Cutler-Hammer

New Information

Power Manager Telecommunications Module™
(Part of the Advanced Power System™)

A Multi-Task Local Display Device

The Power Manager Telecommunications Module is a local display device used to monitor, store, and display data from multiple submetered loads.

- **General Applications**
  - Local display of multiple tenant loads.
  - Gateway to remote energy services.

- **Important Features**
  - Displays load data for up to 30 tenants.
  - Will display data for a network of Power Managers.
  - Calculates and stores local profile data every 15 minutes or for user-defined demand intervals.
  - Available with or without local color display.
  - Eliminates need for a PC on-site.
  - Networkable with other PMTMs via RS-485.
  - Stores data in a nonvolatile memory.
  - Stores data for 45 days.
  - Ability to transmit load readings to remote energy services through a dedicated 800 line.

- **Dimensions**
  - 8″ W x 6″ H x 3″ D.
  - 4″ x 4″ viewing screen.
  - 4 line by 20 character LCD back-lit display.

- **Protocols**
  - INCOM, RS-485.

- **Clock**
  - High accuracy and Y2K compliant.

- **Peripheral Ports**
  - Two RS-485 ports with RJ-45 connectors:

    One port (two connectors) can be used for PMTM remote daisy chain communications.

    One port to retrieve Power Manager data.
  - RS-232 port to locally download new operation software and configuration data.

- **Electrical Requirements and Specifications**
  - Requires 18V DC at 1.0 amps power supply from wall transformer or other sources.

- **Memory**
  - 256,000 bytes of flash memory for programming data.
  - 512,000 bytes of flash memory to store configuration and load profile data.
  - 512,000 of system RAM memory.
  - 8,000 bytes of nonvolatile RAM.
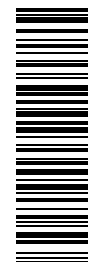
- **Communications Capabilities**
  - 14.4K baud modem to retrieve data, download new operation and configuration code and perform limited remote diagnostics.
  - Two standard RJ-11 telephone jacks:

    One connects modem to telephone line for data retrieval.

    One connects telephone for voice communications.

- **Environmental Tolerances**
  - Enclosure has NEMA 4X rating for harsh environment installations.

- **Ordering Information**
  - Catalog Number PMTM.

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