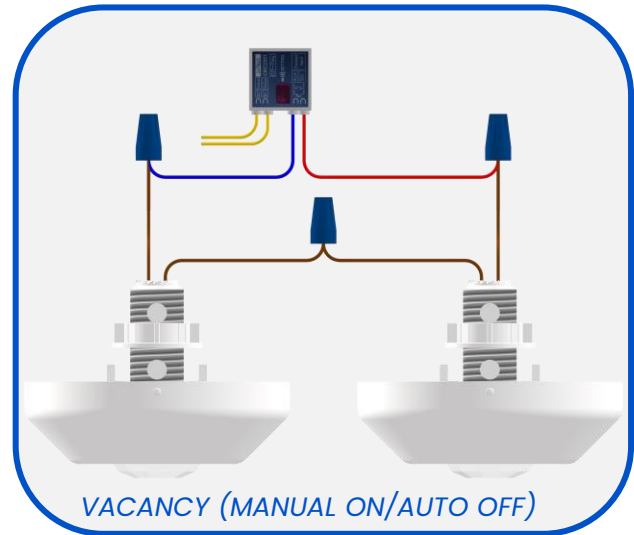
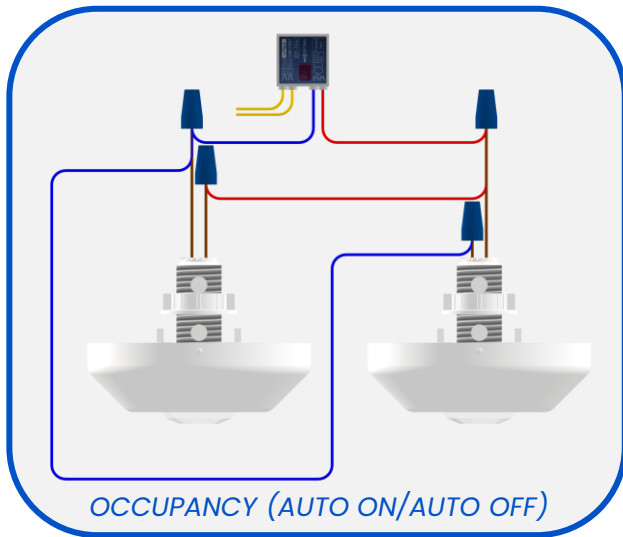


2-Wire Network

ANALOG SENSOR INTEGRATION



*Route the Yellow Leads to the NexLight System Data Bus.

120/277VAC Source and Neutral.

Power Pack for Control Power only; internal relay not used for load control.

CRC6400 ADDRESS SETTING UNIT



CRC2301 CIT Tiny

SENSOR POWER SUPPLY

APPLICATION OVERVIEW

Integrating analog sensors into the 2-Wire NexLight Lighting Control System can be done using any sensor that has a Form-C Relay wired to a CRC2301 CIT Tiny. Wiring the CRC2301 to achieve Occupancy operation, is a matter of landing the red and blue leads onto the common and normally open (wired in parallel for multiple sensors); reference Occupancy Diagram above. Wiring to achieve Vacancy operation, is a matter of landing the red and blue leads onto the common and normally closed (wired in series for multiple sensors); reference Vacancy Diagram above. The power pack is only required for powering the sensors, the isolated relay in the power pack may be used for plug load in the space if desired. Wire the Yellow leads on the CRC2301 to anywhere on the NexLight 2-Wire Data Bus Network.

APPLICATION HIGHLIGHTS

- Acts as a potential plug load solution.
- Programming, Monitoring and Remote Override available through the NexLight Graphic User Interface (GUI).
- Ability to disable sensor operation using an optional individual address within the CRC2301.