

SF-1200 AC FLASHER

The SF-1200 is a static flasher that has the unique feature of allowing the unit to operate on an AC input over the range of 80 to 240 VAC. The output is controlled by the same digital programmed flasher board used in the APF-247P. The flashed AC voltage equals the AC voltage input. The output is turned on and off only when the voltage crosses zero which eliminates any RFI/EMI radiation being generated by the unit. The SF-1200 can power 1200 watts of AC lamps configured as a single lamp, groups of lamps on a single circuit, or lamps mounted on a two-place APCL-120 lampchanger. Applications are North Sea systems, California offshore system, groups of pier lights, and flashed classical optics with large wattage lamps.

VERSATILITY

Wide Range of Input Voltage Accepted.

Flash rhythm is set by a replaceable PROM.

Photocell Daylight Control.

Specifications

Input Voltage: 80-240 VAC.

Output Voltage: 80-240 VAC matching input voltage.

Lamp Control: Any lamps with a voltage rating between 80V and 240 Volts. May control groups of lampchangers and 12V marine signal lamps through a transformer. Compatible with 12 Volt marine signal incandescent or halogen lamps and motorized lampchanger Model APL-1297, APL-1297A and FU-1297.

Output Wattage: Maximum of 1200 Watts.

Grounded in accordance with NEC Standards.

Daylight Control: Resistance set at: 1700 ohms - switch on; 1200 ohms - switch off. Adjustable.

Flash Rhythms: Single flash rhythm set by a PROM.

Timing Error: One percent.

Serviceability: Large screw type terminals to accept 3/8 inch lugs. Nickel alloy plated brass terminals to handle high currents. Terminals for AC input, ground, photocell, synchronization, and motorized lampchanger.

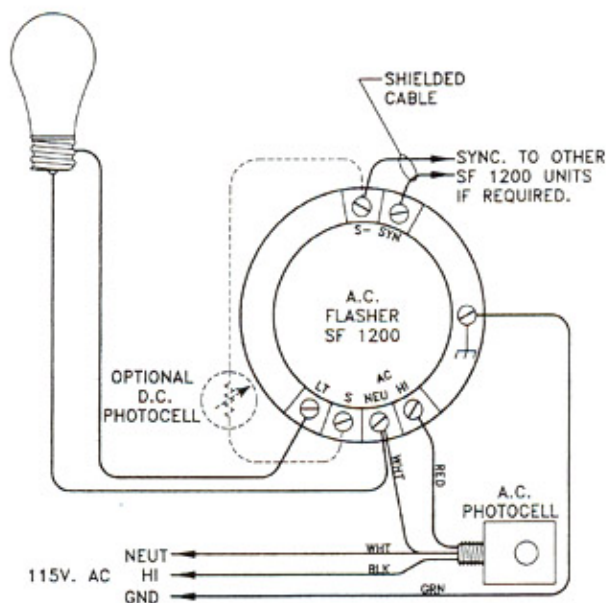
Environmental: Operating temperature -40 C to 85 C. Relative Humidity 0-100 percent. High Temperature Salt Fog. All PC board double coated with humiseal and terminals sealed with O-rings.

Synchronization: Terminal provided to allow flashing of multiple lamps in unison via hardwire or UNIFLASH®II wireless synchronization system. Sync output backward compatible with Automatic Power Inc. products produced since 1982.



Factory Mutual Approved in Lanterns rated for NEC Class 1, Division II.

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 **Automatic Power Inc**