

APP-00033 Split Core Current Transformer

Applications

- ✓ Watt-hour meters
- ✓ Sub-metering
- ✓ Power Monitoring
- ✓ Current Measurements
- ✓ Over/Under Current Sensing

Features

- ✓ High Accuracy
- ✓ Low Phase Angle Error
- ✓ Small Size
- ✓ Nickel Alloy Core
- ✓ Removable Leg

Specifications

Standard 5A=0.5V

Accuracy: 0.5A to 100A 0.6% @ 60Hz

Continuous Current Rating: 100 Amps

Max Current: 130A

Max Phase Angle Error: $\pm 60^\circ$ Min @ 60Hz

Voltage Rating: 600VAC

Bandwidth: 40Hz to 1KHz

Operating Temperature: -20°C to 50°C

Operation: Indoor

Case Material: ABS Thermoplastic

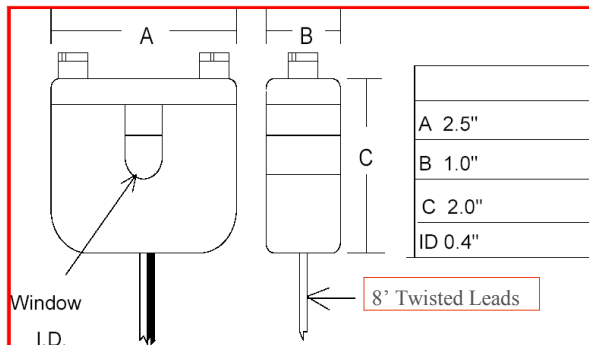
Removable Leg Screws: Knurled Nylon

Overall size: 2"H x 2.5"W x 1"D

Conductor Thru Hole Diameter: 0.4"

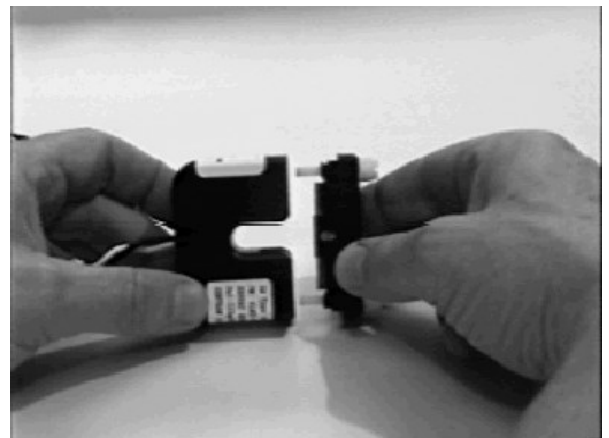
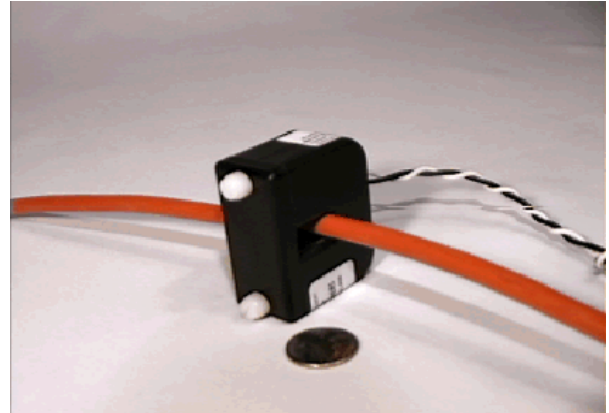
8' Twisted Leads

Black Wire Pos. W/ Arrow Towards Load



Notes

- Based on your desired output voltage, CT turns ration will be adjusted to meet published specifications.
- Internal resistors are 1/4W.
- Longer lead lengths available (up to 200')
- Removable leg contains a lapped spring loaded core that mates with the precision core in the main housing.



Optional Mounting Bracket Part # APP00231

Ordering Information

- Part# = APP-00033-XXXmV
- Where XXX = Your Desired Millivolt
- Output with 5 Amps Through the Primary
Example: APP-00033-500mv
- Part# for CT+Bracket Assembly 5A=0.5V is APP00241