

Technical specifications GEN-13V

The GEN-13V simulates the mechanical portion of a recloser during the tests. Various adapter types are available for a wide variety of control cabinets.

CURRENT SOURCE

Number: 1 current source (multiplexed over three outputs)

Range: from 0 to 14 Amps, by 3.67 mA steps

Waveform: Sinewave

Frequency range: from 1 Hz to 3KHz in 1 Hz increment

Phase control: from 0 to 360 degrees with one degree increment, accurate to 0.09 degrees

CURRENT MEASUREMENT

Current measurement is done internally thanks to a Hall effect transducer and the results are displayed in the software.

VOLTAGE SOURCE

Number: 3

Voltage range: 0 to 180 VAC RMS in 42 mV steps

Waveform: Sinewave

Frequency range: from 1 Hz to 3KHz in 1 Hz increment

Phase control: from 0 to 360 degrees with one degree increment, accurate to 0.09 degrees

VOLTAGE MEASUREMENT

Voltage measurement on all three channels is performed internally on the GEN-13V and the results are displayed in the software.

ISOLATED OPEN/CLOSE INPUTS

Open command inputs: 1

Close command inputs: 1

The close and open commands are controlled:

- Either by the OpenZen software
- Or the control cabinet
- Or the front panel pushbuttons

Zensol

FRONT PANNEL CONNECTOR

Number: 1
Type: Amphenol
Number of pins: 26
Specification: ML-5014

MEASUREMENT SPECIFICATIONS

Sampling time: 44 μ s to 28 000 μ s
Sampling rate: 35.7Hz to 22727Hz
Recording time: 1ms to 100 minutes
Resolution: 1us
Signal/Noise: Better than 80 db
Graphic resolution: unlimited zoom capability to view the time and amplitude of each sample.

GENERAL

Size: 17"x16.5"x10" (43x42x25.4 cm)
Weight: 32 lbs (14.5 kg)

SYSTEM INCLUDES

OpenZen software
2-year warranty
OpenZen manual
Calibration certificate and test reports

OPTIONAL SPECIALIZED INTERFACES

Interface box for Coper F3, F4, F5, F6
Interface box for ABB PCD, OVR-1, OVR-3
Interface box for Schweitzer SEL 351R, 651R
Interface box for Westinghouse ESV
Interface box for Panacea
Interface box for Artech
Interface box for Tavrida
Other interfaces available (please contact us)