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BASYX/M Series Controls

Environmental Lighting Controls



Triangle MicroSystems presents the BASYX/M Series controllers for small to medium convenience store, retail, food service and other commercial applications. The M series is a family of application specific controllers intended to ease system design and reduce installation cost through complete system packages... All you need in one box. The BASYX/M is based upon our standard line of DDC controls, and provides full system benefits at a competitive price point.

You're In Control Now

Introducing the BASYX/M Series Control Systems ...

System Application & Benefits...

Triangle MicroSystems is pleased to introduce you to our modular line of automated building controls designed for use in commercial, industrial and retail applications. The system provides automation control with application specific controller packages.

Operating HVAC and lighting through a proper and consistent program is key in controlling your energy usage. New construction and existing buildings both benefit from the energy saving features of the BASYX/M Series controllers.

- BASYX/M-INT INTEGRATOR**
Remote Communications
Modem / Internet Connection
System Global Control

- BASYX/M-HVC CONTROLLER**
Standard Heating & Cooling Unit
Rooftop or Split System

- BASYX/M-HPC CONTROLLER**
Heat Pump Control
Air Cooled or Water Cooled Units

- BASYX/M-RFG CONTROLLER**
Cooler & Freezer Control

- BASYX/M-LC5 CONTROLLER**
Exterior & Interior Lighting
Analog Light Level Sensor

The BASYX/M-INT provides complete system interface and global operations. The system includes one (1) outdoor temperature sensor and one (1) outdoor light level sensor. A standard voice grade modem and internet module are provided for remote communications with the system.

The BASYX/M-HVC is a complete package which controls standard HVAC units with multiple stage heating and cooling. The HVC is ideal for gas/electric rooftop units and split systems. One (1) room temperature sensor with setpoint adjustment and override and one (1) supply air sensor are included with the package. Optional fan status and dirty filter switches are available for complete monitoring of system operation.

The BASYX/M-HPC controls standard rooftop, split or water-source heat pumps. As with the HVC above, the room sensor and supply air sensor are included. Optional fan status and dirty filter switches are also available.

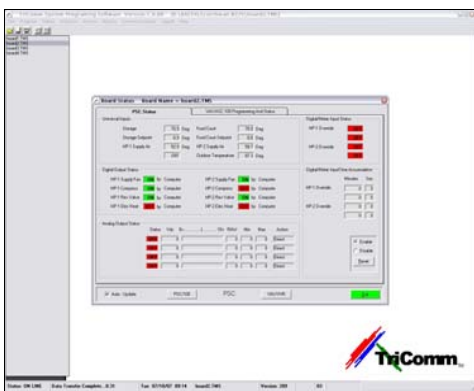
The BASYX/M-RFG monitors and controls up to four (4) coolers or freezers. The package is complete with refrigeration sensors and required control relays.

The BASYX/M-LC5 controls up to five (5) lighting groups. The package is complete with an analog light level sensor and panel mounted relays for switching of line or low voltage control circuits. Time of day and/or light level control is selectable for each lighting level.

All BASYX/M controllers are completely wired and programmed for system operation. All units are mounted in screw cover enclosures for easy field installation. The INT Integrator is an 18" x 12" - 4" enclosure and all other modular packages are 12" x 12" - 4" size, which allows mounting of controllers in tight spaces.



The BASYX/M Series are completely wired controllers, factory tested and provides all software required for fast and easy installation. The system utilizes an analog light level sensor for accurate and consistent control of outdoor lighting circuits. Each system output has up to four on/off schedules per day within the 7 day time schedule program. Individual setpoints allow exacting control of HVAC or lighting outputs. The INT also contains a dedicated binary input for monitoring of electric usage through utility provided pulse contacts or field installed pulse meter. Complete historical reporting of analog sensors and output runtimes is a standard within the operation system software.



Interface with the system is through TriComm, a Windows based graphics interface program. Operators may connect from a laptop/desktop computer through a direct connect port, modem or internet on the INT integrator. All other packages are accessed through the system data bus or an on-board direct USB connection. The TriComm software is provided at no additional cost with the system, and is a license free software package. Software

may be installed on as many computers as desired, with no additional licensing or application fees.

The BASYX/M systems can operate as a stand-alone controller, or can be connected for a complete building automation system. The M series controllers may be integrated with additional BASYX/M controllers to provide extensive control of multiple HVAC and lighting systems. Total system capacity of over 6,000 points allows control of any size building or system. TMS works closely with our distribution network to provide customers with quality controls, both in design and manufacturing. Factory assistance in application and design is provided through our network of distributors and local dealers. Extended warranty contracts are offered to protect your investment for years to come.

Call your local representative to find out more about the BASYX/M control systems ...

- ### CONTROL & MONITORING
- Seven (7) Day Schedule
 - Four On/Off Schedules per Day
 - Individual Setpoint Control
 - Analog Light Level Sensor
 - Electric Usage and Demand Monitoring
 - Historical Reports
 - Factory Wired and Tested

- ### INTERFACE
- Graphical Interface Software
 - Direct Connection
 - Remote Modem Connection
 - Internet Connection
 - USB Port
 - License Free Software

- ### EXPANSION & SUPPORT
- Stand-Alone Operation
 - Expandable
 - Complete Building Automation
 - Dealer/Distributor Support
 - Application Assistance
 - Extended Warranties