



PRODUCT: BCS BASYX LC5

Product Overview

The BASYX LC5 is a stand-alone lighting control system specifically designed for the convenience store, small retail, parking lot and other markets. The system provides basic time-of-day scheduling, along with light sensor control for proper operation of outdoor lighting. The system contains all on-board firmware, clock and memory for complete stand-alone operation, and does not rely on a central system controller for operation.

The LC5 allows control of up to five (5) lighting levels for control through SPDT pilot relays, which provide switching of lighting control voltage. In addition to lighting control the LC5 system can monitor cooler and space temperatures with optional sensors.

The BASYX LC5 system is maintained and monitored through TriComm, a Windows based graphical interface program. It provides total system interrogation, programming and report generation through a direct USB connection. All software is provided with an unlimited user license, allowing interface through any owner approved computer.



Features and Options

- Stand-alone operation requires no central controller for system operation.
- Nema 1, UL listed panel is completely pre-wired – Facilitates easy field installation.
- Pilot duty relays switch line or low voltage to field contactors.
- Time-of-day schedules easily modified through simple setup screens.
- Analog light sensor control of outdoor lighting with adjustable setpoints.
- Up to four (4) ON-OFF time schedules per day, per level.
- Windows program provides simple system setup and programming.
- Direct connection of laptop or personal computer system – All software included.
- Program integrity through battery backed-up RAM – Retains system programming without power.
- Includes interface software with unlimited license for local (direct) USB connection.
- Contains (2) digital meter inputs, (4) analog monitoring inputs.
- Alarm dial-out capability.

Specifications

UL Listing:	Controller – ANSI/UL 916 Assembly – UL508A
Temperature: Humidity:	32° to 125° Fahrenheit 95% non-condensing
Input Power:	Power: 120vac (-15% / +10%) 60hz Current: 5 amps maximum
Ports:	RS-485 communications bus USB direct connect port
Enclosure:	Nema 1 enclosure Pre-wired
Dimensions:	12.0"h x 12.0"w x 4.0"d
Weights:	Approximately 10 lbs.

Light Sensor & Optional Contactors



PSR-1 Light Sensor



RIB Relays



SH17 Contactors

System Components and Optional Material

BCS BASYX LC5	Lighting control system with light sensor & interface software
RIB24P30	Self-contained power relay, 30amp – DPDT
SH17-04G	4 Pole, 30amp N.C. lighting contactor