CURRENT GENERATOR
ONE-PHASE - DC - 200 A - 6V

Name	**POC-1200-DC-6V-200A**
Features	Three ranges: 2A, 20A and 200A Range selection is automatic depending current
Specific feature	Two screens are dedicated to tests: - Continuity: to measure the resistance between two pins - Thermal: to check if a breaker will open before a programmed time
Form	Width 19'' Hauteur 3U
Technical reference	RC2240

This current generator « POC-DC » is built in switching technology.
Its control is made by:
  ➢ A touchscreen width 5,7'' for local control
  ➢ Two communications links for a remote control: RS232 and Ethernet

It is possible to connect up to three generators in parallel to increase max current:
  ➢ Up to 400 A with two generators
  ➢ Up to 600 A with three generators.
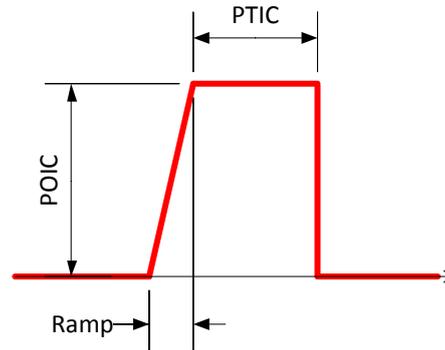Special kits are provided to implement this function.

FEATURES

Regulation according to the input mains fluctuations: 0.05 %

Regulation under load (10 % - 100 % of the nominal power): 0.1 %

Generation precision: 0.25 % + 0.01 % of the range

Generation duration precision: 1 ms

Typical ramp time: 30 ms without overshoot

Output current resolution: 5.10^{-5} of the range

Generation duration resolution: 1 ms

"Continuity" mode

The user programs the current amplitude "POIC" and the generation duration "PTIC".
The current ramp time "Ramp" can also be programmed.

Unless the current loop is opened before the end of the "PTIC" time, generation is uninterrupted.

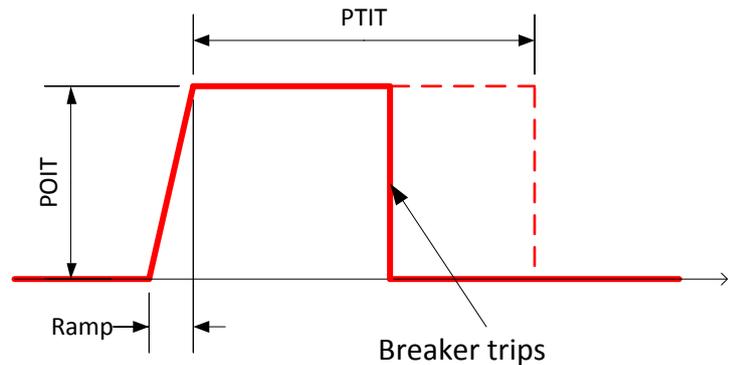This feature is used to check that the poles of circuit-breaker being tested close.

"Thermal" mode

The user programs the current amplitude "POIT" and the maximum generation duration "PTIT".
The current "Ramp" time can also be programmed.

Unless the current loop is opened before the end of the "PTIT" time, generation is uninterrupted.

In this mode, the POC1200 source also measures the instantaneous current and the time elapsed since the current was established.
This feature is used to check the thermal trip of a circuit-breaker for a given current and in a given time interval.

When mode is selected or modified, operator must restart generators. New mode is automatically saved in non-volatile memory and will be used at each restart.

SALES REFERENCES

POC-1200-DC-6V-200A
Current generator

KIT 2P-POC-1200-DC
Cable to connect two POC in parallel (command link only)

KIT 3P-POC-1200-DC
Cable to connect three POC in parallel (command link only)

Specification may change without notice.