



TYPE _____

CATALOG # _____

NOTES _____

EPC-1-L & EPC-1-D-L SERIES

Emergency Transfer Switch
for Generator Supplies Power to
Switched Lighting Fixtures



FEATURES

Housing

- Thermoplastic UL94-5VA suitable for plenum installations
- Compatible with LED, fluorescent and incandescent lamp types including standard, energy-saving, and electronic AC drivers and ballasts¹

Mounting

- Wall and ceiling mount

Options

- 0-10V Dimming standard on the EPC-1-D-L model
- Improved-Diagnostics standard on the EPC-1-D-L model

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

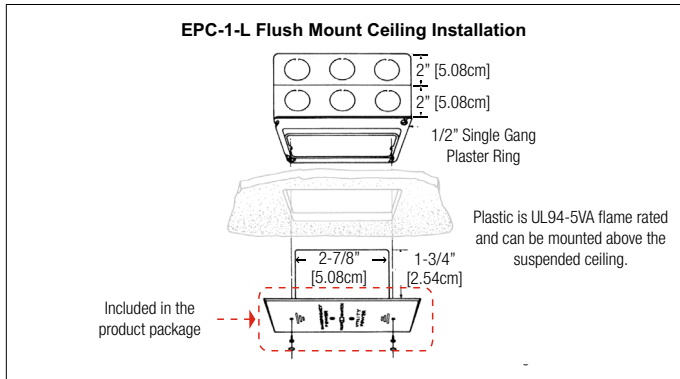
Warranty (subject to proper installation and maintenance)

- Unit has a three year warranty

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

DIMENSIONS

Dimensions are approximate and subject to change.



SPECIFICATIONS

The Lightalarms® EPC-1-L & EPC-1-D-L Emergency Transfer Switch allows the use of auxiliary generator power on a switched fixture in power failure situations. The EPC-1-L & EPC-1-D-L senses the loss of normal AC power and switches the AC ballast to the auxiliary generator supply. The EPC-1-L & EPC-1-D-L will operate the lamps at full light output for as long as the generator is able, and will work in conjunction with any lamp type and fixture on the generator circuit. Dimming ballasts require one EPC-1-L & EPC-1-D-L for each hot lead. Load dimming required one dimmer for the regular load and another one for time emergency load.

Electrical Specifications:

- Model EPC-1-L & EPC-1-D-L 120/277V
- 120V or 277V Sensing Input
- 120V or 277V Load
- 1800W Incandescent Load Rating at 120V
- 1500W Incandescent Load Rating at 277V
- N.C. Contact
- UL924 Listed
- 20 Amp Ballast Load Rating

Mechanical Specifications:

- Mounts in 4-11/16" Junction Box with single gang plaster ring
- UL94-5VA Rating
- Shipping Weight: 8 oz
- Temperature: 32°F - 140°F (0°C - 60°C) | Color : White
- Flush Mounted Size: 4-3/4" x 2-3/4" x 1/4"
- Body Size: 2-7/8" x 1-3/4" x 1-3/4"

Emergency Operation

The EPC-1-L & EPC-1-D-L will operate any lamp type in the designated fixture for the duration of the generator supply

Initial Illumination

The EPC-1-L & EPC-1-D-L will operate the designated lamp at full light output

Weight	8 oz
Approval	UL924 Listed

WIRING DIAGRAMS

Visit our website: <http://www.lightalarms.com>

ORDERING FORMAT

SERIES	DESCRIPTION
EPC-1-L	Emergency transfer switch
EPC-1-D-L	Emergency transfer switch with Improved-Diagnostics and 0-10 dimming

EXAMPLE: EPC-1-L