

BS Socket Tester

Features

- Suitable for testing and inspection of power socket outlets in residential and commercial buildings.
- LED indication to determine correct or incorrect wiring.
- RCD test button to test 30mA rated RCD.
- LED indication of the detected voltage range of the socket outlet.



Safety Instructions

1. These instructions should be read carefully and retained for future reference.
2. Do not use the socket tester if it is damaged or the case (or part of the case) is removed. Look for any cracks or missing plastic.
3. To ensure the socket tester is in a good working condition, test its functions on a known working socket outlet.
4. Do not leave the socket tester plugged in a socket outlet for more than two minutes.
5. Take extra precautions when working with voltages above 60V DC or 30V rms AC.
6. This socket tester cannot detect N/PE fault.
7. The socket tester must not be used in place of equipment that is specifically designed to test RCD protected circuits
8. Do not store the socket tester in an environment with high humidity and temperature.
9. This product is suitable for indoor use only. Do not use in damp or wet conditions.

Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

Operating Instructions

Socket Outlet Wiring Test

The LED indicators at the top of the front panel indicate the status of the wiring of the socket outlet.

1. Plug the socket tester into a socket outlet to be tested.
2. Read the socket tester indicators status and compare with the test results table below.

Green Indicator (left)	Green Indicator (mid)	Red Indicator (right)	Test Result
ON	ON	OFF	Correct socket wiring
ON	OFF	OFF	Neutral open
OFF	OFF	OFF	Live open
OFF	ON	OFF	Earth open
OFF	ON	ON	Live/Earth reverse
ON	OFF	ON	Live/Neutral reverse

Socket Outlet Voltage indication

The voltage measurement function of the socket tester determines the voltage of the socket outlet under test. The green Neons at the bottom of the panel indicate the approximate voltage range of the socket outlet.

Socket Voltage	90V Indicators	180V Indicators	250V Indicators
110V	ON	OFF	OFF
230V	ON	ON	Faintly bright

RCD Test

1. Plug the socket tester into a socket outlet that is monitored by the RCD to be tested.
2. Push the RCD test button to start the test and the RCD will trip. If the RCD doesn't trip, the RCD and the entire installation must be checked by a qualified professional.

Warning The socket tester must not be used in place of equipment that is specifically designed to test RCD protected circuits.

General Specification

Measurement Category	CAT III 600V	Operating Conditions	0°C - 40°C @ <80%RH
Nominal Voltage	240V AC 50Hz	Storage Conditions	-10°C - 50°C @ <80%RH
RCD Test Current	30mA	Dimensions	158x74x36mm
RCD Tripping Time	30-600ms	Compliance	BS EN 61010-1,12-030 BS EN 61326-1