LUT-ALCR-FM

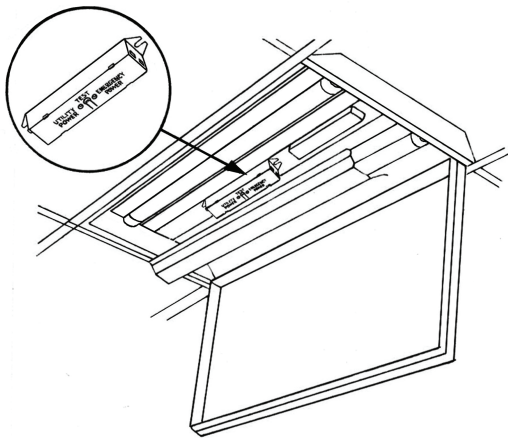## Emergency Power Control
For Switched Loads

Project: _____

Model No.: _____

Comments: _____

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 LUT-ALCR-FM, to convert normal light fixtures into approved emergency lights. The LUT-ALCR-FM 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 LUT-ALCR-FM automatically bypasses the normal lighting controls, turning the emergency lights ON, regardless of switch position.

The LUT-ALCR-FM is fixture mounted.

MOUNTING

LED COMPATIBLE

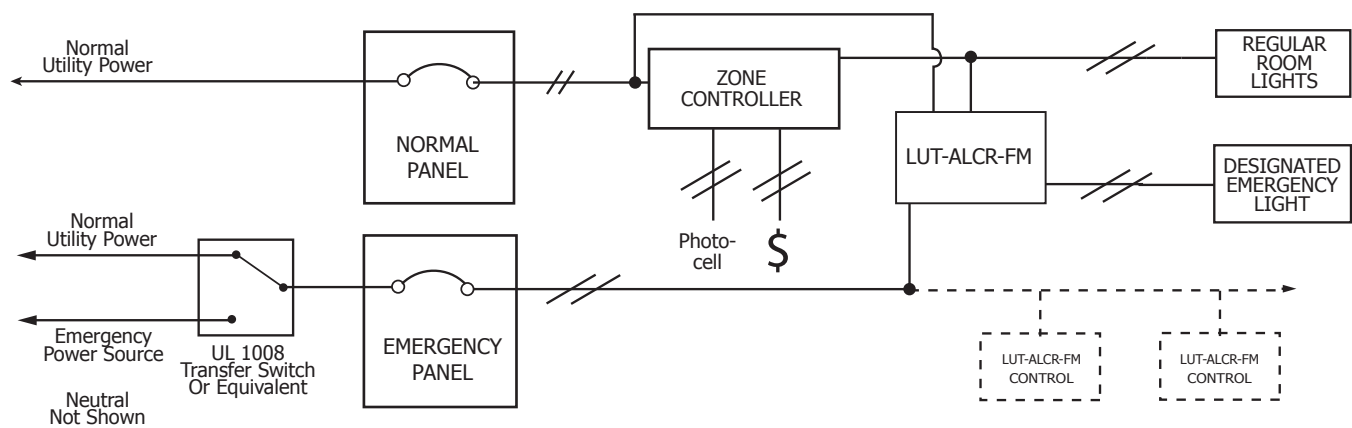UL924 LISTED

5 YEAR WARRANTY

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 LUT-ALCR-FM will run a 2.5 self-test routine, verifying that the emergency power source was available and that the LUT-ALCR-FM, 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 Option
- Utility & Emergency Power Indicator LED's
- Slim, profile allows mounting in most ballast channels.
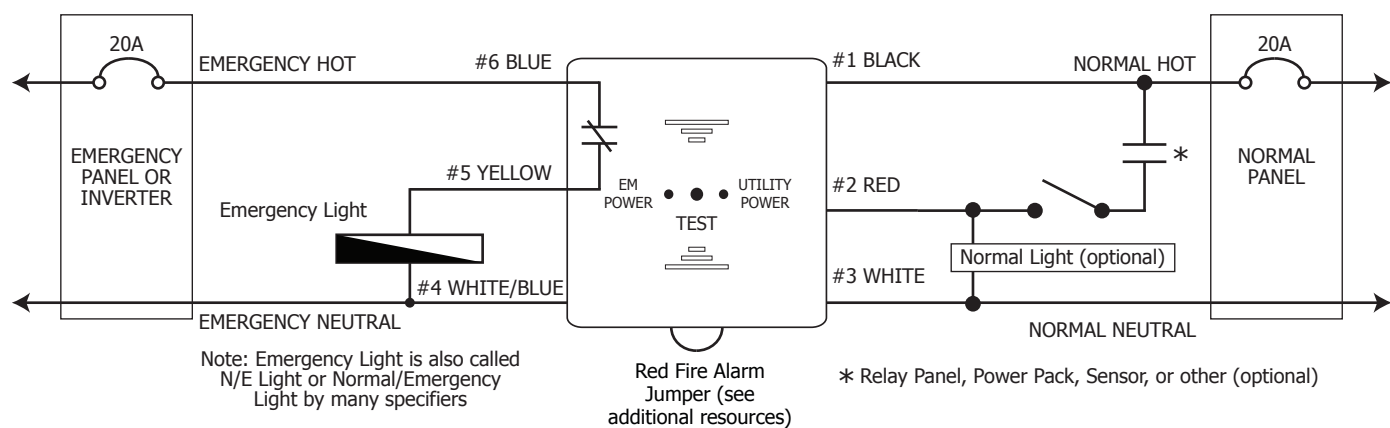
Gary Gilgur
EM Supply LLC

EM SUPPLY

(973) 650-0853
Sales@EM-Supply.com
www.EM-Supply.com

SINGLE LINE DRAWING

Normal Utility Power

NORMAL PANEL

ZONE CONTROLLER

Photo-cell

$

LUT-ALCR-FM

REGULAR ROOM LIGHTS

DESIGNATED EMERGENCY LIGHT

Normal Utility Power

Emergency Power Source

Neutral Not Shown

UL 1008 Transfer Switch Or Equivalent

EMERGENCY PANEL

LUT-ALCR-FM CONTROL

LUT-ALCR-FM CONTROL

WIRING DIAGRAM

20A

EMERGENCY HOT

#6 BLUE

#1 BLACK

NORMAL HOT

20A

EMERGENCY PANEL OR INVERTER

Emergency Light

#5 YELLOW

EM POWER

UTILITY POWER

TEST

#2 RED

#3 WHITE

Normal Light (optional)

NORMAL PANEL

#4 WHITE/BLUE

EMERGENCY NEUTRAL

NORMAL NEUTRAL

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

Red Fire Alarm Jumper (see additional resources)

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

SPECIFICATIONS

ELECTRICAL	MODEL NO.	LUT-ALCR-FM
	SENSING INPUT	120V - 277V
	LED LOAD RATING	1A (120-277V)
	BALLAST LOAD RATING	5A (120-277V)
	INCANDESCENT LOAD	360W (120V) / 600W (277V)
	WARRANTY	5 Year Replacement Warranty

MECHANICAL	MOUNTING	Fixture Mount, Panel Mount
	RATING	UL94-5VA, Damp Location Rated
	SHIPPING WEIGHT / COLOR	8 oz. / Black
	TEMPERATURE	32ºF - 140ºF (0ºC - 60ºC)
	BODY SIZE	125mmx25.4mmx30mm (L x H x W)

Note: The LUT-ALCR-FM is intended to control one light fixture, for multiple fixtures please use LUT-ALCR

ORDERING INFORMATION

LUT-ALCR-FM

ADDITIONAL RESOURCES

- Installation Sheet
- FAQ Sheet
- Alternative Wiring Sheet
- Terms & Conditions/Warranty Information
- Fire Alarm Tie-In/Override
  www.lvscontrols.com/assets/UL924FAI.pdf

Gary Gilgur
EM Supply LLC

EM SUPPLY

(973) 650-0853
Sales@EM-Supply.com
www.EM-Supply.com