

# PRIMARY INJECTION TEST CASE

5V

3000A

1I

## Electrotechnic Current Generator :

- 1 Current up to 3000Aac.
- 1 Power 7500VA or 15000VA.
- 3 Current ranges.

This test case, the most powerful of our range, has been developed for quick maintenance to primary of transformers.

- This system allows you to test :
  - Minimum ou maximum current relays.
  - Current transformers, bushing.
  - Matching range circuit-breakers.

Picture for illustration purposes only.



MS 7500 / 15000

### • Packaging of Control Case

- Box - «Flight Case».
- Wheels equipped .
- Dimensions : L = 510 - D = 430 - H = 560 mm.

### • Packaging of Power Case

- 1 Power Box - «Flight Case» - MS 7500.
- 2 Power Boxes - «Flight Case» - MS 15000.
- Wheels equipped.
- Wiring cord to connect the Control Case.
- Dimensions : L = 370 - W = 400 - H = 620mm.

### • Main power supply

- **MS7500 / 15000** : 230 Vac Single Phase + Earth - 50 /60 Hz.
- **MS7500B / 1500B** : 380 Vac Single Phase + Earth - 50 /60 Hz.
- Connection by Europa plug - Cords 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 on cooper bars with coupling bars.
- Timer : security plugs  $\varnothing$ 4mm.
- Provided power cables : L = 4 x 5m - 185mm<sup>2</sup>.

### • Electrotechnic current generator

- Selection of current and voltage output by coupling the cooper bars.
- Protected by mini circuit-breaker.
- Continuously adjustable using auto-transformer.

#### MS 7500 :

| Ranges     | Cables                       | Time        | Umax |
|------------|------------------------------|-------------|------|
| 0 to 3000A | 5m - 4 x 185mm <sup>2</sup>  | 20 secondes | 2.5V |
| 0 to 1500A | 10m - 1 x 185mm <sup>2</sup> | 20 secondes | 5V   |
| 0 to 1500A | 10m - 2 x 185mm <sup>2</sup> | 3 minutes   | 2.5V |

#### MS 15000 :

| Range      | Cables                       | Time        | Umax |
|------------|------------------------------|-------------|------|
| 0 to 3000A | 10m - 2 x 185mm <sup>2</sup> | 5 secondes  | 5V   |
| 0 to 1500A | 10m - 2 x 185mm <sup>2</sup> | 20 secondes | 7.5V |
| 0 to 1500A | 20m - 1 x 185mm <sup>2</sup> | 10 secondes | 10V  |

### • Options

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