**NEXLIGHT**

2-WIRE CONTROL SYSTEMS

OVERVIEW

The CRC2180 Relay Controller (8) provides up to 8 uniquely addressed outputs for controlling NexLight HID relays. The controller provides the interface from the communication bus to the signals that operate the relay. It also monitors the ON/OFF status of the relay and provides that information to the NexLight 2-Wire communications bus.

FEATURES

- Sends signal to control all NexLight HID Relays
- Monitors relay positions and provides true-status feedback to 2-Wire Bus
- Each relay controller is addressed using the CRC6400 Address Setting Unit
- Mounts using 2-spaces of Panel Mounting Straps

SPECIFICATIONS

Size:	2.35"H x 3.77"W x 1.96"L (Overall)
	(60mm x 96mm x 50mm)
Weight:	5.33 oz
Mounting:	Panel Mounting Strap
Input Signal:	±24VAC
	2.0 mA
Output Signal:	24VAC
Operating Temp:	14 to 131°F (-10 to 55°C)
Programming:	Via CRC6400

2-WIRE BUS NETWORK

20A HID RELAYS
120/277/480VAC

RELAY ON/OFF CONTROL
Centralized Control for
LED / FLUORESCENT /
INCANDESCENT /
PLUG LOAD / MOTOR /
OTHER LOADS

RELAY CONTROLLER

System Control Unit

Astronomical Time Clock

Digital Switches & Other Input Devices

DIMENSIONS

1.962

2.35

3.765

PROGRAMMING INFORMATION

24VAC COMMON

2-WIRE
DATA TERMINALS

IR
PORT

1
2
3
4
5
6
7
8
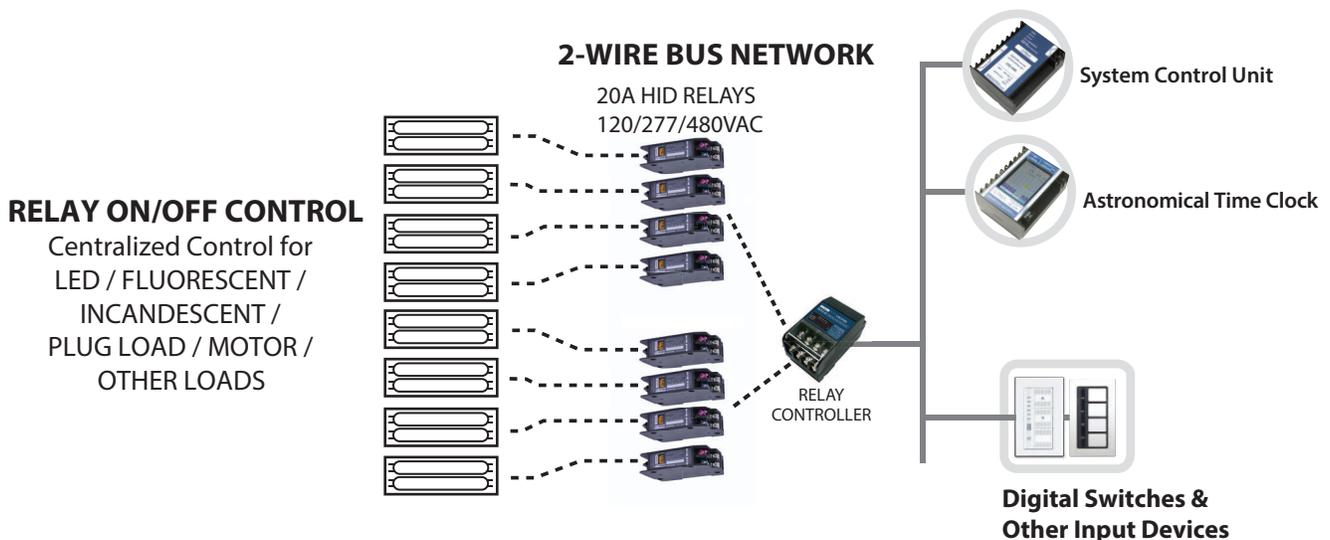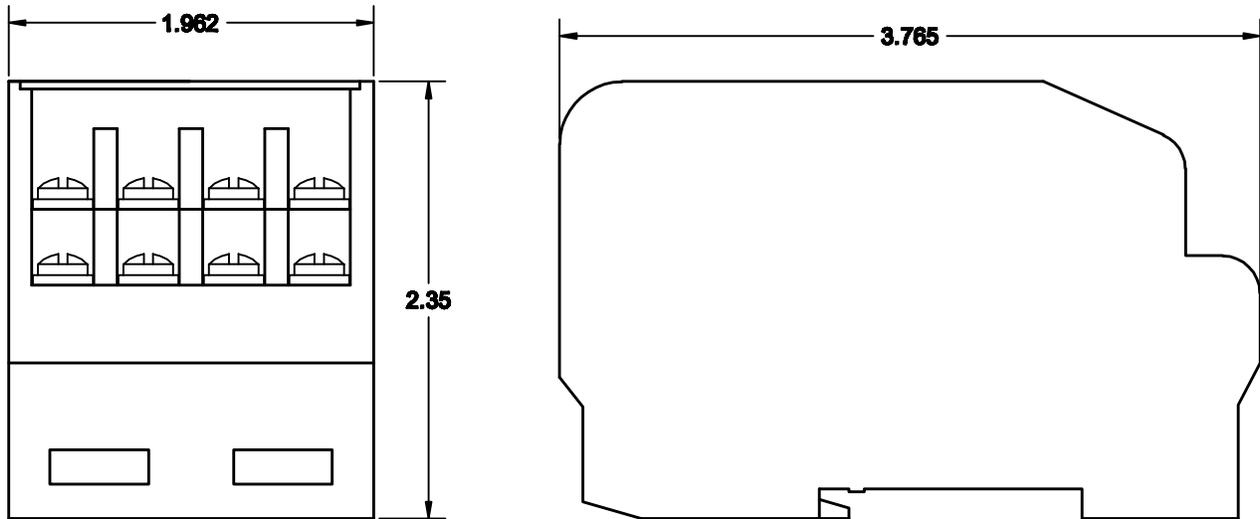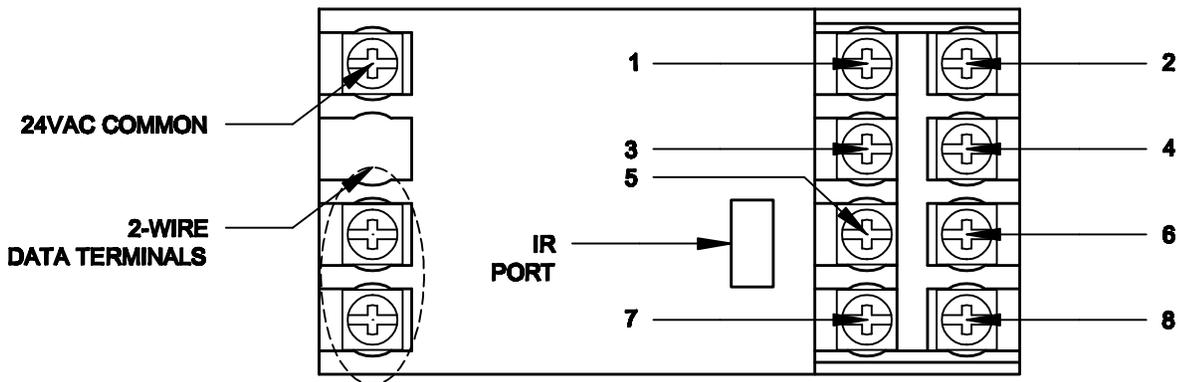
DEVICE TERMINAL MAPPING

1. **Relay One Output (page 1, address 1)**
2. **Relay Two Output (page 1, address 2)**
3. **Relay Three Output (page 1, address 3)**
4. **Relay Four Output (page 1, address 4)**
5. **Relay Five Output (page 2, address 5)**
6. **Relay Six Output (page 2, address 6)**
7. **Relay Seven Output (page 2, address 7)**
8. **Relay Eight Output (page 2, address 8)**

NOTE: Must read out/send in each page individually

Relay Address 1-4 on page 1 of programmer

RELAY T/U CLARUS

1 IND 63-1
2
3
4

1 2 3 4 5
6 7 8 9 0

RX OPT DEL TX
1/1 INC

EASYCON E/F2-BUS

Button for reading out programming information

Relay Address 5-8 on page 2 of programmer

RELAY T/U CLARUS

5
6
7
8

ON OFF

30s 1m 5m 60m 120m

RX OPT DEL TX
2/4 INC

EASYCON E/F2-BUS

Button for sending in programming information
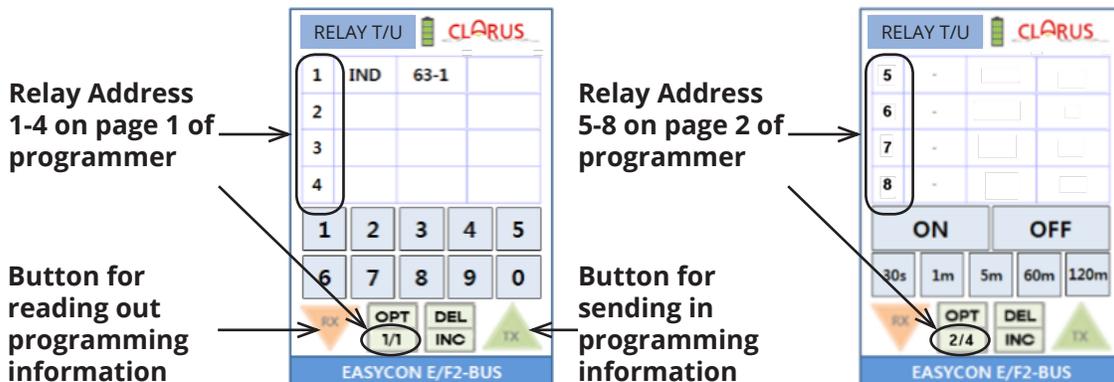
NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE