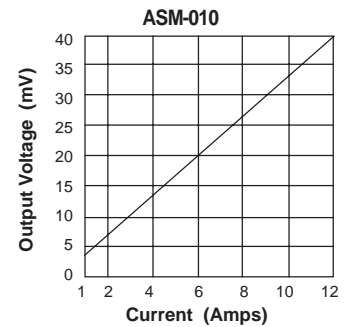


Part Number	Current Range	Output Voltage Tolerance
ASM-010	1 - 10 Amps	±10%
ASM-020	1 - 20 Amps	±10%
ASM-030	1 - 30 Amps	±10%
ASM-050	5 - 50Amps	±10%
ASM-075	5 - 75 Amps	±10%
ASM-100	5 - 100 Amps	±10%

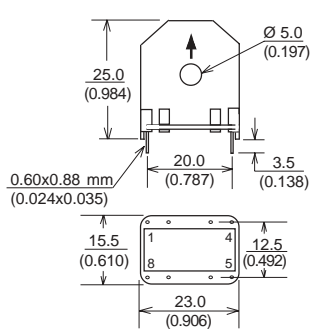
ASM-010



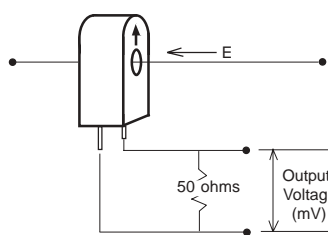
Typical Response



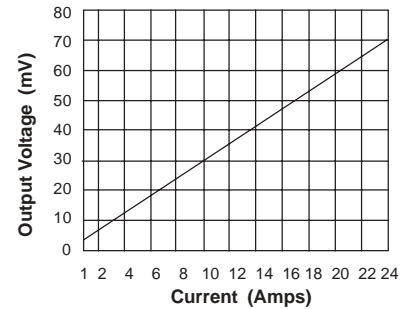
ASM-020



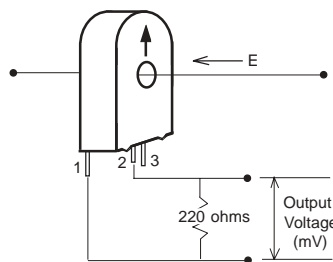
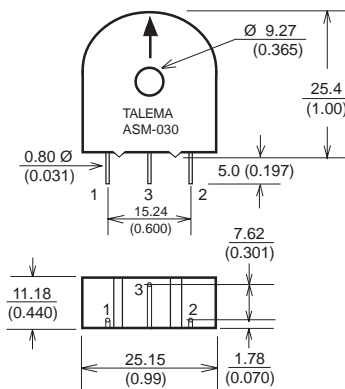
ASM-010 & ASM-020



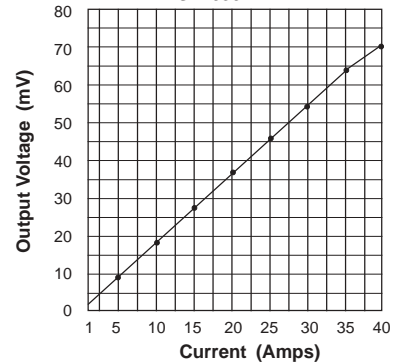
ASM-020



ASM-030

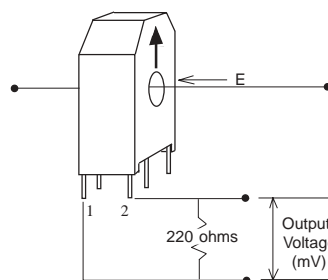
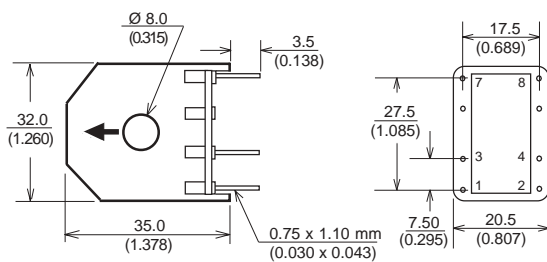


ASM-030



Note: Pin #3 is Blank

ASM-050, ASM-075 & ASM-100



ASM-050, ASM-075 & ASM-100

