

LightSweep® Lighting Controls

LightSweep® Modular Lighting Control System

Project Name _____

Date _____ Type _____

Catalog Number _____



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 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.

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.

- 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
- Push button programming capable for basic operation
- Toggle relay state via push button
- Jumper selectable for Pilot or Location switch functionality
- Communicating on CAN lighting network

Ordering Information

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

SKU	Product Description
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	UL 916