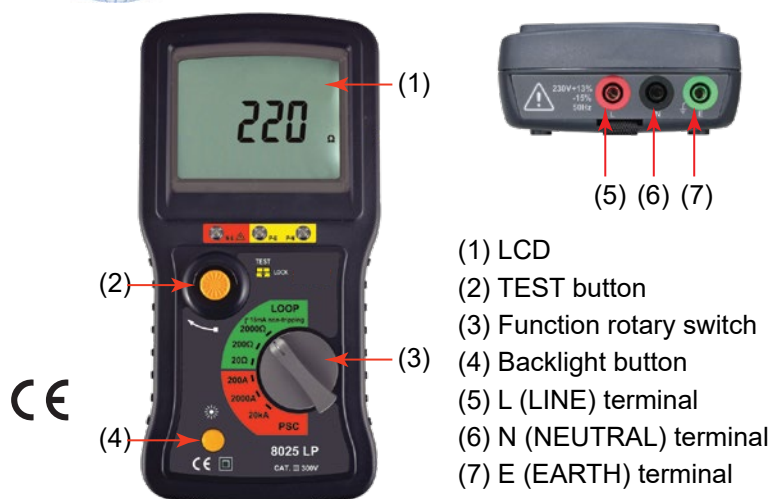




Features

- Battery is not used.
- 3 ½ digit LCD (2000-count).
- Backlight function.
- 15mA loop measurement which will not trip ELCBs.
- Convenient and easier for users to measure the loop impedance directly without bypassing the wires.
- Wiring check function.
- Over temperature protection.
- Over voltage protection.
- Built-in voltmeter.
- Built-in earth tester.
- Built-in loop/psc tester.
- Safety standard: EN 61010-1 CAT III 300V, EN 61326-1

Specifications

Loop Impedance

Range	Measuring range	Nominal test current at 0 Ω external loop	Accuracy
20 Ω	0.00~19.99 Ω	23A / 40ms	(2%rdg + 4dgt)
200 Ω	0.0~199.9 Ω	2.3A / 40ms	
2000 Ω	0~1999 Ω	15mA / 400ms	

Prospective Short-circuit Current

Range	Measuring range	Nominal test current at 0 Ω external loop	Accuracy
20 KA	0.00~4.00 KA	23A / 40ms	Consider accuracy of loop impedance
2000 A	0~1999 A	23A / 40ms	
200 A	0.0~199.9 A	2.3A / 40ms	

General

Temperature	0 ~ 40 °C
System voltage	230V +13% / -15%
System frequency	50Hz
None Battery system voltage	150V ~ 260V
Over Temperature Protection	When overheating, the "!" symbol will show on the LCD, and the 8025LP stop measuring.
Wiring check	P-E LEDs illuminate when the wiring polarity of circuit under P-N test is correct
	N-E LED is light when P and N are reversed or the Earth is not connected.
15mA Loop measurement	Loop impedance 2000 Ω range measurement is carried out with low test current (15mA). The current will not cause tripping out for ELCBs.

Voltage Display

Measuring range	Accuracy	Remark
150~260 V	(2%rdg + 4dgt)	at 0 Ω external loop

Accessories

