Socket Tester JEFSOCTST

Introduction
This tester can be used to detect faulty wiring in 3-wire receptacles. The three combined LEDs of the tester indicates the test result, which can be understood by referring to the Coding Table on the tester.

Features:
The use of the three combined LED indicators provides rapid detection of correct/ incorrect wiring.

WARNING
- The tester does not perform a comprehensive test. It only checks for probable common improper wiring conditions.
- Refer all indicated problems to a qualified electrician. This tester can not detect Neutral / Ground reverse. To avoid electric shock, do not touch any naked conductor with hand or skin.
- This tester may not indicate the presence of a hot wire because a hot wire may be present when all the LEDs of the tester are off.
- Do not use the tester where explosive gas, vapour or dust is present. In order to avoid electrical shock, use caution when working with voltage above 32V ac rms, 42V ac peak or 60V dc. Such voltage poses a shock hazard.
- If a plug adapter has to be used to test a socket or a lead connection, ensure that this adapter is in a perfect condition and that the protective conductor connection of the adapter is continuously connected. Using a plug adapter without continuous protective conductor leads to faulty test results.
- Always keep the tester dry.
- Before use, check that the tester is in perfect working order, for example, verify the tester's operation with a known voltage source.
- The LED indicators of the tester may at times light up weakly depending on the distributed capacitance of the electrical installation.
- Each test duration must not exceed 2 minutes, and interval between tests must be more than 10 minutes.
- The tester will not detect 2 hot wires in circuit
- The tester will not detect a combination of defects.
- To help avoid erroneous readings and electric shock, all appliances and equipments must be unplugged/ disconnected from the circuit to be tested

Top Panel

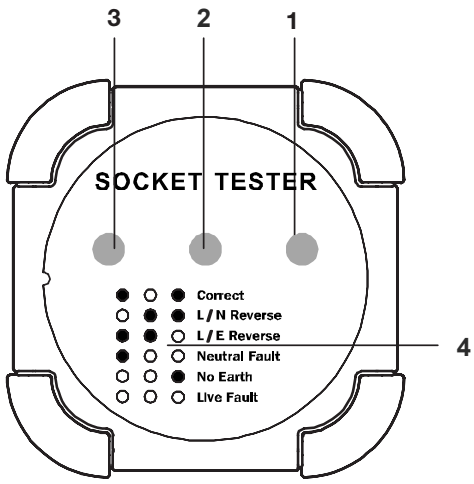

Figure 1

1. Lamp 1
2. Lamp 2
3. Lamp 3
4. Coding table

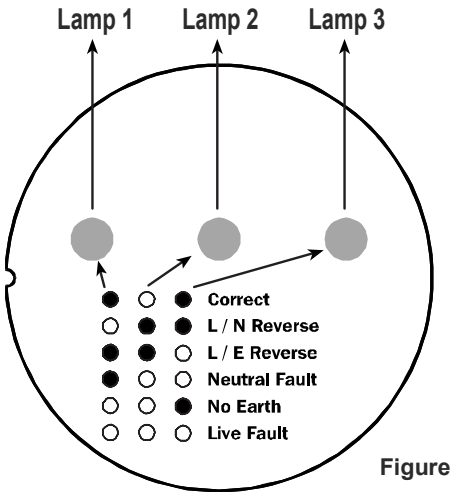

Figure 2

Note:
" ● " means " on ".
" ○ " means " off ".

Instruction for the Coding Table:
See the arrows in Figure 2, the left column represents the on or off state of the Lamp 1, the middle column represents the on or off state of the Lamp 2, the right column represents the on or off state of the Lamp 3.

Operation instruction

1. Plug the tester into the socket to be tested. The state of the socket wiring is indicated by the three combined lamps.
2. Explanations regarding the test result are given in the following table, which is the same as (but more detailed than) the Coding Table on the tester.

Lamp 1	Lamp 2	Lamp 3	TEST RESULT
●	○	●	The socket wiring is correct.
○	●	●	Live and neutral connections are reversed.
●	●	○	Live and earth connections are reversed.
●	○	○	There is no neutral connection.
○	○	●	There is no earth connection.
○	○	○	There is no live connection.

Note:
" ● " means " On ".
" ○ " means " Off ".

Maintenance

Never attempt to repair or service the tester.
Store the tester in a dry place when not in use. Don't store it in an environment with intense electromagnetic field.
Periodically wipe the case with a soft cloth. Do not use abrasives or solvents.

General specification

Nominal Voltage:	220V - 240V ~ 50Hz
Operating Current:	< 3mA
Operating Environment:	Temperature: 0°C ~ 40°C Relative Humidity: : < 80%
Size:	71mm X 62mm X 62mm
Weight:	About 66g

Declaration

1. This Instruction Sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this Instruction Sheet can not be used as the reason to use the tester for any special application.

Declaration of conformity

We, Jefferson Professional Tools & Equipment, as the authorised European and UK Community representative of the manufacturer, declare that this equipment conforms to the requirements of the following:

EU STANDARDS

LVD 2014/35/EU
EMC - 2014/30/EU
EN 61326-1:2013
EN 61326 - 2 - 2 : 2013
EN IEC 61000 - 3 - 2 : 2019
EN 61000 - 3 - : 2013 + A1

CE

Notified Body: TUV Rheinland Ltd.
Tillystraße 2
90431 Nuremberg

UK STANDARDS

BS EN 61010 -1 : 2010 + A1
BS EN IEC 61010 - 2 - 030 : 2021 + A1

UKCA

Notified Body: TUV Rheinland UK Ltd.
Friars Gate (Third Floor), 1011
Stratford Road, Shirley, Solihull,
B90 4BN

Product name/code: Jefferson Socket Tester JEFSOCTST

Signed: Stephen McIntyre

Date: 12th April 2024

Name and address of manufacturer or authorised representative:

Jefferson Professional Tools and Equipment,
24 Lisgorgan Lane,
Upperlands,
BT46 5TE

T: +44 (0)1244 646 048 (UK)
+353 (0)1473 0300 (ROI)

E: info@jeffersontools.com