

SimFlame

LM431 – 3 Channel Simulated Flame Module

SimFlame Lamp Flicker Module

visit – www.simflame.com for additional information

Model: LM431

Features:

Non-repeating flame effect.

3 independent lamp output channels.

8 Flame effect settings.

Selectable operation – Normal, By-pass or Stealth.

Seed starting number easily changed.

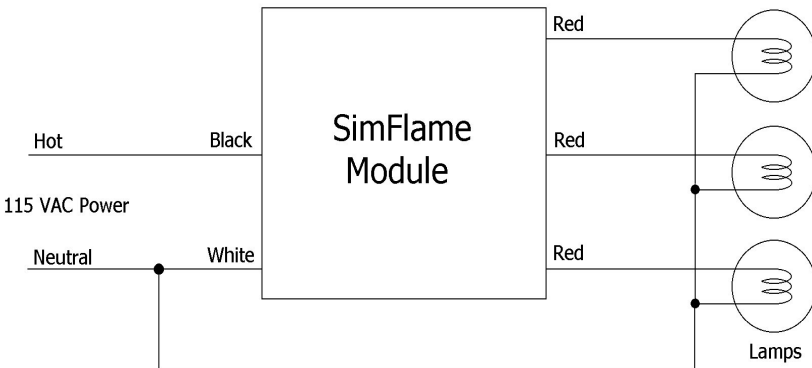
Can be safely handled while operating.

Low power consumption.

Operates on 100 – 130 VAC @ 60 cycles.

Fireproof epoxy encased.

1 Year warranty.



Wiring Diagram

Switch Settings:

Switch #1 – depth of flicker:

- a) down = subtle
- b) up = deep

Switch #2 – speed of flicker:

- a) down = slow
- b) up = fast

Switch #3 – average intensity:

- a) down = dim
- b) up = bright

Switch #4 – channel operation:

- a) down = independent
- b) up = same

Option Switches:

<u>Operation</u>	<u>Switch #5</u>	<u>Switch #6</u>
Normal	down	down
By-Pass	up	down
Stealth	down	up
Seed change	up	up

Operation Description:

Normal mode – lamps will always flicker when powered.

By-Pass mode – lamps flicker normal when first powered, briefly interrupt power to bring lamps to full brightness.

Stealth mode – lamps are at full brightness when first powered, briefly interrupt power to flicker lamps.

The module must remain unpowered for 5 or more seconds to reset all operation conditions. Switches 5 and 6 are only read when module is first powered.

Seed Number Change:

To change the seed numbers – switches 5 and 6 must be up (or on), power the module normally, after operating the module for a short time, briefly interrupt the power, the lamps will cycle on then off one at a time indicating the process was successful then return to normal flicker, power module off then set switches 5 and 6 to desired settings.

Fuse Replacement:

If your module has the optional fuse holder, turn power off, fuse holder screws apart and uses a 1.0 amp 5x20mm fuse.

Disclaimer and Warranty

Jerry's Electronics LLC warrants all Simflame™ products to be free of functional defects, assuming proper application and normal use, for a period of one (1) year from date of purchase. The company will correct such defects by repair or replacement, at its option, if product is returned prepaid with proof of original purchase date. Please note that defects resulting from miswire, short circuit or output overload may be verified by factory tests and are specifically excluded from warranty.

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