

Cabac T2712EL - Rcd Tester



Product Description

Digital RCD Tester 240V

This compact hand held RCD tester is designed for professional use to obtain accurate values of 'Trip Time' with the selection on a dial switch of the trip current.

Resistors are used to pass the trip current between earth and active therefore a correction factor in percentage is available on the display for adjustment according to the line voltage. The trip time is measured to a maximum of 3.000 seconds, while the fault current is selectable on a range from 3 to 500mA.

The unit has been designed for ease of operation whilst maintaining safety, reliability and accuracy.

- Three basic tests:
 - Wiring test
 - Line Voltage to Earth
 - Tripping time
- Menu driven and easy to use
- LED wiring check function to check wiring prior to test
- Test angle selection - 0 or 180°
- Dynamic battery check
- Microprocessor controlled
- Tough rugged meter, designed to give accurate measurements in harsh environments

To complete the test:

- Connect the unit and check that the LED display indicates the wiring is correct
- Check that the line voltage is within tolerance
- Set the trip current on the selector and hit the test button
- Once the test is complete, the operator can view the following on the LDC display:
 - Circuit voltage
 - Percentage error current (from nominal voltage)*
 - Disconnection time
 - Polarity at opening
 - Over Temperature Protection

* Voltage fluctuations are taken in to account by the microprocessor, and the percentage error current will be the same as the voltage fluctuations shown on display.

Safety and Compliance: Safety Meets IEC 1010-1CAT III 300V, EMC Meets EN55011

Overload Protection: Over-voltage, over-temperature and fuse protected

Function	Range	Accuracy
System Voltage	240V	±2% ±1V

Voltage Tester	20~280VAC	$\pm 1V \pm 2\%$
Trip Settings	3,5,10,15,20,30,50, 100,150,250,300,500mA	% Proportional to Voltage
Disconnection Time	0 - 2.999 Seconds	$\pm 2\% \pm 1mS$
Timer	1mS	$\pm 2mS$
Phase Start Selection	- 180°	-
Operating Temperature	-5 to 45°C	-

Each unit is supplied in a robust case with test leads, batteries and an instruction manual.

- Batteries: 6 x AA batteries (included)
- Size: 200 x 85 x 55mm
- Weight: 540g