

# PRIMARY OR SECONDARY INJECTION TEST CASE

250V

50A  
100A  
200A

1U  
or  
1I

## Multi-range Electrotechnic generator :

- 1 Electrotechnic current according to models:
  - GCTS50 : up to 50 Aac.
  - GCTS100 : up to 100 Aac.
  - GCTS200 : up to 200 Aac.
- 1 Electrotechnic voltage up to 250Vac.
- Power 500VA max.

Easy to use, this compact test case has been developed for quick maintenance on sites.

Moreover, this generator offers both an optimal current adjustment thanks to the choice of power range, and a great accuracy.



Picture for illustration purposes only.

GCTS 50 / 100 / 200

### • This system allows you to test:

- Minimum or maximum current or voltage relays.
- Current or voltage transformers.
- Delayed, electrotechnic and static relays.
- Power Relays.
- Statimax relays without auxiliary supply.
- Digital relays - Great adjustment accuracy.

### • Packaging

- Box - «Flight Case».
- Dimensions : L = 260 - W = 240 - H = 300 mm.

### • Main power supply

- 230 Vac Single Phase + Earth - 50 /60 Hz.
- Connection by Europa plug - Cord supplied.
- Protected by mini circuit-breaker.

### • MICROPILOT®

Microcontroller controlled module with backlight LCD display and function keys allowing to execute the following operations :

- Configuration of the test type (level setting, time delay).
- Configuration of the setting mode «Maximum» or «Minimum».
- Automatic measure of the tripping value (hold function).
- Measure of the amplitude (RMS) : 0.5% of the range.
- Delay measure up to 2000 sec (resolution 1ms).
- Software able to realize start, start/stop and stop functions thanks to a push button on the appliance or using an external information (contact, or voltage from 24 up to 240Vdc).
- Measure of recloser delays.
- Recognition of the state of the tripping information (contact or voltage 24 to 240Vdc).
- Serial output RS232.

### • Electrotechnic voltage or current generator

- Selection of the output ranges using a switch button.
- Protected by mini circuit-breaker.
- Continuously adjustable using an auto-transformer.
- Output voltage : 0 to 250Vac (2Amax).

Models	Ranges	Time	Power
• GCTS50	0 to 2A	Permanent	10 or 250V
	0 to 10A	Permanent	2 or 50V
	0 to 20A	Permanent	0.2V
	0 to 50A	1 minute	8V
• GCTS100	0 to 2A	Permanent	10 or 250V
	0 to 50A	30 secondes	5 or 10V
	0 to 100A	30 secondes	2 or 5V
• GCTS200	0 to 2A	Permanent	10 or 250V
	0 to 50A	30 secondes	5 or 10V
	0 to 200A	30 secondes	1.25 or 2.5V

### • Connectivity

- Output current lockable security plugs : ø6mm.
- Lockable threaded rods suitable to current terminals.
- ø6 / ø4 adaptators for current terminals.
- GCTS100 : Cables 2 x 2.5m - 25mm<sup>2</sup>.
- GCTS200 : Cables 2 x 2.5m - 50mm<sup>2</sup>.

### • Options

- Other voltage or current ranges on request.
- «Flight Case» with cord storage space.
- CTRWIN : Real time capture software of all results running on Windows XP/NT/Vista/7.

Guarantee one year parts and labor. All interventions are carried out exclusively in our factory.

Due to continuous research program, these characteristics can be modified.