

## OPTIMA SWITCH SERIES



**CRC3011**



**CRC3012**



**CRC3013**



**CRC3014**



**CRC3411**

### OVERVIEW

The Optima Series of wall switches provides user input to the 2-Wire System via simple push button interface for system control. There are one, two, three, and four button versions available as well as a dimmer style version. One, two, and three gang wall plates are available to create any button configuration required.

### FEATURES

- Obtains power and communicates with other components using 2-Wire™ bus
- Multiple switches with same address can track and control same load
- ON/OFF status of the load is indicated via red (ON) or green (OFF)
- Switches and wall plates are plastic with white finish

### SPECIFICATIONS

|                     |                      |
|---------------------|----------------------|
| Input Signal:       | ±24VAC               |
| Current Draw:       | CRC3011 4.4 mA       |
|                     | CRC3012 5.6 mA       |
|                     | CRC3013 6.8 mA       |
|                     | CRC3014 8.0 mA       |
|                     | CRC3411 10 mA        |
| Programming:        | Via CRC6400          |
| Temperature Rating: | 0°-40°C (32° -104°F) |

### ORDERING INFORMATION

| Part Number | Description                |
|-------------|----------------------------|
| CRC3011     | Optima Switch (1)          |
| CRC3012     | Optima Switch (2)          |
| CRC3013     | Optima Switch (3)          |
| CRC3014     | Optima Switch (4)          |
| CRC3411     | Optima Dimmer Switch       |
| CRC9011     | Optima 1 Gang Switch Plate |
| CRC9012     | Optima 2 Gang Switch Plate |
| CRC9013     | Optima 3 Gang Switch Plate |

# 2-Wire Network

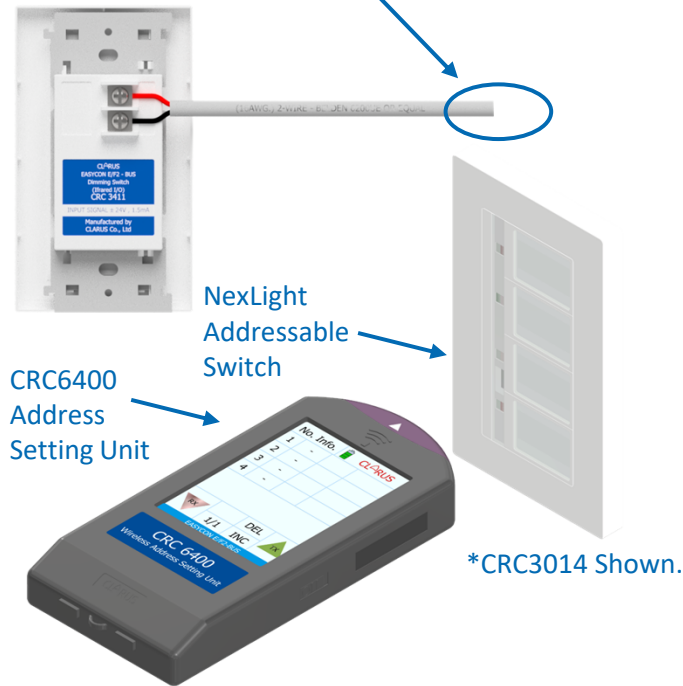
## LOW VOLTAGE ADDRESSABLE SWITCHES

Data Bus to anywhere on the NexLight System  
2-Wire (16AWG) Belden 6200UE or Equal



- Top Button: Individual Address
- 2nd Button: Group Address
- 3rd Button: Scene Address
- Bottom Button: Scene Address

\*The desired button order may be achieved by assigning the appropriate addresses to the corresponding channels.



## APPLICATION OVERVIEW

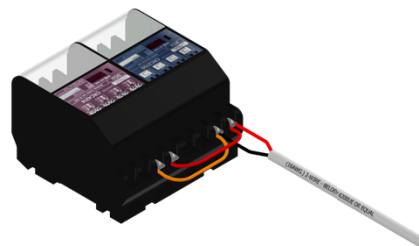
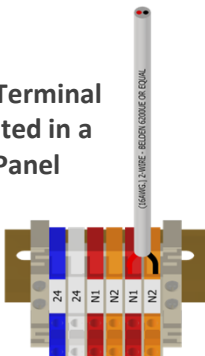
The NexLight Lighting Control System features fully addressable switches that provide the flexibility to control any addresses on the 2-Wire Data Bus. Addresses created within the Graphic User Interface (GUI) are assigned to the switches using the CRC6400 Address Setting Unit. The available address types include Individual (IND), Group (GRP) & Scene (SCN). No supplementary power supply is required for control power, the only connection needed is to the NexLight 2-Wire Data Bus. Switches come in 1, 2, 3, 4, or Dimmer Configurations. Real time adjustments for manually adjusting light levels require a Low Voltage Dimmer Switch configuration.

## APPLICATION HIGHLIGHTS

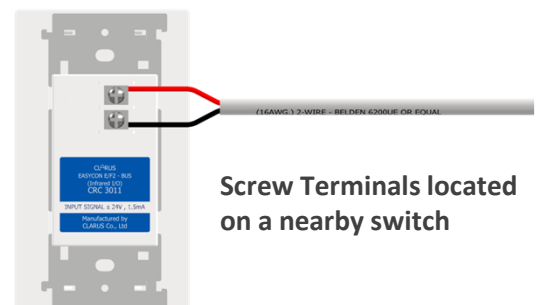
- Use with R Series, D Series, DMX Series or a Custom Main Panel.
- Simple User Level control of NexLight System using a Low Voltage 2-Wire connection.

## TYPICAL DATA BUS CONNECTIONS

Data Bus Terminal Block located in a NexLight Panel



Screw Terminals located on Panel devices



Screw Terminals located on a nearby switch