

LightSweep® Lighting Controls

LightSweep® Modular Lighting Control System

Project Name _____

Date _____ Type _____

Catalog Number _____

Application

The **CLCGSM8** provides a way to map a variety of system input devices such as switches, motion sensors and photocells to relays and smaller nested lighting groups. Status indication on the device is derived from the status of the devices which is under its control providing immediate useful feedback about them. Pushbutton programming allows users to quickly program basic group switch to relay associations, while more advanced motion sensor and photocell operation is programmed via software or the dataline scheduler.



Description

The **CLCGSM8** Group Switch Module will connect up to eight inputs to the Modular Lighting Control System. Through the color-coded spring clip terminals, the device supports switches, photocells and motion sensors. When not used for switches, the pilot light terminals may be configured to provide power to the connected sensors simplifying installation.

Pushbutton programming provides a simple means of assigning the input to groups of relays and other group inputs on the lighting network. Module doubles as a power injector distributing power to the panel's relay modules and the lighting network, providing status indication for network power monitoring.

- 8 programmable inputs
- Inputs can be configured for switches, photocells or motion sensors
- Color-coded spring-type terminals for switch wiring
- Pushbutton programming capable for basic operation
- Toggle switch state via pushbutton
- Jumper selectable for binary contacts or analog photocell
- Communicating on CAN lighting network

Ordering Information

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

SKU	Product Description
CLCGSM8	8 Group Switch Module

Specifications

Inputs/Outputs	(8) 4-position connectors for closed-contact switch/motion/photocell inputs including pilot/locator light outputs
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	Power In: 5-pin MTA Inputs: spring-clip terminal connectors Network/Power: (2) 4-pin MTA, (2) RJ45
Wiring Class	Class 2
Power	24 VAC, 14.5 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