NTI e-acdclm AC/DC Voltage and Current Monitor

The NTI E-ACDCLM AC & DC Voltage and Current Monitor monitors AC and DC voltage sources and current levels when connected to an E-16D, E-5D or E-2D Server Environment Monitoring System(SYSTEM). The voltage sources can be anything with a range between -60 to +60VDC or 0-240VAC. Current measurements can be taken on AC and DC loads and with the use of hall effect sensors (sold separately) loads can be as much as 500A. When connected to a SYSTEM via 18-24AWG CAT5/5e/6 cable (up to 1,000 feet away), the voltage and/or current source(s) can be monitored and the SYSTEM can be configured to alert users as to variations in the voltage and current levels.

Features:

- Reports AC voltage, AC current, DC voltage and DC current.
    - Current measurements require Hall-Effect transducers (sold separately).
    - Polling rate: 1Sa/s.
- Common applications include: electrical systems, power equipment, battery monitoring, generators, remote sites, controlled environment vaults (CEVs), building automation, data center, cabinets, telecom, substations, storage power supplies, communication huts, indoor/outdoor lighting, power distribution, and medical and test equipment.
- AC voltage 2-pin terminal block
    - 0 to 240VAC 600V isolated
    - 0.25VAC resolution
    - Accuracy
        - 0 to 220VAC: 2.5VAC accuracy
        - 220 to 240VAC: 5.0VAC accuracy
- DC voltage 2-pin terminal block
    - -60 to +60V DC non-isolated
    - 0.12VDC resolution
    - 1.2VDC accuracy
- One rectifying Hall Effect 4-pin transducer interface for measuring AC current
    - 0.2% resolution
    - Accuracy and range are transducer-dependent (sold separately).
- One non-rectifying Hall Effect 4-pin transducer interface for measuring DC current
    - 0.2% resolution
    - Accuracy and range are transducer-dependent (sold separately).
- Supports CAT5/5e/6 cable up to 1,000 ft (305 m).
- Dimensions WxDxH (in): 6.2x2.3x1.6 (158x58x41 mm).
- Current consumption: 8mA @ 5VDC, 66mA @ 12VDC.
- Powered by E-2D/5D/16D.
- Regulatory approvals: CE, RoHS.
- Compatible with E-FSC Fiber Converter/Extender.
    - Use to extend the monitor up to 1.2 miles (2km) from the ENVIROMUX unit.