

CLX-1MC4

4 Channel Motor Control Module, 1 Feed, 120V

- > Four-channel motor control module for residential lighting applications
- > Installs in a Crestron® CAEN or CAEN-MLO enclosure
- > Supports open/close or up/down control of 3-wire bidirectional motor loads up to 1/2 HP each
- > Rated 10 Amps per channel, 16 Amps total, at 120 Volts AC
- > Crestron system integration via Cresnet®
- > Easy termination using a CLT-1MC4 terminal block (sold separately)

The Crestron® CLX-1MC4 is a four-channel, single-feed motor control module designed for 120V lighting system applications. It installs in a [CAEN](#) or [CAEN-MLO](#) enclosure and provides control of bidirectional motors for drapes, blinds, projection screens, lifts, and other equipment. Each channel is rated for 10 Amps or 1/2 HP, with a total module rating of 16 Amps.

Centralized Lighting Cabinet Installation

Crestron CLX series lighting control modules are designed to be installed in a CAEN or CAEN-MLO wall mount enclosure. Available in a variety of sizes, CAEN and CAEN-MLO enclosures provide a scalable, high-density centralized lighting control solution for any-sized residence. A selection of CLX module types is offered to accommodate a wide range of load types and system configurations.

Termination of high-voltage wiring to the CLX-1MC4 module is facilitated using a [CLT-1MC4](#) terminal block, which is sold separately to enable termination of the wiring prior to installing the module. This terminal block mounts beside the module within the enclosure. Low-voltage control signals are bussed between each of the modules within an enclosure via a simple 5-wire link (interconnect jumpers included), which terminates to a single terminal block (model [CAEN-BLOCK](#), sold separately) at the bottom of the enclosure.

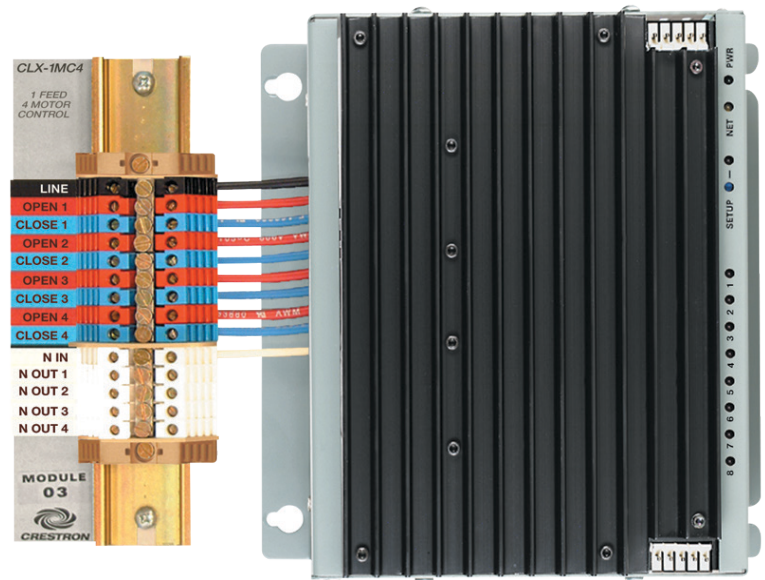
Cresnet® Communications

The CLX-1MC4 interfaces with a [Crestron control system](#) (a.k.a., control processor or automation processor) via Cresnet. Cresnet is a simple 4-wire network bus that provides the communications backbone for a system of Crestron motor controllers, dimmers, switches, keypads, shades, thermostats, and other devices.

SPECIFICATIONS

Load Control

Motor Control Channels: 4
Load Types: 3-Wire bidirectional motors
Per Channel Load Rating: 10 Amps, 1/2 HP
Module Total Load Rating: 16 Amps
Line/Load Voltage: 120 Volts AC, 60 Hz; requires one single-phase feed



Shown with CLT-1MC4 terminal block (sold separately)

Connections

Via Terminal Block (sold separately):

LINE: (1) Screw terminal, black, line power feed input

OPEN 1 – 4: (4) Screw terminals, red, “open” control outputs (per channel)

CLOSE 1 – 4: (4) Screw terminals, blue, “close” control outputs (per channel)

N IN: (1) Screw terminal, white, line power feed neutral

N OUT 1 – 4: (4) Screw terminals, white, load neutrals (per channel)

Note: Each terminal accepts one 14-10 AWG wire.

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

Cresnet/Override interconnect ports;

Each connects to the adjacent module using the interconnect jumper provided; connects to a [CAEN-BLOCK](#) (sold separately) when installed in the lowest position within the enclosure

Controls & Indicators

PWR: (1) Green LED, indicates line power is applied to the LINE terminal

NET: (1) Yellow LED, indicates Cresnet communication with the control system

SETUP: (1) Pushbutton and (1) red LED, used to enter Local mode and test each channel

1 – 4: (8) Red LEDs, each indicates the open or closed status of the corresponding channel

CLX-1MC4 4 Channel Motor Control Module, 1 Feed, 120V

Environmental

Temperature: 32° to 104° F (0° to 40° C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 15 BTU/hr + (0.44 BTU/hr x Load Current in Amps);
22 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 a [CAEN](#) or [CAEN-MLO](#) enclosure

Dimensions

Height: 7.59 in (193 mm)

Width: 6.92 in (176 mm)

Depth: 3.43 in (87 mm)

Weight

3.00 lb (1.36 kg)

Compliance

UL Listed for US & Canada

MODELS & ACCESSORIES

Available Models

CLX-1MC4: 4 Channel Motor Control Module, 1 Feed, 120V

Available Accessories

CLT-1MC4: Terminal Block for CLX-1MC4

CAEN: Automation Enclosures

CAEN-MLO: Automation Enclosures with Integrated Breaker Panel

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.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

Crestron, the Crestron logo, and Cresnet are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. Specifications are subject to change without notice. ©2021 Crestron Electronics, Inc.

