NX LIGHTING CONTROLS™

NXSW SERIES
SPECIALTY WALL STATIONS

FEATURES

- Provide out-of-box programming for plug-and-play operation with NX devices

- Remotely configurable via the NX Lighting Controls mobile app or NX Area Controller

- Attractive decorator style housing

- All wall stations mount to standard single or multi-gang wall boxes

- Low voltage 24VDC device powered from standard Cat5 connection

- Available in multiple colors

- Custom buttons for specialty applications

- Five-year limited warranty

BAA   TAA

CONTROL TECHNOLOGY

SpectraSync™
Color Tuning Technology

SPECIFICATIONS

CONSTRUCTION
- Housing - Rugged, high impact, injection molded plastic

- White, Ivory, Light Almond, Gray, Red and Black color options available

- Weight - 1.6oz (45.36g)

- Housing Dimensions - 4.2" L (106.68mm) x 1.6" W (40.64mm) x 1.4" D (35.65mm)

MOUNTING
- Switches can be mounted to Single-Gang Box, Multi-Gang Box or Low Voltage Ring[1]

- NX Wall Stations are compatible with standard decorator style wall plates

ELECTRICAL
- Class 2 Low Voltage 24 VDC

ELECTRICAL (CONTINUED)
- Connection via RJ45 SmartPORTs™ (2)

- Powered by NX SmartPORT using plenum rated Cat5 cables (ordered separately)

- Standby Power (W)
  - 120VAC: 0.1
  - 277VAC: 0.1
  - 347VAC: 0.4

OPERATING ENVIRONMENT
- Rated for Indoor Use Only

- Operating temperature: 32° to 104°F (0° to 40° C)

- Relative humidity (non-condensing): 0 to 95%

CERTIFICATIONS
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions.

WARRANTY
- 5 year limited

Notes:

1   Mounting tabs may trimmed if interference occurs with specialty junction boxes or trim rings

ORDERING GUIDE

Example: NXSWR-OO-WH

CATALOG #

NXSWR   –   –   –

Model		Switch Type		Color		BAA/TAA*	
NXSWR	NX Specialty Switch	OO	On/Off	WH	White	Blank	Standard Product
		ORLO	On/Raise/Lower/Off	IV	Ivory		*See Buy American Solutions to right
		RL	Raise/Lower	LA	Light Almond		
		TO	Timed-On	GY	Gray		
		SS	Scene	BK	Black		
				RD	Red[1]		

*Buy American Solutions	
BAA FAR §52.225-9	**TAA** FAR §52.225-11
NXSWR-SS-WH-U	NXSWR-SS-WH-T
	NXSWR-ORLO-GY-T
NXSWR-ORLO-WH-U	NXSWR-ORLO-IV-T
	NXSWR-ORLO-WH-T

Notes:

1   Special order only please consult factory for lead times and availability

    *Please see Buy American Solutions table above

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NXSW SERIES
SPECIALTY WALL STATIONS

ORDERING GUIDE

Cat5 Cable Ordering Guide

CATALOG #

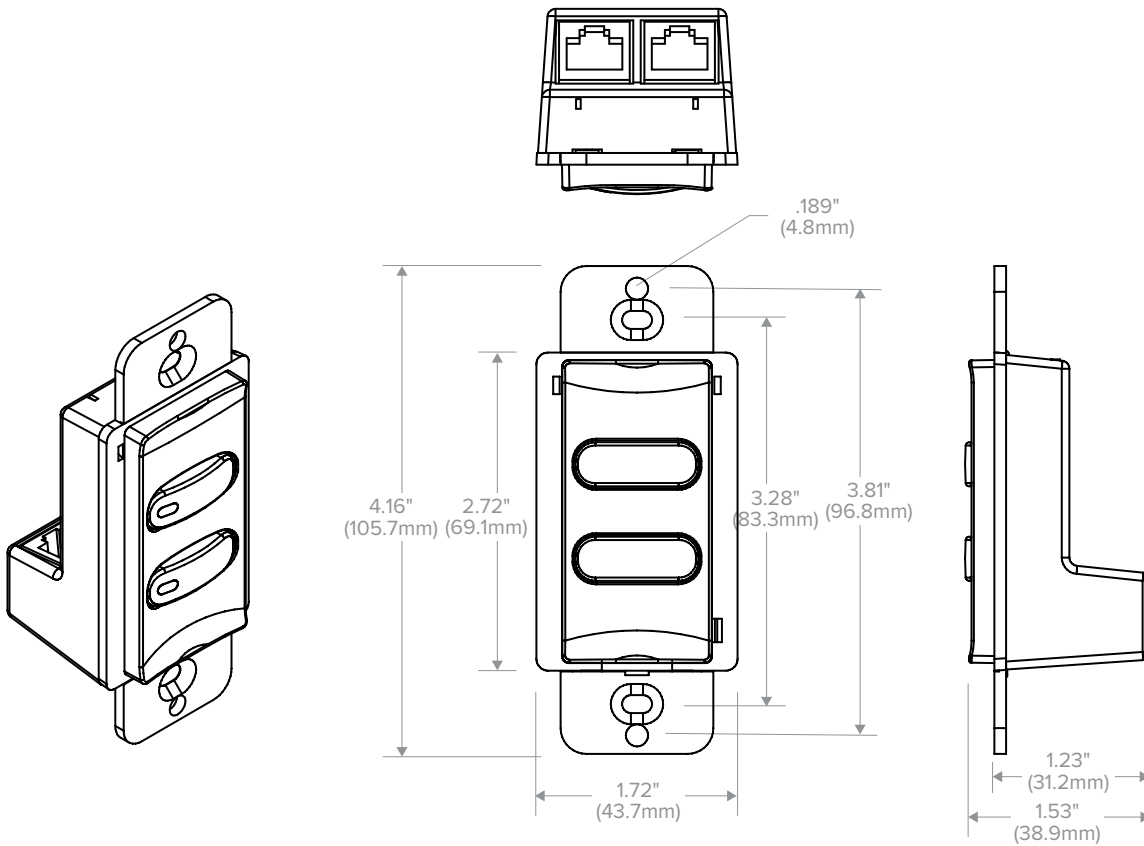| Model/Description	
CAT5-3IN-OR-PLENUM	CAT5 Cable for NX SmartPORT™ Devices, Plenum Rated, 3in, Orange
CAT5-3F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 3ft, Orange
CAT5-10F-OR-PLENUM	CAT5 Cable for NX SmartPORT Devices, Plenum Rated, 10ft, Orange
CAT5-25F-OR-PLENUM	CAT5 Cable for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

.189"
(4.8mm)

4.16"
(105.7mm)

2.72"
(69.1mm)

3.28"
(83.3mm)

3.81"
(96.8mm)

1.72"
(43.7mm)

1.23"
(31.2mm)

1.53"
(38.9mm)

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ADDITIONAL INFORMATION
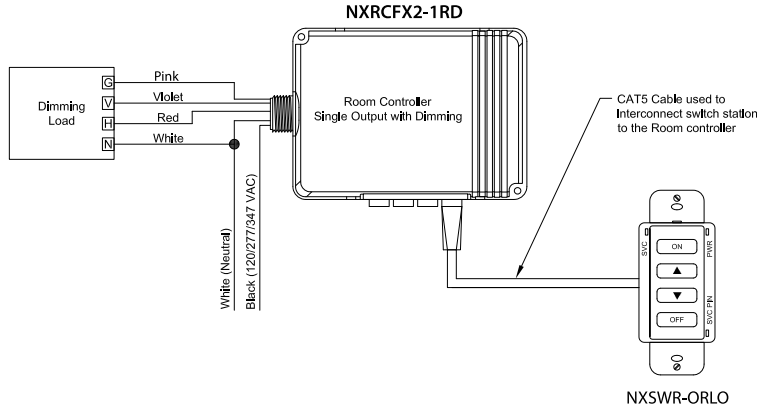
Model Descriptions

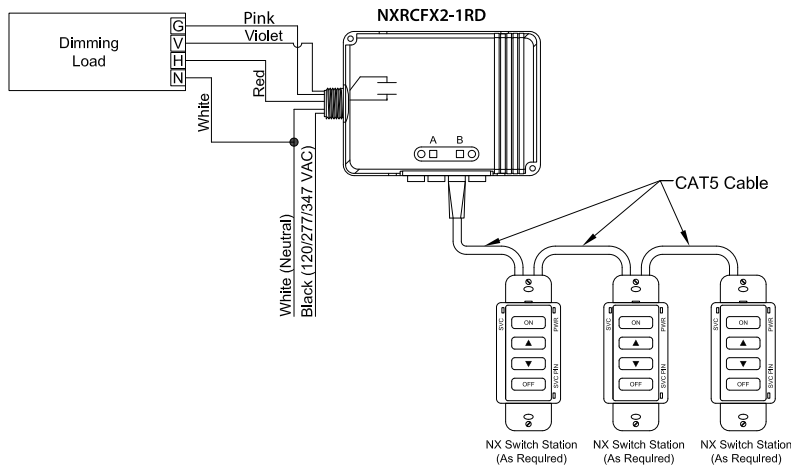| MODEL		TYPE	SETTINGS
NXSWR-ORLO		On/Raise/Lower/Off	Default configuration is to control all 16 groups. Use Manual Configuration or the App to limit the controlled groups. The ON button sends group ON to full dimming level. It can be configured to send a dimming level other than full. The OFF button sends group OFF to minimum dimming level. It can be configured to send a dimming level other than minimum.
NXSWR-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 top to bottom 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.
NXSWR-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.
NXSWR-RL		Dimming Raise/Lower	Default configuration is to control dimmers in all 16 groups. The Raise button increases the level of all dimmable loads that are ON. The Lower button decreases the dimming level. These buttons cannot be configured for any other operation. Use Manual Configuration or the App to limit the number of groups controlled.
NXSWR-TO		Timed On	Default configuration is to control relays and dimmers in all 16 groups. The App allows setting the on time from 1 minute to 255 minutes. Default operation is to turn off at the expiration of the on time. There are settings to allow the relay to be included or excluded from the operation. During the on time period, pressing the button for three seconds cancels the timer and initiates the off.

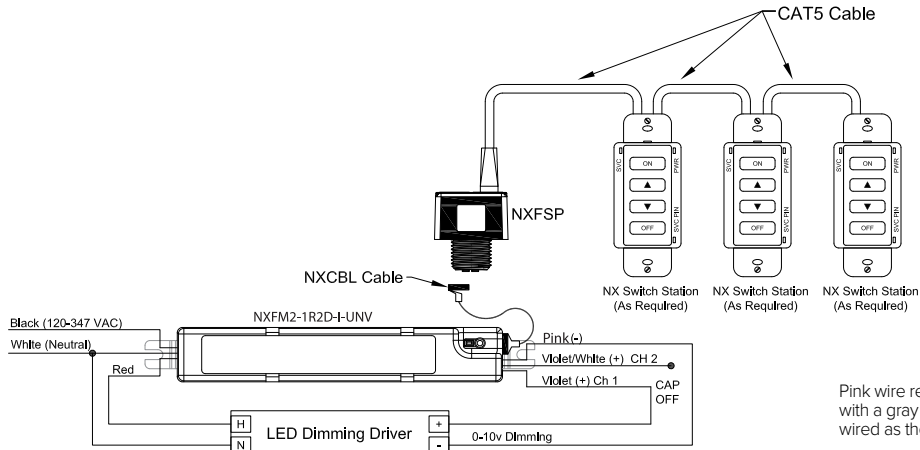## ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams

NXSW WALL STATION WITH NX ROOM CONTROLLER

MULTIPLE NXSW WALL STATIONS DAISY CHAINED WITH NX ROOM CONTROLLER

Pink wire replaces previous gray wire. Units with a gray instead of pink wire should be wired as the pink wire shown in the diagram.

MULTIPLE NXSW WALL STATIONS DAISY CHAINED WITH NX ENABLED LUMINAIRE

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