NLCPPA104SB1

Line Voltage 20A BLE Zone Controller

Project

Catalog

Type

Date

Product Description

The NLCPPA104SB1 Series Bluetooth zone controllers feature a 20A relay for controlling higher capacity loads than standard fixture controllers. The NLCPPA104SB1 incorporates external 0-10VDC plus 12VDC output push-in terminals and a RJ45 port to support Eco-Sensors. The NLCPPA104SB1 supports switching of up to 20A plug loads and 1HP motor loads.

Construction
- IP20
- Color : White
- Housing Material Flame Rating: UL 94-5VA
- UL Plenum Rated

Network Technology
- Bluetooth Low Energy (BLE) 5.0, 2.4 GHz ±75 MHz with mesh networking
- Bluetooth range: up to 200ft (line of sight)
- Commissioned via NICOR NLC app (IOS and Android compatible)
- UL1376 Cyber Security Certification

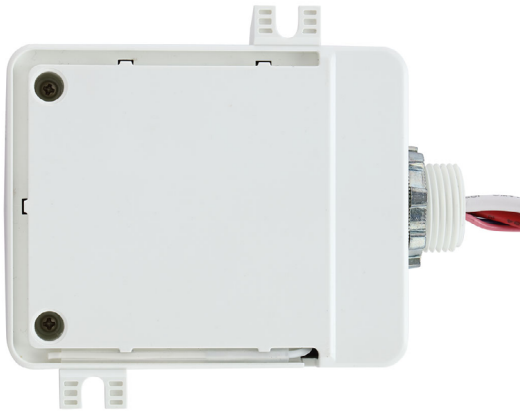
Electrical
- Input voltage: 120-277 VAC, 50/60 Hz
- Input current: 20 A maximum
- Input power: 2,400 W max @ 120 VAC, 5,540 W max @ 277 VAC
- Output voltage: 120-277 VAC
- Output current: 20 A maximum
- Output power: 2,400 W max @ 120 VAC, 5,540 W max @ 277 VAC
- Dimming control: Class 2, 0-10 V dimming
- Sinking current: 48.5 mA
- Operating temperature: -30°C to 55°C (-22°F to 131°F)
- Storage Temperature: -30°C to 85°C (-22°F to 185°F)

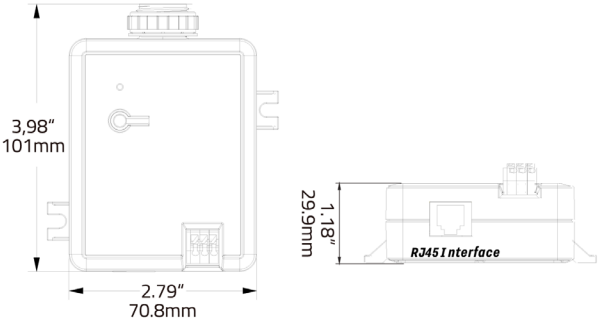
Mounting and installation
- Mounts in 1/2 inch US standard knockout
- Designed for socket/knockout mounting
- Mounting dimensions: R1/2 threaded mount ,14 TPI (threads per inch), 0.825 in major diameter, Fits standard U.S. knockout openings
- Intended for indoor use only

Listings
- cULus Listed
- DLC NLC5
- UL8750 Compliant
- RoHS Compliant
- UL8750
- UL2043 (Plenum Rated)
- TAA Compliant
- Supports T24 Compliance

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





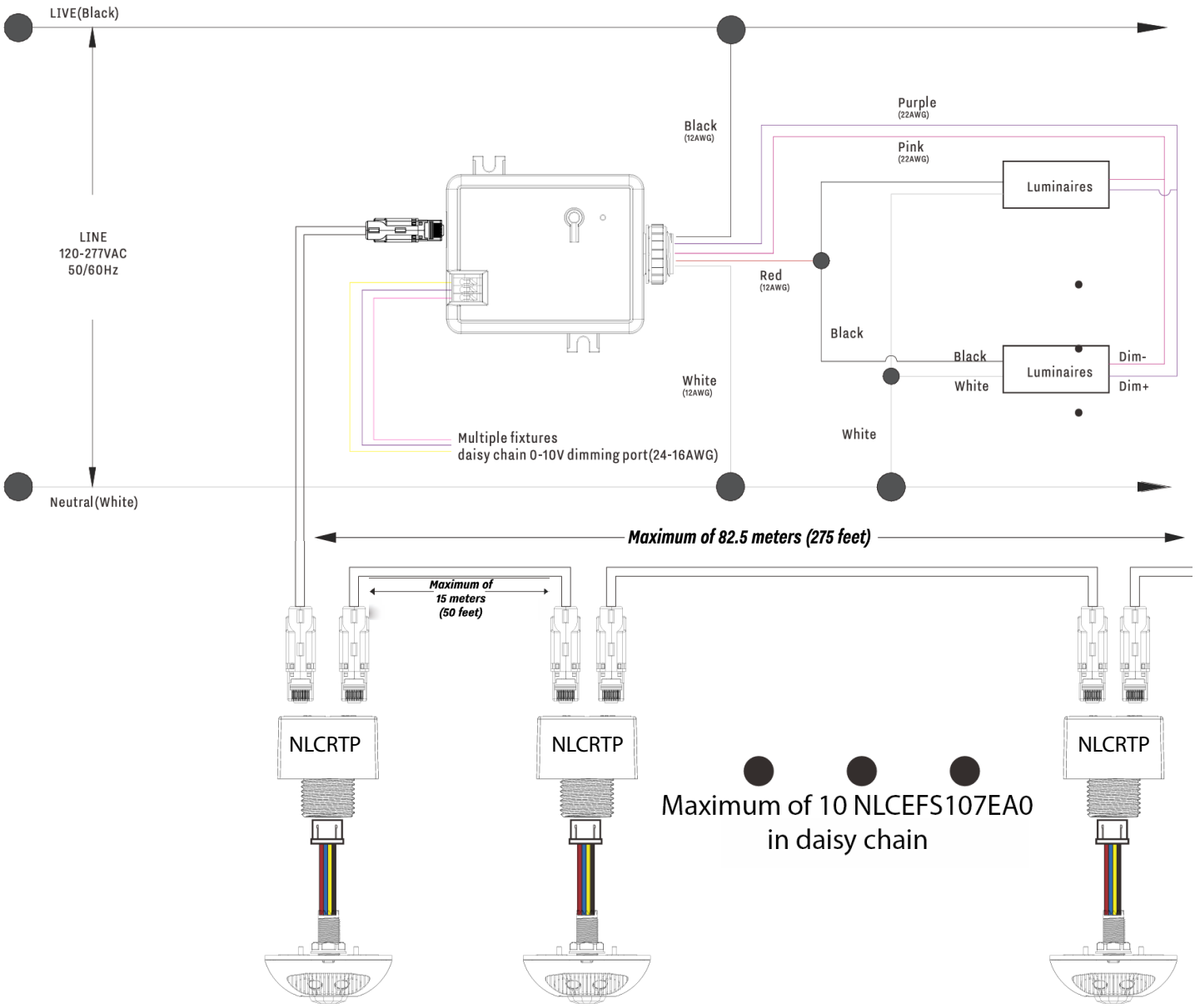


Ordering Information

Part Number	Description
NLCPPA104SB1	**Line Voltage 20A BLE Zone Controller**

Specifications and dimensions subject to change without notice.

Wiring Diagram



Accessories*

**accessories sold separately*

12V Dual-Tech Ceiling Eco Sensor	☐ **NLCEFS107EA0**
Converter from RJ45 to PH2.0 connector.	☐ **NLCRTP**

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.