ISI-EPC-2

UL924 Emergency Power Control

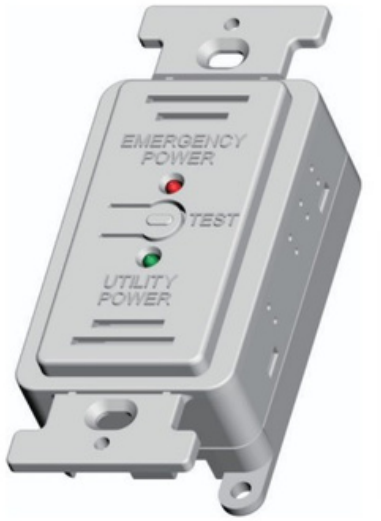
Inverter Systems, Inc.
WWW.INVERTERSYSTEMSINC.COM

Emergency Power Control for Switched Loads

UL 924 Listed Self-Testing Self-Diagnostic

LED 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, to convert normal light fixtures into approved emergency lights. The EPC-2 saves energy and money while ensuring compliance with both life safety and energy codes.

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

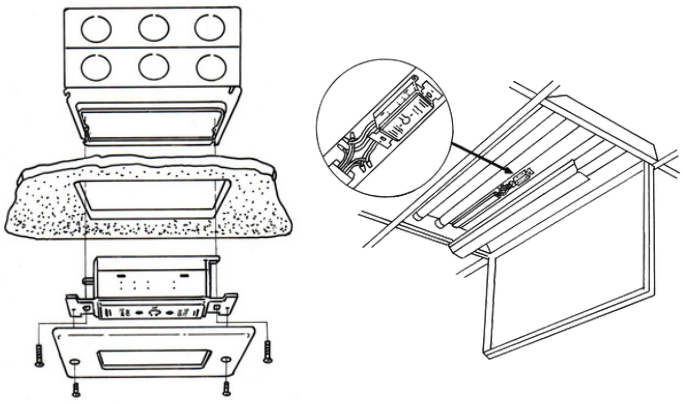
During a utility power interruption, the EPC-2 automatically bypasses the normal lighting controls, turning the emergency lights ON, regardless of switch position.

The EPC-2 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

- Unique, Patented Automatic Diagnostic When the room switch is turned off, the EPC-2 will run a 2.5 self-test routine, verifying that the emergency power source was available and that the EPC-2, 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
- 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

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)

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Rev. 202503181
Specifications subject to change without warning.

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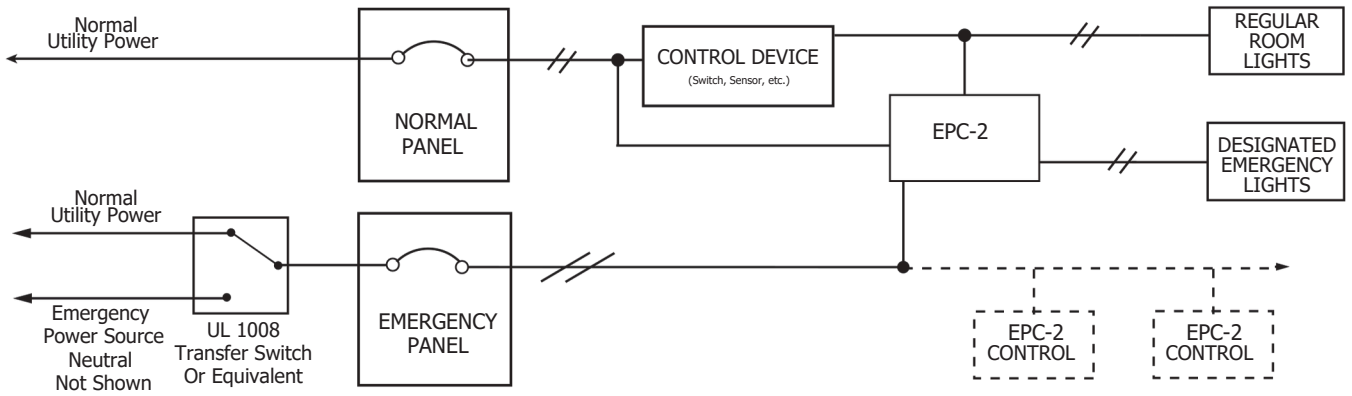
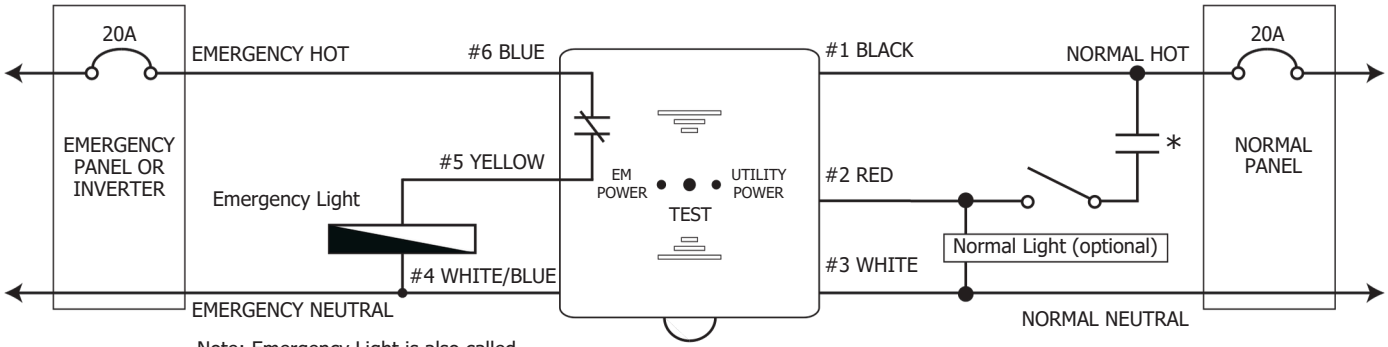
SINGLE LINE DIAGRAM



WIRING DIAGRAM



Note: Emergency Light is also called N/E Light or Normal/Emergency Light by many specifiers

Red Fire Alarm Jumper (see

∗ Relay Panel, Power Pack, Sensor, or other (optional)

ADDITIONAL RESOURCES

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

https://invertersystemsinc.com/assets/catalog/installation-guides/EPC-2-Installation-Instructions.pdf