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Lighting Control Systems

EXTERIOR & Parking Interior Lighting



Lighting can account for up to 35% of your total utility cost. Proper control of interior and exterior lighting can provide substantial savings in your overall energy management program. Triangle MicroSystems has the equipment you need to accurately and consistently operate any lighting scenario in any building type.

You're In Control Now

Introducing the BASYX Lighting Control Systems ...

Triangle MicroSystems is pleased to introduce you to our line of automated lighting controls designed for use in commercial, industrial and retail applications. The systems provides complete time-of-day and light level control of all types of interior and exterior lighting.

LC SERIES CONTROLLERS

BASYX LC8-R
 Eight Pilot Duty Relay Outputs
 Analog Light Level Sensor
 Multiple Group/Level Control

The BASYX LC8-R is a self-contained lighting panel for control of up to eight (8) lighting groups or levels. Each group may be individually programmed for interior or exterior operation, with control of multiple lighting contactors within each group. The LC8-R contains panel mounted SPDT pilot duty relays for switching of line or low voltage control circuits to lighting contactors.



BASYX LC8-V
 Eight 24VAC Binary Outputs
 Analog Light Level Sensor
 Multiple Group/Level Control



The BASYX LC8-V is a self-contained lighting panel for control of up to eight (8) lighting groups or levels. Each group may be individually programmed for interior or exterior operation, with control of multiple lighting contactors within each group. The LC8-V provides 24VAC binary outputs for direct control of low voltage lighting contactors or remote pilot duty relays.

BASYX LC5
 Five Pilot Duty Relay Outputs
 Analog Light Level Sensor
 Multiple Group/Level Control

The BASYX LC5 is a self-contained lighting controller for control of up to five (5) lighting groups or levels. Each group may be individually programmed for interior or exterior operation, with control of multiple lighting contactors within each group. The LC5 contains panel mounted SPDT pilot duty relays for switching of line or low voltage control circuits to lighting contactors.

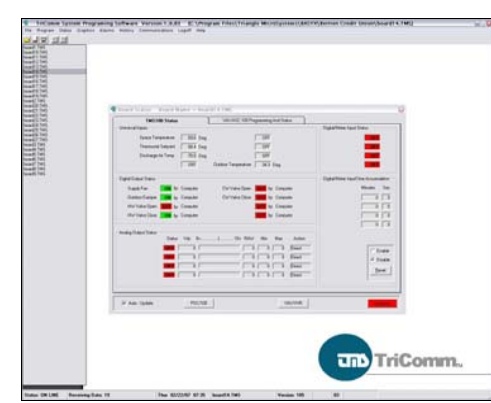


The LC8 Systems are 24x20 hinged cover enclosures with backplate, and are intended for larger systems. The LC5 is a 12x12 screw cover enclosure and is intended for cost-sensitive smaller or dedicated applications.

ACCURATE CONTROL System Application & Benefits... Energy Savings

Operating lights only when needed is key in controlling your electrical usage. New construction and existing buildings both benefit from the energy saving features of the BASYX LC Series controllers.

The BASYX LC is a completely wired controller, 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 lighting group has up to four on/off schedules per day within the 7 day time schedule program. Individual setpoints can reference outdoor light level sensor for staging of outdoor lighting circuits. The LC 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 light levels and 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 LC8 controllers. The LC5 controller is accessed through 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 LC may operate as a stand-alone controller, or can be expanded to be a part of a complete building automation system. The LC may be integrated with additional BASYX controllers to provide extensive control of HVAC and other mechanical systems. Total system capacity of over 6,000 points allows control of any type 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 lighting 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