



DT-906A

SOCKET TESTER

Ergonomic, easy-to-use socket tester is designed to make electrical work easier, can be used to test the power socket standards for level indicators ideal for first level indication for testing standard mains sockets.

POLARITY TESTS

The procedure is simple. Plug the unit into a mains socket. If the wiring is correct 3 green LED's light up with a continuous buzzer sounds. This is the only correct combination. If the wiring is not correct then one, two or all three LED's will change to red and the buzzer will pulse.

EARTH VOLTS TOUCHPAD

This function will detect if the earth voltage is greater than 50V AC, which could give rise to potentially dangerous situations.

Plug the tester into the socket under test.

If there is a polarity fault the LED's will indicate this.

RCD TEST

The purpose of this is to verify that an RCD rated at 30mA will trip within 300ms when a nominal 30mA earth fault current is applied.

STATUS COMBINATION CHART

| Plug Pins | Status | Display Result | Buzzer |
|-----------|------------|-------------------|----------|
| N E L | | LED1 LED2 LED3 | |
| N E L | Correct | Green Green Green | Continue |
| E N L | E/N Swap | Green Green Green | Continue |
| X E L | Lack N | Red Green Green | Pulse |
| X L E | Lack N | Red Green Green | Pulse |
| X N L | Lack N | Red Green Green | Pulse |
| X L N | Lack N | Red Green Green | Pulse |
| N X L | Lack E | Green Red Green | Pulse |
| L X N | Lack E | Green Red Green | Pulse |
| E X L | Lack E | Green Red Green | Pulse |
| L X E | Lack E | Green Red Green | Pulse |
| E L X | L Fault | Green Green Red | Pulse |
| L E X | L Fault | Green Green Red | Pulse |
| N L X | L Fault | Green Green Red | Pulse |
| L N X | L Fault | Green Green Red | Pulse |
| N L E | LE Reverse | Green Red Red | Pulse |
| E L N | LE Reverse | Green Red Red | Pulse |
| L E N | LN Reverse | Red Red Green | Pulse |
| L N E | LN Reverse | Red Red Green | Pulse |

X = No Connection

RCD TEST STATUS COMBINATION CHART

| Indication | Led1 | Led2 | Led3 | Buzzer |
|---------------|-------|-------|-------|----------|
| Correct | Green | Green | Green | Continue |
| During Test | Green | Green | Green | OFF |
| After No Trip | Red | Red | Green | Pulse |
| After N-E>50v | Red | Red | Red | Pulse |

RCD TEST

Rated current : 30mA + / -5% @230v 50HZ
 Max test time : 300ms
 NE Lockout : 50v + /-10%rms

INCLUDED ACCESSORIES

Carrying Case, Instruction Manual, Test Report

EARTH TOUCH VOLTAGE

Threshold : 50v + / -10%rms for earth resistances less than 100k ohm
 Response : 100ms



AAYUSH ELECTRICALS & INSTRUMENTATION
 ISO 9001-2015 CERTIFIED COMPANY

Office Address : # 1, 1st Main, 2nd Cross, Maruthinagar, Bengaluru, Karnataka - 560 026. India
 Factory Address : #18 ,4th A Main Road, Bahubali Nagar, Jahalli Village, Bengaluru - 560013
 Email : sales@aayushei.com / marketing@aayushei.com / accounts@aayushei.com
 Web : www.aayushei.com , Mob : +91 88922 55555 / 96639 82272 / 88922 77777



QMS/019303/1120