

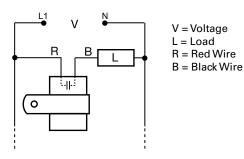
FS100 SERIES

Low Current Flasher





Wiring Diagram



Description

The FS100 Series (low current) may be used to control inductive. incandescent or resistive loads. This series offers a 1A (fullwave) or a 2A (halfwave) steady state, 10A inrush solid-state output and may be ordered with an input voltage of 24 or 120VAC. The FS100 Series offers a factory fixed flash rate of 75 FPM or may be ordered with a fixed, custom flash rate ranging from 45 to 150 FPM. Ideal for OEM applications where cost is a factor.

Upon application of input voltage, the T2 OFF time begins. At the end of the OFF time, the T1 ON time begins and the load energizes. At the end of T1, T2 begins and the load de-energizes. This cycle repeats until input voltage is removed.

Reset: Removing input voltage resets the output and the sequence to T2.

Features & Benefits

| FEATURES | BENEFITS | | |
|--|---|--|--|
| Compact Size: 38 x 23.9mm (1.5" x 0.94") | Ideal for OEM applications | | |
| Custom Flash Rates Available | Tailor to specific application: custom rates range from 45 to 150 FPM | | |

Accessories



P1023-2 "P" Clamp Mounting Bracket Alum. 15/16

Ordering Information

| MODEL | INPUT VAC | OUTPUT RATING A | OUTPUT TYPE AC | LOAD TYPE | FLASH RATE | | |
|------------|-----------|-----------------|----------------|--------------------------------------|------------|--|--|
| FS126 | 120 | 1 | Fullwave | Incandescent & Resistive | 75 FPM | | |
| FS126-45 | 120 | 1 | Fullwave | Incandescent & Resistive | 45 FPM | | |
| FS126-60 | 120 | 1 | Fullwave | Incandescent & Resistive | 60 FPM | | |
| FS126RC | 120 | 1 | Fullwave | Incandescent, Resistive, & Inductive | 75 FPM | | |
| FS126RC-45 | 120 | 1 | Fullwave | Incandescent, Resistive, & Inductive | 45 FPM | | |
| FS127 | 120 | 2 | Halfwave | Incandescent & Resistive | 75 FPM | | |
| FS146 | 24 | 1 | Fullwave | Incandescent & Resistive | 75 FPM | | |
| FS146RC | 24 | 1 | Fullwave | Incandescent, Resistive, & Inductive | 75 FPM | | |

If you don't find the part you need, call us for a custom product 800-843-8848

Flashers and Tower Lighting Controls

Flashers



FS100 SERIES

Specifications

Technical Data

OFF/ON solid-state flasher (continuous duty) Operation

Flash Rate Factory fixed at 75 FPM ±20% **Custom Flash Rates Available** From 45-150 FPM ±20%

ON/OFF Ratio ≃ 50%

Input

Voltage 24, 120VAC, ±15% **AC Line Frequency** 50/60Hz

Output

Output Fullwave AC or Halfwave rectified AC **Load Type** Incandescent, resistive, or inductive (Choose RC suffix for inductive loads)

Maximum Load Rating Fullwave: 1A steady state

Halfwave: 2A steady state

Inrush 10A

Mechanical

Mounting Removable mounting bracket, use one #8

(M4 x 0.7) screw

Connection/Wires 18 AWG (0.82mm2) wires 6 in. (15.2cm) **Dimensions H** 38.1 mm (1.5"); **W** 23.9 mm (0.94")

Protection

Circuitry Encapsulated

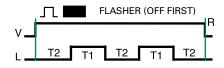
Environmental

Operating/Storage

Temperature -20 $^{\circ}$ to 60 $^{\circ}$ C / -40 $^{\circ}$ to 85 $^{\circ}$ C Humidity 95% relative, non-condensing

Weight $\approx 1.1 \text{ oz } (31 \text{ g})$

Flasher Function Diagram



V = VoltageR = ResetL = LoadT1 = ONTime T2 = OFFTime T1 ≅T2