

ERMENRICH ST40 Socket Tester User Manual

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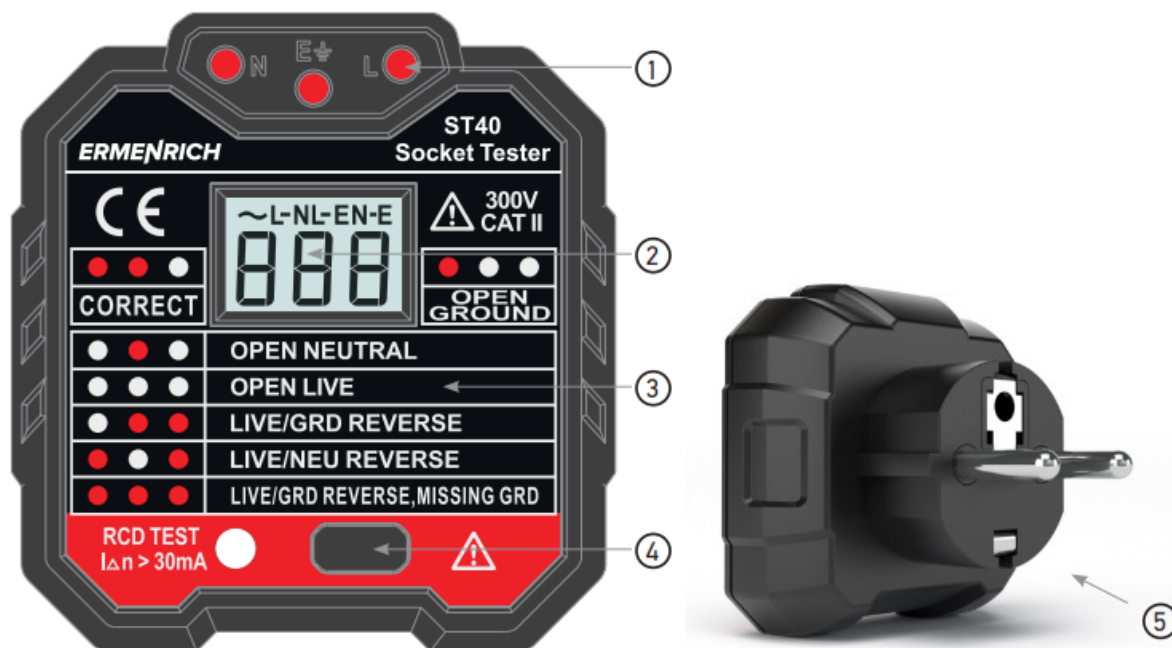
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ERMENRICH ZING ST40 SOCKET TESTER

User Manual



ERMENRICH
by levenhuk



1. LED indicator lights
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5. European standard plug

Please carefully read the safety instructions and the user manual before using this product. **Keep away from children.** Use the device only as specified in the user manual.

Socket test

Check that the device is clean as well as free of dust, grease, and moisture. Examine all of the socket leads for damage. Test the device on a properly functioning socket before using it for the first time.

Insert the device into a power socket. Compare the LED indicator lights to the LED data table below. Pull the device out of the socket. If any errors are found, the wiring must be tested.

Voltage measurement

Insert the device into a power socket. The voltage measurement results will appear on the LCD screen (2).

RCD test

The RCD test can only be carried out on a properly functioning socket. Insert the tester into a socket, press the RCD test button (4) (not more than 3 seconds). If the circuit breaker is functioning properly, the power will be cut off. If power is still on, it means that the circuit breaker is not working. The device should be repaired by a professional electrician.






















When performing the RCD test, disconnect all appliances from the mains to avoid their damage. When performing RCD tests in public areas, the corresponding authorization must be obtained beforehand.

! The test time should not exceed 5 minutes.

! Do not press the RCD test button (4) by accident to avoid triggering the safety cut-off device and unnecessary power loss.

! This function may cause a socket power outage. Please check your electric meter and all tumbler switches.

LED description table

Nº	Wiring condition	LED display
1	CORRECT	  
2	OPEN GROUND	  
3	OPEN NEUTRAL	  
4	OPEN LIVE	  
5	LIVE/GRD REVERSE	  
6	LIVE/NEU REVERSE	  
7	LIVE/GRD REVERSE; Missing GRD	  



LED is on



LED is off

! In case the live and ground lines are mixed up and the ground line is not connected, three LED indicators are lighting up (see LIVE/GRD REVERSE; Missing GRD wiring condition in the table above).

! The tester cannot distinguish between ground and neutral.

Specifications

Measurement range	48–250V AC
RCD test	>30mA
Socket wiring	CEE 7/3, 7/5 (European sockets)
Operating temperature range	0... +40°C (32... 104°F)
Storage temperature range	–10... +50°C (14... 122°F)
Power supply	AC
Safety rating	EN61010-1-2-030, EN61326-1; Cat. II, 300V

The manufacturer reserves the right to make changes to the product range and specifications without prior notice.

Care and maintenance

Use the device only within the permitted range. Failure to follow these instructions may result in electric shock, fire and/or personal injury. When measuring voltage, do not exceed the operating conditions (see “Specifications”). Do not expose the device to rain or wet conditions. Do not use the device if it is not working properly. Please note that the parameters of the power supply must comply with the technical characteristics of the device. Do not try to disassemble the device on your own reason. For repairs and cleaning of any kind, please contact your local specialized service center. Do not use the device in aggressive atmosphere. Store the device in a dry cool place. Protect the device from sudden impact and excessive mechanical force. Never attempt to operate a damaged device or a device with damaged electrical parts! Only use accessories and spare parts for this device that comply with the technical specifications. If a part of the device or battery is swallowed, seek medical attention immediately.


Ermenrich Warranty

Ermenrich products, except for their accessories, carry a **5-year warranty** against defects in materials and workmanship. All Ermenrich accessories are warranted to be free of defects in materials and workmanship for **six months** from the purchase date. The warranty entitles you to the free repair or replacement of the Ermenrich product in any country where a Levenhuk office is located if all the warranty conditions are met.

For further details, please visit: ermenrich.com

If warranty problems arise, or if you need assistance in using your product, contact the local Levenhuk branch.

Documents / Resources

 <p>ERMENRICH ZING ST40 SOCKET TESTER</p>	<p>ERMENRICH ST40 Socket Tester [pdf] User Manual ST40 Socket Tester, ST40, Socket Tester, Tester</p>
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References

-  [Ermenrich official website in Europe](#)
- [User Manual](#)

