

ISI-EPC-2-D

UL924 Emergency Power Control



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM

Emergency Power Control for 0-10V & DALI Dimmable Loads



UL 924 Listed
Self-Testing
Self-Diagnostic



LED
Compatible



0-10V
Dimmer
Compatible



5 Year
Warranty



APPLICATION

In the past, emergency lights were kept on 24 hours a day to meet life safety codes. Now, you can use a UL 924 listed **Emergency Power Control, Model EPC-2-D**, to convert normal light fixtures into approved emergency lights. The **EPC-2-D** saves energy and money while ensuring compliance with both life safety and energy codes.

During normal operation, the same dimmer, occupancy sensor, dimming panel, or lighting control can switch normal and emergency fixtures on and off simultaneously.

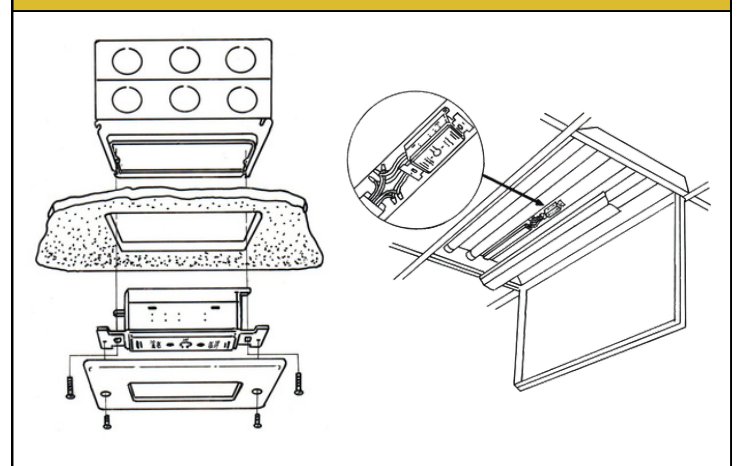
During a utility power interruption, the **EPC-2-D** automatically bypasses the normal lighting controls, turning the emergency lights ON, regardless of switch position.

The **EPC-2-D** is ceiling or wall mounted in a junction box with a single gang plaster ring and is usually located in the area where the emergency fixtures are installed.

FEATURES

- Isolated 0-10V relay contact ensures full brightness during utility power interruption, regardless of dimmer model.
- Unique, Patented Automatic Diagnostic When the room switch is turned off, the **EPC-2-D** will run a 2.5 self-test routine, verifying that the emergency power source was available and that the **EPC-2-D**, ballast, and lamp(s) are all functioning correctly. This feature eliminates the need for time-consuming and costly manual monthly testing and is approved for this purpose. This also allows the unit to be installed in remote or inaccessible locations, because the unit does not rely on access to its manual test switch.
- Fire Alarm, Remote Test & 0-10V Dimming Option
- Utility & Emergency Power Indicator LEDs
- Slim, attractive flush mount profile allows easy access to manual test switch and LED's.

MOUNTING



ORDERING GUIDE: ISI-EPC-2-D

SPECIFICATIONS

- Sensing Input: 120-277 VAC
- Load Rating: 120-277 VAC (20 A)
- Ballast Load Rating: 20A (120-277 V)
- Incandescent Load: 1200w (120 V) / 1500w (277 V)
- Warranty: 5 Year Replacement Warranty
- Mounting: 4-11/16" Junction Box w/ Single Gang Plaster
- Rating: UL94-5VA
- Shipping Weight: Color: 12 oz. / White
- Temperature: 32-140°F (0-60°C)
- Flush Mounted Size: Single Gang Size
- Body Size: 1.7" x 3" x 12" (W x H x D)

For 0-10V & DALI Dimmable Loads



SINGLE LINE DIAGRAM



- Installation Sheet
- FAQ Sheet
- Alternative Wiring Sheet
- Terms & Conditions / Warranty Information
- Fire Alarm Tie-In/Override

Rev. 20260910
Specifications subject to change without warning.