

# CLXI-2DIMFLV8

## 0-10 Volt 8 Channel Dimmer Module, 2 Feeds, 230V

- > 8 channels of 0-10 Volt dimming control for fluorescent ballasts and LED drivers
- > Two independent 4-channel dimmers in a single module
- > Dual or single 230 Volt feed
- > Arcless switching
- > Air-gap relays on every channel output
- > Override preset capability
- > Convection cooled
- > Occupies 1 module space in a CAEN or CAENIB automation enclosure
- > Easy termination using CLTI Series terminal block
- > CEC Title 24 2013 Compliant

As part of a complete Crestron® lighting system, the CLXI-2DIMFLV8 lighting control module provides 8 channels of 0-10 Volt dimming control for fluorescent ballasts and LED drivers. The CLXI-2DIMFLV8 is actually composed of two independent 4-channel dimmers in a single module. Each channel is rated for 20 Amps, with a total module rating of 40 Amps when fed from two separate 20 Amp feeds. Air-gap relays are provided on every channel output, allowing individual circuits to be serviced without disabling the entire module.

CLXI Series dimmers are rigorously built for ultimate reliability. Split-bobbin transformers and ground referenced electronics deliver superior performance. Lamp flicker is minimized through Crestron's innovative zero-crossing detection technique backed by proprietary firmware. Low-maintenance convection cooling assures quiet and trouble-free operation.

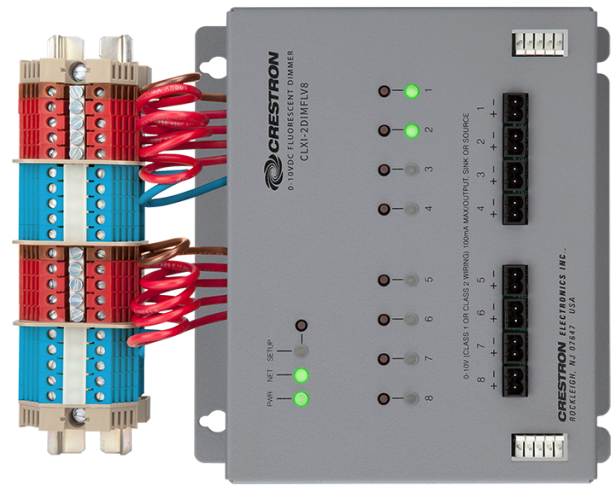
An override feature allows each channel to be adjusted to a preset state during setup. In the event that Cresnet® communications should be disrupted for any reason, a simple contact closure can be used to activate the override presets on a global or semi-global basis.

The CLXI-2DIMFLV8 occupies a single module space in any CAEN or CAENIB automation enclosure. Termination of high-voltage wiring to the module is facilitated by a CLTI-2DIMFLV8 terminal block, sold separately to enable termination of the wiring any time prior to installing the module. CLXI modules are controlled by the CLX-DIN-AP3 or other 3-Series® control system via the Cresnet network. A 5-wire link provides bussing of the Cresnet and override signals between modules within an enclosure (interconnect jumpers included).

## SPECIFICATIONS

### Load Ratings

**Dimmer Channels:** 8  
**Per Channel:** 20 Amps  
**Per Group:** Channels 1-4: 20 Amps;  
Channels 5-8: 20 Amps  
**Module Total:** 40 Amps  
**Load Types:** 0-10 Volt fluorescent ballast or LED driver (4-wire)



Shown with CLTI series terminal block (sold separately) positioned on left side.

### Power Requirements

220-240 Volts AC, 50/60 Hz, line power

### Connectors on Module

**Module Interconnect:** (2) 5-pin 0.156 inch headers; Cresnet/Override interconnect ports; Each connects to a CAEN-BLOCK or the adjacent CLXI-Series module using the interconnect cable provided

### Connections via CLTI Terminal Block (sold separately)

**LINE 1 - 2:** (2) DIN rail terminal blocks, brown, line power inputs  
**DIM 1 - 8:** (8) DIN rail terminal blocks, red, channel outputs  
**N IN 1 - 2:** (2) DIN rail terminal blocks, blue, line input neutrals  
**N OUT 1 - 8:** (8) DIN rail terminal blocks, blue, channel output neutrals

### Buttons

**SETUP:** (1) Pushbutton, for manual channel activation and TSID

### LED Indicators

**PWR:** (1) Green LED, indicates line power is applied to the LINE 1 terminal  
**NET:** (1) Yellow LED, indicates communication with the control system  
**1 - 8:** (8) Red LEDs, each indicates the state of the corresponding channel  
**SETUP:** (1) Red LED, indicates unit is in setup/manual mode

### Environmental

**Temperature:** 32° to 104° F (0° to 40° C)  
**Humidity:** 10% to 90% RH (non-condensing)  
**Heat Dissipation:** 45 BTU/hr

# CLXI-2DIMFLV8 0-10 Volt 8 Channel Dimmer Module, 2 Feeds, 230V

## Enclosure

Gray metal, surface mount module with (2) integral mounting flanges;  
Occupies 1 module space in any CAEN or CAENIB enclosure

## Dimensions

Height: 6.92 in (176 mm)  
Width: 6.70 in (153 mm)  
Depth: 3.32 in (84 mm)

## Weight

3.15 lbs (1.43 kg)

## Standards & Certifications

UL Listed, CEC Title 24 2013 Compliant

## MODELS & ACCESSORIES

### Available Models

CLXI-2DIMFLV8: 0-10V 8 Channel Dimmer Module, 2 Feeds, 230V

### Available Accessories

CLTI-2DIMFLV8: Terminal Block for CLXI-2DIMFLV8

CAEN: Automation Enclosure

CAENIB: Automation Enclosures – International Versions, 230V

CLXI-2IND: 2 Channel Inductor Module, 230V

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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## CAD DRAWINGS

