

nxtCycle Wave

Wiring Configuration Guide



PedSafety

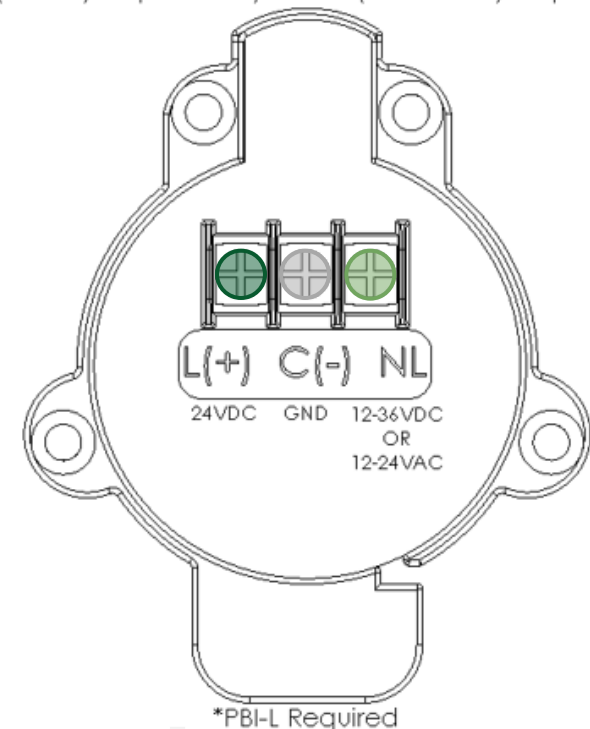
Initial Setup

- The **nxtCycle Wave** has two different modes to pick from that determine the operation of the LED light on the pushbutton – latching and non-latching.
- In both modes, the pushbutton will emit an audible dee-dah tone and produce a contact closure.
 - When in latching mode, the LED **will stay illuminated** until the WALK indication has been given.
 - When in non-latching mode, the LED **will flash briefly** to indicate the button was activated.

Note: For the **nxtCycle Wave**, in either mode, an interface card is required in the traffic cabinet.

Terminal Configurations

Latching(L)* Configuration (Polarity Dependent) Non-Latching(NL) Configuration (Not Polarity Dependent)



Latching Configuration Wiring Instructions

Polarity Dependent

1. Remove the button cup from the back of the bezel by removing the 2 Allen screws.
2. Attach the chase nipple to the back of the button cup and route the 2 field wires from the traffic controller to the terminal strip.
3. Connect common or (-) wire attaches to the **C terminal** in the middle.
4. Connect positive wire (+) attaches to the **L terminal** on the left (*rated for 24 VAC*)

Non-Latching Configuration Wiring Instructions

Not Polarity Dependent

1. Remove the button cup from the back of the bezel by removing the 2 Allen screws.
2. Attach the chase nipple to the back of the button cup and route the 2 field wires from the traffic controller to the terminal strip.
3. Connect the 2 field wires to the **C terminal** and **NL terminal** (*rated for 12-36 VDC or 12-24 VAC*)

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