

DIGITAL ELCB TESTER



1812 EL

FEATURES

- 2 Lines x 16 Characters L.C.D.
- Very Low 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-Off and Off override.
- Polarity Trip indicator (Positive or Negative Phase).
- Wiring polarity indicator.
- Measure voltage and frequency between Line and Earth before testing.
- EN 61010-1 CAT III 240V

SPECIFICATIONS

Current Settings	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 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
Operating Voltage (L-E) (50Hz or 60 Hz)	1812EL-A 240Vac 1812EL-B 230Vac 1812EL-C 220Vac 1812EL-D 110Vac
Voltmeter (L-E)	20Vac-280Vac
Timer Resolution	1mS (Max time=2.999S)
Timer Accuracy	1mS ±1mS
Current Accuracy	±5% ±1mA
Voltmeter Resolution	1Vac
Voltmeter Accuracy	±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 > 7.5V Measure battery voltage at start up
Dimensions	170(L) x 165(W) x 92(D)mm
Weight	Approx. 1020 g (battery included)
Accessories	Test leads Shoulder belt Instruction manual Batteries

Test Leads Connections



TOP TRONIC DESIGN
ORIGINAL CIRCUITRY, SCHEMATICS,
PRINTED CIRCUIT BOARDS, L.C.D.,
USER'S MANUAL, FACIA LABELS,
SOFTWARE, CALIBRATION PROCEDURES,
ENCLOSURE & CASE DESIGN, LEAFLET,
INSTRUCTION LABELS, PART LABELS
1812EL

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