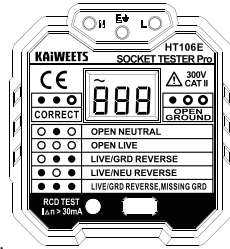


RECEPTACLE TESTER HT106E INSTRUCTIONS

Designed to detect common wiring problems in standard and RCD receptacles. In addition, the tester with the LCD can measure the socket voltage.



Diagnostics chart

Indicator	Condition	Explanation
●●○	CORRECT	Receptacle is wired correctly
●○○	OPEN GROUND	Ground contact is not connected; Ground wire is not connected to the ground.
○●○	OPEN NEUTRAL	Neutral contact is not connected
○○○	OPEN HOT	Hot contact is not connected
○●●	HOT/GRD REVERSE	Hot and ground connections are reversed
●●●	HOT/NEU REVERSE	Hot and neutral connections are reversed
●●●	HOT/GRD REVERSE, OPEN GRD	Reverse connection between the hot line and ground line, and the ground line is unconnected.

* ● Indicator Illuminated ○ Indicator Not Illuminated

Note: This tester cannot distinguish reverse connection between neutral line and ground line.

Warning

Read, understand, and follow all warnings and instructions before operating testers. Failure to follow instructions could result in death or serious injury.

- Before each use, verify tester operation by testing on a known live and correctly wired receptacle. Do not use if the tester appears damaged in any way.
- The tester is intended for indoor use only. Other equipment or devices attached to the circuit being tested could interfere with the tester, clear the circuit before testing.
- This tester only detects common wiring problems. Always consult a qualified electrician to resolve wiring problems

Wiring Configuration Testing

Conditions indicated: wiring correct, open ground, reverse polarity, open hot, open neutral and hot/ground reversed.

Conditions NOT indicated: quality of ground, multiple hot wires, combinations of defects, reversal of grounded and grounding conductors.

All appliances or equipment on the circuit being tested should be unplugged to help reduce the possibility of erroneous readings.

Standard Receptacles

1. Verify tester operation by testing on a known live and correctly wired receptacle.
2. Plug tester into receptacle.
3. Compare the illuminated lights on the tester to the key code printed on the tester.
4. If the tester indicates that the receptacle is not wired correctly, consult a qualified electrician.

Note:

1. **The test time should be no more than 5 minutes.**
2. When using, please be careful not to touch the RCD button, so as not to trigger the leakage protection switch and cause unnecessary loss.

RCD Receptacles

1. Check the RCD receptacle user manual for information on how the specific receptacle operates prior to using this tester.
2. Insert the tester into the receptacle under test to check for correct wiring. Lights on the tester should illuminate. **Only press the RCD button when the lights are illuminated as “●●●” (CORRECT).**
3. Press the test button on the RCD receptacle. The RCD light should illuminate. **Did the RCD trip and all lights on the tester go dark?**

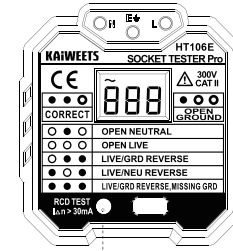
YES: Reset the RCD by pressing the reset button. The RCD is operating properly.

NO: Proceed to step 4.

4. Did the RCD light illuminate?

YES: The RCD is not operating properly or the receptacle is miswired. Consult a qualified electrician.

NO: The tester is not operating properly. Please contact us for product warranty.



RCD Light

Voltage Test

Insert the tester into a standard socket of UK. Read the socket voltage value from the tester screen, the unit is V.

Measuring Range: 48~250V/45~65Hz; Accuracy: $\pm (2.0\%+2)$

Clean

Wipe with a clean, dry lint-free cloth. Do not use abrasive cleaners or solvents.

Technical specifications

- Operating voltage: 48~250V/ 45~65Hz
- Operating temperature: 0°C~40°C
- Operating humidity: 20%~75%RH
- Storage temperature: -10°C~50°C
- Storage humidity: 20%~80%RH
- Altitude: $\leq 2000\text{m}$
- RCD test: $>30\text{mA}$



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