



Industrial lighting contactor panel for switching high-power lighting loads. Features mechanically held contactors for reliable operation and low-voltage control inputs compatible with building automation systems. Designed for commercial, industrial, and architectural lighting applications.

## KEY FEATURES

- ✓ Mechanically held lighting contactors
- ✓ Low-voltage control inputs (24VDC)
- ✓ High-current switching capacity
- ✓ UL508A listed industrial enclosure
- ✓ Pre-wired and factory tested
- ✓ LED status indicators per circuit
- ✓ Compatible with BAS and lighting controls
- ✓ DIN rail mounted components
- ✓ Numbered terminal blocks
- ✓ Available in 4, 8, or 12 circuit configurations

## SPECIFICATIONS

<b>Circuits</b>	4, 8, or 12 (model dependent)	<b>Control Current</b>	50mA per circuit
<b>Contactor Type</b>	Mechanically held	<b>Enclosure</b>	NEMA 1, 16 gauge steel
<b>Load Rating</b>	20A per circuit @ 277VAC	<b>Finish</b>	ANSI 61 gray powder coat
<b>Total Panel Rating</b>	100A maximum	<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Control Voltage</b>	24VDC	<b>Humidity</b>	5% to 95% non-condensing

## ELECTRICAL SPECIFICATIONS

<b>Line Voltage</b>	120/277VAC, 50/60Hz
<b>Switching Capacity</b>	20A resistive, 16A inductive
<b>Inrush Rating</b>	800A for 0.5 cycles
<b>Wire Size (Load)</b>	10-14 AWG
<b>Wire Size (Control)</b>	18-22 AWG
<b>Ground Fault</b>	Optional GFCI protection

## DIMENSIONS

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<b>Width:</b>	20 in (508mm)
<b>Height:</b>	24 in (610mm)
<b>Depth:</b>	6 in (152mm)
<b>Weight:</b>	35 lbs (15.9 kg)

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## MOUNTING

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Surface mount to wall or backboard. Requires dedicated circuit breaker per NEC requirements. Install by qualified electrician only. Maintain minimum 36 inch working clearance per NEC 110.26.

## ORDERING INFORMATION

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Part Number	Description
NX-LCP-4	4-Circuit Lighting Contactor Panel
NX-LCP-8	8-Circuit Lighting Contactor Panel
NX-LCP-12	12-Circuit Lighting Contactor Panel
NX-LCP-CUSTOM	Custom configuration (contact factory)

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UL508A

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RoHS

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