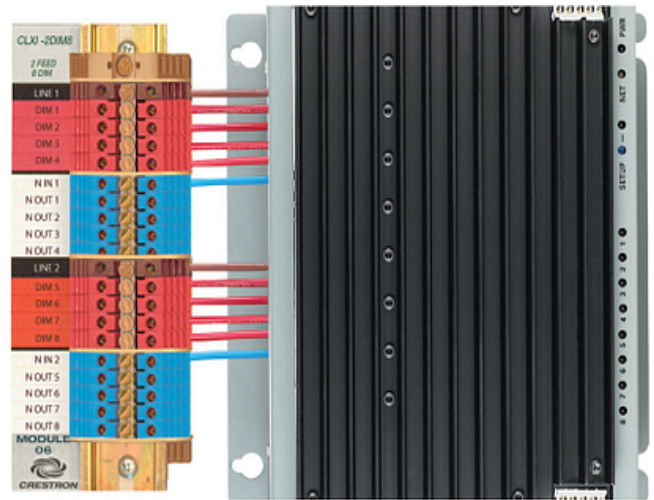


CLXI-2DIM8

8 Channel Dimmer Module, 2 Feeds - International Version, 230V

As part of a complete Crestron lighting system, the CLXI-2DIM8 lighting control module provides 8 channels of dimming for 230V incandescent, magnetic low-voltage, neon/cold cathode, and dimmable 2-wire fluorescent loads. The CLXI-2DIM8 is actually composed of two independent 4 channel dimmers in a single module. Each channel is rated for 2300 Watts, with a total module rating of 5980 Watts when fed from two separate 16 Amp feeds. Air-gap relays are provided on every channel output to allow 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 simple contact closure can be used to activate the override presets.

The CLXI-2DIM8 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-2DIM8** terminal block, sold separately to enable termination of the wiring at any time prior to installing the module. CLXI modules are controlled by the **PAC2** and **PAC2M** professional automation control systems via the Cresnet network. A 5-wire link provides bussing of the Cresnet and override signals between modules within an enclosure (interconnect jumpers included).



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

SPECIFICATIONS

Load Ratings

Dimmer Channels: 8

Per Channel: 10 Amps (2300 Watts)

Per Group: Channels 1-4: 13 Amps (2990 Watts);

Module Total: 26 Amps (5980 Watts)

Load Types: Incandescent, Magnetic Low-voltage, Neon/Cold Cathode, Dimmable 2-Wire Fluorescent

Minimum Load: 15 Watts

Power Requirements

230 Volts AC, 50/60Hz, single-phase;

Connectors on Module

Module Interconnect: (2) 5-pin 0.156 inch headers;

Cresnet/Override interconnect ports;

Connect to [PAC2](#), [PAC2M](#), [CAEN-BLOCK](#)

Connections via CLTI or CLTIBN 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

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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: Used for manual channel activation and TSID

LED Indicators

PWR: (1) Green LED, indicates line power is applied to the LINE 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: 148 BTU/Hr at maximum load

Enclosure

Gray metal with black heat sink, surface mount module with (2) integral mounting flanges;

Occupies 1 module space in any [CAEN](#) or [CAENIB](#)

Dimensions

Height: 7.59 in (193 mm)

Width: 6.92 in (176 mm)

Depth: 3.43 in (87 mm)

Weight

4.50 lbs. (2.04 kg)

ACCESSORIES

CAEN-2X1:

CLTI-2DIM8:

CAEN-4X1:

CAEN-4X2:

CAEN-7X1:

CAEN-7X2:

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 or by calling 800-237-2041.

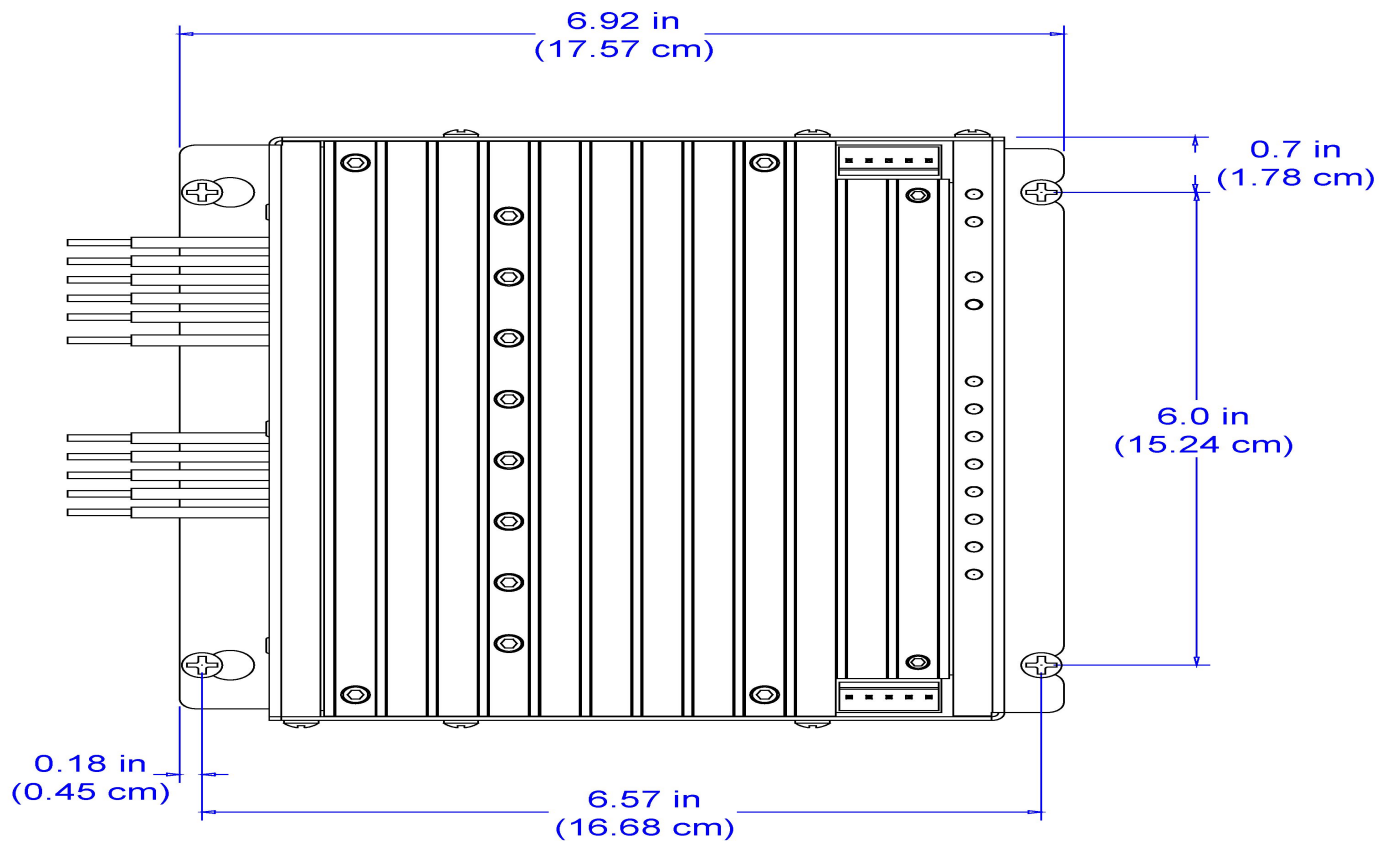
The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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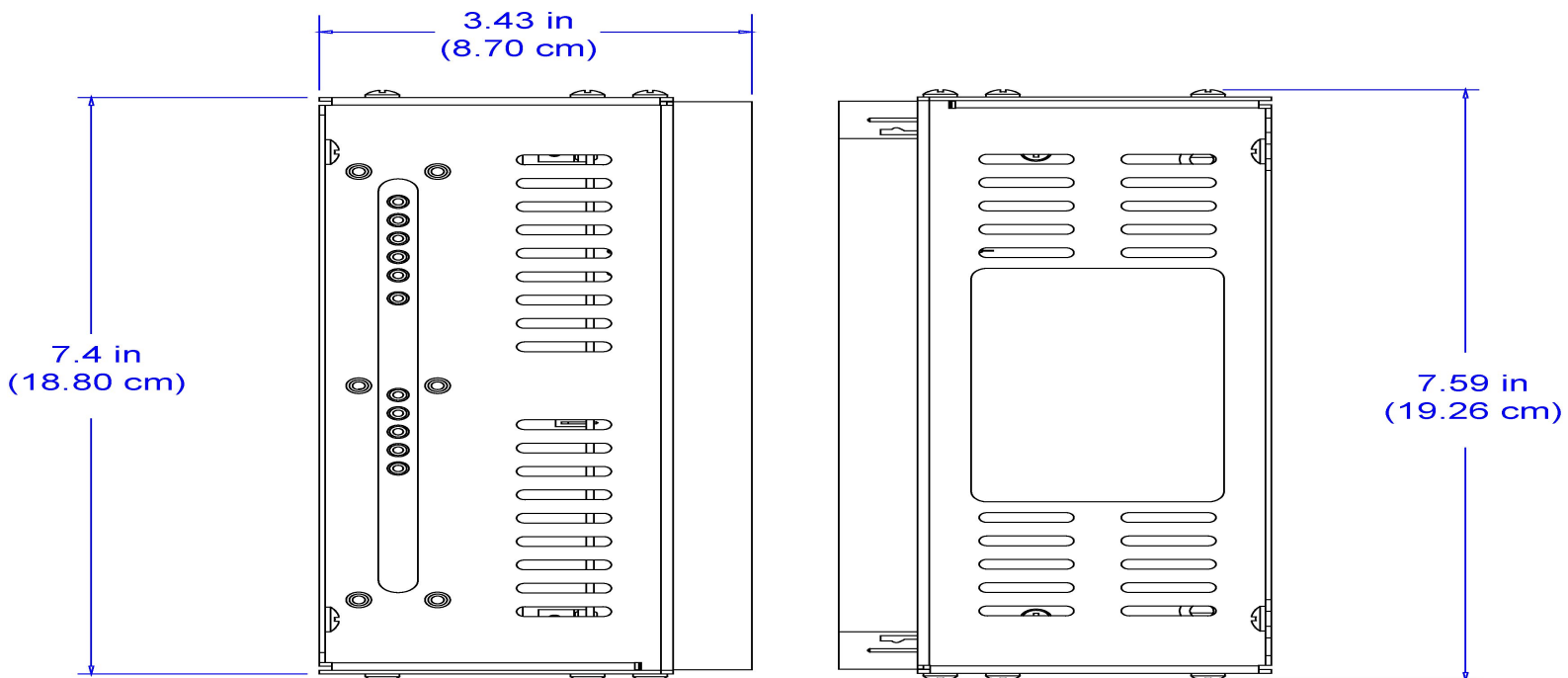
CLXI-2DIM8

8 Channel Dimmer Module, 2 Feeds - International Version,

Front



Side



CLXI-2DIM8

8 Channel Dimmer Module, 2 Feeds - International Version,

