



PS MANUAL

## CURRENT CLAMPS

1.0 Model **MM-CA60**

2.0 Description

Inductive Current Clamps for Multimeters and Scopes



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### 3.0 Features

- Can be used with any Multimeter that has 200mV & 2V range and an input impedance of at least 1 M $\Omega$
- LED light to inform you that the CA60 is turned ON
- Zero adjustment knob allows compensation for hysteresis effect in DC measurement
- Low Battery indication
- Jaw Opening Capability 9mm Conductor
- Overload protection 80 Amps for 60 seconds maximum

### 4.0 Physical and Dimensional Properties

- Each unit weighs approximately 0.24 Kg
- Width 67 mm
- Length 34 mm
- Height 190 mm

### 5.0 Performance

#### DC Current

- Range: 20 Amps, 10mA/mV
- Resolution: 1mA  $\pm$  (1.5% rdg:  $\pm$  5.mA)
- Range: 60 Amps, 100mA/mV
- Resolution: 10mA
- Accuracy:
  - $\pm$  (2%rdg  $\pm$  20mA) 100mA - 40A
  - $\pm$  (4%rdg  $\pm$  0.3A) 40A - 60A

#### AC Current

- Range: 40 Amps, 10mA/mV
- Resolution: 1mA
- Accuracy:
  - $\pm$  (2%rdg  $\pm$  5mA) 10mA - 10A / 40Hz - 2 kHz
  - $\pm$  (4%rdg  $\pm$  20mA) 10mA - 10A / 2 kHz - 10 kHz
  - $\pm$  (6%rdg  $\pm$  20mA) 10mA - 10A / 10 kHz - 20 kHz
  - $\pm$  (8%rdg  $\pm$  20mA) 10A - 15A / 40Hz - 20 kHz
- Range: 100mAmps/mV
- Resolution: 10mA
- Accuracy:
  - $\pm$  (2%rdg  $\pm$  30mA) 100mA - 40A / 40Hz - 1 kHz
  - $\pm$  (4%rdg  $\pm$  30mA) 100mA - 10A / 1 kHz - 5 kHz
  - $\pm$  (6%rdg  $\pm$  30mA) 100mA - 40A / 5 kHz - 10 kHz
  - $\pm$  (8%rdg  $\pm$  0.3A) 40A - 60A / 40Hz - 5 kHz

### 6.0 Uses

- Ideal for capturing waveforms from fuel pumps, injectors and relays.

### 7.0 Documentation

- Bar Code Number: **9346080001751**
- Product Specification Manual – PS 190
- Work Instruction Manual - WI 190
- Product Costing Manual - PC 190

