

Warranty

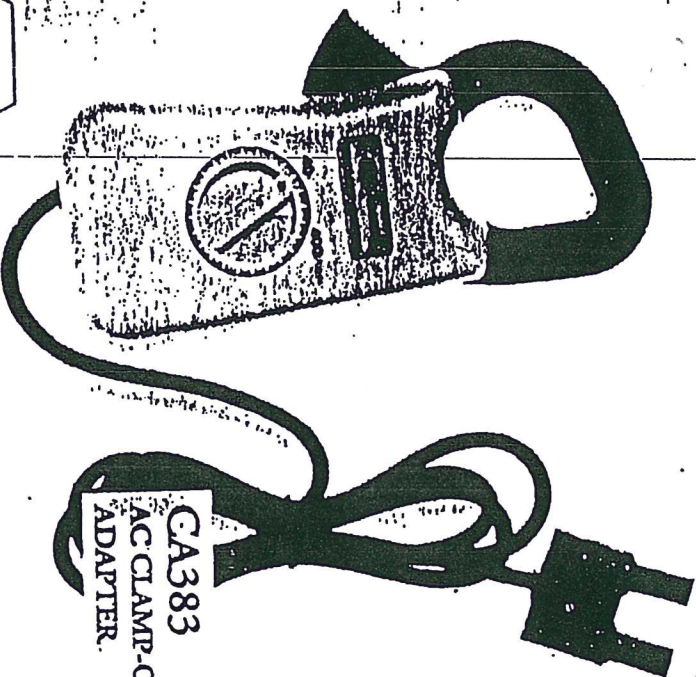
Your AC clamp-on adapter is warranted to be free from defects in materials and workmanship for a period of one year from the date of purchase. If within the warranty period your meter should become inoperative from such defects, the unit will be repaired or replaced at our option. This warranty covers 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. A purchase receipt or other proof of date of original purchase date will be required before warranty repairs will be rendered. Instruments out of warranty will be repaired for a service charge. Return the unit postage paid and insured to:



8030 SW Nimbus • Beaverton, OR 97008
(503) 644-8723 • Fax: (503) 643-6322

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

OPERATING INSTRUCTIONS



CA383
AC CLAMP-ON
ADAPTER



Universal Enterprises, Inc.

11/95 PRINTED IN KOREA

Specifications

Features

- Measure 0-40A AC and 0-400A AC
- Compact design

Measuring Ranges

AC Amps 0 - 20A on 20mA AC range
0 - 200A on 200mA AC range
0 - 40A on 40mA AC range
0 - 400A on 400mA AC range

Output

1mA AC per 1A AC

Accuracy

40A: $\pm(3\%$ of reading + 5 least significant digits)

400A: $\pm(2\%$ of reading + 5 least significant digits)

Operating Temperature

32°F to 122°F (0°C to 50°C)

Accessories

110V AC Line Splitter ALS1

Introduction

The CA383 clamp-on adapter is designed to measure AC current. It can be used with most digital multimeters having a 20mA and 200mA AC or 40mA and 400mA AC range.

2

Measuring AC Current

1. Observing the polarity markings on the CA383 connector, plug the test lead into the input jacks on your digital multimeter. The "-" on the CA383 connector plugs into the "COM" jack and the "+" plugs into the "mA/ μ A" jack on your multimeter.
2. If your multimeter is equipped with a 20mA and 200mA AC range use one of the following settings:
 - Set the multimeter on 20mA AC and the CA383 on the 40 range for measuring 0 to 20ACA
 - Set the multimeter on 200mA AC and the CA383 on the 400 range for measuring 0 to 200ACA

3

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

Set the multimeter on 40mA AC and the CA383 on the 40 range for measuring 0 to 40ACA

Set the multimeter on 400mA AC and the CA383 on the 400 range for measuring 0 to 400ACA

3. Clamp the jaw of the CA383 around a single current carrying wire.

NOTE: Clamp around only one wire at a time. If the CA383 is clamped around two or more wires it will not work properly.

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

NOTE: 1mA = 1A.

4

Returning for Repair

Before returning your CA383 for repair, please check to ensure the failure is not due to one or more of the following:

1. Digital multimeter is not set on the correct range.
2. Test lead is plugged into the correct input jacks on the multimeter.

UEI
8030 SW Nimbus Bldg #7
Beaverton OR 97008

5