

ISI-EPC-A-2

UL924 Emergency Power Control



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM

Intended for Use with Switching Controls



UL 924 Listed
Self-Testing
Self-Diagnostic



LED
Compatible



5 Year
Warranty



**Mounting ears can be quickly removed with pliers to permit mounting using threaded hub.*

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

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

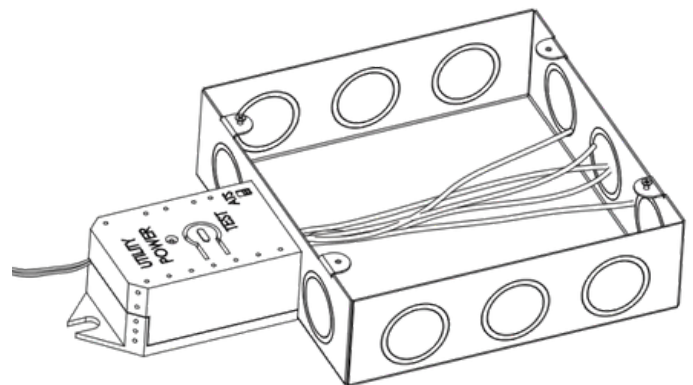
During a utility power interruption, the **EPC-A-2** automatically bypasses the normal lighting controls, turning the emergency lights ON, regardless of switch position.

The **EPC-A-2** boasts a universal mount design with ears; allowing the device to be nipple, fixture, panel or box mounted. This enables the EPC-A-2 to adapt to the application requirements.

FEATURES

- Fire Alarm Override / Remote Test Switch Input
- Utility Power Indicator LED
- Universal Mount Design: Contractor friendly design similar to industry standard power packs for quick and easy installation.
- Unique, Patented Automatic Diagnostic: When the room switch is turned off, the EPC-A-2 will run a 2.5 self-test routine, verifying that the emergency power source was available and that the EPC-A-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 it's manual test switch. Field selectable via "ATS" slider switch.

MOUNTING



2-1/2" (L) x 1-5/8" (W) x 1-3/8" (H)
(excluding ears/hub)

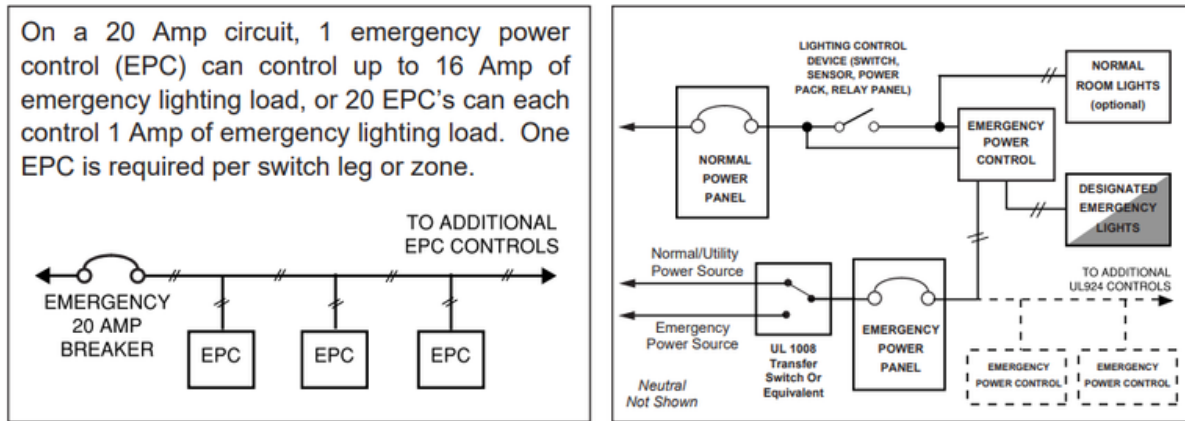
Field wiring leads: 7.5"

ISI-EPC-A-2

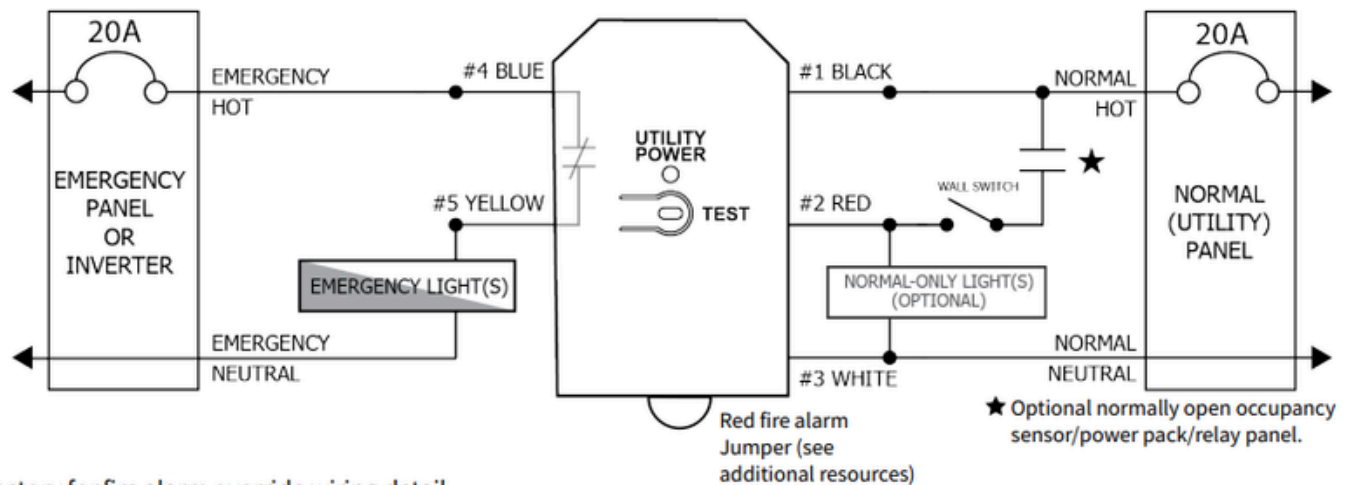
For Switching Controls



SINGLE LINE DIAGRAM



WIRING DIAGRAM



Contact factory for fire alarm override wiring detail.

SPECIFICATIONS

- | | | | |
|--------------------------|--|----------------------------------|---|
| • Model Number: | EPC-A-2 | • Warranty: | 5 Year Limited Warranty |
| • Sensing Voltage: | 120-240/277V | • Mounting: | Nipple on 1/2" KO |
| • Load Voltage: | 120-277V | • Plenum Rating: | Plenum Rated. Tested to UL2043. UL94-5VA. |
| • Ballast / Driver Load: | 16A Electronic Ballast/LED Driver / General Use
5A Magnetic Ballast | • Shipping Weight / Color: | 4 oz. / Black |
| • Incandescent Load: | 1800w (120V) / 3000w (277v)
Normally Closed Output Contact | • Temperature: | -40°F-140°F (-40°C-60°C) |
| | | • Body Size: (without Hub/Ears): | 2-1/2" x 1-5/8" x 1-3/8" |
| | | • Body Size: (with Hub/Ears): | 3-5/8" x 1-5/8" x 1-3/8" |