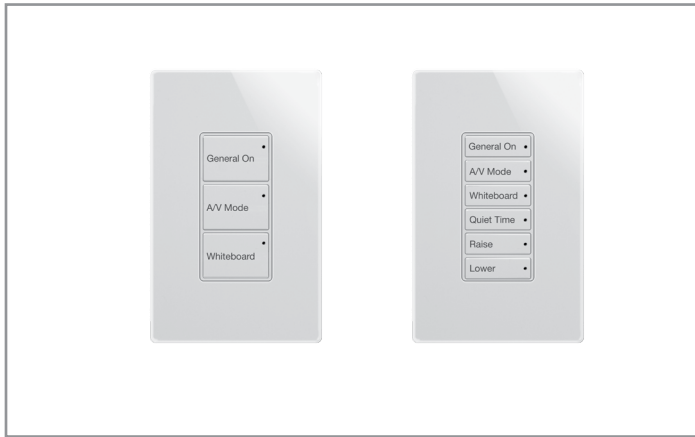


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Greengate

### Digital Switch Wallstation

Decorator style switch for the Greengate lighting control panels

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

#### Interactive Menu

- Order Information [page 2](#)
- Additional Resources [page 3](#)
- Connected Systems [page 4](#)
- Product Warranty

#### Product Certification



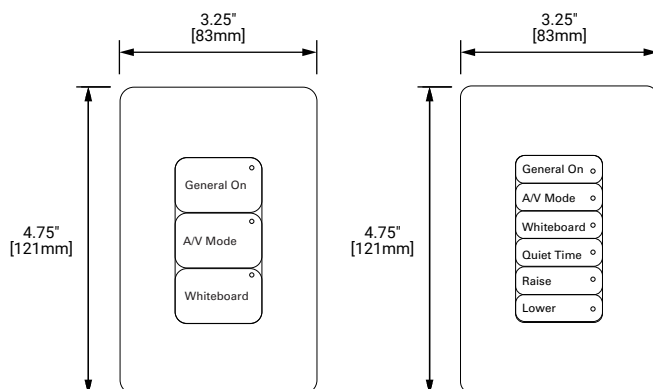
#### Product Features



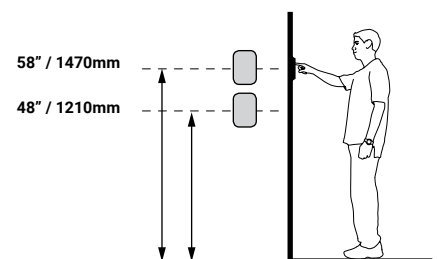
#### Top Product Features

- 24 VDC supply voltage via the network
- Capable of controlling loads over entire lighting network
- Integrates with Keeper Enterprise Software or Onboard programming display
- Create custom lighting configurations for each button; choice of large or small buttons
- Class 2 low voltage wiring
- All plastic construction with a separate decorator style snap-on surround; Includes single gang screwless wallplate\*
- Suitable for standard single and multi-gang NEMA wall box with decorator style wallplate
- A range of seven standard wall station templates can be selected
- Tested to withstand 12kV electro-static discharge without damage of memory loss
- Options to meet Buy American Act requirements

#### Dimensional Details



#### Mounting Height



## Order Information

This is an accessory for Greengate Lighting Control Systems. When ordering, specify the Digital Switch as a separate system accessory.  
One single gang wallplate included.

SAMPLE ORDER NUMBER: **GDS-3TLB-W-**\_\_\_\_\_

Catalog Number		Number of Buttons	Color	Button Engraving
Domestic Preferences <sup>(1)</sup>	Catalog Number	Number of Buttons	Color <sup>(2)</sup>	Button Engraving <sup>(3)</sup>
<b>[Blank]</b> = Standard <b>BAA</b> = Buy American Act	<b>GDS</b> = Greengate Digital Switch	<b>1-3</b> = Large Buttons – TLB <b>2, 4, 5, 6</b> = Small Buttons – TSB	<b>W</b> = White <b>B</b> = Black <b>V</b> = Ivory <b>G</b> = Gray <b>R</b> = Red*	<b>[BLANK]</b> = Zone 1, Zone 2, Zone 3, etc <b>ENGRV</b> = Customer Specified Engraving
<b>Notes</b>				
(1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. (2) Not all colors are available in stock and some color options may have extended lead times. (3) For custom configurations or custom engraving, use the configurator tool within the FlashPro tool.				

## Buttons Only

Catalog Number	Number of Buttons	Color	Button Engraving
Catalog Number	Number of Buttons	Color <sup>(2)</sup>	Button Engraving <sup>(3)</sup>
<b>GDS-BTS</b> = Greengate Digital Switch Wallstation BUTTONS ONLY	<b>1-3</b> = Large Buttons – TLB <b>2, 4, 5, 6</b> = Small Buttons – TSB	<b>W</b> = White <b>B</b> = Black <b>V</b> = Ivory <b>G</b> = Gray <b>R</b> = Red*	<b>[BLANK]</b> = Zone 1, Zone 2, Zone 3, etc <b>ENGRV</b> = Customer Specified Engraving
<b>Notes</b> <sup>(2)</sup> Not all colors are available in stock and some color options may have extended lead times. <sup>(3)</sup> For custom configurations or custom engraving, use the configurator tool within the FlashPro tool.			

## Additional Options

Catalog Number	Description
<b>GDS-I-KIT</b>	Digital Switch Integrator (required per digital switch network connection on all panels except ControlKeeperM Series)
<b>LCCP</b>	Communication Cable, 500 ft spool (See Communication Cable Spec Sheet for more information)
<b>LCCNP</b>	Communication Cable, 500 ft spool, Non-plenum (See Communication Cable Spec Sheet for more information)
<b>Notes</b> Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.	

## Product Specifications

### Key Features

- The Digital Switch permits multiple control stations to be connected to the lighting control panels
- The control stations provide override and status feedback
- Advanced system features, such as masking and priorities, are standard on all lighting control panels and can be applied to these switches to make your application both contractor and user friendly.
- The Digital Switch fits in a single or multi-gang NEMA wall box and has a standard decorator style opening to permit single or multi-gang configurations
- The Digital Switches are networked together using the LCCNP or LCCP wire (ordered separately) and can connect to the Greengate lighting control panel

### Mechanical

**Size:** 4.75"H x 3.35"W (121mm x 83mm)

#### Environment:

- For indoor use only

**Mounting:** Standard decorator opening

**Color:** White, Ivory, Gray, Black and Red\* available

### Electrical

- Class 2 low voltage wiring
- Tested to withstand 12kV electro-static discharge without damage of memory loss

### Hardware Specifications

- All plastic construction with a separate decorator style snap-on surround
- Includes single gang screwless wallplate  
*(Red offering is only available with a screw wallplate, unlike the White, Black, Ivory and Gray that come with a screwless wallplate)*
- **Button Configuration:**
  - Large buttons 1-3
  - Small buttons 2, 4, 5, 6

### Software Specifications

- CANbus (GDS-I-KIT is required for GDS integration on all panels except the CKM)

### Standards/Ratings

- cULus Certified

### Warning

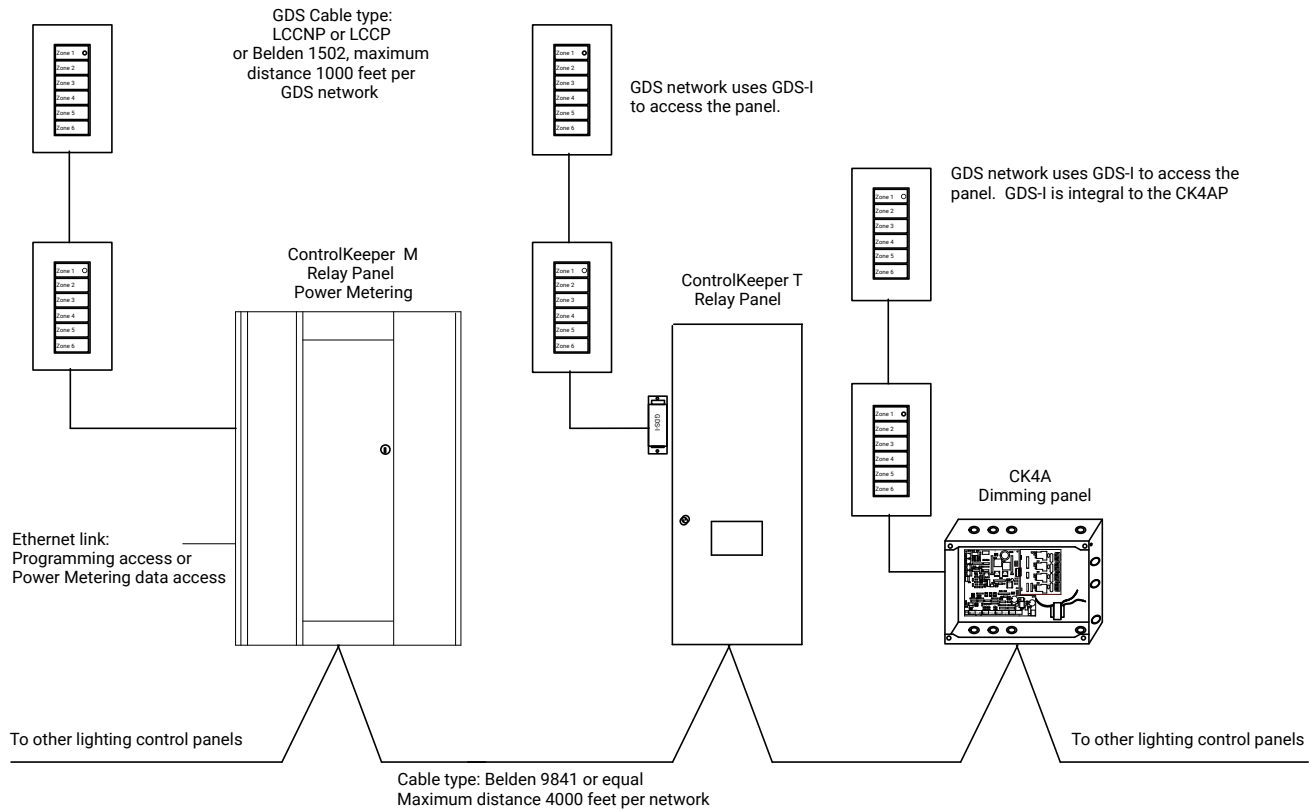
- This product is not intended to be used in applications involving the use of ammonia-based or VOC cleaners.
- Use of ammonia-based or VOC cleaners on this device must be avoided. Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- For detailed cleaning guidelines please refer to: Controls Care and Maintenance instructions at the end of this document.

### Warranty

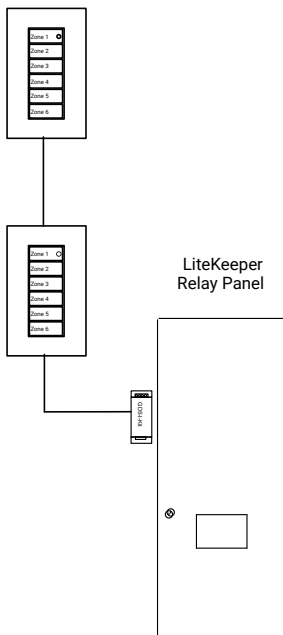
Five year warranty standard

## Wiring Diagrams

### Sample ControlKeeper System Topology



### Sample LiteKeeper System Topology





Cooper Lighting Solutions has developed recommended guidelines for cleaning our products that will not impact the operation or finish of the product.

### Recommended cleaning tips:

- **Never spray any fluids directly into the device.**
- **Use of ammonia-based or VOC cleaners on this device must be avoided.** Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- **Use a damp rag or single-use wipe** to avoid excess liquid penetrating the device.
- Be sure to wipe up remaining excess liquid after cleaning.
- Ensure the cleaning agent used does not have harsh chemicals such as bleach, ammonia, highly alkaline or concentrated acids (such as hydrochloric acid that can be found in household cleaners such as toilet bowl cleaners, bathroom tile and porcelain cleaners) as they could damage the device, causing them to become brittle and discolored.
- Cooper Lighting Solutions recommends the use of a mild liquid detergent and water to clean the devices. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however the single-use wipes **cannot contain bleach, ammonia, highly alkaline or concentrated acids.**

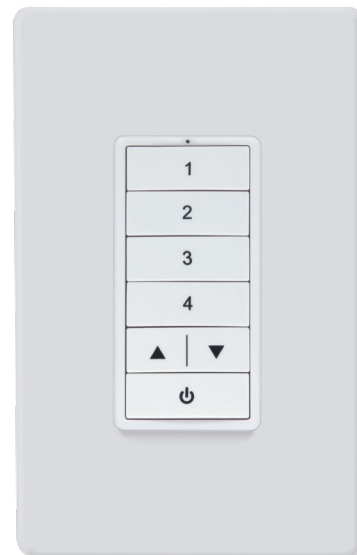


image for  
reference only



### WARNING

*This product is not intended for use in applications involving the use of ammonia-based or VOC cleaners.*

*Prolonged use may cause loss of integrity and expose electrified components.*

*If this occurs, turn OFF power to the unit and replace.*

### Recommended cleaning instructions:

- **Never spray any fluids directly into the device.**
- Apply the mild liquid detergent to a damp cloth or paper towel. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however single-use wipes cannot contain bleach, ammonia, highly alkaline or concentrated acids.
- If excess liquid is present, remove by wringing out the cloth or paper towel to avoid liquid penetration into the device.
- Clean the Cooper Lighting Solutions device by wiping over the surface with the damp cloth.
- Remove an excess liquid remaining on the device with a dry cloth or paper towel.