

Universal Flasher FSU1000 Series Solid State Flasher



- All Solid State – No Moving Parts or Contacts
- Knob Adjustable Flash Rate
- Loads up to 4800 W
- High Inrush – Up to 200 A
- Universal Voltage – 24 ... 240 V AC

Description

The FSU1000 incorporates an onboard adjustable flash rate of 10 to 100 flashes per minute and a universal input voltage in one device. Its circuitry is fully encapsulated and is capable of controlling loads of up to 20 A. The versatility of the FSU1000 makes it ideal for applications where various flash rates and operating voltages are required.

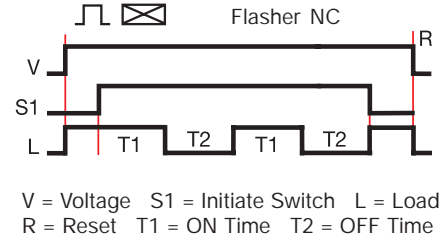
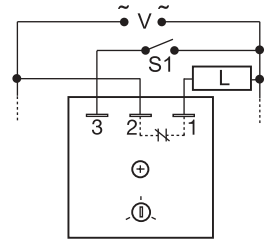
Operation

When input voltage is applied to terminal 2 and the load (lamp), the load energizes steadily. When input voltage is applied to terminal 3, the output flashes.

Optional Low Current Switch (S1)

This low current switch could be a limit switch or contact. While open, the operator sees the load (lamp) ON and operating. When the limit switch closes, the load (lamp) flashes to attract attention.

- Approvals:

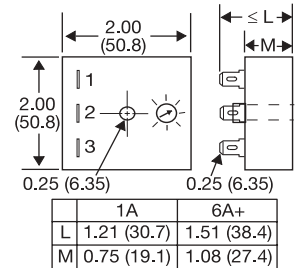


| Inrush Rating | Rating | Part Number |
|---------------|--------|-------------|
| 10 A | 1 A | FSU1000 |
| 60 A | 6 A | FSU1003 |
| 100 A | 10 A | FSU1004 |
| 200 A | 20 A | FSU1005 |

Technical Data

| Specifications | |
|-----------------------|---|
| Modes of Operation | ON/OFF recycling solid state flasher (continuous duty) |
| Operating Voltage | 24 ... 240 V AC, 50 ... 60 Hz |
| Flash Rate | Adjustable 10 ... 100 FPM |
| ON/OFF Ratio | ≅ 50% |
| Load Type | Inductive, resistive, or incandescent |
| Maximum Load Rating | 1, 6, 10, or 20 A steady state |
| Inrush | 10 times steady state current |
| Circuitry | Encapsulated |
| Mounting * | Surface mount with one #10 (M5 x 0.8) screw |
| Termination | 0.25 in. (6.35 mm) male quick connect terminals |
| Operating Temperature | -20°C ... +60°C (240 V AC +50°C) |
| Storage Temperature | -40°C ... +85°C |
| Weight | 1 A units: ≅ 2.4 oz (68 g) 6 A units: ≅ 3.9 oz (111 g) |

Inches (Millimeters)



Accessories

Female quick connect
P/Ns:
P1015-13 (AWG 10/12)
P1015-64 (AWG 14/16)
P1015-14 (AWG 18/22)



Quick connect to screw adaptor
P/N: P1015-18



*Units rated ≥ 6 A must be bolted to a metal surface using the included heat sink compound. The maximum mounting surface temperature is 90°C.

See accessory pages at the end of this section.