



AC VOLTAGE DETECTOR/FLASHLIGHT

TEN01057



Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.

Description

The Volt finder voltage detector is intended to check for the presence of AC voltage, signaling the user with an LED on. Built-in bright flashlight with ON/OFF button.

Feature/Benefits:

- Non-Contact Detection of AC Voltage 200~1000VAC (50/60Hz).
- Rugged, double molded case.
- May be used to find a break in a wire or detect the presence of voltage at outlets, lighting fixtures, circuit breakers, wires and cables.
- Bright LED if voltage is present.
- Built-in bright flashlight with ON/OFF button.
- Convenient size with pocket clip.
- An essential tool for every electrician and tradesperson.

Safety

This instruction manual and any markings on the tool provide information for avoiding hazards and unsafe practices related to the use of this tool. Observe all of the safety information provided.

Important Safety Information

WARNING	
	Read and understand this material before operating or servicing this equipment. Failure to understand how to safely operate this tool can result in an accident causing serious injury or death.

WARNING	
	Electric shock hazard: Contact with live circuits can result in severe injury or death.

WARNING	
Electric shock hazard:	
<ul style="list-style-type: none">● Do not use the unit if it is wet or damaged.● Do not apply more than the rated voltage between the probe tip and earth ground.● Do not operate with the case open.	
Failure to observe these warning can result in severe injury or death.	

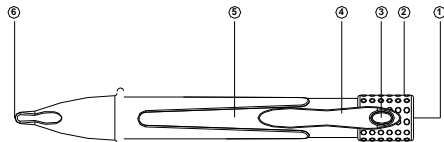
CAUTION	
<ul style="list-style-type: none">● Do not attempt to repair this unit. It contains no user-serviceable parts.● Do not expose the unit to extremes in temperature or high humidity. See Specifications.	
Failure to observe these precautions can result in injury and can damage the instrument.	



IMPORTANT

Using this unit near equipment that generates

Detector Description



- ① Flashlight
- ② Detector cap
- ③ Flashlight power ON/OFF
- ④ Detector handle
- ⑤ Detector body
- ⑥ Detector clip

Operation

The Voltage Detector is useful for the identifying hot and neutral conductors, finding a break in a wire, and detecting the presence of AC voltage at:

- Outlets
- Switches
- Circuit breakers
- Fuses
- Wires and cables

Note: The voltage detector can be used to find a break in a wire:

- *To find a break in a hot conductor, trace the wire until the signal stops.*
- *To find a break in a neutral conductor, connect a load between the hot and neutral. Trace the wire until the signal stops.*

1. Test the unit on known functioning circuit or component.
 - If the unit does not function as expected on a known functioning circuit, replace the batteries.
 - If the unit still does not function as expected, send the unit to repair.

2. Place the probe tip on or near the circuit or unit to be tested.
LED indicate the presence of AC Voltage from 200~1000 VAC (50/60Hz).

Note: The voltage detector cannot detect voltage on armored cable or on cable in conduit, behind panels, or in metallic enclosures.

Specifications

Indicators: LED

Voltage Range: 200~1000 VAC (50/60Hz)

Over voltage Category: Category III - 1000V (non-condensing)

Pollution Degree: 2

Battery: Two 1.5 volt batteries (AAA, NEDA 24A or IEC LR 03)

Battery Replacement

1. Disconnect the unit from the circuit.
2. Remove the battery compartment cove.
3. Replace the batteries (observe polarity).
4. Replace the battery compartment cover.



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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