



# 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

**EARTH TOUCH VOLTAGE**

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

**INCLUDED ACCESSORIES**

Carrying Case, Instruction Manual, Test Report