

GETEST 5...50A

GETEST 5...50A, Indirect earth contact simulator 5 ... 50 A, Smartphone included,

Code: P6012300A0000

Description

The **MPC-5/50 GETEST** is used to measure voltages between points on the ground (step potential) or between ground and conductive parts (contact potential) when there are leakage currents through the ground connection. These readings are required in Spain in transformer and distribution centres, as per MIE-RAT-13, BOE RD 337/2014, of 9 May. To conduct the test, the current source is connected between points far away from a ground line, and the voltage between two weights one-meter apart is measured (step potential), or between the ground and accessible conductive parts. The current source is adjusted to the desired value by means of a smartphone or tablet, allowing the measured data to be viewed and stored.

- Step and contact meter, based on injecting current during one network cycle (20 ms) (maximum safety during use).
- Earth resistance measurement.
- Provides up to 50 A with a 12 Ω load. Maximum output voltage of 700 VAC.
- Maximum power equivalent to 30 kV·A, with a weight of just 45 kg.
- Remote control and display of the data measured on a smartphone or tablet, connected wirelessly to the device.
- Data storage on the smartphone or tablet itself, easily transferred to a PC.

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Indirect earth contact simulator

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Specifications

AC power supply

Installation category	CAT II 300 V
Input intensity	15 A ~
Frequency	50 ... 60 Hz
Nominal voltage	230 V ~ ± 20% (L1-N)

Electrical characteristics

Resistance measurement	0 ... 120 Ω

Mechanical characteristics

Size (mm) width x height x depth	285 x 340 x 285 (mm)
Envelope	Steel / Aluminium
Weight (kg)	120

Environmental characteristics

Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-10 ... +50 °C
Operating temperature	0 ... +40 °C

Current measurement circuit

Impedance	< 0.1 Ω
Maximum current	100 A ~
Resolution	Scale: 10 A(0.01 A~) Scale: 100 A (0.1 A ~)

Voltage measurement circuit

Installation category	CAT II 300 V
Input impedance	1 KΩ, 2 KΩ, 10 MΩ
Voltage measuring range	0.8, 30, 70, 105, 280 and 700 V ~ (Self-adjusting)
Maximum value	700 V~

Standards

Electrical safety, Maximum height (m)	2000
Standards	UNE-EN 61010-1, UNE-EN 610110-2-03, UNE-EN 61326-1

Measurement accuracy

Accuracy	2.5 % reading + 2 digits

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Step and contact voltage meter

CODE	TYPE	Description
P6012300A0000	GETEST 5...50A	Indirect earth contact simulator 5 ... 50 A, includes Smartphone

Includes the CIRCUTOR laboratory certificate



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Dimensions

