



wiha 45220 Socket Tester Instruction Manual

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





wiha 45220 Socket Tester



Symbols

Symbols / Notes

-  **Warning** of possible dangers; observe the associated note in the operating instructions.
-  **Warning** of electrical voltage – risk of electric shock.
-  **Note**, information.
-  Double or reinforced insulation throughout according to class II IEC 60536.
-  Complies with EU specifications.
-  Complies with UK specifications.
-  The appliance complies with the Waste Electrical and Electronic Equipment Directive (2012/19/EU WEEE).

CAT II/300V

The unit complies with measurement category CAT II/300 V to earth.

Description of the measurement categories

CAT I for measurements on circuits that have no direct connection to the mains, e.g. battery-powered devices.

CAT II for measurements on circuits that have a direct connection to the low-voltage mains by means of a plug, e.g. household appliances, portable electrical appliances and similar.

CAT III for measurements within the building installation, i.e. distribution boards, circuit breakers, wiring, including cables, busbars, junction boxes, switches, sockets in the fixed installation as well as equipment for industrial use and other equipment, for example stationary motors permanently connected to the mains.

CAT IV for measurements at the source of the low-voltage installation, e.g. meters or ammeters.

Introduction

Introduction / Scope of delivery

- The operating instructions contain information and instructions that are necessary for safe operation and maintenance of the appliance. Therefore, before using the machine (commissioning/assembly), the user should read the operating instructions carefully and follow them in all points.
- If the operating instructions are not read or the warnings and notes contained therein are not observed, serious personal injury or damage to property may result.
- The socket tester is a testing device for quick and safe indication of correct or faulty socket or cable connections in the wiring.
- The unit may only be used in properly earthed electrical installations!
- Integrated socket test

Scope of delivery

- 1x Socket tester
- 1x Instruction manual

Transport and storage

- Please keep the original packaging for later shipment, e.g. for calibration.
- Transport damage due to inadequate packaging is excluded from the warranty.
- The unit must be stored in a dry place in a closed room.
- If the unit has been transported or stored at extreme temperatures, it requires at least 2 hours of acclimatisation to room temperature before being switched on.

Safety instructions

The socket tester has been built and tested in accordance with the current safety regulations for electrical measuring, control and laboratory equipment as per IEC/ EN 61010-1 and has left the factory in safe and perfect condition.

- The socket tester is only a testing device and must not be used for measurements according to the CH installation standard (NIN).
- The socket tester does not test for absence of voltage.
- To avoid electric shocks, the applicable safety and VDE regulations must be observed when working with voltages above 120 V (60 V) DC or 50 V (25 V)
- RMS AC. The values in brackets apply to restricted voltage ranges (for example in the medical or agricultural sector).
- Before use, make sure that the device is functioning properly. The tester may only be used within the specified measuring ranges.
- If the safety of the user is no longer guaranteed, the unit must be taken out of service and protected from further use.

Safety is no longer guaranteed if the unit

- has obvious damage.
- no longer performs the desired measurements.
- has been stored for too long under unfavourable conditions.
- has been subjected to mechanical stress during transport.
- has been contaminated by leaking batteries.
- has been altered in any way and no longer corresponds to its original condition.
- In the above cases, the unit must no longer be used!
- The unit may only be opened by trained personnel. Before opening, make sure that the unit has been disconnected from all measuring circuits.
- The accident prevention regulations laid down by the professional associations for electrical systems and equipment must be strictly observed during all tasks.
- To ensure correct operation and long life, do not leave the instrument in direct sunlight where it may heat up.

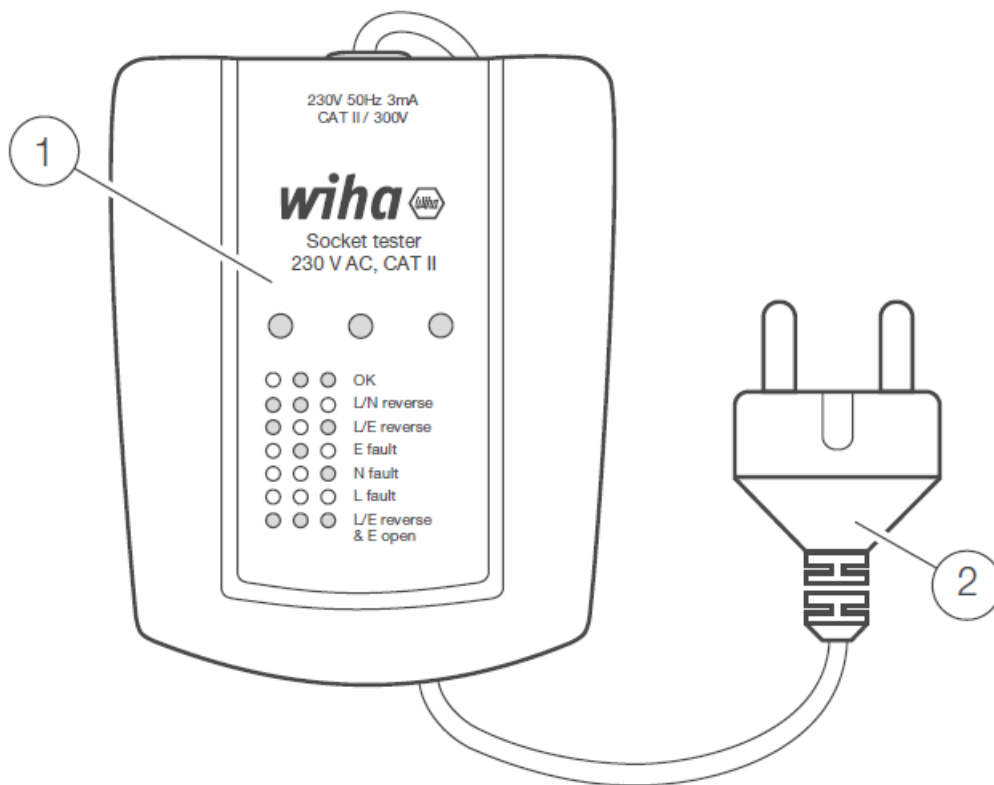
Intended use / Operating elements

Intended use

- The appliance may only be used under the conditions and for the purposes for which it was designed.
- In this regard, particular attention must be paid to the safety instructions, the technical specifications with regard to the ambient conditions and the use of the appliance in dry environments.

Operating elements

1. LED display
2. Mains plug



Error messages during the installation and function test

- The unit may only be used in properly earthed electrical installations!
- If an adapter must be used to test a socket or a connecting cable, make sure that the adapter is in perfect condition and is electrically connected throughout.
- The use of adapters without a continuous protective conductor connection will lead to faulty test results.
- Before use, check that the unit is in working order, for example on a known voltage source.
- The tester does not detect reversed N<->PE connections.

Socket inspection

- To test sockets and connecting cables, insert the device into the socket.
- A statement about the test result is made by means of the display legend below.
- L is marked with a red dot on the power plug.

Care and maintenance

- When operated according to the instructions in the operating manual, the unit does not require any special maintenance.
- If the unit becomes dirty from daily use, it is recommended to clean the unit with a damp cloth and a mild household cleaner. Before cleaning the unit, make sure that it has been disconnected from the external power supply and all other connected devices.
- Never use harsh cleaners or solvents for cleaning. The unit should not be used for about 6 hours after cleaning.

Technical data

- Rated voltage 230 V \pm 15 %
- Frequency 50 Hz \pm 3 Hz
- Max. tolerated voltage N \leftrightarrow PE 5 V
- Measurement category CAT II/300 V
- Standard EN 61010-1 (DIN VDE 0411-1)
- IP protection class IP40
- Storage and operating temperature -10...50 °C
- Pollution level 2

The unit may only be used in properly earthed electrical installations!

Service and warranty

- Should the device no longer work, should you have any questions or require information, contact an authorised customer service point for Wiha power tools:


Customer care

- Wiha Werkzeuge GmbH
- Obertalstraße 3 – 7
- 78136 Schonach
- GERMANY
- Tel.: +49 7722 959-0
- Fax: +49 7722 959-160
- Email: info.de@wiha.com.
- Website: www.wiha.com.

The warranty is voided in the event of injury or damage to property caused due to non-compliance with these instructions. The manufacturer accepts no liability for consequential damage!

Wiha Werkzeuge GmbH

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- 78136 Schonach
- GERMANY
- Tel.: +49 7722 959-0
- Fax: +49 7722 959-160
- E-Mail: info.de@wiha.com.
- Website: www.wiha.com.

 <p>The image shows the packaging for the Wiha 45220 Socket Tester. The box is black with white and red text. At the top left is the Wiha logo. Below it, the text 'Steckdosentester' and 'Socket tester' is visible. The model number '45220' is prominently displayed. A small image of the tester and a power plug is also shown on the box.</p>	<p>wiha 45220 Socket Tester [pdf] Instruction Manual 45220 Socket Tester, 45220, Socket Tester, Tester</p>
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References

-  [Wiha Werkzeuge GmbH - Tools that work for you](#)

Manuals+.