



**1-800-547-5740 • Fax: (503) 643-6322**  
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## Introduction

The CA383B measures both AC and DC current and is compatible with most DMMs which have a 200mV and 200mA AC range or a 40mA and 400mA AC range.

### Features include

- 300 Amps AC
- Max. jaw opening 1.2" (30mm)
- Dimensions: 3.1 x 6.1 x 1.4 (89 x 156 x 35mm)
- Output: 1mV AC per 0.1 Amp AC

## Operating Instructions

### Measuring AC Current

1. Observing the polarity markings on the CA383B connector, plug the test lead into the input jacks on your digital multimeter. The "-" on the CA383B connector plugs into the "**COM**" jack and the "+" plugs into the "**mA/μA**" jack on your multimeter.
2. If your multimeter is equipped with a 20mA and 200A AC range use one of the following settings:
  - a) Set the multimeter on 20mA AC and the CA383B on the 40 range for measuring 0 to 20A AC.
  - b) Set the multimeter on 200mA AC and the CA383B on the 400 range for measuring 0 to 200A AC.

If your multimeter is equipped with a 40mA and 400A AC range use one of the following settings:

- a) Set the multimeter on 40mA AC and the CA383B on the 40 range for measuring 0 to 40A AC.
  - b) Set the multimeter on 400mA AC and the CA383B on the 400 range for measuring 0 to 400A AC.
3. Clamp the jaw of the CA383B around a single current carrying wire.

**NOTE:** Clamp around only one wire at a time. If the CA383B is clamped around two or more wires, it will not work properly

4. Take the reading directly from the digital multimeter's display.

**NOTE:** 1mV = 1A

## Specifications

Measuring Ranges	
AC Amps	0-20A on 20mA or 200mV on 200mA AC range
	0-40A on 40mA or 400mV on 400mA AC range
Output	
AC Amps	1mV AC per 1A AC
Accuracy	
40A	±(1.5% of reading +2 least significant digits)
400A	±(1.5% of reading +4 least significant digits)
Operating Temperature	
+32°F to 122°F (0°C to 50°C)	



# CA383B

## Clamp-On Adapter

### Limited Warranty

The CA383B is warranted to be free from defects in materials and workmanship for a period of one year from the date of purchase. If within the warranty period your instrument should become inoperative from such defects, the unit will be repaired or replaced at Uei's option. This warranty covers normal use and does not cover damage which occurs in shipment or failure which results from alteration, tampering, accident, misuse, abuse, neglect or improper maintenance. Batteries and consequential damage resulting from failed batteries are not covered by warranty.

Any implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the express warranty. Uei shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim or claims for such damage, expenses or economic loss. A purchase receipt or other proof of original purchase date will be required before warranty repairs will be rendered. Instruments out of warranty will be repaired (when repairable) for a service charge. Return the unit postage paid and insured to:

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This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

