Micro 3000 Controller

M3K01 - M3K04

Standalone Air Conditioning Control

The M3K series of controllers are designed for use in hotel and commercial applications where stand-alone control is required. The M3K consists of a Controller and a wall mounted Control Station.

The four M3K models consolidate the best of the highly successful Micro 2000 (M2K), Micro-controller (MS) series, along with new features to meet the needs of the latest environmental standards and client requirements.

Features

- Attractive wall mounted Control Station
- On-board temperature sensor
- Simple Control Station to Controller wiring (Power and Comms on one pair)
- Model options including a 365 day battery backed timeclock, daylight savings and after hours control
- Remote temperature sensor inputs for room and ambient temperature (Optional)
- User selectable variable output (0 to 10VDC) ideal for:
  - Cooling
  - Heating
  - Economy cycle control
  - Variable compressor control
- Electric heating or reverse-cycle applications
- 4 user selectable inputs for various functions and alarm conditions
- Intuitive interface for ease of programming, controller status and alarm annunciation

The Micro 3000 controller is factory calibrated with programmed defaults suitable for most typical applications. The Human-Machine Interface (HMI) allows higher level access to parameters for technical personnel, and simplistic programming for clients to adjust their time-settings, fan speed, mode of operation and temperature comfort conditions.

Complex Functions

The M3K includes many additional functions and alarm capabilities including:

- Load shed options
- Key & door switch inputs
- Standby control
- Flood sensor fault
- Heater fault
- Condenser water fault
- Supply fan failure
- Compressor fault

You can find a complete list of functions and alarms in the datasheet which is available on the Innotech website.

Explore the Micro 3000 and other HVAC & BMS products:

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