SOFTSTUF NC. WAVEWIN SNIFFER PRO

Non-Intrusive DFR / SER Test Set

Sensors monitoring an aux trip relay



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TIS-16P Portable Softcase Test Set



Wavewin Analysis Toolbar

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Features:

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AC DC current measurement

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- Non-Intrusive Circuit connection
- 10 microseconds response
- Dc to 10 KHz Bandwidth

Sensor Description:

The sensor is a small non-intrusive, clamp on device that uses Hall Effect technology to sense current flow through a #12 AWG wire. The chip is a single-axis integrated magnetic field sensor based on the Hall Effect. The circuit is fabricated using a conventional CMOS technology with an additional ferromagnetic layer. The sensor is a small non-intrusive, clamp on device that uses Hall Effect technology to sense current flow through a #12 AWG wire. The chip is a single-axis integrated magnetic field sensor based on the Hall Effect. The circuit is fabricated using a conventional CMOS technology with an additional ferromagnetic layer. The ferromagnetic layer is used as a magnetic flux concentrator providing a high magnetic gain. Therefore, the circuit features very high magnetic sensitivity, a low offset and low noise. The clip enclosure contains a small mu- metal strip for additional shielding against external fields and is also used for amplifying internal fields. It has a clothes pin like enclosure and is capable of sensing microsecond transients (AC & DC) within a 2% accuracy.

Recorders

The recording is performed by a purpose built recording device using fast A/D Conversion with continuous streaming and a resolution up to 22 bits (typical 16 bit). It has a programmable gain feature for improved accuracy, individual channel sampling rates of 2 KHz. and a fast Ethernet interface for real time data transfers.

Specifications:

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Sensitivity Range: Maximum Conductor Response Time Bandwidth Accuracy Channels Circuit Connection Accuracy Cable Length Cable Connector Type 0.2 to 40 Amps Secondary 0.24" (12 AWG) 10 microseconds DC to 10 KHz 2 % 16 Mini clamp on 2 % 10 ft RJ45 Male

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Clamp-On Current Sensor

SOFTSTUF, Inc. - www.softstuf.com - 800-818-3463





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Data Retrieval Storage

The softcase portable TIS-16P comes with an optional notebook PC. The portable deployable TIS-16 comes standard with a built in PC and Wavewin Software for high speed data capture and analysis. It also contains the user defined programming triggers for signal level and duration providing network notification of an event.



TIS-16 Portable Deployable Test Set

Applications

- DC current signal data capture and analysis
- AC current signal data capture and analysis
- Dynamic Relay Testing
- CT Saturation
- Harmonics monitoring
- Breaker timing & operations monitor
- Tap Changers operations monitor
- Plant motor / pump operation health
- Non-Intrusive diagnostics







Transient Data Display & Analysis



Directional Harmonics Display



Sniffer Configuration Software

Contact Us:

To purchase a Wavewin Sniffer Pro, please contact our sales department @ 800-818-3463, <u>sales@softstuf.com</u>.

Hours: Monday through Friday, 9:00 a.m. to 5:00 p.m. EST (Visa, Master Card and/or Purchase Orders accepted)

Mailing Address:

SOFTSTUF, Inc. P.O. Box 40245 Philadelphia, Pa 19106-0245 www.softstuf.com <u>Support:</u> Phone: 609-677-8718 Fax: 215-625-2497 support@softstuf.com

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