

NLC**EM**UL924

Emergency Lighting Controller

Product Description

The NLC**EM**UL924 is an emergency lighting controller that meets UL924 requirements for networked controlled emergency lighting. It detects when normal building power has been interrupted and sends a wireless signal to the wirelessly controlled luminaires on the emergency circuit to override control inputs during this state. The NLC**EM**UL924 is designed for building emergency back-up power such as UPS or generator emergency power. It works seamlessly with NLC Bluetooth wireless lighting controllers (NLCPC1, NLCPC2) and NLC Bluetooth compatible LED drivers. Setup and commissioning requires the NICOR NLC mobile app (iOS and Android).

Construction

- Made of fire retardant plastic (UL 94-5VA)
- IP20

Network Technology

- Bluetooth Low Energy (BLE) 5.0 with mesh networking
- Bluetooth range: up to 100 ft (line of sight)
- Commissioned via NICOR NLC app (iOS and Android compatible)
- UL1376 Cyber Security Certification
- Only one NLC**EM**UL924 is needed per zone

Electrical

- Input voltage: 120-277VAC, 50/60Hz
- Input current: 30mA
- Input power: 5W
- Output wiring for test button (not included)
- Operating temperature rating: -22°F to 122°F (-30°C to 50°C)

Listings

- cULus Listed Emergency Lighting and Power Equipment E528562
- UL924
- UL2043 suitable for use in air plenum
- RoHS

Warranty

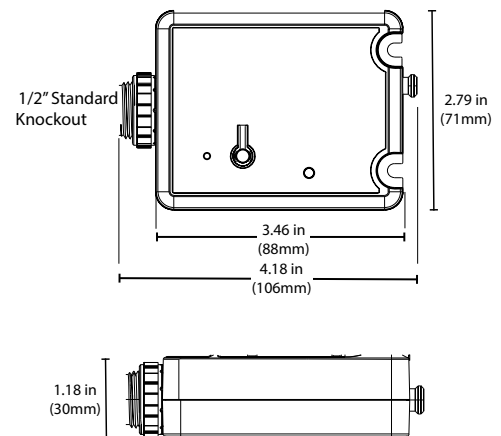
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project _____

Catalog _____

Type _____

Date _____

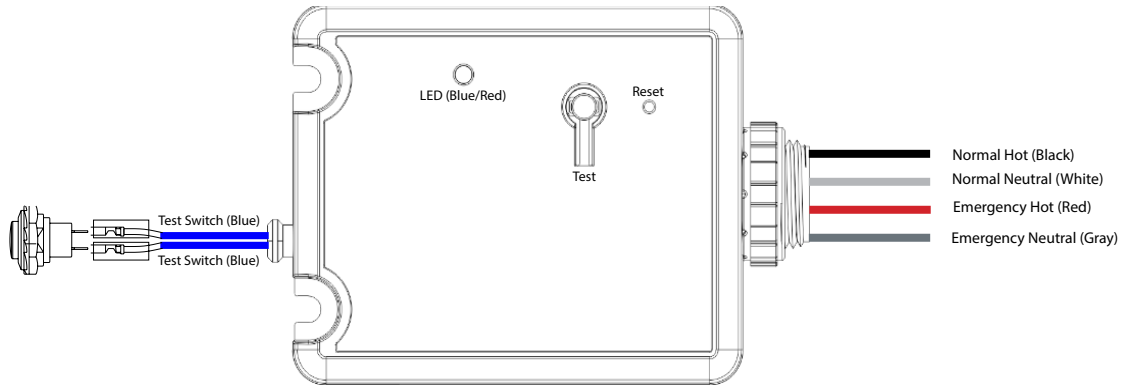


Ordering Information

Series	Product	Type
NLC	EM (Emergency Circuit Controller)	UL924

Specifications and dimensions subject to change without notice. Please refer to the website for the most up-to-date information.

Wiring Diagram



Turn power **ON** and follow the Nicor NLC commissioning guide.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.