

NLCEMUL924

NLC Emergency Lighting Controller

Product Description

The NLCEMUL924 is an emergency lighting controller which is in compliance with UL924 for controlling lighting on emergency circuits with building invertors or a generator. The NLCEMUL924 works with NLC Bluetooth wireless lighting controllers (NLCPC1, NLCPC112V, NLCPC2) and with NLC Bluetooth compatible LED drivers. It automatically disables the lighting control configurations and operates the lights at full output when normal building power is interrupted by sending a wireless signal to the lighting controllers. The NLC mobile app (Android/iPhone) is required for configuration.

Construction

- Housing material is made of UL94-5VA
- IP20

Network Technology

- Bluetooth Low-Energy Mesh Network
- Controlled with the NLC App for both iOS and Android smartphones
- Bluetooth can be transmitted up to 100ft
- BLE 4.2 MESH IEEE 802.15.1
- Radio frequency of 2.4GHz

Electrical

- Input voltage of 120-277V, 50/60Hz
- Output wiring for test button (not included)
- Operating temperature rating of -22°F to 122°F (-30°C to 50°C)

Controls

- **Wireless Commissioning:** Convenient commission via iOS or Android devices with NICOR NLC App
- **Emergency Circuit Controller:** One required per Zone. Automatically disables the lighting control configurations and operates the lights at full output when normal building power is interrupted by sending a wireless signal to the lighting controllers
- **Normal Power:** All NLC app configurations operate under normal building power
- **QR Code for Admin/ Guest Control Authority:** The system will automatically generate Admin and Guest QR codes for each zone in the NLC App, by scanning the QR code, a second phone will copy all settings
- **Easy Wiring:** See Installation Guide for wiring instructions

Listings

- UL listing: UL924, UL2043, UL1376, RoHS
- cULus listed emergency lighting
- UL2043 suitable for use in air plenum

Warranty

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

Project

Catalog

Type

Date



NLCEMUL924

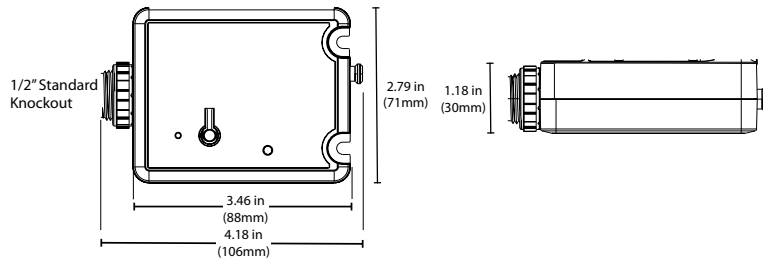
NLC Emergency Lighting Controller

Ordering Information

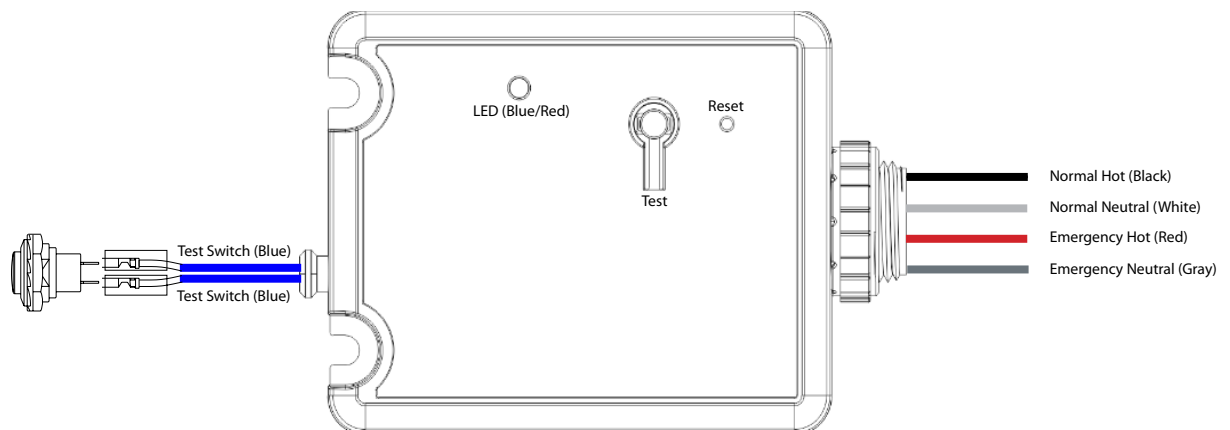
Series	Product	Type
NLC	EM (Emergency Circuit Controller)	UL924

Specifications and dimensions subject to change without notice.

Dimensions



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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.