



## LX Series Frequently Asked Questions (FAQs)

### **Q:What is the LX Series?**

**A:** The LX Series is an integrated lighting control solution consisting of lighting control panels, a handheld touch screen tablet with a Graphical User Interface, programmable switch stations, robust and reliable mechanically latching relays, occupancy sensors, daylighting controls and powered, topology-free, polarity insensitive, 2 wire communication.

### **Q.What’s the touch screen tablet for?**

**A:** The LX Tablet is a handheld device, featuring a Graphical User Interface, which enables you to easily configure and manage your lighting control system. It is also designed so that you can manage your system either locally or anywhere in the network.

### **Q:What type of relays do you use?**

**A:** The LX Lighting Control Panels use robust and reliable 20 Amp mechanically latching relays. These relays provide 150,000 cycles at fully-rated 20 Amp load and are suitable for high in-rush loads up to 2,000 Amps. These relays also provide 5,000 Amp short circuit current for unmatched durability.

### **Q: Can the LX Relays provide control for any load type?**

**A:** Yes. The LX Relays support 120, 277 & 347 VAC Single Pole and 208, 240 & 480 VAC Double Pole.

### **Q: Can I override the LX Relays if I want to?**

**A:** Yes. The LX Relays can be overridden regardless of presence of power or status control circuitry using the built-in manual override lever.

### **Q: Can I determine the true state of the relay?**

**A:** Yes. The LX Relays contain an ON/OFF indicator providing visible indication of the relay’s status. The relay also reports the actual state of the relay regardless of actuation.

### **Q: If I experience a power outage what happens to the relays on power-up?**

**A:** Upon restoration from a power outage, the relays will return to the state prior to the power outage or can be individually programmed to a forced ON or OFF state.

### **Q: Some of my building occupants don’t like it when an OFF event occurs suddenly. What options are available to address their concerns?**

**A:** The LX Relays feature a programmable blink alert which momentarily turns the lights OFF then back ON again, thus notifying occupants in advance of a pending OFF event.

### **Q:What’s “Powered, Topology Free, Polarity Insensitive, 2-Wire Communication”?**

**A:** With powered, topology free, polarity insensitive, 2-wire communication, connected devices do NOT require a separate power source to operate; the power is supplied by the 2-wire network. This support also enables connected devices to run in virtually any topology or mixed (including Star and T-based configurations). This support also enables contractors to easily install and wire connected devices without regard to polarity.

## **LX Series Frequently Asked Questions (FAQs) *continued***

### **Q:What's LonWorks® “Open System” architecture?**

**A:** The LX Series uses LonWorks® “Open System” architecture for communication with all of the connected devices. By using this architecture, the LX Series can be integrated seamlessly with other building systems.

### **Q:Are the LX Series relay panels and devices LonMark™ certified?**

**A:** Yes.All of the LX Series panels and devices are LonMark certified.

### **Q:What types of event scheduling options are available to me?**

**A:** The LX Series features multiple scheduling options including Normal Time,Astronomical Time, Open/Close Time, and Hours of Operation Time.These options enable you to easily create schedules for your business needs. For example: ON @ 8:00am, or ON 30 minutes prior to SUNSET, or ON 5 minutes before store OPEN.With a simple edit of Open/Close times, multiple schedules can be altered quickly.And by using the Hours of Operation scheduling feature you can easily implement after hours OFF sweeps.

### **Q: Do I have to manually update all my schedules due to Daylight Savings Time changes?**

**A:** Absolutely not.The LX Series provides support for automatic Daylight Savings Time adjustments.All schedules can be automatically updated due to Daylight Savings Time changes.This support is configurable, just in case you do want to update schedules manually.

### **Q: Can I create schedules based on Sunrise and Sunset?**

**A:** Yes.The LX Series provides automatic calculation of Sunrise and Sunset times based on date and geographical location.

### **Q:What size enclosures are available for the lighting control panels?**

**A:** The LX Lighting Control Panels are now available in 8, 16, 32 and 48 relay enclosures and can be either flush or surface mounted.

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