

EPC 2 Series

Emergency power control for generator and mini inverters. Supplies power to switched lighting fixtures.



Mechanical specifications

- Mounts in 4-11/16" Junction box with single gang plaster ring
- UL94-5VA rating
- Shipping weight: 12oz
- Temperature: 32°F 140°F (0°C 60°C)
- Color: White
- Flush mounted single gang
- Body size: 3" x .7" x 1.2"

Emergency Operation

 The EPC-2-L & EPC-2-D-Lwill operate any lamp type in the designated fixture for the duration of the generator or mini inverter supply

Initial illumination

• The EPC-2-L & EPC-2-D-L will operate the designated lamp at full light output

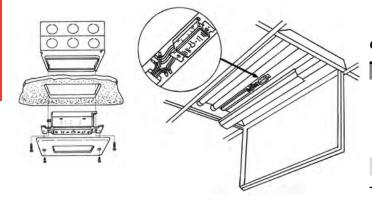
Approval

• UL924 Listed

Wiring diagrams

• Visit our website: lightalarms.com

Mounting



Housing

 Compatible with LED, fluorescent and incandescent lamp types including standard, energy-saving, and electronic AC drivers and ballasts¹

Mounting

· Wall or ceiling mount

Options

- 0-10V Dimming standard on the EPC-2-D-L model
- Advanced Diagnostics standard EPC-2-L and EPC-2-D-L

Lamp types

 During utility power interruption, automatically connects generator or inverter circuit to emergency fixture and bypasses switching control to full light output for duration of inverter or generator supply

Lumen output

- Allows switching control of emergency fixtures during normal operation
- Allows auxiliary generator power on a switched lighting fixture

Power requirements

• Dual voltage 120/277V 60Hz

Approvals

 Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

Warranty (subject to proper installation and maintenance)

Unit has a five-year warranty

Detailed warranty terms located on page 197 or online at: www.lightalarms.com

¹ When using EPC-2-L & EPC-2-D-L to control more than 10 emergency ballasts with a high corrective power factor capacitor, consult factory for more information regarding inrush currents.



UL924 LISTED

Ordering information

Series

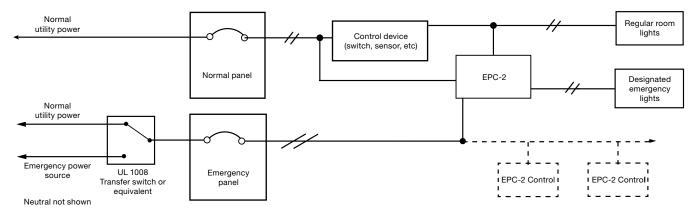
EPC-2-L= Emergency transfer switch

EPC-2-D-L= Emergency transfer switch with Advanced Diagnostics and 0-10 dimming

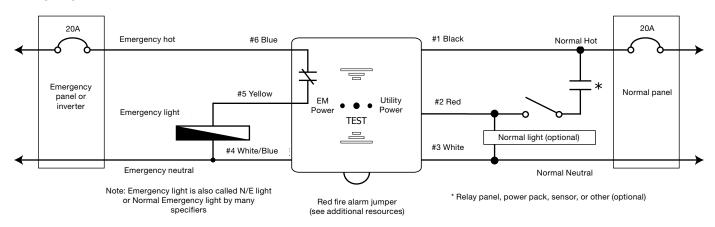
Example: EPC-2-D-L



Single line drawing



Wiring diagram



Specifications

Electrical	
Model number	EPC-2
Sensing input	120V-277V
LED load rating	120V-277V (20A)
Ballast load rating	20A (120-277V)
Incandescent load	1200W (120V)/1500W (277V)
Warranty	Five-year replacement warranty

Mechanical	
Mounting	4-11/16" Junction box with single gang plaster
Rating	UL94-5VA
Shipping weight/Color	12 oz. / White
Temperature	32°F - 140°F (0°C - 60°C)
Flush mounted size	Single gang size
Body size	1.7" X 3" X 1.2" (W X H X D body)

NOTE

When using EPC in conjunction with Lightalarms Mini-Inverter, the inverter must be non self-test/self diagnostics model.