

LightSweep™

Modular Lighting Control System CLCRM6/RMS6



Description

The **CLCRMx6 Relay Module** will connect up to six RR style relays to the modular lighting control system. Supports relays with or without feedback with LED status indication and pushbutton toggle operation.

The **CLCRMS6** has six switch input terminals with pilot light operation for relays which have the optional feedback, or jumper selectable locator light operation for those without.

Features

- Controls up to 6 relays with or without feedback
- Optional relay control via 6 hardwired switch inputs
- Color-coded spring-type terminals for switch wiring
- Pushbutton programming capable for basic operation
- Toggle relay state via pushbutton
- Jumper selectable for Pilot or Location switch functionality
- Communicating on CAN lighting network

Application

The **CLCRMx6** provides control of up to six relays per module allowing a lighting panel to be built up based on the number of relays the panel requires and reducing costs. This also allows for simple expansion of a panel to add in additional modules and relays until the panel capacity is reached.

The **RMS6** version of the module has six 2-position (On/Off) terminals with pilot/locator functionality. These terminals allow for 3-wire and 2-wire Momentary and Maintained switch operation based on how the switches are wired to the terminals.

Ordering

Order the controller and desired options with the following product numbers:

CLCRM6 - 6 Relay Control Module

CLCRMS6 - 6 Relay Control Module with 6 direct-control switch inputs

Specifications

Inputs

6 2-position closed-contact switch inputs (RMS6)

Outputs

Compatible with RR7 and RR9 relays

Technology

32-bit ARM Processor with internal A/D, Flash and RAM

Communications Port

CAN Network @40k bps

Device Address

Set via rotary dials
Address range: 1 to 99

Connectors

Inputs: spring-clip terminal connectors
Outputs: 5-pin MTA
Network/Power: (2) 4-pin MTA

Wiring Class

Class 2

Power

24 VAC
4 VA

Ambient

32° to 131°F (0° to 55°C), with enclosure
10-90% RH (non-condensing)

Dimensions

5 1/2 x 4 3/4 x 1 1/8 in.
(14 x 12.1 x 2.9 cm) with housing
0.34 lb. (155g) with housing

Compliance

CE
FCC

Approvals/Standards

cUL Listed - Energy Management

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