

# ELCB(RCD) Tester



CE

**1811 EL**

# RCD / GFCI / ELCB Tester



CE

**1812 EL**

1812 EL-A 240Vac  
1812 EL-B 230Vac  
1812 EL-C 220Vac  
1812 EL-D 110Vac

## FEATURES

- Microprocessor-controlled.
- 2 Lines × 16 Characters LCD.
- Very low consumption.
- Suitable for industrial applications.
- Better than 3% accuracy (current).
- Menu-driven.
- Accurate digital readout of disconnection time.
- Accurate digital readout of disconnection sensitivity.
- Data hold function.
- Zero Crossing Circuitry permit testing at 0° or 180°.
- Disconnection Phase Polarity shown on LCD display.
- Auto off and off override.
- Polarity Trip indicator (Positive of Negative Phase).

## SPECIFICATIONS

Current settings	0-999mAac / 50Hz
Current selection	Knob
Phase start selection 0° and 180°	Referenced to Earth Yes
Over-temperature protection	Yes
Phase polarity trip Indicator	Referenced to Earth Yes
Operating voltage (L-E)	110 Vac to 450 Vac
Timer resolution	1ms (Max. Time = 99.999s)
Timer accuracy	1ms ±1ms
Current accuracy	±1% ±1mA
Current resolution	1mA
Voltmeter accuracy (50Hz)	50-350 Vac = ±2%±1V 350-450 Vac = ±5%±1V
Voltmeter resolution	1V
Operating temperature	-5°C to 40°C
Storage temperature	-10°C to 55°C
Maximum current Specified at	450 Vac/50Hz
Dimensions	170(L) × 165(W) × 92(D)mm
Weight (battery included)	Approx. 1180g
Power source	1.5 (AA) × 8
Safety standard	EN 61010-1 CAT III 450V EN 50081-1 EN 50082-1 Instruction manual Test leads Shoulder belt Batteries
Accessories	

## FEATURES

- Microprocessor-controlled.
- 2 Lines × 16 Characters LCD.
- Very low consumption.
- Menu-driven.
- Accurate digital readout of disconnection time.
- Automatic data hold function.
- Zero Crossing Circuitry permit testing at 0° or 180°.
- Disconnection Phase Polarity shown on LCD display.
- Auto-off and off override.
- Polarity Trip indicator (Positive of Negative Phase).
- Wiring polarity indicator.
- Measure voltage and frequency between Line and Earth before testing.

## SPECIFICATIONS

Current settings	3mA, 5mA, 7mA, 10mA, 15mA, 20mA, 30mA, 35mA, 50mA, 100mA, 125mA, 150mA, 175mA, 250mA, 275mA, 300mA, 375mA, 500mA.
Current selection	Rotary switch selector
Phase start selection 0° and 180°	Referenced to Earth Yes
Over-temperature protection	Yes (3 sensors)
Wiring correctness indication	Yes (LEDs)
Trip indicator	Yes (LCD)
Phase polarity trip indicator	Yes (LCD) Referenced to Earth
Voltmeter (L-E)	20Vac ~ 280Vac
Timer resolution	1ms (Max. Time = 2.999s)
Timer accuracy	±2% ±2ms
Current accuracy	±5% ±1mA
Voltmeter resolution	1Vac
Voltmeter accuracy	±2%±1Vac
Operating temperature	-5°C to 45°C
Storage temperature	-10°C to 55°C
Dimensions	170(L) × 165(W) × 92(D)mm
Weight (battery included)	Approx. 1020g
Power source	1.5 (AA) × 8
Safety standard	EN 61010-1 CAT III 240V EN 61326-1 Instruction manual Test leads Shoulder belt Batteries
Accessories	