

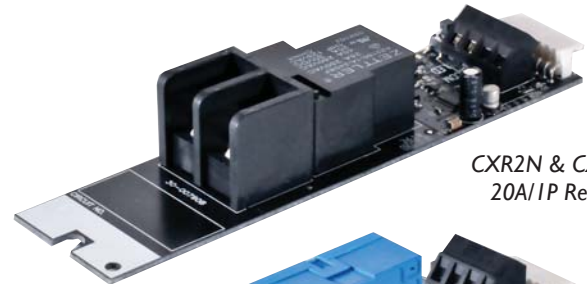


CX Relays

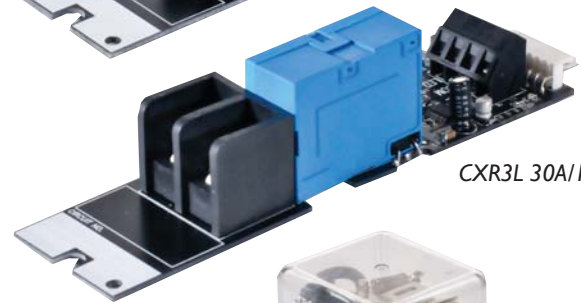
For Use with CX Lighting Control Panels

KEY FEATURES

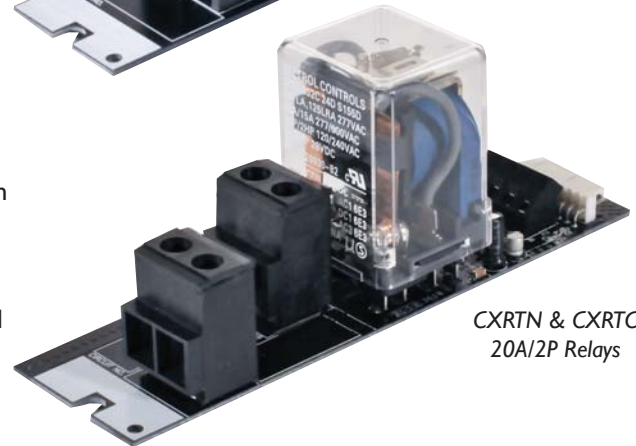
- Relays are mounted to individual relay cards
- Five types of relays – 20A/IP and 20A/2P, NO, NC (14K SCCR) and 30A IP latching (18K SCCR)
- Smart Relay card self-identifies type automatically to Panel
- Each Relay includes 1 programmable input for low voltage switches, photocells, or motion sensors
- Panels are ordered fully populated with the same relay type or with space only for field installation of relay combinations
- Relay cards include a plugging connector to panel mother board and a single screw to secure it to the panel enclosure
- Relay cards include a manual override control button and LED status indication
- Listed to UL916 standard
- Warranty – 2 Years



CXR2N & CXR2C
20A/IP Relays



CXR3L 30A/IP Relay



CXRTN & CXRTC
20A/2P Relays

OVERVIEW

The CX Panels have 5 types of available CXR relays. Each relay is individually board mounted and can be installed in any combination in the panel. Relays are offered in a variety of types and ratings to meet any project requirements. Types include electrically held normally open (NO), electrically held normally closed (NC), and latching. Ratings are 20A/IP, 20A/2P, and 30A/IP. Pre-Configured Panels are available with relays of the same type. Combinations of any relay type must be ordered separately and field installed into Space Only standard panels.

FEATURES and BENEFITS

Features

Door mounted LCD graphical user interface

Five individually board mounted relay types

Universal low voltage control input

Manual control

Diverse programming capabilities

Program uploads via SD memory card

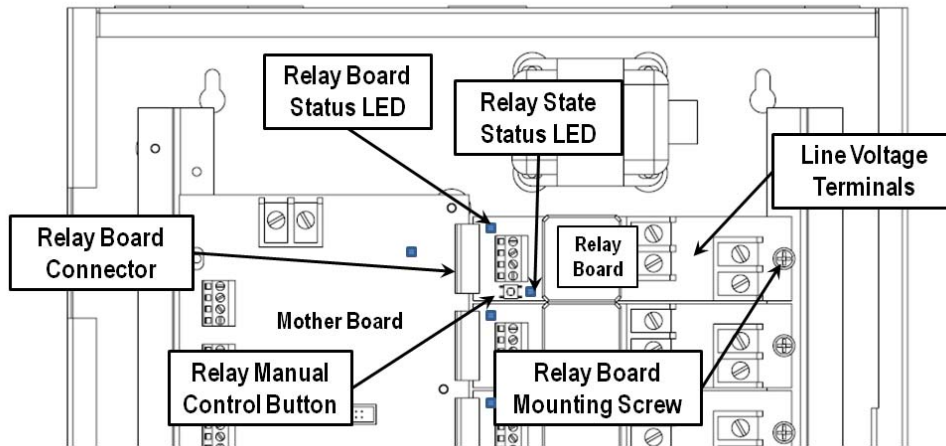
Benefits

- Simple easy to understand programming
- Panel can be operated with door closed
- 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
- One Input on board is software assignable for LV switches, motion sensors & photocells
- On card manual override button and LED status for relay state and communications
- Manual relay control and status are available through the User Interface
- Relays can blink warn of impending OFF
- Selectable power up state
- Can be group or individual relay controlled
- Can be mapped to multiple inputs with priorities and masking
- Simple - Program, Save and Upload
- Easy firmware update capability

DIMENSIONAL INFORMATION

Relay Location and Mounting

Relay Card Dimensions – 5.5”L x 1.625”W



SPECIFICATIONS

Physical

- Mounts inside NEMA 1 surface panel enclosure
- Pre-drilled mounting hole for securing relay cards
- Individual relay cards – 1P and 2P are equal in size

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

Relay Specifications

Characteristics			Load Ratings				SCCR Rating
Type	Poles	VAC	Tungsten	Fluor. Ballest	HID Ballast	Motor Rating	
CXR2N Elect Held, NO	1	120	15A	20A	20A	1 HP	14K Amps
		277	N/A	20A	20A	3/4 HP	
CXR2N Elect Held, NC	1	120	15A	20A	20A	1 HP	14K Amps
		277	N/A	20A	20A	3/4 HP	
CXR3L Latching	1	120	20A	30A	30A	1HP	18K Amps
		277	N/A	30A	30A	N/A	
		347	N/A	20A	20A	N/A	14K Amps
CXRTN Elect Held, NO	2	480	N/A	20A	20A	2 HP	14K Amps
CXR2C Elect Held, NC	2	480	N/A	20A	20A	2 HP	14K Amps

HOW TO ORDER

Catalog Number	Description
CXR2N	CXR Relay, 20A/1P Electrically Held NO, 120/277VAC for use with HBA CX Ltg Control Pnl
CXR3L	CXR Relay, 30A/1P Latching, , 120/277/347VAC for use with HBA CX Ltg Control Pnl
CXRTN	CXR Relay, 20A/2P Electrically Held NO, 480VAC for use with HBA CX Ltg Control Pnl
CXR2C	CXR Relay, 20A/1P Electrically Held NC, 120/277VAC for use with HBA CX Ltg Control Pnl
CXR2C	CXR Relay, 20A/2P Electrically Held NC, 480VAC for use with HBA CX Ltg Control Pnl



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