

# DIGITAL ELCB TESTER

**SPECIAL FEATURES :**

- 2 Lines x 16 Characters L.C.D
- Low power consumption
- Microprocessor Controlled
- 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 L.C..D.Display
- Auto Power off.
- Polarity Trip Indicator
- Wiring Polarity Indicator
- Measures Voltage & Frequency between Line & Earth before testing.
- Safety: EN 61010 - 1 CATIII 240V.

**7 FUNCTIONS ; 17 RANGES****MODEL-1812 EL**

A-1812EL-A 240 Vac

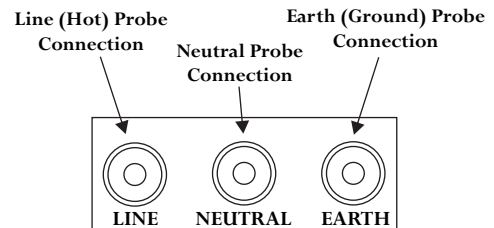
C-1812EL-C 220 Vac

B-1812EL-B 230 Vac

D-1812EL-D 110 Vac

**GENERAL SPECIFICATION**

- \* **Current Setting** : 3mA, 5mA, 7mA, 10mA, 15mA, 20mA, 30mA, 35mA, 50mA, 100mA, 125mA, 150mA, 175mA, 250mA, 300mA, 375mA, 500mA
- \* **Current Selection** : Rotary switch selector
- \* **Phase Start Selection** : Referenced to Earth
- \* **0° and 180°** : 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
- \* **Operating Voltage (L-E)** : 1812EL-A 240 Vac; 1812EL-B 230 Vac; 1812EL-C 220 Vac; 1812EL-D 110 Vac
- \* **Voltmeter (L-E)** : 20 Vac - 280Vac
- \* **Timer Resolution** : 1mS (Max time = 2.999s)
- \* **Timer Accuracy** : 1mS±1mS
- \* **Current Accuracy** : ±5% ±1mA
- \* **Voltmeter Resolution** : 1Vac
- \* **Voltmeter** : ±2% ± 1Vac
- \* **Operating Temperature** : -5°C to 45°C
- \* **Storage Temperature** : -10°C to 85°C
- \* **Power Source** : 8 x AA Batteries ; Bat OK Led = Vbat > 7.5Volt Measure battery voltage at start up
- \* **Weight** : Approx. 1020 g (battery included )

**CONNECTION DIAGRAM**

Apply only  
Operating Voltage ±10% / 50Hz or 60Hz

**ACCESSORIES**

Test leads, Shoulder Belt, Instruction Manual &amp; Batteries.