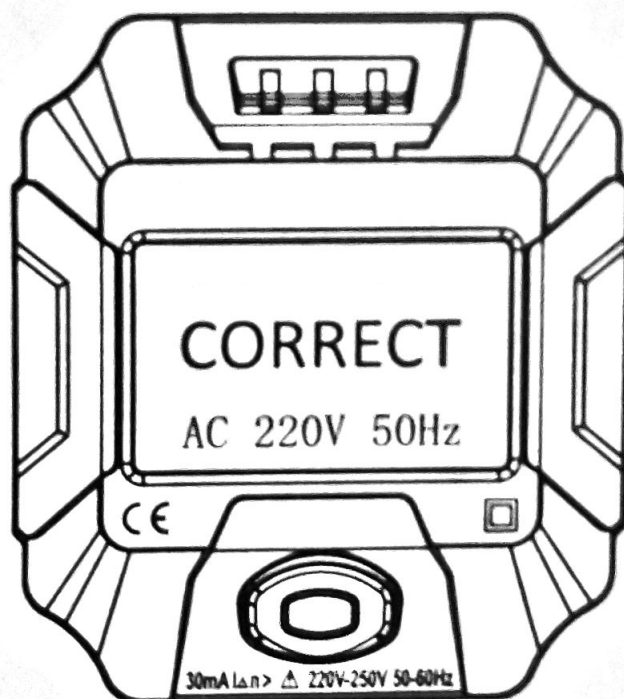


Smart socket tester manual



Smart socket tester is mainly used for polarity detection of power socket wiring and safety detection of leakage switch. It can quickly and accurately detect the wiring situation of the socket. It is an intelligent digital tester. The voltage and frequency of the socket can be detected and if the wiring is correct or not.



Warning

Please read the instruction manual carefully before use, and strictly observe the precautions, cautions, warnings, etc. listed in the safety rules and instruction manual.

Safety instructions

In order to avoid possible electric shock or personal injury:

- please check carefully before use, the first is the tester. Confirm whether there is any damage. If it is damaged, please stop using it immediately and send it for repair.
- Check whether the tester is correct. Please insert the test into a known correct socket to test it. And make sure the test function is correct before using it.
- The leakage switch test function must be performed under the condition of correct wiring and there is a leakage switch on the circuit.

- When testing the leakage switch, please turn off all equipments on the power line to ensure that the power failure will not cause any harm. When testing in public places, you must perform the test only after permission.
- When using the tester to detect the socket wiring error, please find a professional electrician for repair.

Technical parameters

- working voltage/measuring voltage range:
90-250v/45-65Hz
- whole machine working current:
<3mA(not in RCD status)
- measuring voltage accuracy :± (2%+5)
- working temperature, 0-40°C
- working humidity: 20%-75%RH
- storage temperature:-10~50°C
- storage humidity: 20-80%RH

- altitude: < 2000 meters
- RCD current: $> 30\text{mA}$
- LCD operating voltage: $220\text{V} \pm 20\text{V}$

Operating instructions

Socket polarity test

Plug the tester into a standard three-hole power outlet, and the three red lights are scanning from left to right quickly. At the same time, the test results are all displayed on the LCD screen.

The program has six states, but only one state can be displayed at a time.

1. CORRECT
2. MISSING GROUND
3. MISSING NEUTRAL
4. LIVE NEUTRAL REVERSE
5. LIVE GROUND REVERSE
6. LIVE GROUND REVERSE & MISSING GROUND

At the same time, the voltage and frequency are displayed on the lower part of the LCD screen.

Attention

1. If the tester is not pulled out for a long time after the test for more than five minutes, the backlight of the LCD screen will be turned off, and the three lights on the upper part will flash at the same time. It is best to unplug the tester before testing and working.

2. Second, please be careful not to touch the RCD button of the leakage test during use, so as to avoid accidentally triggering the leakage protection switch to avoid unnecessary losses.

3. When a wrong wiring is detected, please find a professional electrician for repair.

RCD leakage switch detection

Plug the tester into a properly wired three-hole power socket, and press the leakage test button (less than three seconds). At this time, the normal leakage switch will trip. If it does not trip, the leakage switch has failed, please find a professional electrician for repair in time.

Cleaning

Use a damp cloth instead of using detergent or other chemicals. Be sure to use it before completely dry.