The FSU1000 incorporates an onboard adjustable flash rate of 10 to 100 FPM and a universal input voltage in one device. Its circuitry is encapsulated and is capable of controlling loads of up to 20A. 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.

**Available Models:**
- FSU1000
- FSU1003
- FSU1004
- FSU1005

**Features:**
- All solid state – no moving parts or contacts
- Onboard adjustable flash rate
- Loads up to 20A
- High inrush up to 200A
- Universal voltage 24 to 240VAC

**Auxiliary Products:**
- Female quick connect:
P/N: P1015-13 (AWG 10/12)
P/N: P1015-64 (AWG 14/16)
P/N: P1015-14 (AWG 18/22)
- Quick connect to screw adaptor:
P/N: P1015-18

**Order Table:**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Inrush Rating</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>10A</td>
<td>FSU1000</td>
</tr>
<tr>
<td>6A</td>
<td>60A</td>
<td>FSU1003</td>
</tr>
<tr>
<td>10A</td>
<td>100A</td>
<td>FSU1004</td>
</tr>
<tr>
<td>20A</td>
<td>200A</td>
<td>FSU1005</td>
</tr>
</tbody>
</table>

**Specifications:**
- **Technical Data**
  - Operation: ON/OFF recycling solid-state flasher (continuous duty)
  - Flash Rate: Adjustable 10 - 100 FPM
  - ON/OFF Ratio: ≅ 50%
  - Input Range/Frequency: 24 to 240VAC/50/60Hz
  - Output Load Type: Inductive, resistive, or incandescent
  - Maximum Load Rating: 1, 6, 10, or 20A steady state
  - Inrush: 10 times steady state current

- **Mechanical**
  - Surface mount with one #10 (M5 x 0.8) screw
  - Dimensions: 2 x 2 x 1.21 in. (50.8 x 50.8 x 30.7 mm)
  - Termination: 0.25 in. (6.35 mm) male quick connect terminals

- **Environmental**
  - Operating / Storage Temperature: -20° to 60°C (240VAC +50°C) / -40° to 85°C
  - Weight:
    - 1A units: ≅ 2.4 oz (68 g)
    - 6A units: ≅ 3.9 oz (111 g)

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

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**Flasher Function Diagram:**
Flasher (NC)

**FSU1000 Series Connection Diagram**

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*If unit is rated @ 1A, see Figure 2*