



Solving your relay requirements since 1922

Amperite Co.

(800) 752-2329  
www.Amperite.com

## GF Series Flasher

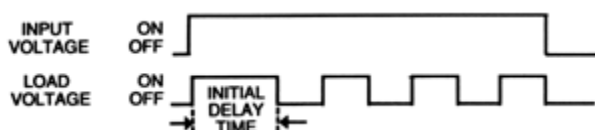


- ... Hermetically sealed
- ... Thermal flasher circuitry
- ... Long life
- ... 0.5A load rating @ 115V AC
- ... All units work on AC and DC input voltage
- ... Octal & 9-pin glass tube configuration
- ... 6V to 115V input voltages available
- ... UL File #E96739 (M)

### Timing Mode:

Load is energized upon application of power. After initial delay time, flashing cycle begins.

### Timing Diagram:



### Contact Information:

Arrangement: 1 form B (SPST - Normally closed) - Delay on Break

Contact Material: Silver - Cadmium Oxide

Rating (Resistive) 0.5A @ 115V AC, 1.5A intermittent, 60 ma. Minimum load

Expected Life @ 25°C: 500,000 operations minimum at rated loads

### Environmental Information:

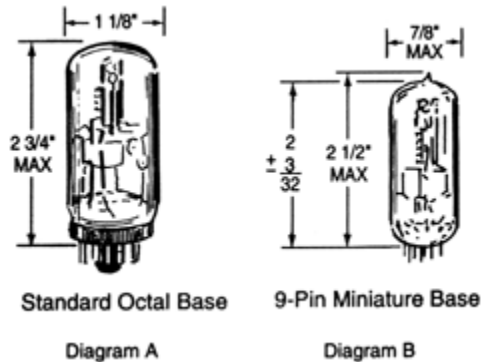
Temperature Range: Operating & storage: -55°C to +80°C (-67°F to +176°F)

### Mechanical Information:

Termination & Enclosure: Octal style, or 9-pin miniature style glass envelope. See diagram A & B.

Weight: 1 oz (28g) approx.

### Outline Dimensions:



### Timing Specifications:

Flash Rate - Fixed: Standard flash rates from 10 - 90 FPM are available. **Custom rates are also available.**

### Initial Dielectric Strength:

Between open contacts: 250V RMS

### Input Information:

Voltage: AC or DC - 6V, 12V, 26V, 50 and 115V. **Other voltages are available.**

Power Requirement: 1.0 Watt approximate.

Transient Protection: impervious to transients.

Polarity Protection: None required

### Input Voltages & Limits:

| Nominal    | Minimum | Maximum |
|------------|---------|---------|
| 6V AC/DC   | 4V      | 8V      |
| 12V AC/DC  | 10V     | 14V     |
| 26V AC/DC  | 22V     | 30V     |
| 50V AC/DC  | 42V     | 56V     |
| 115V AC/DC | 90V     | 130V    |

### Wiring Diagrams:



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#### Base Wiring 9-Pin Miniature

Pins 1 & 6 - Heater  
Pins 3 & 4 - First Contact  
Pins 8 & 9 - Second Contact

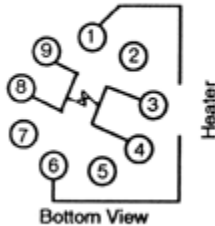


Diagram C

#### Base Wiring Standard Octal

Pins 2 & 3 - Heater  
Pin 5 - First Contact  
Pin 7 - Second Contact

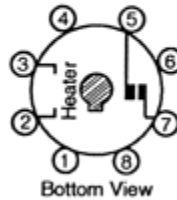


Diagram D

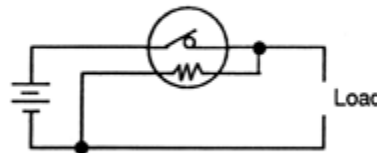


Diagram E



### Ordering Information:

Definition of a part number for the Amperite GF Series Flasher.

Example:

115 F 45 T  
↑ ↑ ↑ ↑  
A B C D

**A:** Denotes nominal input voltage. Voltages available: 6, 12, 26, 50 & 115V AC/DC.

**Custom Voltages are available.**

**B:** Denotes flasher configuration.

**C:** Denotes flash rate. Standard flash rates from 10 - 90 FPM are available. **Custom rates are available.**

**D:** Denotes type of glass envelope. Blank = Octal style. T = 9-pin miniature style.



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