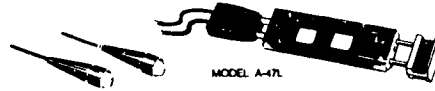


# AMPROBE® ENERGIZER

MODEL A-47L

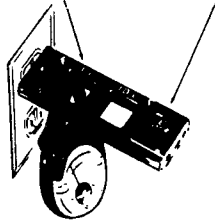
May be used with any Amprobe clamp-on type, current-measuring instrument except Model P/FAA1500(T). May be used with Recorder Models LAW79C(T) for KW measurements.



MODEL A-47L

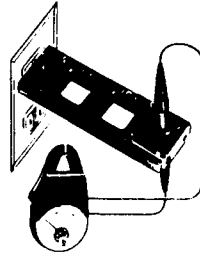
## HOOK-UP FOR CURRENT READING

**DIRECT READING**  
Snap instrument jaws over ENERGIZER at 1X position.



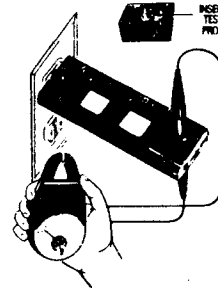
**10X SENSITIVITY**  
Snap instrument jaws over ENERGIZER at 10X position.

## HOOK-UP FOR VOLTAGE READING



## TO MEASURE LINE VOLTAGE

Insert voltage test prods of instrument into receptacles marked "LEAD" one on each side of ENERGIZER - and take reading.



**SPECIFICATIONS** maximum continuous current: 15 amperes  
**CAUTION** From 16 to 20 amperes - 1 minute.

**NOTE:** DO NOT take voltage reading with instrument jaws snapped around ENERGIZER.

## PRECAUTIONS FOR PERSONAL SAFETY

### IMPORTANT:

1. Before using any electrical instrument or accessory for actual testing, the unit should be checked on known live line to make certain it is operating properly.
2. In many instances, you will be working with dangerous levels of voltage and/or current; therefore, it is important that you avoid direct contact with any uninsulated, current-carrying surfaces. Appropriate insulating gloves and clothing should be worn.
3. Should the A-47L accidentally be used to try to measure a current beyond its range capability, immediately remove the A-47L from the circuit.

**CAUTION:** NEVER insert the Energizer with the Red Shorting Bar plugged in it into a receptacle. The Shorting Bar is used ONLY for series connection of the Energizer, see instructions.

**AMPROBE INSTRUMENT**  
DIVISION OF CORE INDUSTRIES INC., LYTHROCK, NEW YORK 11963

**MODEL A-47L GIVES QUICK CURRENT READINGS ON EQUIPMENT HAVING DOUBLE CONDUCTOR ELECTRIC CORD.**

1. Plug line cord into ENERGIZER.
2. Plug ENERGIZER into convenience outlet. Snap instrument jaws over ENERGIZER at 1X position for direct reading in amperes. Use 10X position for greater sensitivity of instrument reading.
3. Take current readings as follows:

**EXAMPLE -**

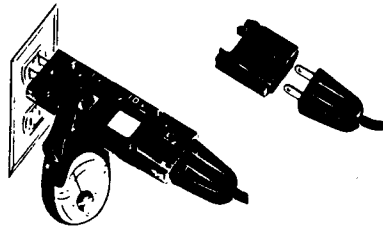
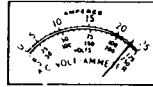
**1X position**

Reading in amperes without any increase in sensitivity 2.3 amperes.



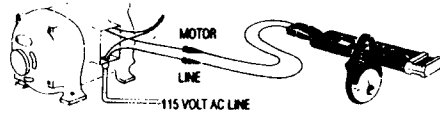
**10X position**

Same reading with 10X sensitivity. Divide by 10 to get reading of 2.3 amperes. (23 divided by 10)



**SIMPLIFIES CURRENT READING ON PERMANENTLY WIRED ELECTRICAL EQUIPMENT BY PERMITTING SERIES CONNECTION OF ENERGIZER**

1. Plug RED Shorting Cap into ENERGIZER. Plug ENERGIZER into Female Connector of RAL-4 Leads.



RAL-4 LEADS



RED \* SHORTING CAP

2. Connect RAL-4 Battery Clips in series with Motor and Line Cord. Snap instrument jaws over ENERGIZER at 10X or other appropriate position (see step 3 above).

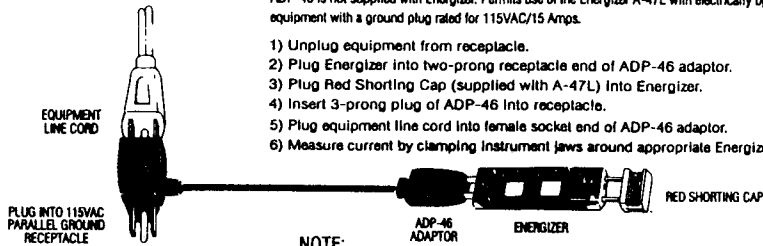
**\*CAUTION: ENERGIZER and Red shorting Cap assembled, SHOULD NEVER BE INSERTED into a convenience outlet-Circuit fuse will blow!**

**MODEL ADP-45 ENERGIZER ADAPTOR CONSISTS OF: Red Shorting Cap and RAL-4 Leads**

**INSTRUCTIONS FOR USE OF CAT. NO. ADP-46 ENERGIZER GROUND ADAPTOR WITH ENERGIZER MODEL A-47L**

ADP-46 is not supplied with Energizer. Permits use of the Energizer A-47L with electrically operated equipment with a ground plug rated for 115VAC/15 Amps.

- 1) Unplug equipment from receptacle.
- 2) Plug Energizer into two-prong receptacle end of ADP-46 adaptor.
- 3) Plug Red Shorting Cap (supplied with A-47L) into Energizer.
- 4) Insert 3-prong plug of ADP-46 into receptacle.
- 5) Plug equipment line cord into female socket end of ADP-46 adaptor.
- 6) Measure current by clamping instrument jaws around appropriate Energizer loop.



**NOTE:**

Voltage measurements cannot be taken at the Energizer receptacles marked "LEAD" when the ADP-46 is being used