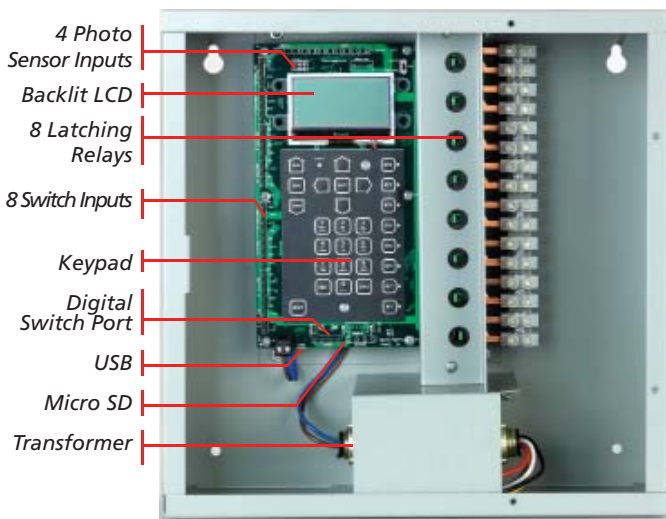


BANTAM

INTERIOR / EXTERIOR
Lighting Control System

APPLICATIONS

- Courtyards
- Lobbies
- Offices
- Parking Lots
- Retail Outlets



PROJECT	
LOCATION	

FEATURES

- Easy to program LCD interface with integral keypad
- Menu-driven screens allow for easy adjustment of programming options
- Reliable 20 Amp mechanically latching relays with integral manual override
- Multiple time schedule options that include Normal, Astro and Open/Close
- 10 year memory and clock backup
- USB connection for programming and backup
- Micro SD slot for backup storage and programming downloads
- Eight switch inputs for low voltage switches, occupancy sensors or other dry-contact inputs
- 4 Analog inputs for PLC Sensors CES and MAS photo sensors
- Supports up to 16 CAN bus digital switch stations
- 326 Groups with Pattern Control options
- Push-buttons for manual overrides of relays
- Compliant with California Title 24
- 2-year warranty

DESCRIPTION

The Bantam Lighting Control System is a code compliant, cost-effective alternative to time clocks, twist timers and contactors.

The Bantam is an easy to use, quick to install, single panel lighting control system which doesn't require any contractor assembly. The Bantam provides automatic control of high-voltage lighting circuits based on panel switches, occupancy sensors, photocells, astronomical time, and time schedules. Eight switch inputs, four analog photosensor inputs, sixteen digital switches, astronomical clock and seven day clock are integrated into the controller.

The Bantam is designed specifically for small buildings with up to eight lighting zones, which can be used for interior office, retail space, and lobbies as well as exterior parking lots and courtyards.

Interior lighting can incorporate after-hour overrides with timed sweeps or with sentry type line voltage switches. Exterior lighting can use an astronomical clock, dry contact, or analog photosensor inputs.

The Bantam also gives the user flexibility to program the panel with the integral LCD and keypad or with a computer via USB connection. PLC has also included a Micro SD slot for simple backup storage. This feature can also be used to enable customers to download programming changes to their panel or have PLC write custom programming for their system.

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Eco-\$mart, Inc.

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TECHNICAL DATA - BANTAM

Electrical

Control Power: Primary 120/277VAC, 50VA
 Low Voltage 24VAC 1A

Relay Type: SPST latching with manual override lever

Relay Rating: Tungsten 20 amp @ 277VAC
 Ballast 20 amp @ 277VAC and 347VAC
 Resistive 20 amp @ 277VAC and 347VAC

Relay Terminals: #20 - #8 AWG

Switch Inputs: Low Voltage Switches
 Eight dry contacts monitored by 24VDC

Switch Types: Single Momentary Pushbutton
 Dual On/Off Momentary Pushbutton
 Single RTC Momentary Toggle
 Occupancy Sensor

Analog Inputs: Four Selectable Channels
 1 - 10VDC for PLC Sensors CES Sensors
 4 - 20mA for PLC Sensors MAS Sensors

Analog Dataline Length: 500 ft maximum

Digital Switches: 16 CAN Bus Addresses

Digital Dataline Length: 1,640 ft maximum

Communication: USB 2.0 with Mini-B Connector

Storage: Micro SD card

Local Overrides: Hand/Auto override switch

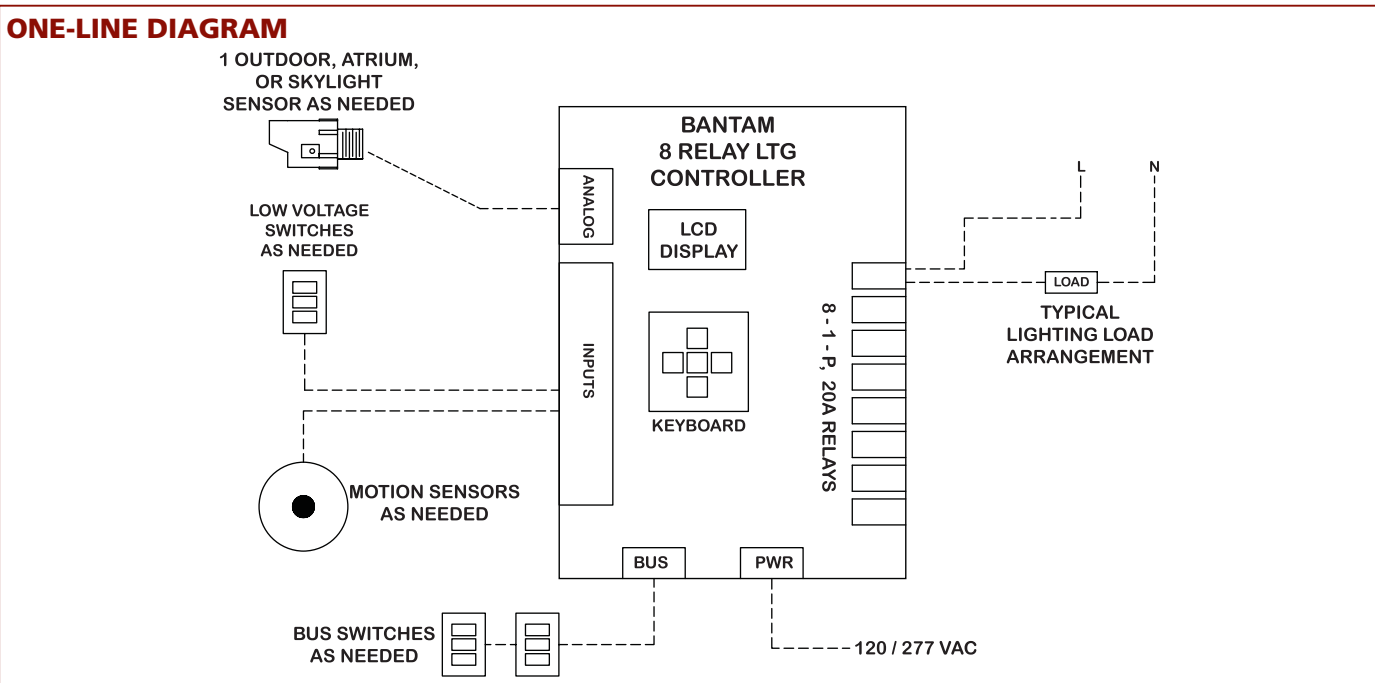
Mechanical

Enclosure: Nema 1
 Size: 12"H x 12" W x 4.25" Deep

Environmental: 32° to 125°F (0° to 50°C)

Approvals: UL508A listed

Compliance: NEC, RoHS, California Title 24



ORDERING INFORMATION

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