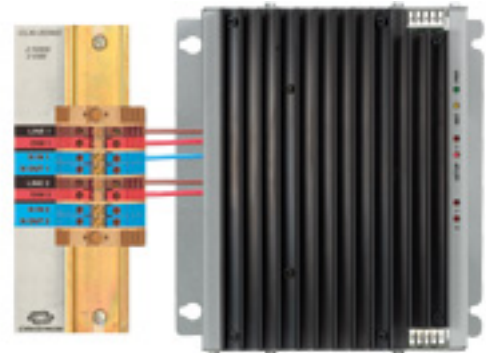




CLXI-2DIM2

2 feed, 2 Channel Dimmer Module -
International Version

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CLXI-2DIM2 SHOWN WITH
CLTI-2DIM2 TERMINATION BLOCK

Product Description

As part of a complete Crestron lighting system, the CLXI-2DIM2 lighting control module provides 2 independent channels of dimming for 230V incandescent, magnetic low-voltage, neon/cold cathode, and dimmable 2-wire fluorescent loads. Each channel is rated for 2300 Watts, with a total module rating of 4600 Watts when fed from two separate 16 Amp feeds. Air-gap relays are provided on each channel output allowing an individual circuit to be serviced without disabling the entire module.

CLXI-Series dimmers are rigorously built using 40 Amp triacs and oversized heat sinks 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 contact closure can be used to activate all system channel presets on a global or semi-global basis.

The CLXI-2DIM2 occupies a single module space in any **CAEN** automation enclosure. Termination of high-voltage wiring to the module is facilitated by a **CLTI-2DIM2** terminal block (sold separately). All CLXI modules are controlled by the **PAC2** professional automation 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).

Product Resources

[Manual \(PDF\)](#)

[Cad Files \(ZIP\)](#)

Technical Specifications

Load Ratings

Per Channel	10 Amps (2300 Watts)
Module Total	20 Amps (4600 Watts)
Load Types	Incandescent, Magnetic Low-voltage, Neon/Cold Cathode, Dimmable 2-Wire Fluorescent

Power Requirements

2X 16 Amps @ 230 Volts AC, 50Hz, single-phase;
Feeds must be same phase or split phase

Connectors on Module

Module Interconnect	(2) 5-pin 0.156 inch headers; (2) Cresnet/Override interconnect ports; Connect to PAC2 , CAEN-BLOCK , or adjacent CLX-Series module using interconnect cable provided
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Connections via CLT Terminal Block (sold separately)

LINE 1 - 2	(2) DIN rail terminal blocks, black; Line inputs from 16A feed(s); Must be same phase or split phase
DIM 1 - 2	(2) DIN rail terminal blocks, red; Channel outputs 1-2
N IN 1 - 2	(2) DIN rail terminal blocks, white; Line input neutrals
N OUT 1 - 2	(2) DIN rail terminal blocks, white; Channel output neutrals 1-2

Buttons

SETUP	Used for manual channel activation and TSID
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LED Indicators

PWR	(green) Indicates 230V AC power is applied to the LINE terminal
NET	(yellow) Indicates communication with the control system
1 - 2	(2x red) Indicates state of each channel
SETUP	(red) Indicates unit is in setup/manual mode

Environmental

Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (non-condensing)

Enclosure

Gray metal with black heat sink, surface mount box with (2) integral mounting flanges;
Occupies 1 module space in any CAEN enclosure

Dimensions

Height	7.375 in (18.73 cm)
Width	6.875 in (17.46 cm)
Depth	3.0 in (7.62 cm)

Weight

3.00 lb (1.36 kg)

REQUIRED ACCESSORIES

CAEN	Automation Enclosures
CLTI-2DIM2	Terminal Block

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