



Product Datasheet
Stock No:193-8692
Electrical Tester

English

EN



Introduction

Two-pole Voltage and Continuity Tester provides you fast and accurate test results you need. It is with large, easy-to-use buttons, bright backlight and clear audible and physical indicator designed which can provide convenient measurement. Enhanced ergonomic design is easy to use (even with gloves on).

Specifications

LEDS	
LED voltage range	12V to 1000V AC/DC
LED resolution	± 12,24,50,120,230, 400, 690,1000V AC/DC
Tolerances	Complies with EN 61243-3:2014
Frequency range	0/40Hz to 400Hz
Response time	≤ 1 second
Auto power on	Auto power on ≥ 12V AC/DC
LCD	
LCD display	1999 counts (3 1/2 digit) LCD display with bargraph & backlight
Voltage range	6 V to 1000 V AC/DC
Resolution	1V AC/DC
Tolerances	± 3.0% of reading ± 5 digit
Frequency range	0/40Hz to 400Hz
Response time	≤ 1second
Auto power on	Auto power on ≥ 6V AC/DC
Voltage detection	automatic
Polarity detection	Full range
Range detection	Automatic
Internal basic load impedance Peak current	Maximum 3.5 mA at 1000 V 350 kΩ / Is < 3.5 mA (no RCD tripping)
Operation time	Duration Time = 30 seconds
Recovery time	Recovery Time = 240 seconds

Switchable Load	~ 7K Ω
Peak current	I _s (load) = 150mA
RCD tripping I	~ 30mA@230V
Continuity Test	0 to 400 k Ω
Accuracy	nominal resistance $\pm 50\%$
Test current	$\leq 5\ \mu\text{A}$
Resistance measurement	0 Ω to 1999 Ω
Resolution	1 Ω
Tolerance	$\pm (5\% \text{ rdg} + 10 \text{ digits}) @ 20\ ^\circ\text{C}$
Temperature coefficient	$\pm 5 \text{ digits} / 10 \text{ K}$
Test current	$\leq 30\ \mu\text{A}$
Single-pole Phase Test	100V to 1000V AC
Frequency range	50 Hz to 400 Hz
Measurement principle	Double-pole and contact electrode
Safety standards	EN61243-3:2014
Agency approvals	TÜV Rheinland ·GS
Overvoltage protection	1000V AC/DC
Measurement category	CATIII 1000V/CATIV 600V
Protection degree	IP64
Power supply	2x1.5V "AAA" Batteries
Power consumption	max.30mA / approx. 250mW
Temperature range	-10 $^\circ\text{C}$ up to 55 $^\circ\text{C}$
Humidity	max.85% relative humidity

Accessories:

Two "AAA" batteries, gift box with carrying case