

PRECAUTIONS

- Read and understand all instructions before beginning installation.
- NOTICE: For installation by a licensed electrician in accordance with National and/or local Electrical Codes and the following instructions.
- Disconnect switch or a circuit breaker must be provided and marked as the disconnecting device.
- Disconnect switch / circuit breaker must be within reach of operator.
- CAUTION: RISK OF ELECTRICAL SHOCK. Turn power off at service panel before beginning installation. Never wire energized electrical components.
- CAUTION: USE COPPER CONDUCTOR ONLY
- Confirm device ratings are suitable for application prior to installation. Use of device in applications beyond its specified ratings or in applications other than its intended use may cause an unsafe condition and will void manufacturer's warranty.
- Use only approved materials and components (i.e. wire nuts, electrical box, etc.) as appropriate for installation
- NOTICE: Do not install if product appears to be damaged.

SAVE THESE INSTRUCTIONS!

If you have questions, call Current Lighting Control Service at: 1-877-584-2685 (LTG-CNTL) in the USA and Canada.

DESCRIPTION

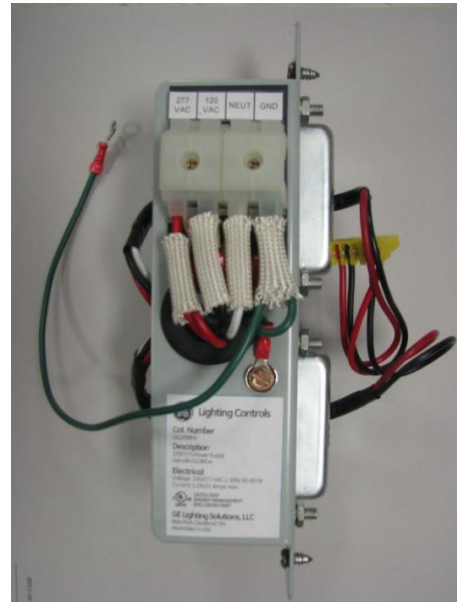
The CLCXFRxxx is the power supply for the Modular Lighting Control System. It contains two 50VA transformers for system power.

The complete assembly includes one each of the following:

1. Tub (CLCTUBxx)
2. Interior (CLCINTxx)
3. Power Supply (CLCXFRxxx)
4. Cover (CLCCOVxxS)

FEATURES

- Internal overcurrent protection. Transformer automatically goes off when overloaded and resets when fault is removed.
- Voltage spike protection. Metal Oxide Varistors protect all downstream electronics from power line voltage spikes.



Installation

Install Power Supply

Locate opening in the left side of the interior (Figure 1). Feed secondary wires (2 pairs of Red and Black leads in connector) through opening. Align two captive screws on power supply with swaged standoff in Interior. Tighten two screws to secure power supply (Figure 2). Plug in power supply connector to mating header on either the CLCGSM or CLCPIM (Figure 3). The label is marked “24VAC 50/60HZ” next to the connector.

Ground Wire Connection

Install the interior in the tub. Connect power supply ground wire to the hole in tub using green 8-32 screw (Figure 4).

Wire Line Voltage

Wire the power supply to the mains using appropriate supply voltage marked on label. Proper circuit protection must be observed.

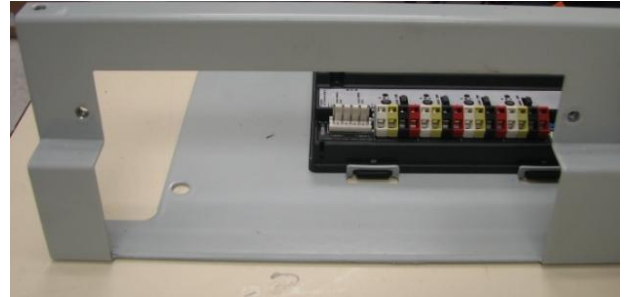


Figure 1



Figure 2



Figure 3



Figure 4