

# MODEL FL-200

## SOLID STATE FLASHER



### Overview:

The model FL-200 Flasher is designed to meet or exceed NEMA Standards TS 1-1994 and TS 2-2003 and is compatible with Type 170 installations. Model FL-200 Flashers are a dual circuit, solid state devices that are constructed with extruded aluminum exterior components which promote rapid heat dissipation to ensure lower operating temperatures and dependable, long term operation. All internal components are readily accessible to facilitate replacement.

- Maximum rated continuous load current is 15 Amps RMS over the entire operational temperature and voltage ranges. Triacs are rated for 25 Amps RMS.

- Maximum one cycle surge current is 175 Amps RMS at 120 VAC, 60 Hz.

- Maximum one second surge current: 40 Amps RMS at 120VAC, 60 Hz.

- Flash Rate:  $57 \pm 3$  flashes per minute with an On period of  $50 \pm 5\%$ .

- Off state leakage current less than 10 mA peak at 135 VAC RMS.

- $dV/dt$  : Greater than 200/usec.

- Operating Voltage Range: 89 to 135 VAC RMS at  $60 \pm 3$  Hz.

- Operating Temperature Range:  $-40^\circ$  to  $165^\circ$  F ( $-40^\circ$  to  $74^\circ$  C) to 135 VAC

- Dimensions: 8" (20.32 cm) Long x 4.17" (10.59 cm) High x 1.55" (3.94 cm) Wide