



Measuring AC Amps with Clamp Adapter

WARNING! Do not attempt to make a current measurement in excess of Clamp Adapter range switch setting.

Note: The TPI A256 Adapter has 40 amp and 400 amp switch positions. Set the adapter switch for the maximum expected current. For motor starting current measurement use motor Locked Rotor Amps (LRA). For motor running amps use Motor Full-Load Amps (FLA).

CAUTION! Do not remove adapter dual banana plug from meter with clamp adapter around motor lead. First remove clamp adapter from motor lead then unplug adapter dual banana plug.

Example: Determining Motor Amperage

- Set Meter Selector Switch on V_{\sim} (AC Volts).
Note: The TPI A256 Current Adapter converts amps to millivolts (1mV / amp).
- Plug Clamp Adapter dual banana plug into meter **COM** and **V**.
- Set the Adapter Range Switch for the maximum anticipated current (40 or 400 amps).
- Place adapter probe around *single* motor lead.
- Read millivolts as amps.