Lighting Controls

NXP2 SERIES

NX LIGHTING CONTROL PANEL RELAYS

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

FEATURES

- Robust mechanically latching single and double pole relays
- Electrically rated for 60,000+ operations (30,000+ cycles) at full 20a load
- Mechanically rated for 120,000+ operations (60,000+ cycles)
- Short Circuit Current Rating (SCCR) of 14,000A @ 277VAC
- Manual override switch (integral to the relay)
- At-A-Glance ON/OFF relay status indicator
- 5 year limited warranty

Single Pole Relay

Double Pole Relay

SPECIFICATIONS

CONSTRUCTION
- Relay Dimensions
  - Single Pole - L:106.5mm x W:24.5mm x H:60mm
  - Double Pole – L:96mm x W:49.5mm x H:60mm[1]

MOUNTING
- Mounts directly to NX Lighting Control Panel relay mounting strap

ELECTRICAL
- Relay Operating Voltages
  - Single Pole:
    - General Use: 30A @ 347VAC
    - Tungsten: 1920W @ 120VAC
    - (Standard) Ballast: 10A @ 347VAC
    - Electronic Ballast: 16A @ 277VAC
    - Motor Starting: 1 HP @ 110-125VAC; 1.5 HP @ 220-277VAC
    - Short Circuit Current Rating (SCCR) of 14,000A @ 277VAC

ELECTRICAL (CONTINUED)
  - Double Pole:
    - General Use: 20A @ 347/480VAC
    - Tungsten: 2400W @ 120VAC
    - (Standard) Ballast: 20A @ 347/480VAC
    - Motor Starting: ½ HP @ 110-125VAC; 1.5 HP @ 220-277VAC
    - Short Circuit Current Rating (SCCR) of 5,000A @ 277VAC
- Relay Electrical Ratings
  - Rated for minimum 60,000+ operations (30,000+ cycles) at full 20A load
  - Rated full-life with HID load
- Relay Mechanical Ratings
  - Rated for minimum 120,000+ operations (60,000+ cycles)

OPERATON
- Mechanically latching
- Provides at-a-glance indication of ON or OFF relay status

OPERATION (CONTINUED)
- Includes manual override switch (integral to the relay)

OPERATING ENVIRONMENT
- Indoor use only
- 32° to 112°F (0° to 50°C)
- Relative humidity (non-condensing): 10% to 90%

CERTIFICATIONS
- UL Listed
- CSA Approved

WARRANTY
- 5 year limited

Notes:

1 Double pole relays occupy (2) relay spaces.

ORDERING GUIDE

Example: NXP2-RL2-SP

CATALOG #

NXP2-RL	–	
Model		**Type**
NXP2-RL2 NX Lighting Control Panel V2 Relay	**SP**	Single Pole - General Use: 30A @ 347VAC; Tungsten: 1920W @ 120VAC; (Standard) Ballast: 10A @ 347VAC; Electronic Ballast: 16A @ 277VAC; Motor Starting: 1 HP @ 110-125VAC; 1.5HP @ 220-277VAC
NXP2-RL NX Lighting Control Panel V2 Relay	**DP**	Double Pole - General Use: 20A @ 347/480VAC; Tungsten: 2400W @ 120VAC; (Standard) Ballast: 20A @ 347/480VAC; Motor Starting: ½ HP @ 110-125VAC; 1.5HP @ 220-277VAC

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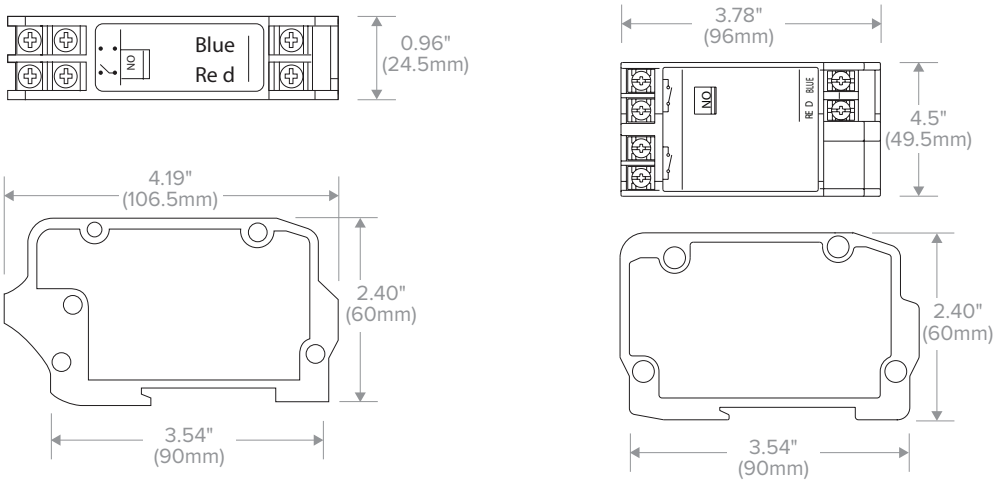
NXP2 SERIES

NX LIGHTING CONTROL PANEL RELAYS

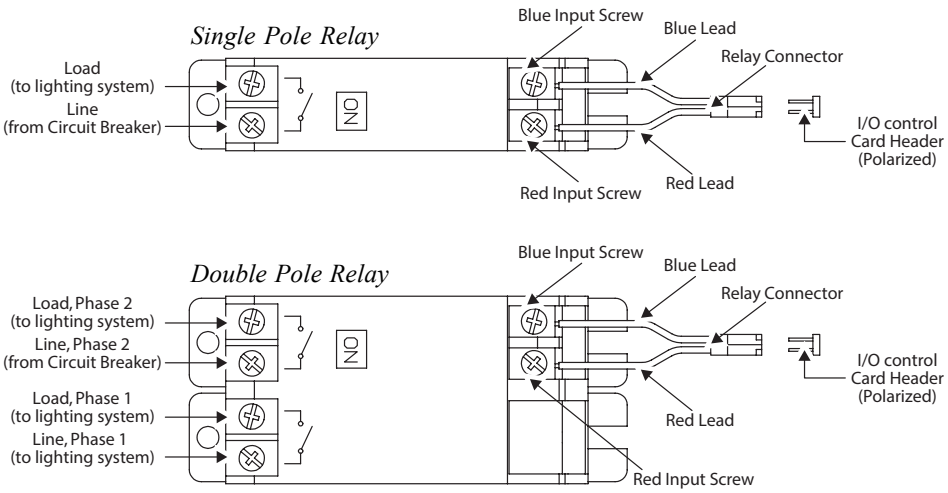
DIMENSIONS



Single Pole Relay

Double Pole Relay

WIRING DIAGRAM



Relay Wiring Diagrams

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