

GEN SERIES

Recloser Control Analyzer

Recloser testing per ANSI C37-61-1973
IEEE std.321-1973

ZENSOL.com



GEN instrument replaces and simulates the mechanical parts of the recloser during the tests. Various types of adapters are available for a large range of reclosers, existing or future

CURRENT SOURCE

Number: 1 multiplexed (one per phase)
Current range: 6A rms for GEN-6
14A rms for GEN-12
Frequency: 50/60 Hz (+/- 0.1 Hz)
Resolution: 1mA (GEN-6)
3.5mA (GEN-12)
Accuracy: +/- 0.1 %

CURRENT INPUTS

Number: 3 (one per phase)
Current range: +/- 1A, +/- 5A,
+/- 10A, +/- 20A
Resolution: 1mA (GEN-6)
3.5mA (GEN-12)
Accuracy: +/- 0.1 %

RELAY CONTACTS OUTPUTS (SPST)

Number: 6 with individual control
Electric contacts rating: 5A 250VAC, 5A 30VDC

TRIP AND CLOSE INPUTS(OPTICALLY ISOLATED)

Open (Trip) command input: 1
Close command input: 1
Close and open commands are:
-either software driven (GENWIN)
-or through control cabinet
-or through front panel push buttons

FRONT PANEL CONNECTOR

Number: 1
Type: Amphenol
Number of pins: 26
Specifications: MIL-5014

MEASUREMENTS

A 12 bits analog to digital conversion resolution
Sampling time: 44us to 28 000us
Sampling rate: 35.7 Hz - 22727Hz
Accuracy: +/- 1 LSB
Resolution: 1us
Recording time: 1ms to 35 minutes
Graphic representation resolution: unlimited zoom able to visualize time and amplitude for each sample.

GENERAL

Dimensions: 13"x13.5"x7"(33x35x18 cm)
17"x16.5"x10"(43x42x25.4 cm)
2 cases available
Weight: GEN-6 : 18.6 lb (8.45 kg)
GEN-12 : 29 lb (13 kg)
Power supply: 220-240 VAC, 50/60 Hz
110-120 VAC, 60 Hz
Working temperature: 0°C (32°F) to 50°C(132°F)
Storage temperature: -20°C(-4°F) to 70°C(158°C)
Humidity: 0-95% Non Con.
Language: English, French and Spanish

THE SYSTEM INCLUDES:

GENWIN software
USB communication module with 10 feet optic cable
2 years Warranty
GENWIN Manual
Unlimited free software upgrades
Certificate of calibration and test reports

SPECIALISED INTERFACES (option)

Interface box for Cooper F3, F4, F5, F6
Interface box for ABB PCD, OVR-1, OVR-3
Interface box for SCHWEITZER SEL 351R, 651R
Interface box for ESV Westinghouse
Other interfaces available (Contact us)

INTERNATIONAL STANDARDS

Recloser testing per ANSI C37-61-1973
IEEE std.321-1973

GEN SERIES

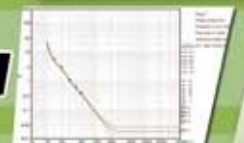
Recloser Control Analyzer



STRONGLY BUILT

STRONGLY BACKED

GENWIN CORE OF THE SOLUTION ONLY SYSTEM ABLE TO TEST ALL KIND OF RECLOSERS



2281 Rue Guenette
Saint Laurent, QC H4R 2E9 Canada
Tel: (514) 333-3488 - Fax: (514) 333-3499
e-mail: zensol@zensol.com

ZENSOL.com

