NLCWP1017SA0

7-Key Line Voltage BLE Wall Switch

Project

Catalog

Type

Date

Product Description

The NLCWP1017SA0 is a 7-button line-voltage Bluetooth switch designed for applications where battery use is not practical. It provides 4 separate scenes, Dim up / Dim down, and ON/OFF functions. It is sized to pair with a Decora wall plate. Setup and commissioning requires the NICOR NLC mobile app (IOS and Android).

Construction

- IP20
- Housing Material Flame Rating: UL 94-5VA
- Color: White plate / Black housing

Network Technology

- Bluetooth Low Energy (BLE) 5.0 2.4GHz ± 75MHz 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

Mounting

- Requires a Decora switch plate (not included).
- Ideal for retrofit applications where existing wall controls are being replaced.
- Neutral conductor required.

Electrical

- Input voltage: 120-277 VAC, 50/60 Hz
- Input power: 0.07 W
- Operating temperature 0°C to 40°C (32°F to 104°F)
- Storage temperature: -30°C to 85°C (-22°F to 185°F)

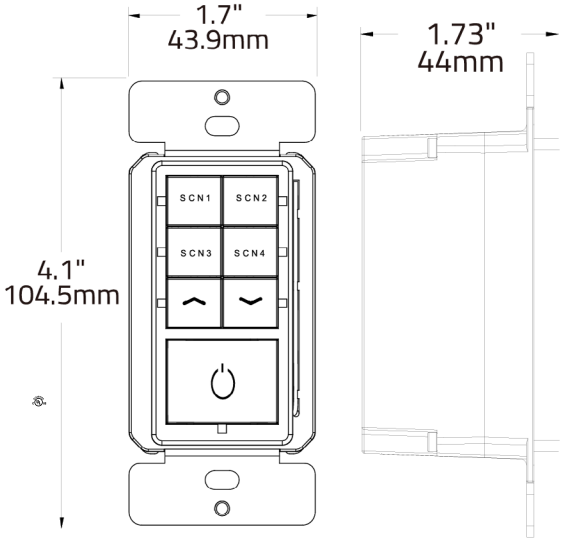
Listings

- UL244A
- UL1376
- RoHS Compliant
- cULus Listed LED Controller
- DLC NLC5

Warranty

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



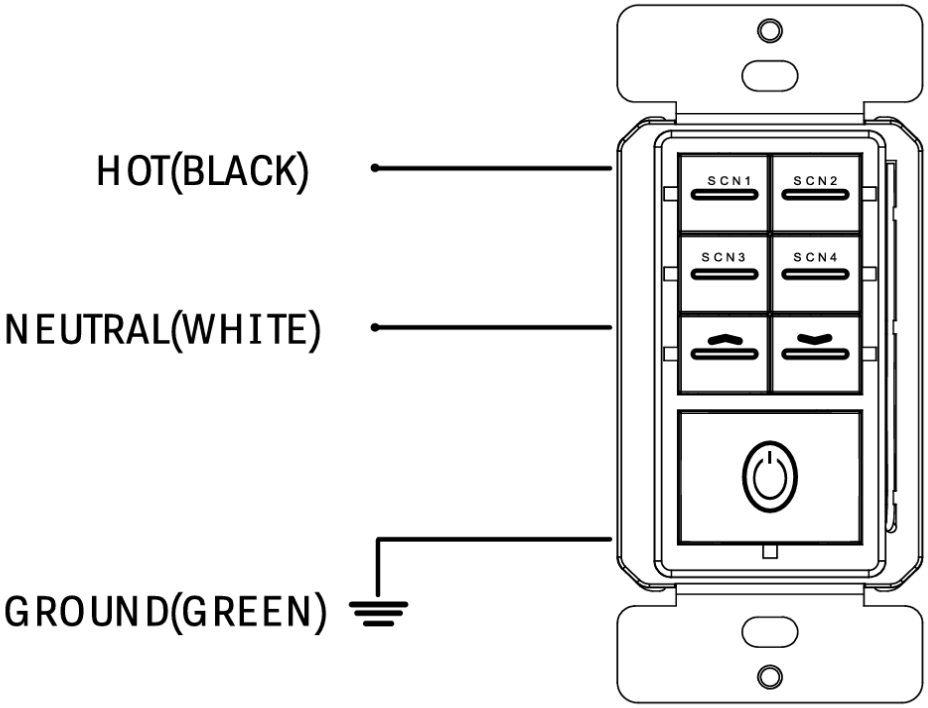


Ordering Information

Part Number	Description
NLCWP1017SA0	**7-Key Line Voltage BLE Wall Switch**

Specifications and dimensions subject to change without notice.

Wiring Diagram



Download the NICOR NLC App

GET IT ON Google Play

Download on the App Store

Scan QR code or click on buttons to download the NICOR NLC App. NICOR NLC App will need access to network and Bluetooth. Accept prompt to allow access to photos for QR codes to be automatically saved in your album.

For more information check our **NICOR NLC Commissioning Guide.**
(https://nicorlighting.com/NLC/NLC%20Commissioning%20Guide.pdf)

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.