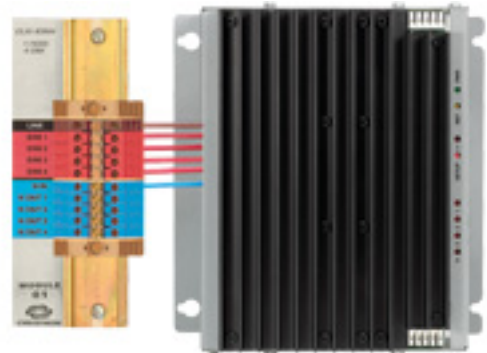




## CLXI-1DIM4

1 Feed, 4 Channel Dimmer Module -  
International Version

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CLXI-1DIM4 SHOWN WITH  
CLTI-1DIM4 TERMINATION BLOCK

### Product Description

As part of a complete Crestron lighting system, the CLXI-1DIM4 lighting control module provides 4 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 2990 Watts. 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 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-1DIM4 occupies a single module space in any **CAEN** automation enclosure. Termination of high-voltage wiring to the module is facilitated by a **CLTI-1DIM4** 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

<b>Per Channel</b>	10 Amps (2300 Watts)
<b>Module Total</b>	13 Amps (2990 Watts)
<b>Load Types</b>	Incandescent, Magnetic Low-voltage, Neon/Cold Cathode, Dimmable 2-Wire Fluorescent

### Power Requirements

16 Amps @ 230 Volts AC, 50Hz, single-phase

### Connectors on Module

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

<b>LINE</b>	(1) DIN rail terminal block, black; Line input from 16A feed
<b>DIM 1 - 4</b>	(4) DIN rail terminal blocks, red; Channel outputs 1-4
<b>N IN</b>	(1) DIN rail terminal block, white; Line input neutral
<b>N OUT 1 - 4</b>	(4) DIN rail terminal blocks, white; Channel output neutrals 1-4

### Buttons

<b>SETUP</b>	Used for manual channel activation and TSID
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### LED Indicators

<b>PWR</b>	(green) Indicates 230V AC power is applied to the LINE terminal
<b>NET</b>	(yellow) Indicates communication with the control system
<b>1 - 4</b>	(4x red) Indicates state of each channel
<b>SETUP</b>	(red) Indicates unit is in setup/manual mode

### Environmental

<b>Temperature</b>	32° to 104°F (0° to 40°C)
<b>Humidity</b>	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

<b>Height</b>	7.375 in (18.73 cm)
<b>Width</b>	6.875 in (17.46 cm)
<b>Depth</b>	3.0 in (7.62 cm)

#### Weight

3.00 lb (1.36 kg)

#### REQUIRED ACCESSORIES

<b>CAEN</b>	Automation Enclosures
<b>CLTI-1DIM4</b>	Terminal Block

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faircom media GmbH • Biggestr.43 • D-57462 Olpe  
Tel.: +49 (0) 2761 8396 0 • Fax: +49 (0) 2761 8396 70  
info@faircom-media.de • [www.faircom-media.de](http://www.faircom-media.de)