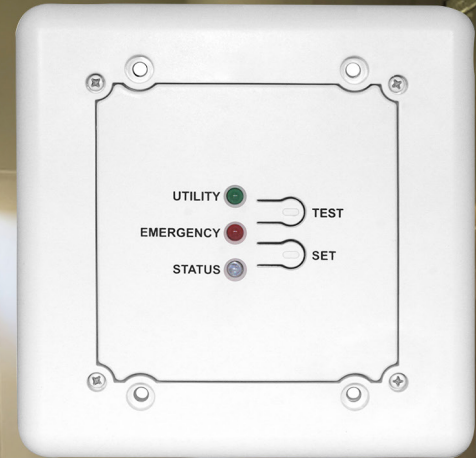


Easy Dimming Solutions for Emergency Lighting Emergency Controls Used with Dimming 0-10V Loads



Emergency Dimming Luminaire Control INTEGRATE YOUR EMERGENCY FIXTURES INTO YOUR LIGHTING CONTROL SYSTEM

In the past, all designated emergency lights in a facility had to remain on for 24 hours a day to meet energy codes. Now Leviton Emergency Dimming Luminaire Controls allow you to convert 0-10V light fixtures as approved emergency lights. The emergency dimming luminaire controls are required when the facility has an emergency generator or central converter without dedicated emergency fixtures, and no battery backups in the normal lighting fixtures.

PROBLEM

Facility desires an integrated emergency and normal control solution for lighting loads to ensure necessary lighting and save on energy costs.

- Facility contains an emergency generator or central inverter
- Facility does not contain dedicated emergency fixtures
- Facility contains no battery backups in normal lighting fixtures
- Facility contains 0-10V LED lighting

SOLUTION

Emergency dimming luminaire controls manage lighting loads in case of power interruption or other service abnormalities.

- Emergency dimming luminaire controls automatically turn emergency lights ON to full brightness in the case of a utility power interruption, overriding all switch/dimmer positions
- Wallbox dimmer is used to control lights during normal power and feeds control input to EM control device*
- Emergency control device manages normal and emergency power inputs by monitoring normal power. Emergency power controls the load if normal power is lost and automatically allows the wallbox to resume control upon power restoration

*If there is a combination of EM and non-EM loads, the output of the wallbox dimmer may feed both the non-emergency fixtures and the EM control device

Use Leviton Emergency Controls with the following load types:

2-Wire Dimmable Load

- LED
- Incandescent
- Tungsten/Halogen
- Electronic Low Voltage
- Magnetic Low Voltage
- Fluorescent
- Forward or Reverse Phase Control

3-Wire Fluorescent

- Lutron® Eco-10®
- Lutron Hi-lume®

4-Wire Low Voltage Control

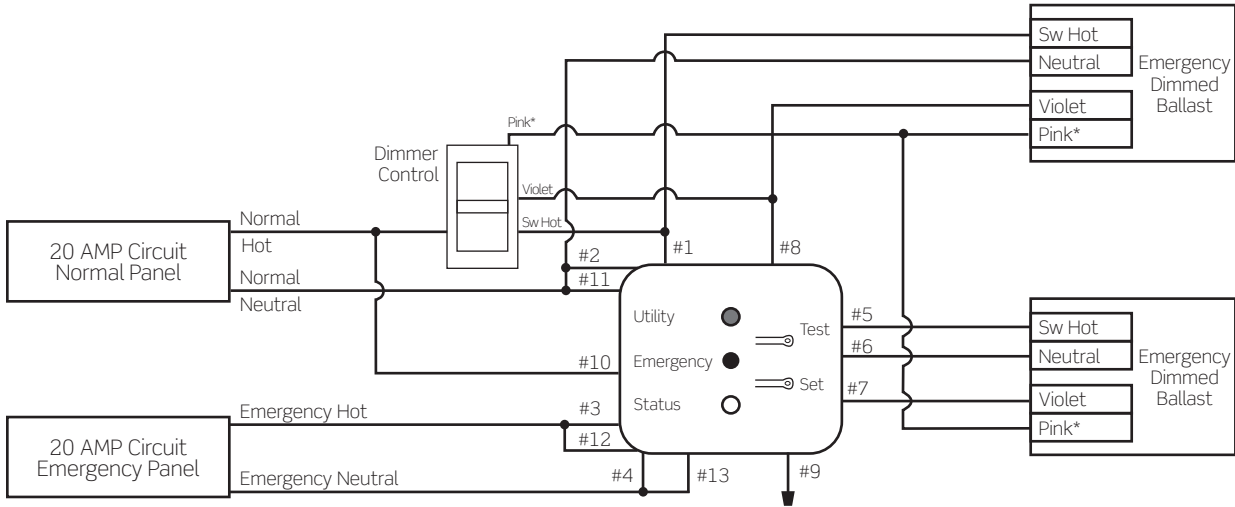
- 0-10V LED, Fluorescent or Other
- DALI
- SectorNet

Leviton Manufacturing Co., Inc. Lighting & Controls

10385 SW Avery Street, Tualatin, OR 97062 tel 800-736-6682 tech line (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

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Emergency Controls Used with Dimming 0-10V Loads



* Depending on manufacture date, pink wire may be gray

WHAT YOU WILL NEED

EMERGENCY CONTROLS USED WITH DIMMING 0-10V LOADS		QTY.
	Emergency Light Transfer Switch ECD00-D0W <ul style="list-style-type: none"> Monitors power and automatically turns lights to full ON in the event of a power interruption 	1
	Fuse and Fuseholder Accessory Kit ECD00-FUS <ul style="list-style-type: none"> Meets UL1008 requirements for Short Circuit Rating (5000A) 	Only if required by code
	Renoir II Wallbox Dimmer AWSMT-7DW <ul style="list-style-type: none"> Controls lights during normal power states and feeds control input to the EM control device 	1

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Visit our Website at: www.leviton.com/emergencycontrols

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