

DRAPER

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Original Instructions  
Version 2  
May 2025

# SOCKET & VOLTAGE TESTER SET

82384



UK  
CA CE

## 1.1 Product Reference

User Manual for: Socket & Voltage Tester Set  
Stock No: 82384  
Part No: SVT

## 1.2 Revisions

Version 1: December 2024  
First release

Version 2: May 2025

Read this manual in full before using this product and retain it for future use. Always use the latest version of the manual. Please visit [drapertools.com/manuals](http://drapertools.com/manuals) for the latest version.

## 2.1 Intended Use

The socket tester is designed to test and find electrical faults on 13A sockets. A combination of the three indicator lights and the coding chart provided will show the condition of the socket wiring.

The voltage tester is designed to detect AC voltage in outlets, lighting fixtures, circuit breakers, wires and cables without contact with the circuit.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

## 2.2 Specification

|                       |                        |
|-----------------------|------------------------|
| Stock No.             | 82384                  |
| Part No.              | SVT                    |
| <b>Socket Tester</b>  |                        |
| Rated Voltage         | 230V                   |
| Rated Frequency       | 50Hz                   |
| Test Time             | 60 – 90seconds         |
| Working Temperature   | 0 - 40°C               |
| Relative Humidity     | <80%                   |
| Dimensions            | 71 X 62 X 62mm         |
| Net Weight (approx.)  | 63g                    |
| <b>Voltage Tester</b> |                        |
| Rated Voltage         | 200 - 600V AC          |
| Rated Frequency       | 50 - 500Hz             |
| Category Rating       | CAT III /600V          |
| Working Temperature   | 0 - 40°C               |
| Battery Requirement   | 2 X AAA (not supplied) |
| Net Weight (approx.)  | 46g                    |

## 3 Health and Safety Information

**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the socket.

### Socket Tester



#### WARNING!

- The tester provides an instant reading of the socket wiring. **DO NOT LEAVE INSERTED INTO THE LIVE MAINS SOCKET FOR LONGER THAN THE MAXIMUM TEST TIME OF 90SECONDS.**
- To prevent electric shocks:
  - Use the correct safety measures when working with voltages above 32V RMS, 42V AC peak or 60V DC.
  - DO NOT** touch any conductors with hands or skin.
- If a plug adapter must be used to test a socket or a lead connection, ensure that it is in perfect condition especially the protective conductor connection to avoid faulty test results.
- Check the tester before each use and **DO NOT** use if any damage, broken or cracked parts.
- Before use check the tester with a known voltage source to verify it is in perfect working order.
- The tester must only be used under the conditions and for the purpose it has been designed for.
- DO NOT** use tester if wet or damaged in any way. Keep it dry and free from dust.
- The tester cannot detect between Neutral/Earth reverse.

### Voltage Tester



#### WARNING! Contact with live circuits can result in severe electrical shock

- NEVER** use this product to test for the presence of voltages that may be greater than the rated capability of this device as it may expose you to a shock hazard.
- Observe all standard precautions and good practice when working with live electrical currents.
- DO NOT** use if the light fails to operate.
- Check the tester before each use and **DO NOT** use if any damage or broken or cracked parts.
- Before use check the tester on a known live circuit.
- The tester must only be used under the conditions and for the purpose it has been designed for.

- **DO NOT** immerse this tester in water or expose it to wet conditions.
- **DO NOT** use this product around explosive gases, vapours or dust.
- **ALWAYS** wear protective insulated gloves while using this product.
- **ALWAYS** keep your fingers behind the guard during use.

## 4. Socket Tester

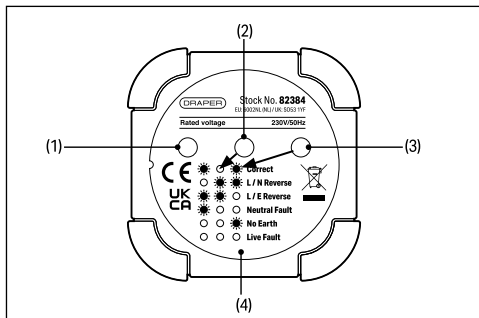


Fig. 1

- (1) Indicator light      (3) Indicator light  
(2) Indicator light      (4) Coding chart

### 4.1 Socket Tester Operation

1. Plug the tester into the socket to be tested.
2. The 3 lights will come on in different combinations to indicate the condition of the socket wiring.
3. Refer to the coding chart on the tester and table below for an explanation of the test results.

| Light        | 1        | 2        | 3        | Test Results                   |
|--------------|----------|----------|----------|--------------------------------|
| Coding Chart | Column 1 | Column 2 | Column 3 |                                |
|              |          |          |          | Socket wiring is correct       |
|              |          |          |          | Live and Neutral wire reversed |
|              |          |          |          | Live and Earth wire reversed   |
|              |          |          |          | No Neutral wire                |
|              |          |          |          | No Earth wire                  |
|              |          |          |          | No Live wire                   |

**NOTE:** means 'Light ON'      means 'Light OFF'

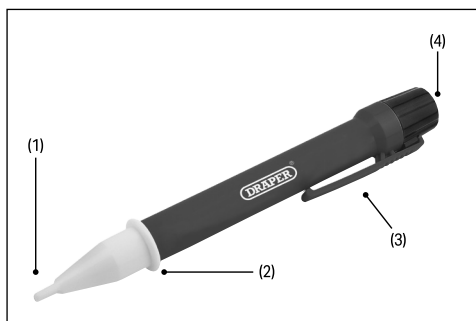


Fig. 2

- (1) AC detection light      (3) Pocket clip  
(2) Guard      (4) Battery compartment cap

### 5.1 Installing the Batteries

1. Unscrew the battery compartment cap (4) by turning anti-clockwise.
2. Fit 2 X AAA batteries – ensuring +/- is in the correct orientation.
3. Refit the battery cap by turning clockwise until the tab on the cap aligns with the top of the pocket clip. Tighten securely.

### 5.2 Voltage Tester Operation

**Important:** Test the device on a known voltage before **EVERY** use. If the device does not respond as expected, replace the batteries and/or test on another known voltage. If it continues to operate abnormally, have the unit replaced or repaired. **DO NOT** continue to use the device.

- When the device detects a voltage at 200–600V AC the detection tip (1) will light up
- To test for AC voltage in an outlet, switch, cable or other component, position the detector tip into the socket or in close proximity to the component.

**Important:** Lack of response from the device does **NOT** guarantee that a voltage is not present. Test the wiring from all sides as the live wire may be shielded from the detector by other conductors.

- The following conditions may cause the device not to respond when a voltage is present:
  - The cable is armoured or in conduit, or the insulation is too thick.
  - The cable is concealed by panels or metallic enclosures.

## 6. Maintenance, Storage and Disposal

- When not in use, wipe over with a dry cloth and store in a cool, dry, dust free and childproof place.
- Remove the batteries from the voltage tester for prolonged storage.
- At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.
- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



## 7. Warranty

Warranty period is 12 months from date of purchase.

Visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for more information.

## Contact Details

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