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.
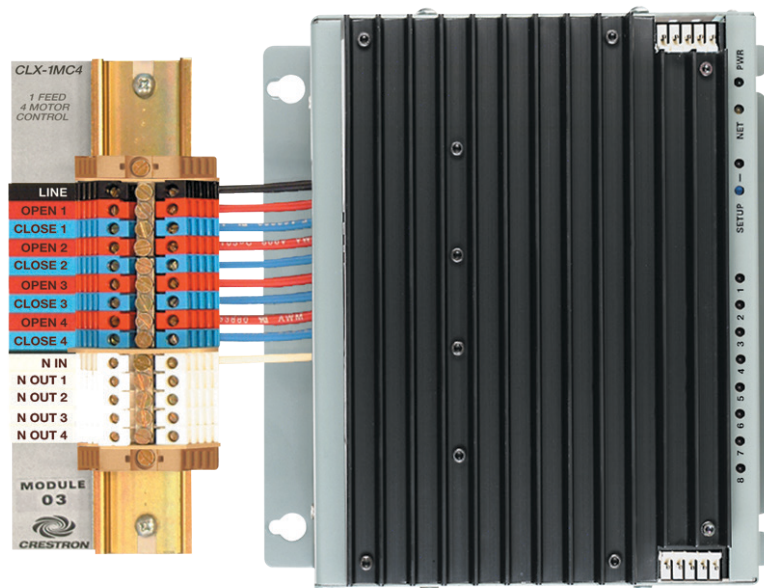
Cresnet® Communications

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

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.

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