

Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

CK4 - Control Keeper 4

Network lighting control panel

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Product Certification



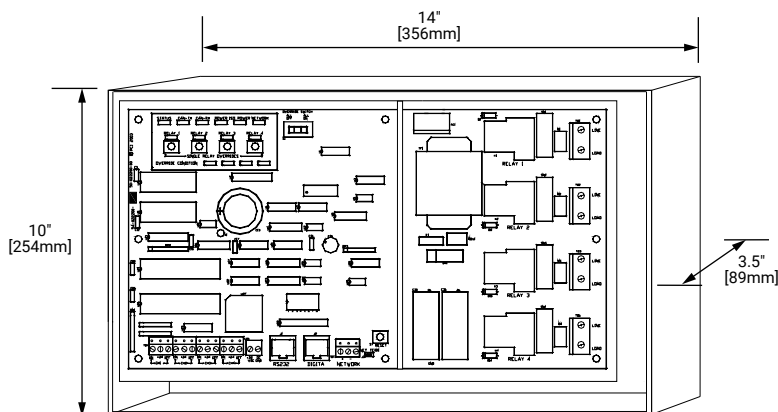
Product Features



Top Product Features

- Capable of mixed load voltages (120/277 VAC) as well as mixed sources (i.e. normal and emergency power)
- Normally open relays
- Relays are built onto control board
- Options to meet Buy American Act requirements

Dimensional Details



additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **CK4120NO**

This is a network-ready lighting control system. It can be combined with other ControlKeeper series panels to create a scalable, networked lighting control scheme.

Catalog Number

Domestic Preferences ⁽¹⁾	Product	Transformer Voltage	Type of Relay Card
[Blank] = Standard BAA = Buy American Act	CK4 = ControlKeeper 4	120 = 120 VAC 277 = 277 VAC	NO = Normally open
Notes			
<small>(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.</small>			

Product Specifications

Key Features

The ControlKeeper 4 network lighting control panel is a cost-effective, specification grade lighting control system that can control 4 relays per panel. Network up to 254 ControlKeeper panels for a state of the art lighting control system.

Mechanical

Size: 10"H X 14"W X 3.5"D (254 mm x 355.6 mm x 89 mm)

Environment:

- **Operating temperature:** 32°F to 122°F (0°C to 50°C)

Housing: NEMA 1 surface mount enclosure

Electrical

Transformer Ratings:

- 120 VAC or 277 VAC

Power Use Ratings:

- Fully loaded panel 20 watts

Master Override:

- ON/AUTO/OFF

Standard Relay Ratings:

- 20A, 120/277 VAC per relay
- 10A, 120/277 VAC electronic ballast (LED)
- Normally open
- Maximum wire size: 10 AWG
- Mechanical operations: 10 million

Software Specifications

Programming: Optional PC Software

System Includes:

- UL listed – UL 916 standard
- NEMA 1 enclosure
- 4 relays
- 4 low voltage input connections
- Digital Switch Interface
- Time schedules with astronomic clock
- Prioritization and masking of switch inputs, time schedules and remotes
- Timed inputs
- Occupant warn-off and overrides
- RS-232 port standard
- RS-485 network standard

Accessories:

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

Standards/Ratings

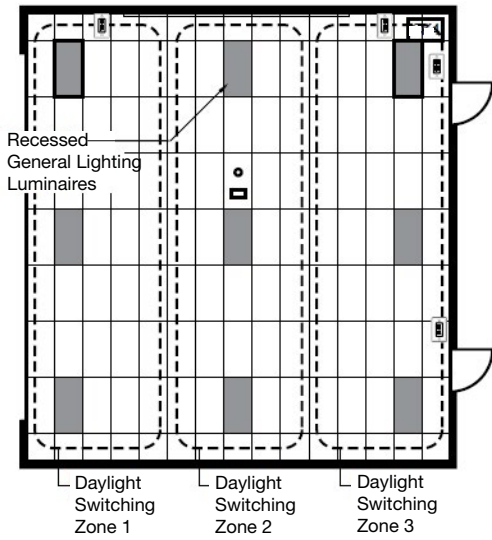
- UL Approval
- UL 916 Listed

Warranty

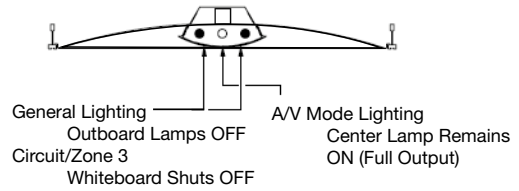
Consult website for warranty information

Wiring Diagrams

Reflective Ceiling Plan



Sample Circuiting



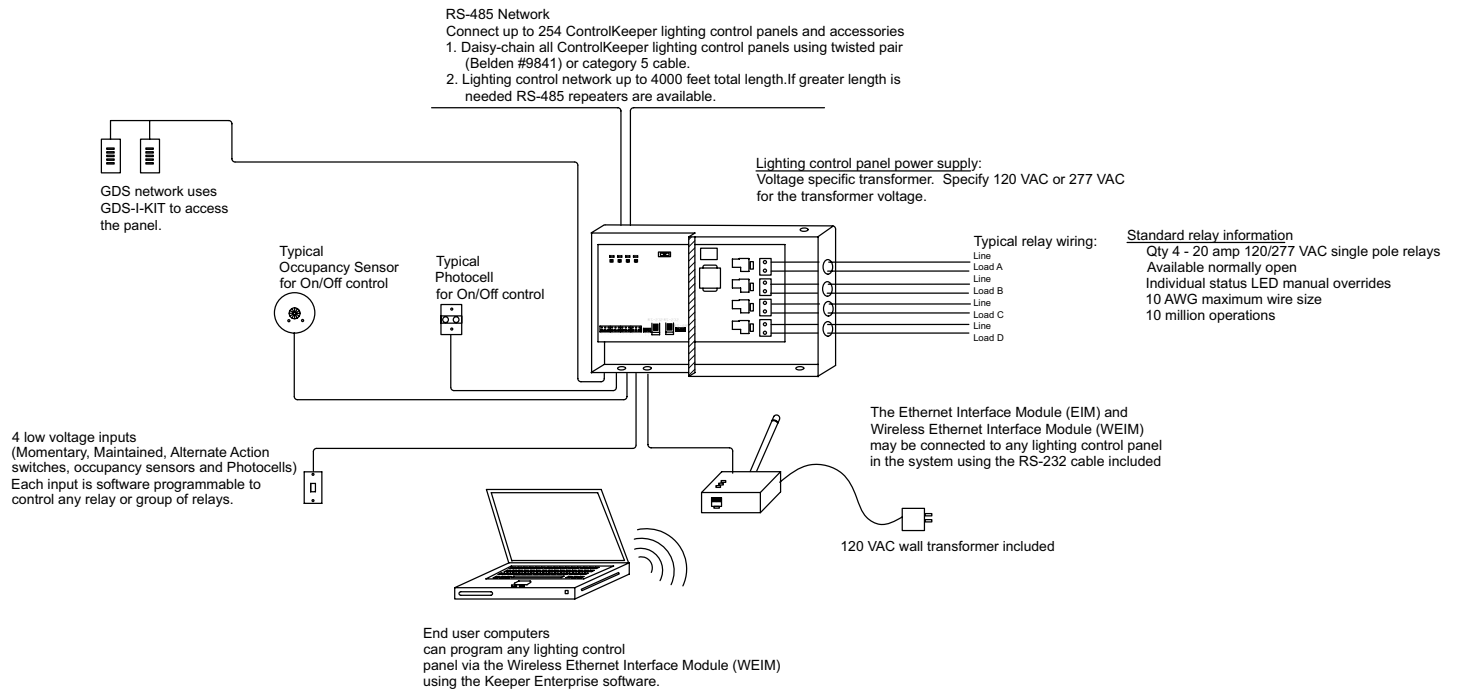
Sample Switch Control



GDS-2TLB-W-EC1

Classroom or Office Solution with Whiteboard and AV Mode Switching Option

Sample One-Line



Control Systems
• Greengate