

# PRIMARY INJECTION TEST CASE

3V

500A

1I

## Electrotechnic Current Generator :

- 1 Current up to 500Aac.
- Power up to 1500VA.
- 3 Ranges : 500A / 250A / 20A.

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

## This system allows you to test in single-phased mode:

- Minimum or maximum current or voltage relays.
- Current or voltage transformers.
- Matching range circuit breakers.



Picture for illustration purposes only.

MS 1500

### • Packaging

- Box - «Flight Case».
- Dimensions : L = 610 - D = 300 - H = 360 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.

### • Connectivity

- Output lockable security plugs.
- Output for 20A current output and timer : security plugs :  $\varnothing 4$ mm.
- Power cables provided : 2 x 5m - 50mm<sup>2</sup>.

### • Electrotechnic current generator

- Single phased electrotechnic generator.
- Protected by mini circuit-breaker.
- Continuously adjustable using auto-transformer.

Ranges	Time	Cables	Umax
0 to 500A	30 secondes	10m x 50mm <sup>2</sup>	3V
0 to 250A	30 minutes	10m x 50mm <sup>2</sup>	1.5V
0 to 20A	2 minutes	1 x 6mm <sup>2</sup>	2V

### • Options

- Other power or current ranges on request.
- Rolling tray.
- **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.