

ST-3 NETWORK ANALYZER

An Ideal alternative for retrofitting analog switchboard meter, replacing numerous individual transducers and meters, and offering many features in Monitoring Power. The ST-3 Network Analyzer is a microprocessor based, 3 phase power Monitoring unit, designed for use in Industrial & Commercial Power Distribution switch boards, Substations, Low Voltage Switchgear and Distribution, Process Control Monitoring, Energy and Building Management System, Generator sets etc... The ST-3 Network Analyzer offers high Accuracy, Reliability and Ruggedness.

SPECIFICATION



- **Measurement, Display and Communication of major Electrical Parameters.**
 - Voltage (R, Y, B, Avg)
 - Current (R, Y, B, Avg)
 - Power (KW, KVAR, KVA, R, Y, B TOTAL)
 - Energy (KWH, KVARH, KVAH)
 - Power Factor (R, Y, B Avg)
 - Frequency (Hz)
- **Power Supply** : 240 V AC, 50 Hz (+/- 10%).
- **Voltage Inputs** : 240V/110V AC, 3ph 3 wire, Burden < 0.25 VA for each input. Step down transformers required for higher voltages.
- **Current Inputs** : 0 - 5 Amp, Burden < 0.25 VA for each CT. Step down transformers required for higher currents.
- **Display** : 2 x 16 Digit Liquid Crystal Display.
- **Overload** : Confirms to IEC 60688/IS 12784.
- **Surge** : Confirms to IEC 61000.
- **Accuracy** : 0.5 class.
- **Isolation** : 4 KV for 1 minute between inputs / outputs and power supply.
- **Communication** : RS 485, 8 bit, no parity, and one stop bit.
- **Baud Rate** : Programmable 300,600, 1200, 2400, 4800, 9600 baud.
- **Protocol** : MODBUS (RTU) Upto 32 RS-485 address points allow multiple ST-3 Network Analyzer to be connected to a single Master or PC.
- **Environmental** : Operating Temp: 0 to 50 Deg C.
- **Storage Temp** : -25 to 70 Deg C.
- **Humidity** : 0 - 95% non-condensing.
- **Dimensions** : 144(H) x 144(W) x 200(D) mm.



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