

ELCB(RCD) Tester

RCD / GFCI / ELCB Tester



CE

1811 EL



CE

1812 EL

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

FEATURES

- **Microprocessor-controlled.**
- 2 Lines x 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) x 165(W) x 92(D)mm
Weight (battery included)	Approx. 1180g
Power source	1.5 (AA) x 8
Safety standard	EN 61010-1 CAT III 450V EN 50081-1 EN 50082-1 Instruction manual
Accessories	Test leads Shoulder belt Batteries

FEATURES

- **Microprocessor-controlled.**
- 2 Lines x 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) x 165(W) x 92(D)mm
Weight (battery included)	Approx. 1020g
Power source	1.5 (AA) x 8
Safety standard	EN 61010-1 CAT III 240V EN 61326-1
Accessories	Instruction manual Test leads Shoulder belt Batteries