

SECONDARY INJECTION TEST CASE

150V

12.5A

3U
3I

High accuracy electronic generator :

- 3 Voltages up to 150Vac - 50VA
- 3 Current up to 12.5Aac - 100VA max

Converter input :

- 1 Input 0/20 mAdc
- 1 Input 0/10 Vdc

Only working with PTRPILOT software :

- Driving mode thanks to the PTRPILOT software running on Windows XP/NT/Vista/7.

Dimensions and Weight reduced
Transducer and Converter tests



Picture for illustration purposes only.

DTR133 / 033

• Packaging

- Laboratory box with a handle.
- Dimensions : L = 430 - D = 465 - H = 289 mm.

• Main power supply

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

• PTRPILOT®

Driving software for DTR allowing the following operations :

- Configuration of the test type.
- Configuration of the setting mode «normal» or «fault».
- Selection of current and/or voltage ranges.
- Measure of the amplitude (RMS) : 0.1% of the range.
- Control of current and/or voltage injection and start of the timer when the configuration changes between «normal» and «fault» state. Timer stops automatically when receiving an information on «stop» terminals.
- Frequency measure (accuracy 0.01Hz ± 1 digit).
- Phase angle measure (accuracy 1° ± 1 digit).
- Delay measure up to 2000 sec (resolution 1ms).
- Measure of recloser delays.
- Recognition of the state of the tripping information (contact or voltage 24 to 240Vdc).
- Automatic measure of the tripping value (hold function).
- Serial output RS232.

• External converter inputs

- 1 External current measure input : 0/20mAdc.
- 1 External voltage measure input : 0/10Vdc.

• Contact relay outputs

- Contact relay output coupled to the injection.
- Contact relay NO/NC : 125Vmax - 1A.

• Electronic generators

- Electronically controlled current and voltage.
- Protection against overload, led indicator and reset switch.
- Frequency : Fixed 50Hz - Adjustable from 40 to 65Hz by 0.01Hz steps.
- Phase angle : Adjustable from 0 to 360°.

3 Current generators (choose the range when ordering)

Models	Current	Voltage	Power
DTR133 - 12A5	12.5A	8V	100VA
DTR133 - 5A	5A	20V	100VA
DTR033 - 12A5	12.5A	4V	50VA
DTR033 - 5A	5A	10V	50VA

3 Voltage generators (choose the range when ordering)

Range	Time	I _{max}	Power
0 to 150Vac	Permanent	0,33A	50VA

• Connectivity

- Output voltage, current and timer security plugs : Ø4mm.

• Options

- Transportation Pelicase.
- DTRX33-M : Manuel adjustment by potentiometers and visualization display.
- Main power supply : 115Vac.
- Frequency : variable from 40 to 400 Hz by 0.1Hz steps.
- Auxiliary power supply : 24 / 48 / 127 / 250Vcc (15W).
- Other voltage or current ranges on request.

• Divers

- This material is CEM certified according to EN50081-2 and EN50082-2.

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.