

LOGMASTER LM-RA1000

SOLID STATE POWERLINE CURRENT RECORDER

FEATURES:

- Rugged all-weather construction
- Proven solid state electronics
- Easily installed with a hot-stick
- Wide operating temperature range to -40C
- Fits conductors from 1/4" to 1 1/4"
- 0 to 1000 Amp recording range
- Safe to use on conductors up to 69kv



LOGMASTER LM1000 SPECIFICATIONS

Recording Range 0-1000Amps

Recording Accuracy +/- 5%

Sample Rate 1 seconds

Average of 1, 5, or 15 minute intervals

Memory mode: Overwrite or Stop mode

Maximum duration: 400 days in 15 minute mode.

Battery 9V alkaline

Weight 2.5lbs

Broy Engineering Limited

TORONTO, ONTARIO

The Logmaster LM-RA1000 is a solid state electronic recording ammeter which is designed to be used on overhead distribution powerlines. The LM-RA1000 is initialized using a personal computer to set the desired recording mode, and then installed on the conductor using only a hotstick. This recorder samples the current flowing in the conductor every 1 seconds, and then stores the average or min. max. average of these samples taken over 1, 5, or 15 minute intervals as configured during initialization. When recording in 15 minute mode, the recorder can collect data for up to 400 days. In continuous recording mode, the recorder will overwrite the memory contents if it becomes full. Stop mode will prevent the recorder from overwriting previously saved data.

At the completion of a survey, the data may be retrieved by connecting to a logmaster Computer interface (LMI-4, or LMI-5) and to the USB port of a personal computer. (Once connected to the computer, the software supplied will prompt the recorder to transfer the information into the data analysis and presentation package.) While using this data analysis software (please download **EG2000** demonstration program at *www.broy.com*) the user may combine up to 3 concurrent data files. A high resolution graph allows the user to drag and drop cursors at points of interest in the survey, and output the report to a high resolution colour printer.

The LM-RA1000 is a proven rugged and reliable method to easily collect real time current data from a variety of points along your distribution network.

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