

# CEPC – Emergency Power Control

|          |             |
|----------|-------------|
| Catalog# | Prepared by |
| Project  | Date        |
| Comments | Type        |



CEPC

## Overview

The Emergency Power Control (CEPC) device allows the control of emergency lighting by any Greengate lighting control panel or occupancy sensor.

## Features

- Eliminates energy waste by allowing emergency lighting to be switched
- Fail safe operation
- Visible emergency power LED
- Visible regular power LED
- Integral test switch
- Automatic Diagnostic Test Feature – 2.5 second emergency test when load is turned off (CEPC-2 only)
- Senses local circuit power loss
- UL 924 listed, meets NEC, OSHA and NFPA safety codes

## Specifications

|                              |                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Connections</b>           | Normal Power Sensing: 120V or 277V                                                                 |
|                              | Emergency Power: 120V or 277V                                                                      |
|                              | Normal Power Switching: 120V or 277V                                                               |
| <b>Load Ratings</b>          | 20A Ballast Load Rating                                                                            |
|                              | 1800W Incandescent Load Rating at 120V                                                             |
|                              | 1500W Incandescent Load Rating at 277V (CEPC-1 only)                                               |
| <b>Size</b>                  | Body Size: 2.875"H x 1.75"W x 1.75"D                                                               |
|                              | Flushmount Size: 4.75"H x 2.75"W x 0.25"D                                                          |
| <b>Mounting</b>              | Mounts to a 4.688" junction box with single gang plater ring                                       |
|                              | UL 94-5VA Rated Plastic                                                                            |
| <b>Color</b>                 | White                                                                                              |
| <b>Operating Environment</b> | Temperature: 32°F - 140°F (0°C - 60°C)                                                             |
|                              | For indoor use only                                                                                |
| <b>Compatibility</b>         | CEPC-2: Greengate LiteKeeper, ControlKeeper Relay Panels and Occupancy Sensor                      |
|                              | CEPC-2-D: Greengate ControlKeeper 4A or Room Controller                                            |
| <b>Standards</b>             | UL Approved                                                                                        |
|                              | UL 924 Listed  US |

## Description/Operation

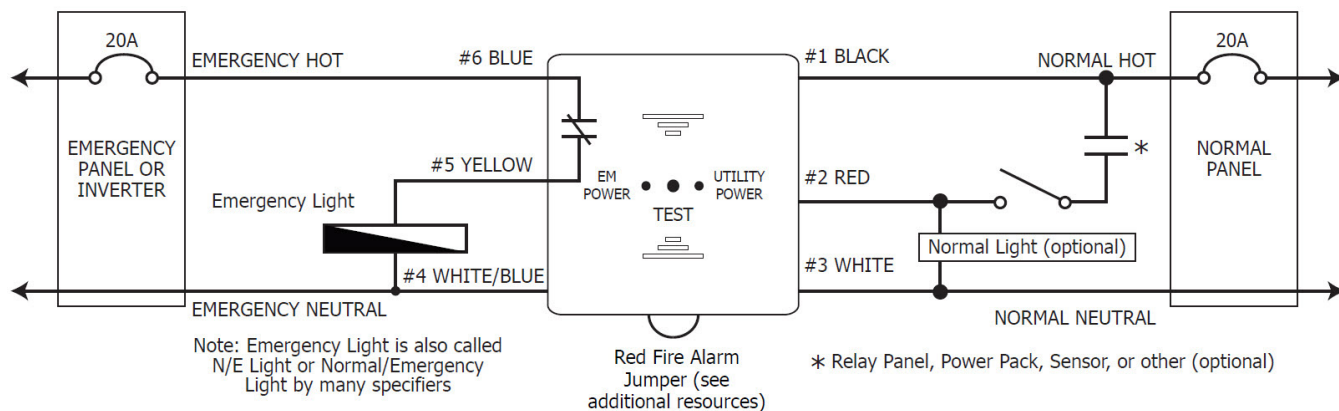
The CEPC senses a local, single normal power circuit. As long as normal power is present, the CEPC permits normal and emergency switching of the lighting load from Cooper Lighting Solutions lighting control panels or occupancy sensors. If normal power is lost for any reason, the CEPC will force the connected emergency fixtures ON. The CEPC can be wired as either a control device along with a relay panel and occupancy sensor, or as a shunt to bypass line voltage devices when normal power fails. The CEPC-2-D is a universally compatible device that allows control of 4-wire emergency dimming loads. When normal power is lost, the CEPC-2-D will force the emergency fixtures to the full bright condition. Both CEPC models include a test switch feature for verifying proper functionality.

## Installation

The CEPC can be installed down line of a Cooper Lighting Solutions lighting control panel or occupancy sensor and switchpack. The CEPC should be located next to the emergency fixture it is controlling.

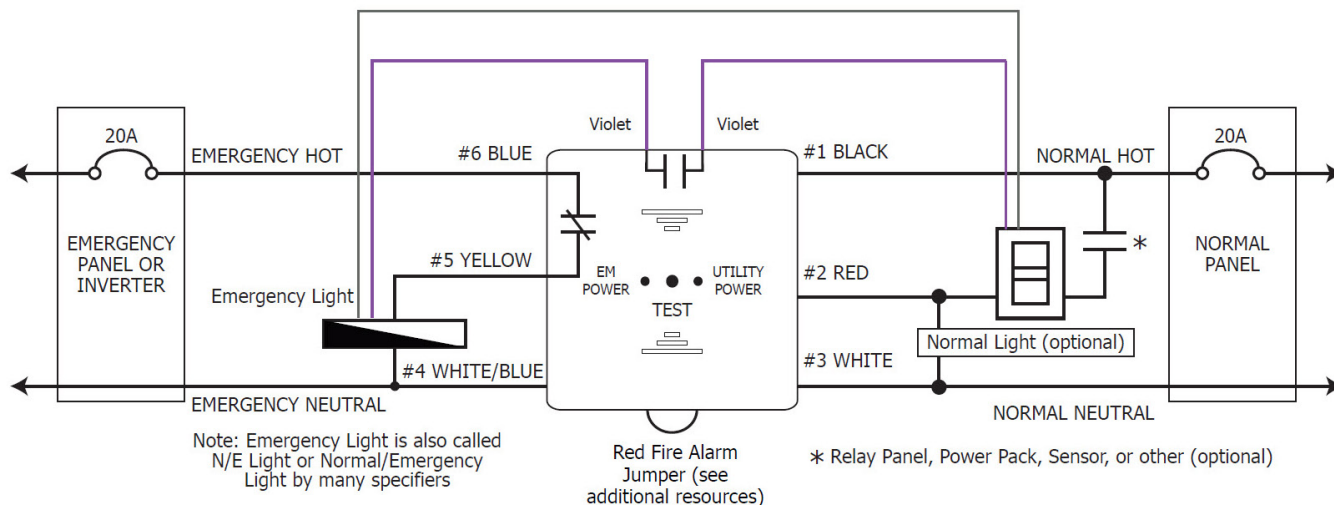
## Wiring Diagrams

### Wiring Diagram for 2-Wire Non-Dimming Loads ((CEPC-2 wiring))



August 2018

### Wiring Diagram for 4-Wire Dimming Loads (CEPC-2-D wiring)



### Ordering

This is an accessory for Cooper Lighting Solutions Lighting Control Panels and Greengate Occupancy Sensors. When ordering, specify the CEPC as a separate accessory.

| Model        | Description                                   | Rating       |
|--------------|-----------------------------------------------|--------------|
| CEPC-2       | Emergency Power Control                       | 120V or 277V |
| CEPC-2-D     | 0-10V Load Emergency Power Control 120V       | 120V or 277V |
| CEPC-2-UM    | Emergency Power Control (Made in USA)         | 120V or 277V |
| CEPC-2-CUL   | Emergency Power Control for Canada            | 120V or 277V |
| CEPC-2-D-CUL | 0-10V Load Emergency Power Control for Canada | 120V or 277V |

**Cooper Lighting Solutions**  
 1121 Highway 74 South  
 Peachtree City, GA 30269  
 P: 770-486-4800  
[www.cooperlighting.com](http://www.cooperlighting.com)  
 For service or technical assistance:  
 1-800-553-3879

© 2020 Cooper Lighting Solutions  
 All Rights Reserved  
 Printed in USA  
 Publication No. TD503159EN  
 May 2019