



CX Series Commercial Lighting Control Panels

Lighting Control Panels 4 and 8 Relays

KEY FEATURES

- Two relay panel sizes – 4 and 8, relay spaces
- Five types of relays – 20A/IP and 20A/2P, NO, NC (14K SCCR) and 30A/P latching (18K SCCR)
- LCD user interface with keypad
- 365 day programming with 64 schedules
- Astronomical and real time clock
- 12 Programmable dry contact inputs for 8 relay panel, 6 for 4 relay panel
- Selectable pre-programmed scenarios
- Programmable inputs accept low voltage switches, photocells, or motion sensors
- Two low voltage dry contact output relays on 8 relay panel
- Program uploads via removable SD memory card
- Listed to UL916 standard and cUL



OVERVIEW

The Hubbell Building Automation CX Commercial Lighting Control Panels provide feature rich and cost effective lighting control for maximum energy savings. The LCD User interface is located in the door and utilized simple and intuitive scrolling menus to program, check status or update the panel. The easy to use Pre-Programmed Scenarios Menu makes project commissioning simple and fast.

The CX Panels can save up to 50% in labor and materials when used in place of conventional time clock and contactor combinations. The use of the astronomical clock instead of roof mounted photocells increases cost savings, lowers maintenance, and improves reliability.

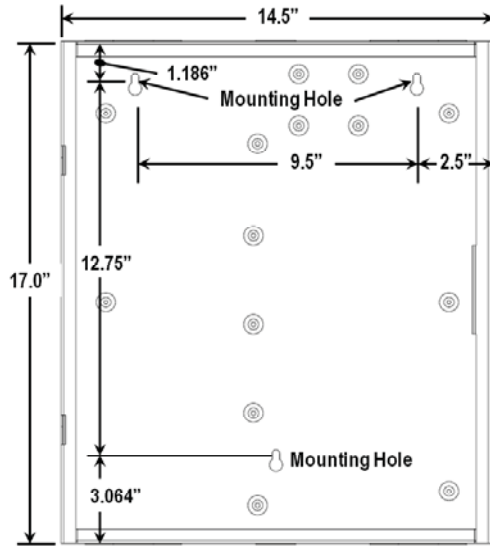
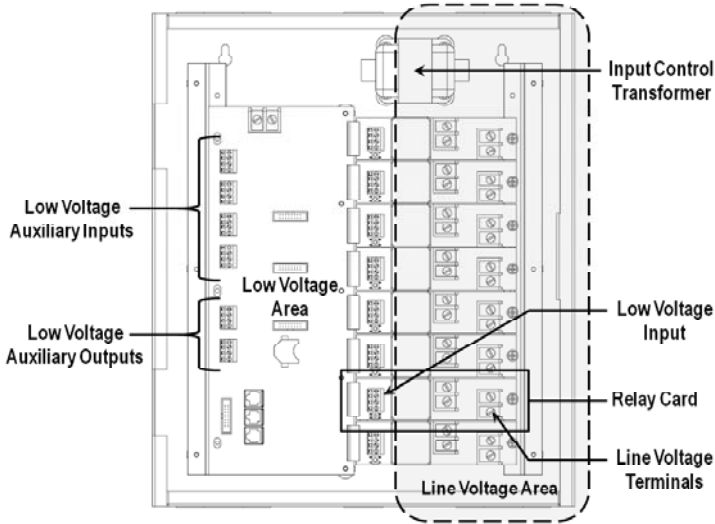
FEATURES and BENEFITS

Features	Benefits
Door mounted LCD graphical user interface	<ul style="list-style-type: none"> • Simple easy-to-understand programming • Panel can be operated with door closed
Five individually board mounted relay types	<ul style="list-style-type: none"> • 1-Pole and 2-Pole fit in the same space • 30A/IP 18K SCCR rated relay optional • Relays can be mixed and can self-identify type
Universal low voltage control inputs	<ul style="list-style-type: none"> • Inputs are software assignable for LV switches, motion sensors & photocells
Selectable pre-programmed scenarios	<ul style="list-style-type: none"> • Allows for simple programming based on user selected indoor & outdoor scenarios • Automatically creates groups and schedules based on simple inputs
Diverse programming capabilities	<ul style="list-style-type: none"> • Real time clock and astronomical clock • 64 Schedules with date range, 32 groups, • 99 Holiday dates, 4 holiday schedules, recurring dates • Open/Close time, after hour sweeps
Program uploads via SD memory card	<ul style="list-style-type: none"> • Simple - Program, Save and Upload • Easy firmware update capability

DIMENSIONAL INFORMATION

Panel Layout and Interior

Panel Dimensions – 17”H x 14.5”W x 4”D



SPECIFICATIONS

Programming and configuration

- Programmable via user interface mounted on door
- Fully programmable by users with door closed and locked

Physical

- NEMA 1 surface enclosure
- Pre-drilled mounting holes for mounting to wall, KOs provided on top and bottom
- 4 and 8 relay enclosures with hinged locking door

Electrical input

- 120/208/240/277VAC Standard, 120/277/347 Optional

Relays

- 120 and 277 VAC 20 Amp Single Pole Relays (14K SCCR)
- 120 and 277 VAC 30 Amp Single Pole Relays (18K SCCR)
- 347 VAC, 20A, IP Relay (14K SCCR)
- 208, 240, and 480 VAC 20 Amp Double Pole Relays (14K SCCR)

Operating environment

- Location: interior space
- Operating temperature: 0°–50° C (32°–112° F)
- Relative humidity (non-condensing): 10%–90%

Certifications

- ETL Certified to UL 916 and cUL

HOW TO ORDER

Catalog Number	Description
CX042S042NN	CX Panel, 4 Relay 120/208/240/277V Input /w 4-20A/IP NO Relays Surf. Stand Alone
CX042S043LN	CX Panel, 4 Relay 120/208/240/277V Input /w 4-30A/IP Latching Relays Surf. Stand Alone
CX042S04TNN	CX Panel, 4 Relay 120/208/240/277V Input /w 4-20A/2P NO Relays Surf. Stand Alone
CX042S00SPN	CX Panel, 4 Relay 120/208/240/277V Input /w Space for Field Install/CXR Relays Surf. Stand Alone
CX043S043LN	CX Panel, 4 Relay 120/277/347V Input /w 4-30A/IP Latching Relays Surf. Stand Alone
CX043S00SPN	CX Panel, 4 Relay 120/277/347V Input /w Space for Field Install/CXR Relays Surf. Stand Alone
CX082S082NM	CX Panel, 8 Relay 120/208/240/277V Input /w 8-20A/IP NO Relays Surf. Master
CX082S083LM	CX Panel, 8 Relay 120/208/240/277V Input w/ 8-30A/IP Latching Relays Surf. Master
CX082S08TNM	CX Panel, 8 Relay 120/208/240/277V Input w/ 8-20A/2P Elect. Held NO Relays Surf. Master
CX082S00SPM	CX Panel, 8 Relay 120/208/240/277V Input w/ Space for Field Install/CXR Relays Surf. Master
CX083S083LM	CX Panel, 8 Relay 120/277/347V Input w/ 8-30A/IP Latching Relays Surf. Master
CX083S00SPM	CX Panel, 8 Relay 120/277/347V Input w/ Space for Field Install/CXR Relays Surf. Master



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