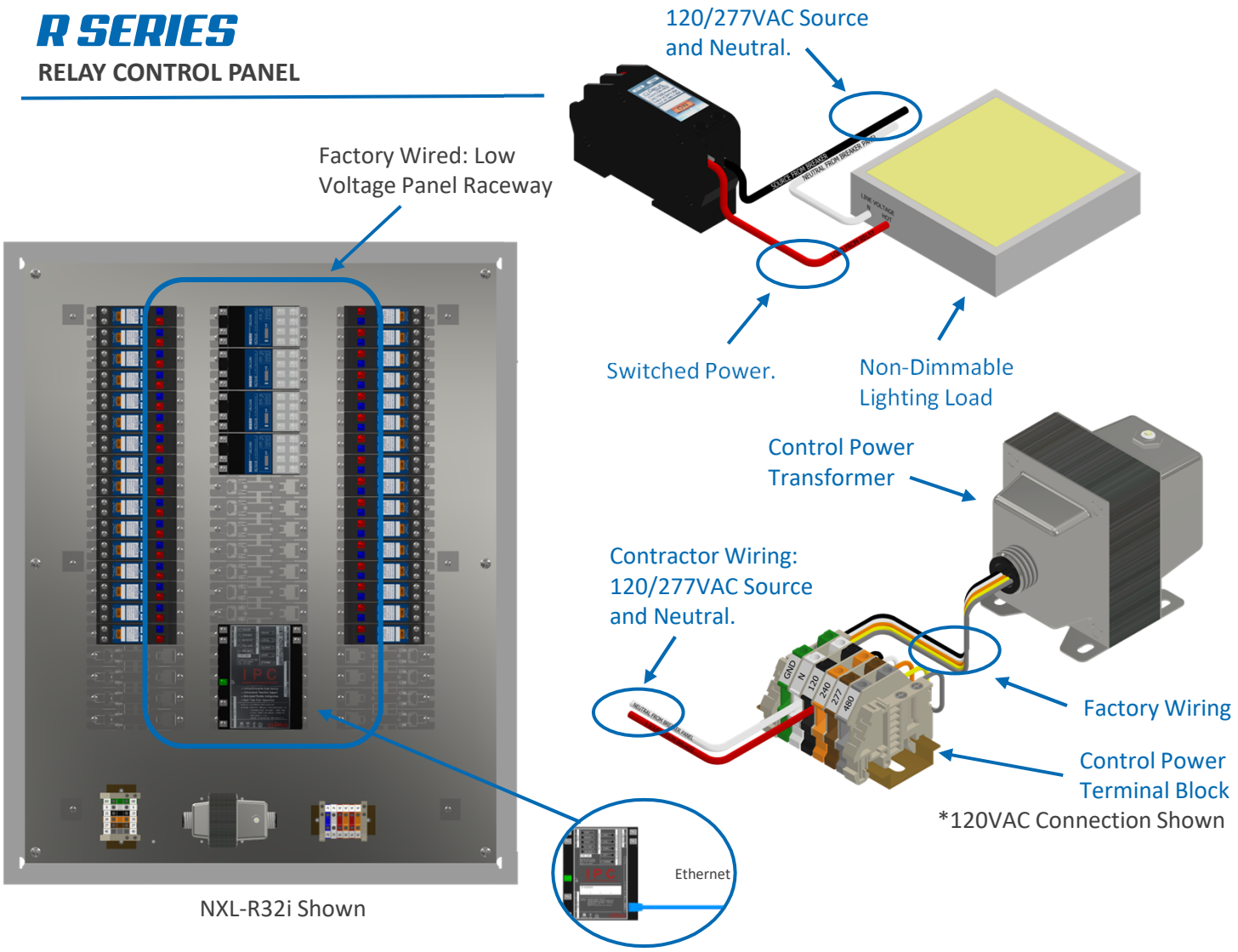
R SERIES

RELAY CONTROL PANEL



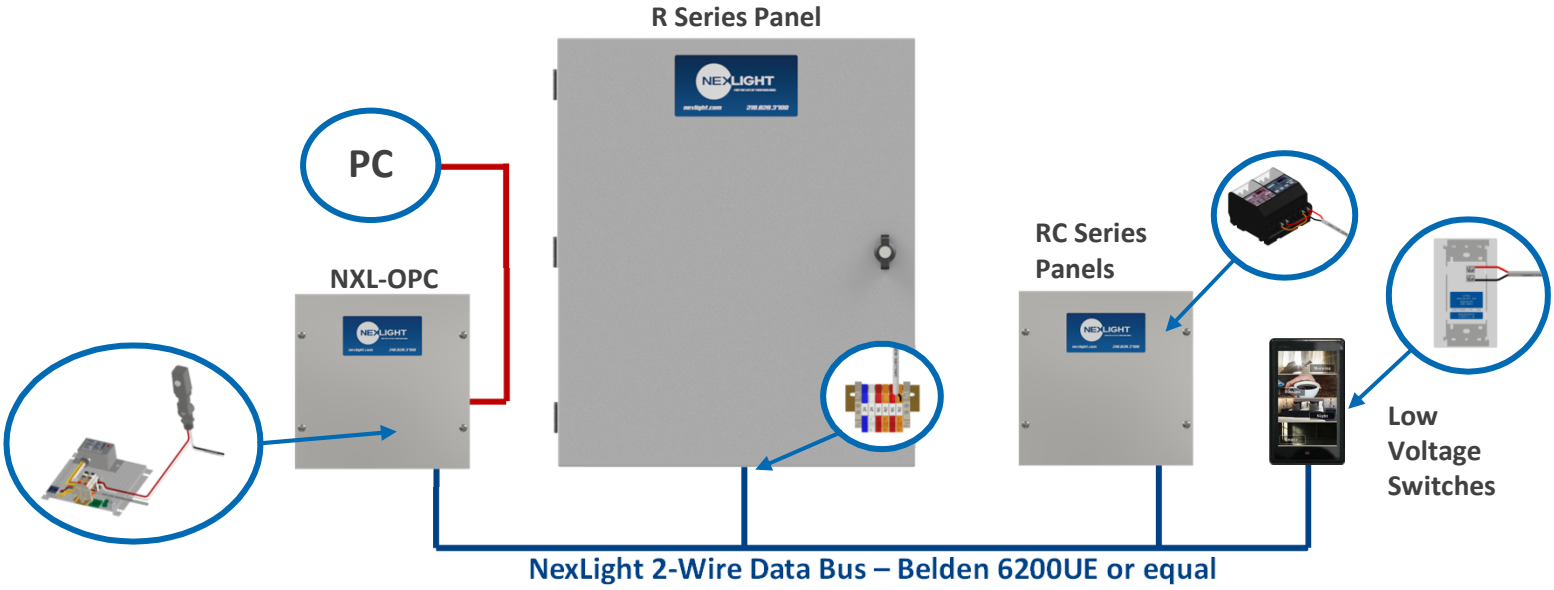
APPLICATION OVERVIEW

The R Series Panels are stand-alone relay panels that serve as the primary point of connection in the 2-Wire NexLight Lighting Control System. Utilizing the CRC1201, the R Series panels provide a Graphic User Interface for monitoring and control of all addresses on your lighting control system. Networking multiple (up to 250) standard panels (R Series and/or D Series) is easily done through a standard Ethernet (CAT5E or greater) Local Area Network. This networking approach allows for a truly segmented network design, while retaining the advantage of leveraging the reliability and simplicity of the NexLight 2-Wire Data Bus.

APPLICATION HIGHLIGHTS

- **Networkable via Ethernet.**
- **Programming, Monitoring and Remote Override available through Graphic User Interface (GUI).**
- **Utilizes the CRC7000 Mechanically Latching Relay backed by NexLight's 20-Year Relay Warranty.**

TYPICAL RISER



PANEL SCHEDULE

Information supplied by building IT Department

Record the control circuit wired to the terminal block

Record the Lighting Load Description

Record the source circuit breaker

PANEL NAME:		IP ADDRESS:	
MOUNTING LOCATION:		SUBNET MASK:	
TRANSFORMER FEED:		DEFAULT GATEWAY:	
PANEL TYPE:	NXL-R32	PANEL DIMENSIONS:	30.00"H x 24.00"W x 6.00"D

LEFT SIDE				RIGHT SIDE			
LOAD DESCRIPTION	SOURCE	ADDRESS	DEVICE	DEVICE	ADDRESS	SOURCE	LOAD DESCRIPTION
		0-1	CRC7000	CRC7000	0-2		
		0-3	CRC7000	CRC7000	0-4		
		1-1	CRC7000	CRC7000	1-2		
		1-3	CRC7000	CRC7000	1-4		
		2-1	CRC7000	CRC7000	2-2		
		2-3	CRC7000	CRC7000	2-4		
		3-1	CRC7000	CRC7000	3-2		
		3-3	CRC7000	CRC7000	3-4		
		4-1	CRC7000	CRC7000	4-2		

STEPS TO INSTALLATION

1. **Mount the R Series Panel in the desired location.**
2. **Wire the CRC7000 Relay to the Source and Lighting Load.**
   - **Record the Source and Lighting Load Description on the part number specific Panel Schedule.**
3. **Connect Line Voltage to the Control Power Terminal Blocks.**
   - **Record the circuit breaker designation in the appropriate field at the top of the Panel Schedule.**
4. **Proceed with wiring the NexLight 2-Wire Data Bus; Reference the Table of Contents for specific applications.**