CX ™ **Commercial Lighting Control Panels**

Project Name

Catalog No.   Date

The Hubbell Control Solutions' programmable wall switch stations provide manual on, off, manual dimming and preset control of a CX panel utilizing the dimming option card, (CXDIMCONTRBD). The CXSW series switches are field programmable to provide a variety of control options. These switch stations are RJ45 enabled to provide the use of a Cat5e/6 cable to connect them directly to the CXDIMCONTRBD card.

The CXSW switch stations can be daisy chained to provide same button functionality. Programming is dependent on control points available per allocated RJ45 port on a dimming card. Six unique control points are available per RJ45 port on a dimming card. Dimming functionality of an individual dimmer can only be manually controlled through a single RJ45 port regardless of how many dimming cards are available. All manual dimming configurations utilize associated raise and lower buttons to be defined during programming.
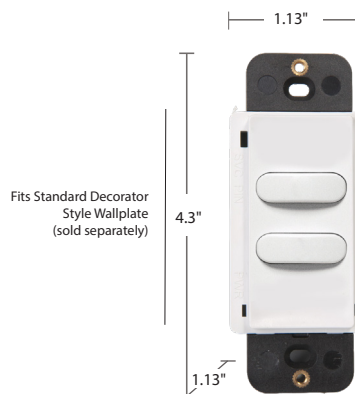
Product Features

- Programmable for a variety of button functions
- Attractive, architecturally-pleasing decorator style design
- Gang-able with other decorator type devices
- Raise/Lower switch provides manual continuous dimming
- Toggle On/Off switch can control dimming or non-dimming loads
- Connect using category cables, 3 inch jumper supplied with each switch
- Use standard decorator wall plates (order separately)
- Five-year limited warranty
- Class 2, low voltage device

Certifications

TITLE 24 COMPLIANCE

UL LISTED ®

Dimensions

1.13"

Fits Standard Decorator Style Wallplate (sold separately)

4.3"

1.13"

Ordering Information

CXSW	—		—	

MODEL		SWITCH TYPE		COLOR	
CXSW	**1**	One Button	**WH**	White
	2	Two Button	**IV**	Ivory
	3	Three Button	**LA**	Light Almond
	4	Four Button	**GY**	Gray
	6	Six Button	**BK**	Black

[1]There can only be 6 Control Points per RJ45 port per dimming card, (A, B, C, D, E, and F)
[2]Dimmer Inputs are configured in the Dimmer Inputs section of programming.
[3]Dimmer channels and Dimmer Inputs must not share the same control point.
[4]A Switch Type is defined as a Switch type, On, Off, Toggle, Preset, Raise and Lower.
[5]Any Control Point can be programmed to be any Switch type, whether dimmer or relay control.
[6]Each Control Point can only have one Switch Type per RJ45 port, whether dimmer or relay control.

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IMPORTANT: CXSW switches connect to the Dimming Controller Option Board, (CXDIMCONTRBRD). These switch stations do not connect to a CX Panel without the dimming card. For additional Information refer to CXSW Installation Guide.

Examples	
1	A 6-button switch station would occupy all 6 control points from the RJ45 port it is connected. Any additional switch stations daisy chained from this or to this 6-button station would function to provide 3-way support functionality.
2	A 4-button and a 2-button switch station connected in a daisy chain fashion from the same RJ45 port but performing separate controls would occupy all 6 control points. Any additional switch stations daisy chained from this or to this 6-button station would function to provide 3-way support functionality.
3	Six 1-button switch stations daisy chained off a single RJ45 port would be able to accommodate 6 unique switch types. Any additional daisy chained switch stations would serve as 3-way buttons to the originally programmed stations.

Typical Configurations

CXSW-1   CXSW-2   CXSW-3   CXSW-4   CXSW-6

General Specifications

Programming	Hidden LEDs indicate button assignment to control line A-F
Power Requirements	Each switch: 10mA @ 30VDC Max
Operating Environment	Indoor use only Operating temperature: 32° to 122°F (0° to 50°C) Relative humidity (non-condensing): 10% to 90%
Construction	Housing – Rugged, high-impact, injection-molded plastic
Dimensions	4.3" L x 1.13" W x 1.13" D
Weight	1.6 oz
Color	White, Ivory, Light Almond, Gray and Black
Mounting	Switches may be mounted individually in a single gang switch box or ganged together in a multi-gang switch box Decorator-style wall plates available separately
Certifications	UL60730-1, CSA E60730-1:15
Warranty	Five-year limited warranty