



Southwire™

TOOLS & EQUIPMENT

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TOLL FREE TECHNICAL HELP
Línea de Ayuda Técnica Gratuita

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40022S manual/manual



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TOOLS & EQUIPMENT

Operating Instructions 40022S GFCI Receptacle Tester



Maintenance

1. KEEP THE TESTER DRY. If it gets wet, wipe it off.
2. USE AND STORE THE TESTER IN NORMAL TEMPERATURES. Temperature extremes can shorten the life of the electronic parts and distort or melt plastic parts.
3. HANDLE THE TESTER CAREFULLY. Dropping it can damage the electronic parts or the case.
4. KEEP THE TESTER CLEAN. Wipe the case occasionally with a damp cloth. DO NOT use chemicals, cleaning solvents, or detergents.
5. No attempt should be made to modify or repair the tester. Discard the tester if damaged in any way.

Receptacle Wiring Test Instructions

⚠ WARNING: For use on 120-volt receptacles only.

- Before performing test, verify operation on a known good receptacle that is properly wired and live.
- Plug the tester into the receptacle being tested.
- Compare the illuminated neon lights to the diagnostic chart printed on the tester.
- If the tester does not indicate a correctly wired outlet, consult a qualified electrician.

Diagnostic Chart

LED Indicator	Fault	Reason for wiring fault
	Open Ground	Ground contact is not connected
	Open Neutral	Neutral contact is not connected
	Open Hot	Hot contact is not connected
	Hot/Ground Reversed	Hot and ground connections are interchanged
	Hot/Neutral Reversed	Hot and neutral connections are interchanged
	Correct	Receptacle is wired correctly

GFCI Test Instructions

⚠ WARNING: For use on 120-volt receptacles only.

1. Check the instructions on the specific GFCI device you are testing before proceeding.
2. Plug the tester into the receptacle being tested. Neon indicator lights on the tester should illuminate.
3. Refer to **Receptacle Wiring Test Instructions** and compare the illuminated neon lights on the tester to the diagnostic chart printed on the tester. Verify that the receptacle is correctly wired before proceeding with the GFCI test.
4. Press the red test button on the GFCI receptacle tester. The GFCI receptacle or GFCI circuit breaker should trip and the neon indicator lights on the tester should turn off indicating that power to the circuit has been interrupted. If the GFCI receptacle or GFCI circuit breaker does not trip, do not use the receptacle and consult a qualified electrician. If it does trip, press the reset button on the GFCI receptacle or reset the GFCI circuit breaker to restore power to the circuit.

(The small, round red LED next to the GFCI test button will illuminate only while the GFCI test button is being pressed)

- a. Activate the test button on the GFCI tester for a minimum of 6 seconds when testing the GFCI condition. An audible or visible indication on the tester must cease when tripped.
- b. If the tester fails to trip the GFCI, it suggests: a) a wiring problem with a totally operable GFCI or, b) proper wiring with a faulty GFCI. Consult with an electrician to check the condition of the wiring and GFCI.

GFCI Test Instructions continued

- c. CAUTION: When testing GFCI's installed in 2-wire systems (no ground wire available), the tester may give a false indication that the GFCI is not functioning properly. If this occurs, recheck the operation of the GFCI using the test and reset buttons. The GFCI button test function will demonstrate proper operation.

Introduction

The Southwire 40022S is designed to check GFCI receptacles and the most common wiring errors on standard 3-prong outlets.

WARNINGS:



- The protection provided by the tester may be impaired if the tester is used in a manner not specified by the manufacturer.
 - Refer to the instruction manual for proper use. Incorrect use may result in damage to the device or its components.
 - For use on 110-125VAC receptacles only.
 - All appliances or equipment on the circuit being tested should be unplugged to help avoid erroneous readings.
 - This tester is not a comprehensive diagnostic instrument.
- It will not:
- Indicate quality of the ground
 - Detect 2 hot wires in a circuit.
 - Detect a combination of defects.
 - Indicate reversal of grounded and grounding conductors.
- Refer all indicated problems to a qualified electrician.

General Specifications

Altitude	<6000ft (1828m)
Operating Environment	32° to 104°F (0°to 40°C)/≤80% relative humidity
Storage Environment	14° to 140°F (-10°to 60°C)/≤80% relative humidity
Measure max. voltage	125V AC
Certification	UL 1436 and CSA C22.2 No. 160, and pollution 2

International Safety Symbols

	Potential danger. Indicates the user must refer to the manual for important safety information.
	Indicates hazardous voltages may be present
	Equipment is protected by double or reinforced insulation
	Indicates the terminal(s) so marked must not be connected to a circuit where the voltage with respect to earth ground exceeds the maximum safety rating of the meter .
	Indicates the terminal(s) so marked may be subjected to hazardous voltages.

FCC COMPLIANCE

Users of this product are cautioned not to make modifications or changes that are not approved by Southwire Company, LLC. Doing so may void the compliance of this product with applicable FCC requirements and may result in the loss of the user's authority to operate the equipment. This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that can cause undesired operation.

General Specifications cont.

FCC Digital Emissions Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the radio or television receiving antenna.
- Increase the separation between the computer equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the radio or television receiver is connected.
- Consult the dealer or an experienced radio television technician for help.

Canadian Digital Apparatus Compliance CAN ICES-3
(B)/NMB-3(B)

REGISTER YOUR PRODUCT

Register your product purchase at www.southwiretools.com. At Southwire, we are dedicated to providing you with the best customer experience. By following a few quick steps to register, you can experience quicker service, more efficient support, and receive information on our future products. Simply provide your model number, serial number, and just a few pieces of information about yourself – it is that quick and easy.

LIMITED WARRANTY AND LIMITATION OF LIABILITY ON SOUTHWIRE METERS & TESTERS

Southwire Company, LLC, warrants this product to be free from defects in material and workmanship for five years from the date of purchase. This warranty does not cover fuses, disposable batteries, or damage arising from an accident, neglect, misapplication, contamination, modification, improper maintenance or repair, operation outside of specifications, or abnormal handling of the product. Southwire's sole liability, and the purchaser's exclusive remedy, for any breach of this warranty is expressly limited to Southwire's repair or replacement of the product. Whether Southwire repairs or replaces the product will be a determination that Southwire makes at its sole discretion.

SOUTHWIRE MAKES NO WARRANTY THAT THE PRODUCT WILL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SOUTHWIRE MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, OTHER THAN THE WARRANTY SPECIFICALLY SET FORTH HEREIN. SOUTHWIRE WILL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES FOR ANY BREACH OF THIS WARRANTY.

This warranty is void if this product is used for rental purposes. No product reseller is authorized to extend any other warranty on Southwire's behalf relating to this product, and no such reseller warranty will be binding on Southwire. If you have a warranty claim, or if the product needs to be serviced during or after the warranty period set forth above, please contact the Customer Service Department at 855-SWTOOLS (855-798-6657). The sender is responsible for all shipping, freight, insurance, and packaging costs associated with sending a product to Southwire. Southwire will not be responsible for lost or damaged products returned pursuant to this warranty. All products returned to Southwire under this warranty should be mailed to:

Southwire Company, LLC.
Attention: Tool Warranty Return
840 Old Bremen Road
Carrollton, GA 30117