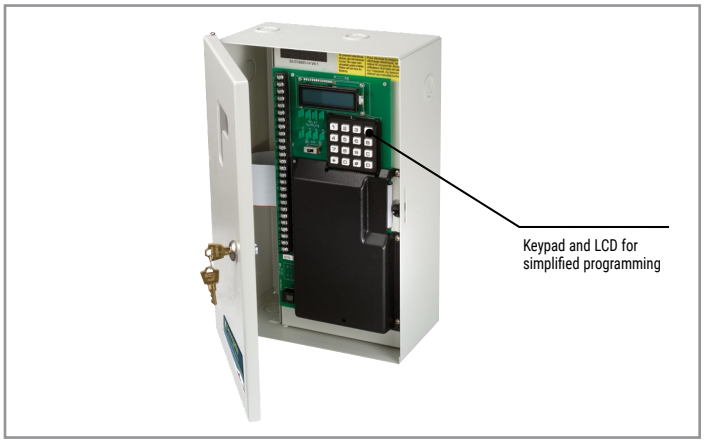
Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

LiteKeeper LK8

Stand-alone lighting control panel

Interactive Menu

- Order Information page 2
- Additional Resources page2
- Wiring Diagrams page 3
- Connected Systems page 3
- Product Warranty

Product Certification

c UL us

Product Features

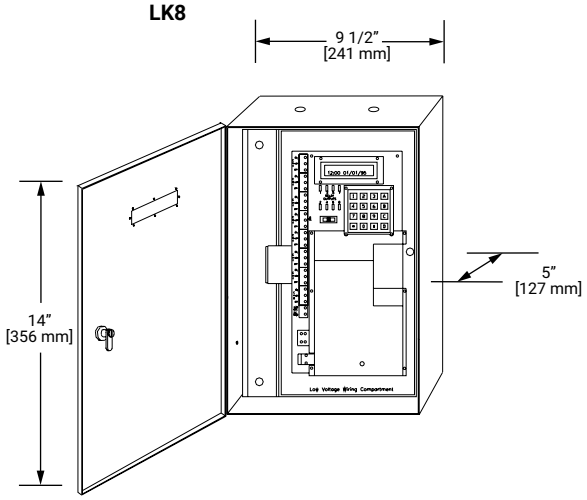
BAA

Top Product Features

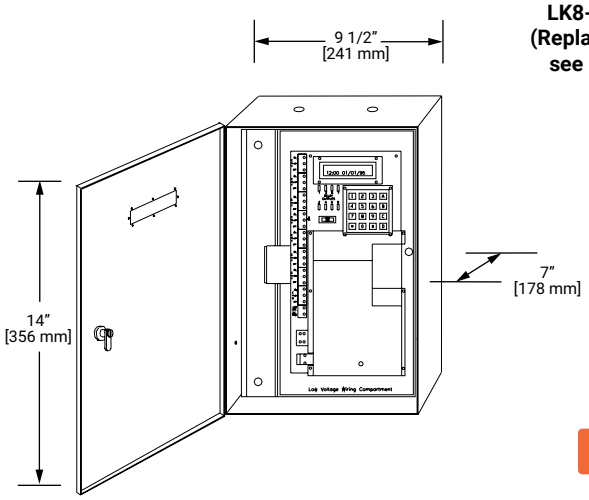
- Manual and programmable control of each relay via a simple keypad and 2 line LCD display
- Normally open, latched and two pole relays available
- Uses parallel relay cards
- Flush mount kit available
- Capable of controlling receptacle loads
- LED ready
- Options to meet Buy American Act requirements

Dimensional Details

LK8



LK8-LRC, MRC, TPRC (Replays sold separately; see XRC Spec Sheet)



additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **LK8-LRC**

Catalog Number

Domestic Preferences (1)	Product	Options	Voltage
[Blank] = Standard **BAA** = Buy American Act	**LK8=** LiteKeeper 8	**[Blank]** = Standard Relay Card (See XRC Spec Sheet) **LRC** = Latching Relay Card (See XRC Spec Sheet) **MRC** = Modular Relay Card (Does not include Relays; see XRC Spec Sheet) **TPRC** = Two Pole Relay Card (Does not include Relays; see XRC Spec Sheet)	**[Blank]** = 120/277 VAC **347** = Canada 347 VAC Transformer

Notes

(1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Optional Accessories

Catalog Number

Catalog Number	Description
0575-000029-01	Flush Mount Kit

Notes

Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Product Specifications

Enclosure
- NEMA 1 surface mount, lockable

Mechanical
Size: 14" H x 9.5" W x 5" D or 7" D
Environment:
- **Operating temperature:** 32°F to 122°F (0°C to 50°C)

Transformer Ratings
Input Requirements:
- Multi-tapped 120/277 VAC internally fused standard
- Optional 347 VAC internally fused

Power Use Ratings: Fully loaded panel 40 watts

Master Override
- ON/AUTO/OFF

Programming
- Onboard keypad and LCD display
- Optional PC Software

Standard Relay Ratings
- 20A, 120/277VAC per relay
- 10A, 120/277VAC electrontic ballast, (LED)
- Normally open
- Max wire size: 10 AWG
- Mechanical operations: 10 million

Latching Relay Ratings
- 20A, 120/277VAC electronic ballast (LED)
- 15A, 347 VAC
- Maximum wire size: 6 AWG
- Mechanical operations: 10 million
- Provides a system SCCR rating of 10,000A

Two Pole Relay Ratings
- 20A, 208/240/480 VAC
- Normally open
- Maximum wire size: 6 AWG
- Mechanical operations: 10 million

Standards/Ratings
- UL 916 Listed

Warranty
Five year warranty standard

Overview

The LiteKeeper 8 stand-alone lighting control panel is an all-inclusive, premium grade system for applications that would traditionally use a timeclock in conjunction with contactors. Control up to 8 relays per panel. Several relay options and more standard features than any other stand-alone panel on the market combine to create a state of the art stand-alone lighting control system.

System Includes:

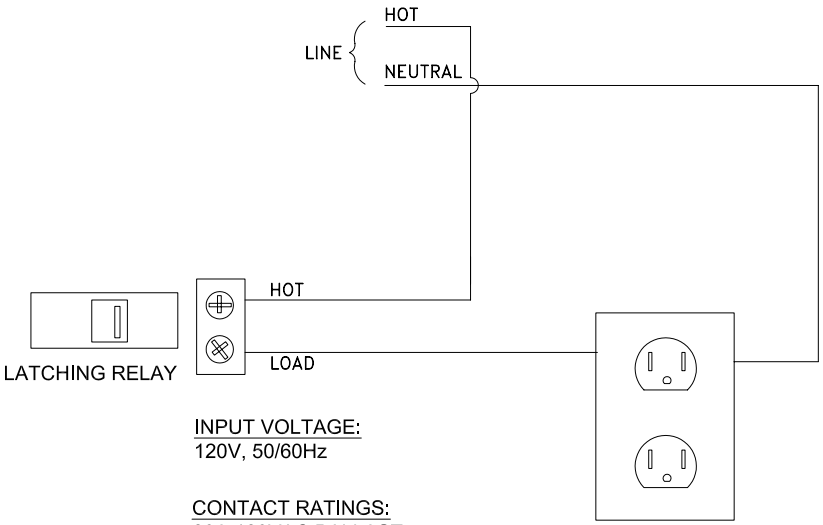
- UL Listed – UL 916 standard
- NEMA 1 enclosure
- 8 relays
- 8 low voltage input connections
- Time schedules with astronomic clock
- Prioritization and masking of switch inputs, time schedules and remotes
- Timed inputs
- Occupant warn-off and overrides
- Keypad and 2 line LCD display
- RS-232 port standard

Accessories:

- Keeper Enterprise Software
- Ethernet Interface Module
- Greengate Digital Switch (GDS)
- Dry Contact Switches
- Contact Input Photosensor
- Occupancy Sensor
- CEPC (UL 924 Accessory)

Wiring Diagrams

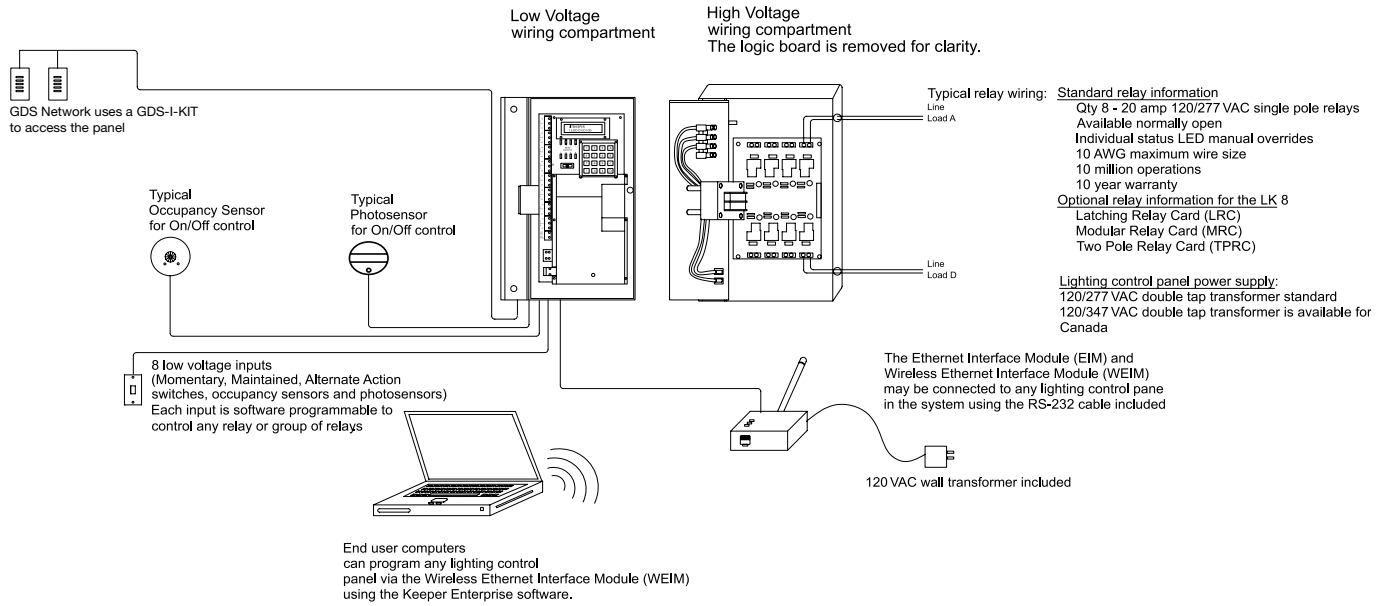
Latching Relay Receptacle Control



INPUT VOLTAGE:
120V, 50/60Hz

CONTACT RATINGS:
20A 120VAC BALLAST
16A 120VAC INCANDESCENT
20A 277VAC BALLAST
1.5HP 120VAC

Sample One-Line



Control Systems

- Greengate

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Specifications and dimensions
subject to change without notice.