

8 to 48 Relays · USB & Micro SD · Daylight Harvesting · Easy Installation

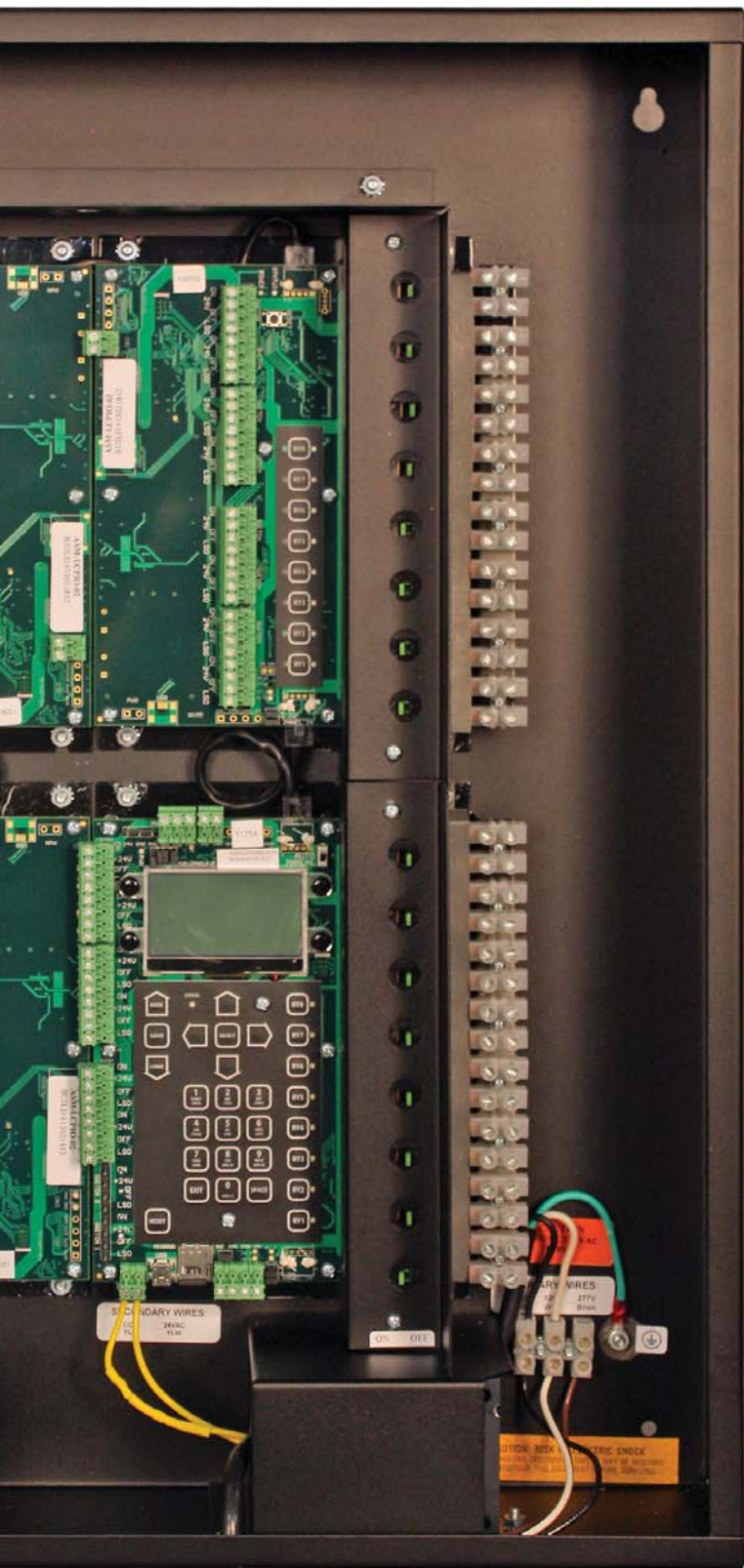
# BantamX

**Stand-Alone  
Lighting Control  
System Built  
to Fit Any  
Application**



## R-Series



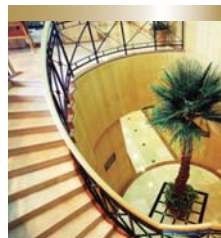
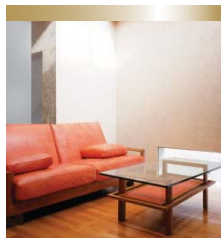
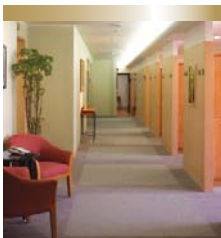


# The BantamX has the ability to extend lighting control

Start with a robust foundation based on the very popular Bantam stand-alone lighting control system from PLCBuildings. Add to that even more standard features for daylight harvesting and programming. Then combine as many relays as you need, up to 48, to suit your specific application. What you have is the BantamX, an all-in-one lighting control system that allows you to specify 8, 16, 24, 36, 40, or 48 relays, in one enclosure. Best of all, the BantamX comes loaded with many of the standard features you'd expect to find only in much more expensive systems.

## Loaded with Features

- Specify 8, 16, 24, 32, 40, or 48 relays
- 4 enclosure sizes
- Preprogrammed control strategies
- Graphic interface with integral keypad
- Reliable 20A mechanically latching relays
- Multiple scheduling options – Normal Time, Astro Time, Open/Close Time
- 16 CANbus digital switch stations
- Up to 48 switch inputs for low-voltage switches, occupancy sensors or other dry-contact inputs
- 4 analog inputs for PLC photo sensors
- Micro SD card for data storage/updates



# loads of standard features plus the nd to 48 relays. It all adds up to a system that won't let you down.

## **Simple All-In-One Lighting Control**

The BantamX, from PLCBuildings, is ideal for most contractors. The installation is fast and efficient because everything that's needed is already built in. Standard features that make BantamX easy in the startup and trouble free over the long haul.

## **Suited for Any Application**

You can count on the BantamX to work perfectly in almost any lighting control situation that doesn't require a network. You can use the many features of BantamX in office buildings, shopping malls, schools, or any application that needs an off-the-shelf solution for complex lighting control.

## **Built-in Energy Efficiency**

Energy efficiency through daylight harvesting is what building owners and developers expect these days. The feature-rich BantamX satisfies that need with the incorporation of 4 analog inputs, perfectly suited for PLC sensors.

## **Preprogrammed for Fast Startup**

Select one of many preloaded profiles, created to enable you to quickly select and launch this system with minimal button pushing.

## **Designed for Easy Operation**

All the hard work normally associated with programming has already been done. The BantamX

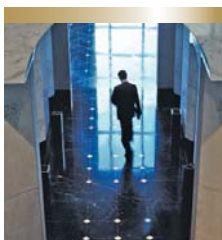
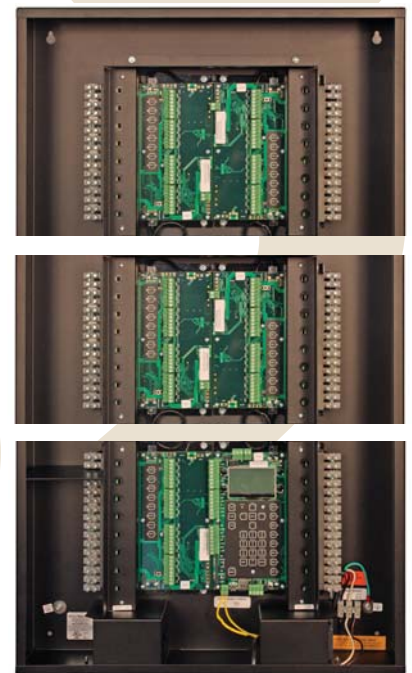
makes it easy for the end-user to program and manage this robust system. The onboard LCD provides step-by-step instruction on using the many preprogrammed profiles or in creating custom operating profiles.

## **BantamX Is a Winner, No Matter How You Stack it!**

Feature packed, easy to install and extremely versatile, the BantamX will fast become your favorite lighting control system for use in almost any application. Start with 8 relays and the capabilities for daylight harvesting, scheduling, and occupancy sensing.

Then you can add more relays, 8 at a time, to make the BantamX ideally suited for your specific application.

## **It's Never Been Simpler to Have Complex Lighting Control.**



**PLCBuildings**  
Lighting Control Systems

## Specifications

### Electrical

#### Control Power

- Primary: fused 115/277VAC, 50VA
- Low Voltage: 24VDC

#### Relay Type

- SPST latching with manual override lever

#### Relay Rating

- Tungsten 20 amp @277VAC
- Ballast 20 amp @277VAC & 347VAC
- Resistive 20 amp @277VAC & 347VAC

#### Relay Terminals

- Accepts #20 - #8 AWG

#### Switch Inputs

- Up to 48 dry contact inputs (24VDC)
  - Single momentary (2 wire)
  - Dual ON/OFF momentary (3 wire)
  - Single maintained (2 wire)
  - Occupancy sensor (3 wire)
- Four analog inputs
  - Any combination of 4-20mA (MAS sensors) and 1-10VDC (CES sensors)
- Digital switches
  - Up to 16 CANbus addresses

#### Local Overrides

- Hand/Auto override switch

### Mechanical

- Enclosure for 8, 16, 32 or 48 relays: NEMA 1
- Size: 8 Relays - 12"high x 12"wide x 4.25"deep
  - 16 Relays - 12"high x 20"wide x 4.30"deep
  - 32 Relays - 24"high x 20"wide x 4.30"deep
  - 48 Relays - 36"high x 20"wide x 4.30"deep

### Environmental

- 32 to 125 deg F (0 to 50 deg C)
- 20% to 95%RH, noncondensing

### Approvals

- UL508A listed & CA Title 24 compliant

### Warranty

- 2 Year



## Lighting Control Systems

If you have any questions, please call us toll free at 1-866-998-5483.  
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