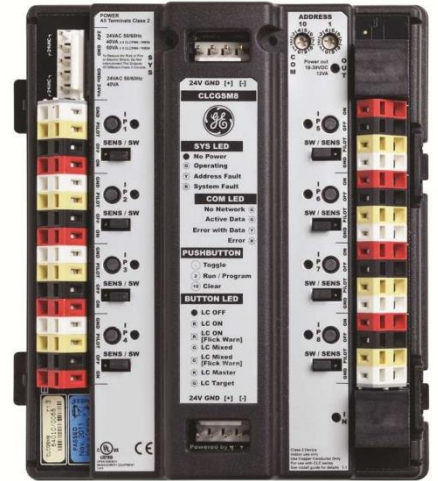


# LightSweep™

## Modular Lighting Control System CLCGSM8



### 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.

### Features

- Connects up to 8 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

### 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.

### Ordering

Order the controller and desired options with the following product numbers:  
**CLCGSM8** - 8 Group Input 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

cUL Listed - Energy Management

Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.



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For additional product and application information,  
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