



# LX Series Networked Lighting Controls Relays

## KEY FEATURES

- Robust and reliable mechanically latching relay
- UL endurance test 60k operations at 20A, 300VAC
- Suitable for high in-rush loads up to 2,000 Amps
- 14,000 Amp short circuit current @277VAC\*
- 120, 277 & 347 VAC Single Pole
- 208, 240 & 480 VAC Double Pole
- Built-in manual override lever & ON/OFF indicator
- True relay status
- UL Listed
- 2 year warranty

## OVERVIEW

The heart of any lighting control system is the relay. With today's new high in-rush lighting loads and demanding inductive switching requirements, only the most robust relays are capable of keeping up with the demands placed upon them. LX Relays are recognized as the industry's most robust and reliable relays on the market today. With a 2,000 Amp in-rush current and 14,000 Amp short circuit current, our relays are built to last.

## FEATURES & BENEFITS

Feature	Benefits
20 Amp mechanically latching relay	<ul style="list-style-type: none"> <li>• Robust and reliable</li> <li>• Fully rated for control of 20 Amp lighting circuits</li> <li>• Maintains state even when power is not applied</li> <li>• Tool-less insertion and removal of relay</li> </ul>
UL endurance test 60k operations at 20A, 300VAC 14,000 Amp short circuit current* 120, 277 & 347 VAC Single Pole 208, 240 & 480 VAC Double Pole	<ul style="list-style-type: none"> <li>• Unmatched durability</li> <li>• Provides control for any load type</li> </ul>
Built-in manual override lever & ON/OFF indicator	<ul style="list-style-type: none"> <li>• Relay can be overridden regardless of presence of power or status of control circuitry</li> </ul>
True relay status	<ul style="list-style-type: none"> <li>• Visible indication of current relay status</li> <li>• Relay reports actual state of the relay regardless of actuation</li> </ul>
Flexible programming of functionality	<ul style="list-style-type: none"> <li>• Easy to program using the LX Touch Tablet Graphical User Interface</li> <li>• Supports any LX programming device local or remote</li> <li>• Each relay may be controlled individually, within a group or preset scene</li> </ul>
Programmable blink alert – momentary OFF then back ON	<ul style="list-style-type: none"> <li>• Occupants will be notified in advance of a pending OFF event</li> </ul>
Automatic power-up settings	<ul style="list-style-type: none"> <li>• Upon restoration from a power outage, relays will return to state prior to power outage or can be forced to ON or OFF state (individually programmable)</li> </ul>



## SPECIFICATIONS

### Physical

- Mechanically held latching relay
- Mounts in LX panel to supplied mounting bracket
- Built-in manual override lever & ON/OFF indicator on each relay
- Tool-less insertion and removal of relay

### Electrical

- Robust and reliable 20 Amp relay
- UL endurance test 150k operations at 20A, 300VAC
- 14,000 Amp short circuit current @277VAC\*
- 20 Amp Single Pole – 120, 277 & 347 VAC
- 20 Amp Double Pole – 208, 240 & 480 VAC
- ½HP@110-125VAC, 1 ½HP@220-277VAC

### Operating environment

- Location: Interior space
- Operating temperature: 0° to 50° C (32° to 122°F)
- Relative Humidity: 10% to 90% non-condensing

### Certifications

- UL & cUL Listed (UL 508)

\*Applicable to Single Pole Relay only.

## HOW TO ORDER

Catalog Number	Description
LXRL1	LX Relay, Single Pole, 120/277/347VAC
LXRL2	LX Relay, Double Pole, 208/240/480VAC



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