Zensol

Technical specifications GEN-6/-12

The GEN simulates the mechanical part of the recloser and checks the reaction time of the electronic part during the tests. Various types of adapters are available for a wide range of existing or future reclosers.

CURRENT SOURCE

Number: 1 current source multiplexed over 3 outputs
Current range: 6 A rms for GEN-6
                        14 A rms for GEN-12
Frequency: 50/60 HZ (+/-0.1 Hz)
Resolution: 1.46mA (GEN-6)
                  3.41mA (GEN-12)
 Accuracy: +/- 0.1%

CURRENT MEASUREMENT

The current is measured internally with a Hall effect transducer and
the results are displayed in the GEN Win software
Number: 3 (1 per phase)
Resolution: 1.46mA (GEN-6)
                   3.41mA (GEN-12)
Accuracy: +/- 0.1%

CONTACT OUTPUTS: RELAYS (SPST)

Number: 6
Absolute maximum ratings: 5A 250 VAC, 5A 30VDC.

ISOLATED OPEN/CLOSE INPUTS

Open command inputs: 1
Close command inputs: 1
The close and open commands are controlled:
- Either by GEN Win software
- Or the control cabinet
- Or the front panel pushbuttons

FRONT PANEL CONNECTOR

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

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MEASUREMENT SPECIFICATIONS

A/D conversion: 12bits
Sampling time: 44µs to 28000µs
Sampling rate: 35.7 Hz to 22727Hz
Accuracy: +/- 1 LSB
Resolution: 1µs
Recording time: 1ms to 35 minutes
Signal/noise: better than 80 dB
Graphic resolution: unlimited Zoom capability to view the time and amplitude of each sample.

GENERAL

Size: 13"x 13.5" x 7" (33 x 35 x18cm)
Weight: 18.6 lbs (8.45 kg)
Universal power input: 110-240 VAC
Operating temperature: 0^0C (32^0F) to 50^0C (122^0 F)
Storage temperature: -20^0C(-4^0F) to 70^0C(158^0F)
Humidity: 0-95% non-condensing

SYSTEM INCLUDES

GEN Win software
2-year warranty
GEN Win manual
Calibration certificate and test reports

OPTIONAL SPECIALIZED INTERFACES

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
Interface box for Panacea
Interface box for Arteche
Interface box for Tavrida
Other interfaces available (please contact us)

INTERNATIONAL STANDARS

Conforming to ANSI C-37-60 and IEEE Std 321-1973
international standards

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