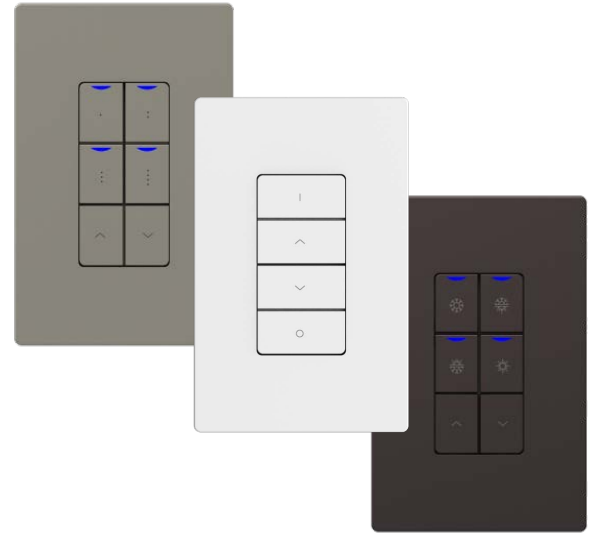


NXSW2 Series

SPECIALTY WALL STATIONS

FEATURES

- Provides out-of-box programming for plug-and-play operation with NX Communication bus
- Device configuration through NX Lighting Controls Mobile App and NX Area Controller
- Clean, unobtrusive & enduring design
- Gang-able with other decorator type devices
- Digitally addressable
- Available in multiple colors
- Five-year limited warranty



SPECIFICATIONS

CONSTRUCTION

- Housing: Rugged injection molded plastic, Polyloc FR-ABS, (UL-94 5VA) flame class rating
- Color: White, Black, Gray, Ivory, Light Almond, Red
- Weight: 2.4oz (68g)
- Dimensions: 4.12" (104.65mm) H x 1.86" (47.24mm) W x 1.72" (43.4mm) D

MOUNTING

- Single-gang NEMA-style switch box (standard switch box - max mounting height: 48")
- Decorator-style wall plate sold separately

MOUNTING (cont.)

*For installation with multi-gang Mud Rings please dry fit NXSW2 prior to installation to verify compatibility

Recommended multi-gang Mud Rings	
Raco 841	Cooper TP496
Raco 8778	Cooper TP488
Raco 780	Steel City 52-C-00
Raco 8781	Orbit 42075
Raco 877	Orbit 42058
Raco 8780SP	Fraser Oaks MR-12E
Cooper TP499	

ELECTRICAL INPUT

- Input Voltage: 12-24VDC supplied by NX Actuator (not included)
- Power Consumption: 15mA
- NX PBU: 2

PROGRAMMING INTERFACE

- NX Lighting Controls Mobile App
- NX Area Controller (NXAC2) for Network Applications

OPERATING ENVIRONMENT

- Rated for Indoor Use Only
- Operating temperature: 32°F to 104°F (0°C to 40°C)
- Relative humidity (non-condensing) 0% to 95%

CERTIFICATIONS

- cULus Listed
- Complies with FCC Part 15

WARRANTY

- 5 year limited warranty
- See website for additional information

ORDERING GUIDE

Example: NXSW2-ORLO-WH

CATALOG #

NXSW2		
Model	Switch Type	Color
NXSW2	OO On/Off	WH White
	ORLO On/Raise/Lower/Off	BK Black
	SS Scene Switch	GY Gray
	CCT Color Control Switch	IV Ivory
		LA Light Almond
		RD Red

*See Pricebook for Made to Stock vs. Made to Order

NXSW2 Series

SPECIALTY WALL STATIONS

ORDERING GUIDE

Cat5 Cable Ordering Guide

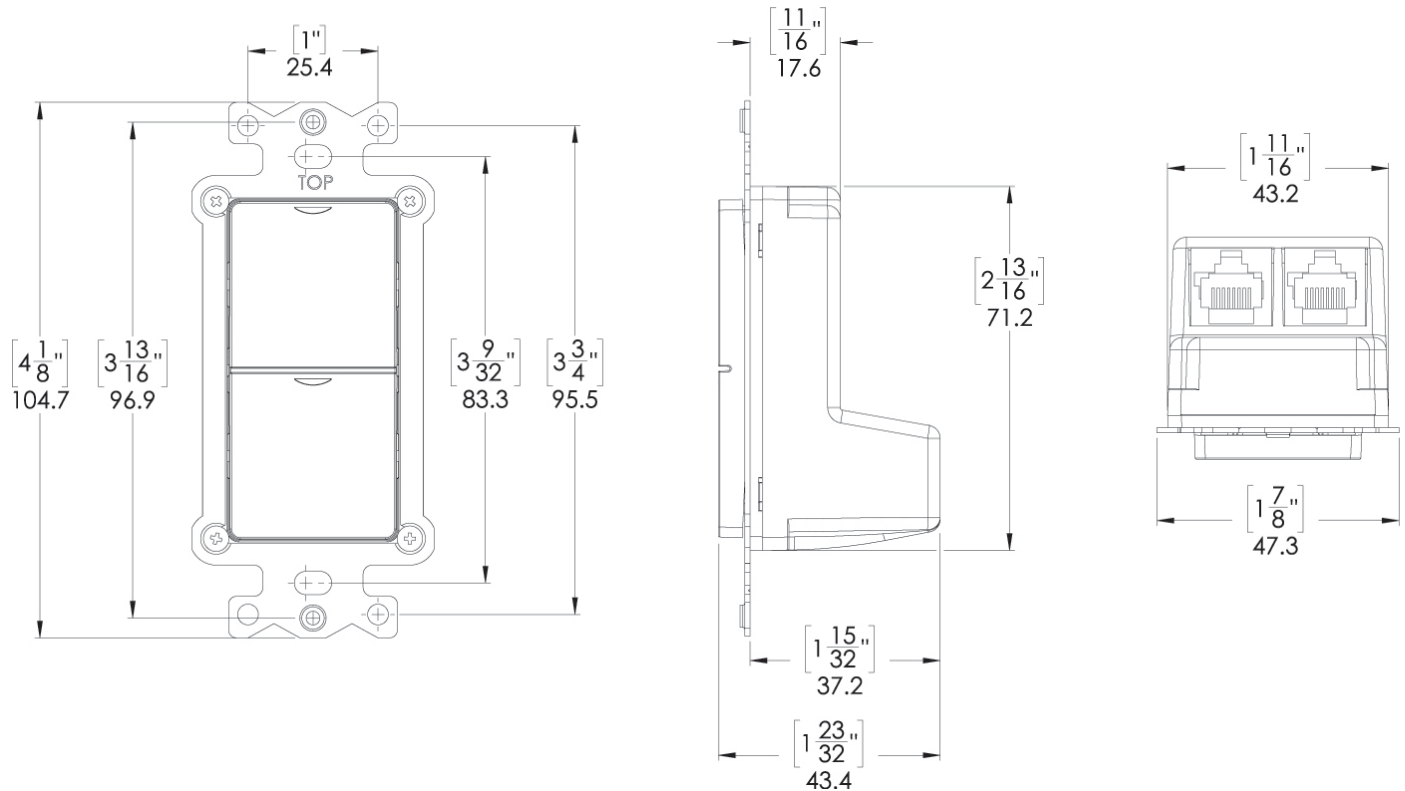
CATALOG #

Model/Description	
CAT5-3IN-OR-PLENUM	CAT5 Cable for NX SmartPORT™ Devices, Plenum Rated, 3in, Orange
CAT5-3F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 3ft, Orange
CAT5-10F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 10ft, Orange
CAT5-25F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 25ft, Orange
CAT5-50F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 50ft, Orange
CAT5-100F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 100ft, Orange



Cat5 Cable

DIMENSIONS







NXSW2 Series

SPECIALTY WALL STATIONS

ADDITIONAL INFORMATION

Model Descriptions

MODEL		TYPE	SETTINGS
NXSW2-ORLO		ON/Raise/Lower/OFF	Default configuration is to control all 16 groups. Use Manual Configuration or the App to limit the controlled groups. The ON button sends group ON to full dimming level. It can be configured to send a dimming level other than full. The OFF button sends group OFF to minimum dimming level. It can be configured to send a dimming level other than minimum.
NXSW2-SS		Scene Switch	Default configuration is to control all relays and dimmers in the connected room or area. The four preset buttons are factory set from 1 to 4 at 100%, 75%, 50%, and 25% dimming level with a 5 second fade time. All these settings can be changed using the App. The raise/lower buttons will increase or decrease the light level of all dimmed loads that are in the ON state. A single firm press and release of the lower button will turn off all lights controlled by the switch.
NXSW2-OO		ON/OFF Switch	Default configuration is to control relays and dimmers in all 16 groups. The ON button sends group ON to full level and the OFF button sends group OFF to minimum light level. Relay control is optional. These buttons cannot be configured for any other operation. Use Manual Configuration or the App to limit the number of groups controlled.
NXSW2-CCT		Color Control Switch	Default configuration is to control all relays and dimmers in the connected room or area. The four preset buttons are factory set from left to right at 6500K, 5200K, 4000K, and 2700K color temp level with a 5 second fade time. All these settings can be changed using the App. The raise/lower buttons will increase or decrease the color temp level of all dimmed loads that are in the ON state.

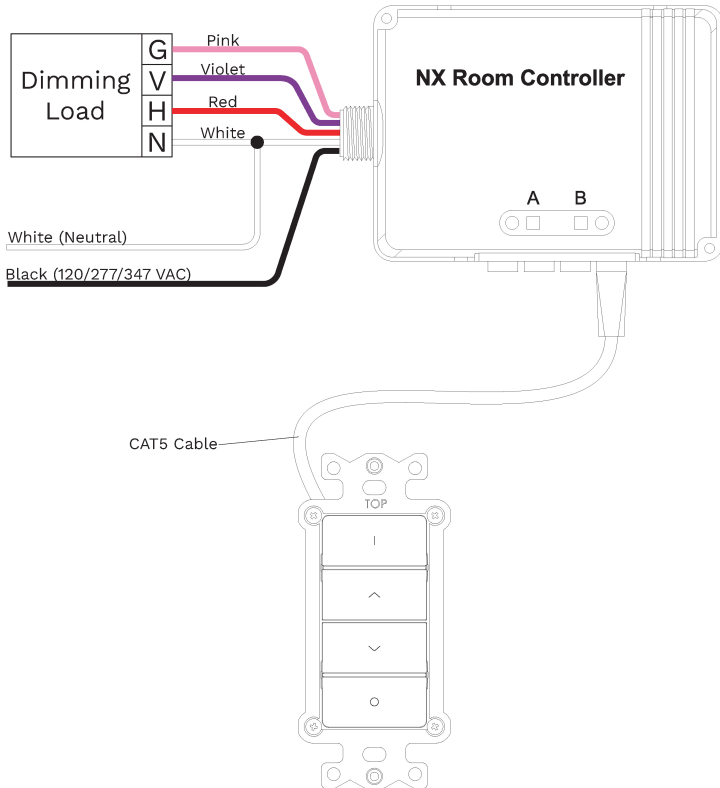
NXSW2 Series

SPECIALTY WALL STATIONS

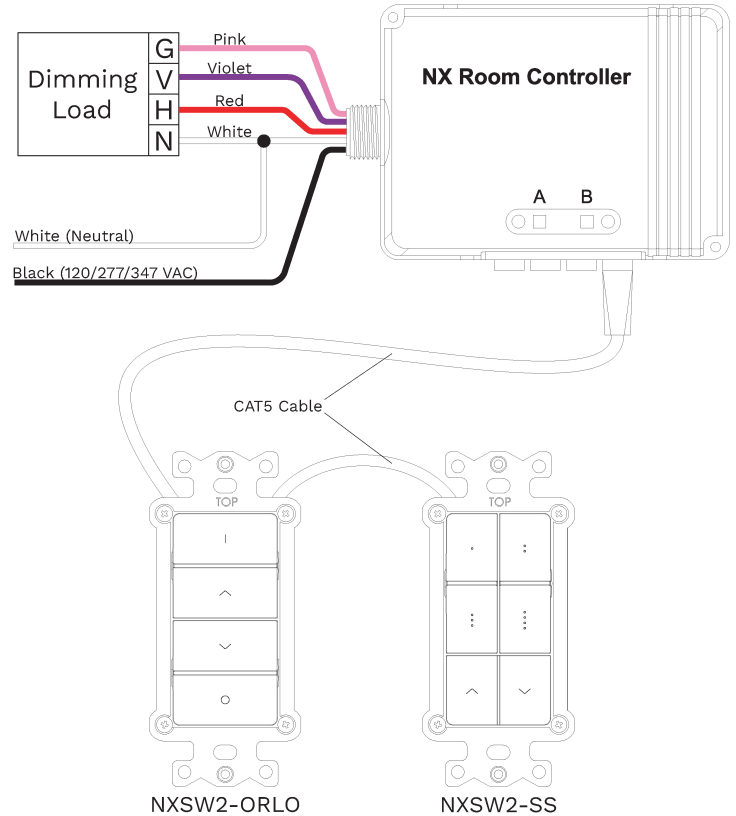
ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	



NXSW2 Wall Station with NX Room Controller



Multiple NXSW2 Wall Stations daisy chained with NX Room Controller

SPECIALTY WALL STATIONS

CH 2 (+)
CH 1 (+)
CH 2 (-)
CH 1 (-)

CTC

0-10V Input
Driver Input

56VDC Max Output

LED Dimming Driver (Constant Current)

Class 2 Driver with Max Current of 2.5Amps

Violet/White (+), (Chromaticity Control)
Pink (-)
Violet (+), (Intensity Control)
Red

Blue

White (Neutral)
Black (120/277/347 VAC)

NXSW2-CCT

NXRCFX2-2RD

A B

For color tuning applications, the highest CCT LED should be on CH1 and the lower CCT LED should be on CH2.

NX_NXSW2_SpecialtySwitch_SpecSheet