



## Reliable Recovery After Power Losses Combine emergency controls with the IRC for easy restoration of power

### Integrated Room Control (IRC) and Emergency Controls ENSURE THAT LIGHTS ACTIVATE TO FULL BRIGHT STATE AFTER POWER LOSS

Leviton switching emergency controls detect a loss of normal power to a facility. When combined with the Leviton IRC, the emergency control triggers the emergency input of the IRC to force all loads on into the emergency full bright state. Keeping emergency lights functional in all circumstances provides dramatically increased safety to occupants and essential operations.

#### PROBLEM

Facility must ensure that essential lighting remains full bright in case of normal power loss for safety and functionality.

- Facility requires code compliant (ASHRAE Standard 90.1 2010 and California Title 24 2013) energy control with capabilities including dimming, daylighting, demand response, plug load control, partial-ON and partial-OFF
- Facility contains an emergency generator or central inverter
- Facility does not contain dedicated emergency fixtures

#### SOLUTION

Combine an IRC with Leviton switching emergency controls to ensure that essential lighting is activated in case of normal power loss.

- The IRC meets all code and standards compliance requirements, including ASHRAE 90.1 and Title 24, with one easy to install room-in-a-box solution
- Leviton switching emergency controls automatically trigger the IRC's emergency input to force all emergency loads on into the full bright state, overriding all switch/dimmer positions
- Provides dramatically increased safety to occupants and essential operations

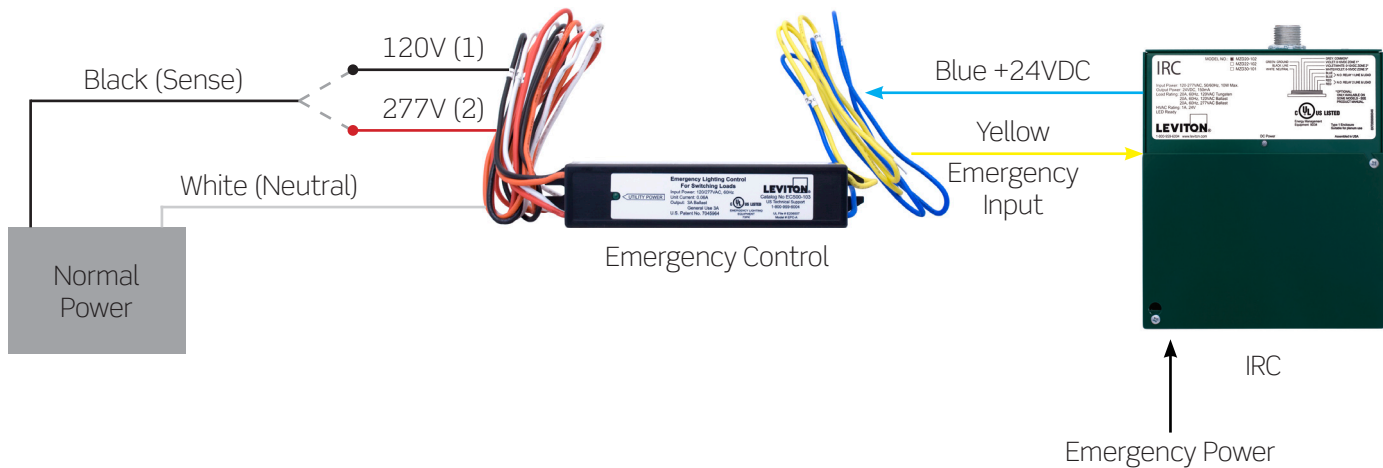
Disclaimer: This document is for informational purposes only. Each project will have its own specific requirements for satisfying ASHRAE 90.1 and Title 24 code compliance based on a variety of factors. Other exceptions or details may apply. Review the code for specific requirements and/or consult with a professional advisor. Leviton Mfg. Co., Inc. is not responsible for any loss resulting from the use of any information found in this document. Solutions are subject to change without notice. For additional assistance, contact your local Leviton representative.

#### Leviton Manufacturing Co., Inc. Lighting & Energy Solutions

20497 SW Teton Avenue, Tualatin, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 [www.leviton.com/les](http://www.leviton.com/les)

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## IRC with Leviton Emergency Control Solution



### WHAT YOU WILL NEED

IRC with Emergency Control Solution		QTY.
	<b>IRC Kit   See Below for Item Number Information</b> <ul style="list-style-type: none"> <li>Kitted with IRC, sensor, photocell and lighting control station</li> </ul>	1
	<b>IRC   See Below for Item Number Information</b> <ul style="list-style-type: none"> <li>Stand-alone room control for dimming, partial-ON/OFF and demand response</li> </ul>	
	<b>Multi-Tech Ceiling Mount Occupancy Sensor, 1,000 Sq Ft   OSC10-M0W</b> <ul style="list-style-type: none"> <li>Detects occupancy in a room and signals the system to dim lighting accordingly</li> </ul>	
	<b>Photocell, Indoor   ODC0P-00W</b> <ul style="list-style-type: none"> <li>Continuously measures ambient light in the zone and transmits to the system</li> </ul>	
	<b>Lighting Control Station   RLVSW-4LW</b> <ul style="list-style-type: none"> <li>Manual lighting control to dim and switch at multiple levels</li> </ul>	
	<b>Emergency Control   ECS00-1xx</b> <ul style="list-style-type: none"> <li>Detects loss of normal power and signals IRC to enter emergency state</li> </ul>	1

NOTE: Refer to data sheet for configuration and load type information

ROOM-IN-A-BOX KITS - Order a Complete System with One Part Number	
RCD20-102	IRC Dimming Room Control Kit, includes Low Voltage devices; 2 Zone Room Controller w/(2) 0-10V outputs and (2) 120/277V relays, M/T Occupancy Sensor, 4 Button Switch, Photocell, 120/277VAC, 50/60Hz
RCD30-101	IRC Dimming Room Control Kit, includes Low Voltage devices; 3-Zone Room Controller w/(3) 0-10V outputs and (1) 120/277V relay, M/T Occupancy Sensor, 4 Button Switch, Photocell, 120/277VAC, 50/60Hz
RCD20-C02	IRC Dimming Room Control Kit, includes Low Voltage devices; 2-Zone Room Controller w/(2) 0-10V outputs and (2) 347V relays, M/T Occupancy Sensor, 4 Button Switch, Photocell, 347VAC Canadian model, 50/60Hz
RCD30-C01	IRC Dimming Room Control Kit, includes Low Voltage devices; 3-Zone Room Controller w/(3) 0-10V outputs and (1) 347V relay, M/T Occupancy Sensor, 4 Button Switch, Photocell, 347VAC Canadian model, 50/60Hz
INDIVIDUAL IRC FOR KITS	
MZD20-102	IRC Dimming Version, 2 zone, 2 relay, 120V or 277VAC
MZD30-101	IRC Dimming Version, 3 zone, 1 relay, 120V or 277VAC
MZD20-C02	IRC Dimming Version, 2 zone, 2 relay, 347VAC
MZD30-C01	IRC Dimming Version, 3 zone, 1 relay, 347VAC

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