



PROJECT

LOCATION



2 or 3-WAY WALL SWITCH

LINE VOLTAGE

OVERVIEW

The Cadence line voltage wall switch provides a simple solution for spaces where switching from one or two locations (i.e., 3-way switching) is required. In particular, this unit provides a companion upstream 3-way switch for Cadence model OCS-823 dimmer for 0-10V lighting loads. The visual style of this single-button toggle switch matches the Cadence family of wall switch occupancy sensors and dimmers.

FEATURES

- Works as Standalone or 3-Way Switch
- Accommodates Neutral (3-Wire) and No-Neutral (2-Wire) Installation
- Electronically Timed (i.e., Zero Cross) Switching Ensures Long Relay Life
- Meets NEC 404.2(c) & 404.22 Guidelines Regarding Powering Over Ground and Current Leakage
- White or Blue Locator LED
- Self-Grounding Mounting Strap
- Modern Look and Intuitive Easy-Tap Button
- Style Matches Other Cadence Wall Devices



SPECIFICATIONS

ELECTRICAL

OPERATING VOLTAGE

120-277 VAC SINGLE PHASE, 50/60 Hz

LOAD RATINGS

MAX: 800W @ 120VAC

1200W @ 277VAC

MIN: None

LOAD TYPES

LED Driver/Lamps

CFL, Electronic/Magnetic Ballasts (Fluorescent)

Tungsten (Incandescent)

ENVIRONMENTAL

OPERATING TEMP

32°F to 122°F (0°C to 50°C) - Standard

-40° F/C (with -HE Option)

RELATIVE HUMIDITY

0-95% Non-Condensing, Indoor Use Only

PHYSICAL

SIZE & WEIGHT

2.74"H x 1.68"W x 1.39"D

(6.96 x 4.27 x 3.53 cm)

Not Including Mounting Strap

< 1" Wallbox Mounting Depth

4.5 oz

MOUNTING

Single Gang Switch Box

ORDERING INFO

SAMPLE MODEL # OCS-821-WH

PRODUCT DESCRIPTION

OCS-821 2 or 3-Way Wall Switch, Line Voltage

COLOR ¹

White
Ivory
Light Almond
Gray
Red
Black

- WH
- IV
- LA
- GY
- RD
- BK

OPTIONS

None
Humid Environment

Blank
- HE

ACCESSORIES

OCS-199 Single Gang Wall Plate
OCS-899-FACE Face Color Change Kit

COLOR

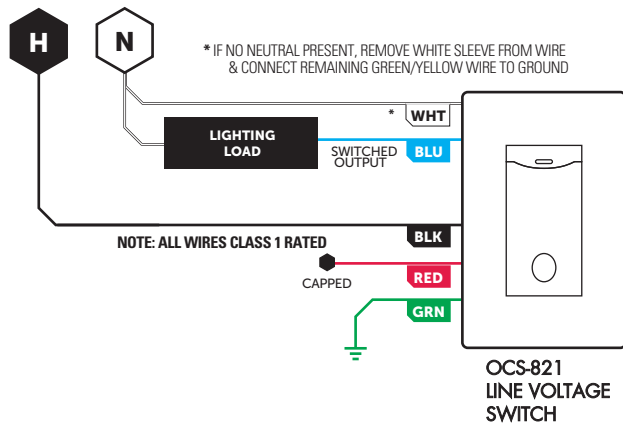
White - WH
Ivory - IV
Light Almond - LA
Gray - GY
Red - RD
Black - BK

NOTE 1: WALLPLATE NOT INCLUDED

WIRING

- Unit works both in installations where Neutral connection is available as well as installations where only Ground connection is present.
- If no neutral is present, remove the white sleeve from the wire & connect the now Green/Yellow wire to Ground.
- Note, either the white wire or green/yellow wire must be connected. The all green wire is just for safety.

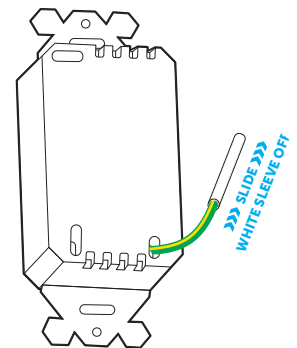
STANDALONE WIRING (i.e., switching from 1 location)



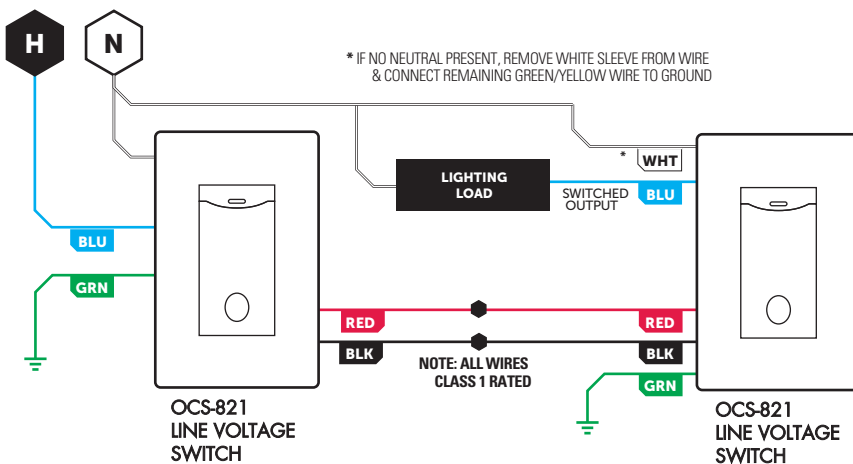
NOTE: This product is UL listed and meets NEC 404.2(c) & 404.22 guidelines regarding powering over ground & current leakage. Powering over ground is permitted for replacement / retrofit only.

NEUTRAL TO GROUND CONVERSION DETAIL

- The white wire has a removable sleeve which reveals a green/yellow wire

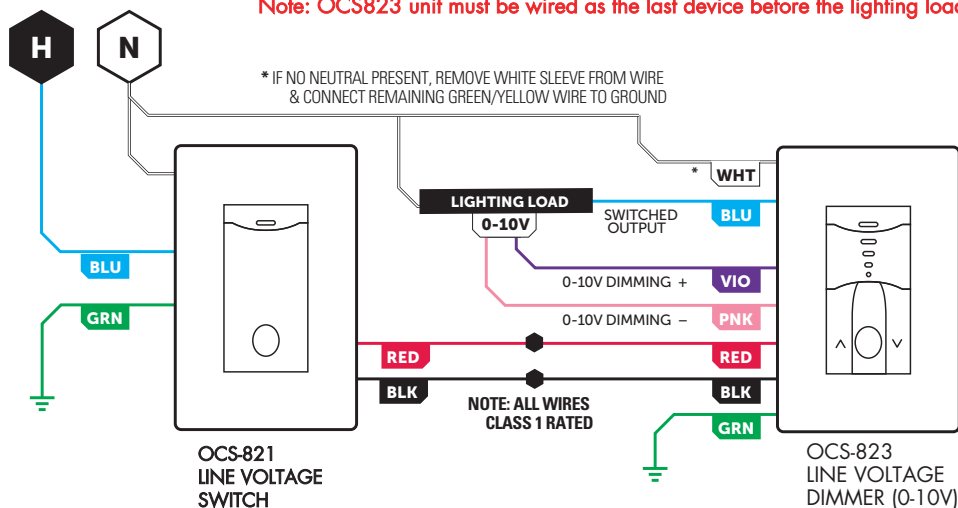


3-WAY WIRING (i.e., switching from 2 locations)



3-WAY WIRING UPSTREAM of an OCS-823 DIMMER

Note: OCS823 unit must be wired as the last device before the lighting load.

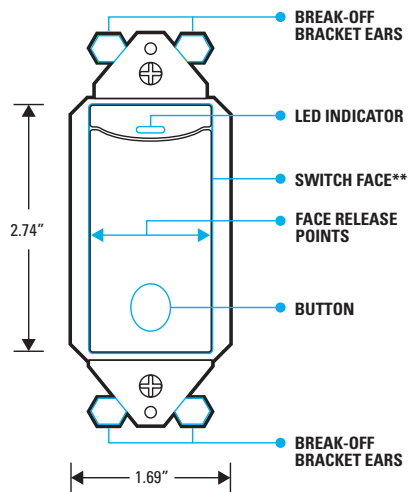


INSTALLATION

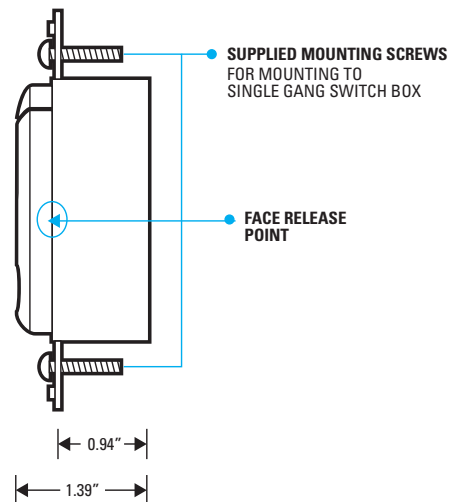
MOUNTING

- Designed to mount in 1-gang wall box with 3.28" hole spacing
- Units also can share multiple gang wall boxes with other devices

FRONT



SIDE



** TO REMOVE SWITCH FACE, SQUEEZE/GRIP AT RELEASE POINTS & PULL FACE UP. CONTACT FACTORY FOR ADDITIONAL COLORS.

OPERATION SETTINGS

LED FUNCTIONALITY

- Blue or white locator LED
- Locator LED can be disabled