DFWS Series Solid State AC &DC Flashers
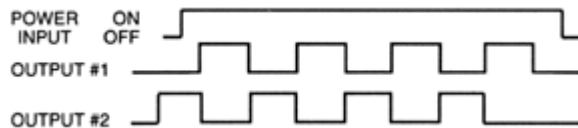
… 100% solid state circuitry - no moving parts
… Alternating output - drives two independent loads
… Zero AC voltage switching - no RFI
… 10 ampere current rating
… Suitable for incandescent and inductive loads
… Fixed flash rates from 1 to 1000 FPM
… Duty cycle 50%
… UL File pending
… CSA File pending

Timing Mode:
On/off alternating solid state flasher with two independent output circuits. Flash rates are fixed and are available from 1 to 1000 flashes per minute (FPM). Duty cycle is 50%; other duty cycles available.
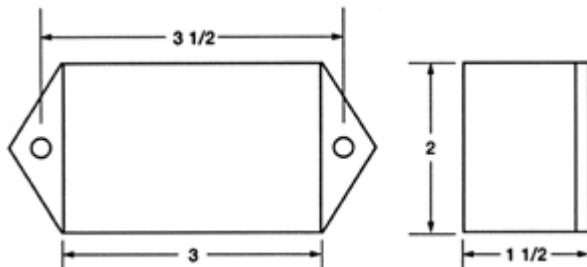
Timing Diagram

Output Circuit:
Solid state switching device. Current rating 10 amperes RMS. Inrush current rating 10 times steady state value. Expected Life @ 25°C: indefinite, no moving parts to wear out.

Environmental Information:
Operating & storage temperature range: -23°C to +60°C, (-10°F to +140°F)

Outline Dimensions:

Mechanical Information:
Termination: .250 quick connect male terminals. Enclosure: 2 x 3 x 1-1/2 inch black plastic case, epoxy sealed. Two hole mounting. For full load operation the unit must be mounted to a suitable heat sink for proper heat dissipation.

Timing Specifications:
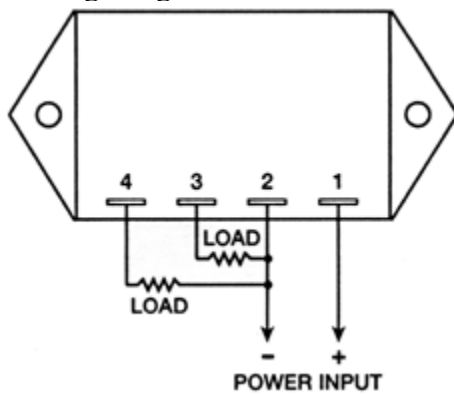Standard flash rates: 30, 45, 60, 75, 90 and 120 FPM. **Custom rates are available.**

Input Voltages:
12, 24, 48,120, and 240 volts AC; 12, 24, 36, 48, and 110 volts DC. **Custom voltages are available.**

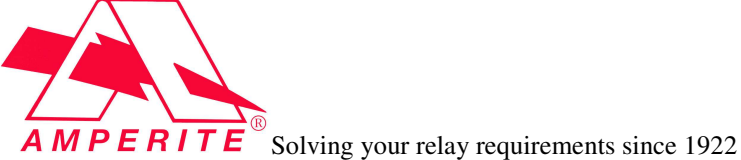**Input Voltage Limits:**
+/- 10% of nominal.

Wiring Diagram:

Ordering Information:
Ordering Information: Definition of a part number for the Amperite DFWS Series Alternating Flasher:
Example:

A: Denotes nominal input voltage. Voltages available: 12, 24, 48,120, and 240 volts AC; 12, 24, 36, 48, and 110 volts DC. For other voltages consult factory.

B: Denotes type of input power required for operation
A = AC - Alternate Current
D = DC - Direct Current

C: Insert F for flasher.

D: Denotes number of flashes per minute (FPM). Standard rates are 30, 45, 60, 75, 90, and 120 FPM. **Custom rates are available from 1 to 1000 FPM.**

E: Denotes Amperite DFWS Series solid state alternating flasher.

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