

Ocean State Signal Co.

27 Thurber Blvd • Smithfield, RI 02917
(401) 231-6780 Fax: (401) 231-4390

SPECIFICATION SHEET

TITLE: SSF-87WB
Solid State NEMA Flasher

PART NO.:
SSF-87WP

PDC model SSF-87WP Solid State Flasher

Solid State Flasher with Replaceable Modules:

General Description:

The PDC model SSF-87WP is a dual pack, modular, solid state flasher designed specifically to meet NEMA specifications as well as New York "Model 204" specifications. Each flasher contains two individually replaceable modules that are enclosed in a dust resistant, metal enclosure, providing mechanical protection, and excellent heatsinking for the modules. The modules are easily accessible with the use of a screw driver. All major current paths on this unit use wires instead of a printed circuit board. Each module is encapsulated in epoxy resin.

Installation:

The flasher intermates with the model 332 cabinet as well as with any NEMA loadbay. It is easily installed or removed by grasping the extruded handle. Connector pinouts are shown in FIG 1. The connector mates with a Beau P-5406-LAB or equivalent.

Guarantee:

The flasher is fully guaranteed against all failure and manufacturing defects for two years

General Characteristics:

Load
Voltage..... 120 VAC
Current (max)..... 15.0 Amps
(Tungston filament load)

Off State
dv/dt..... 100V per microsecond
Line to load resistance.. 15k Ohms min.
Leakage current..... less than 20MA

Surge Current
One cycle..... 175 Amps RMS min.
One second..... 40 Amps RMS min.

Life
Operations..... 30 million min.

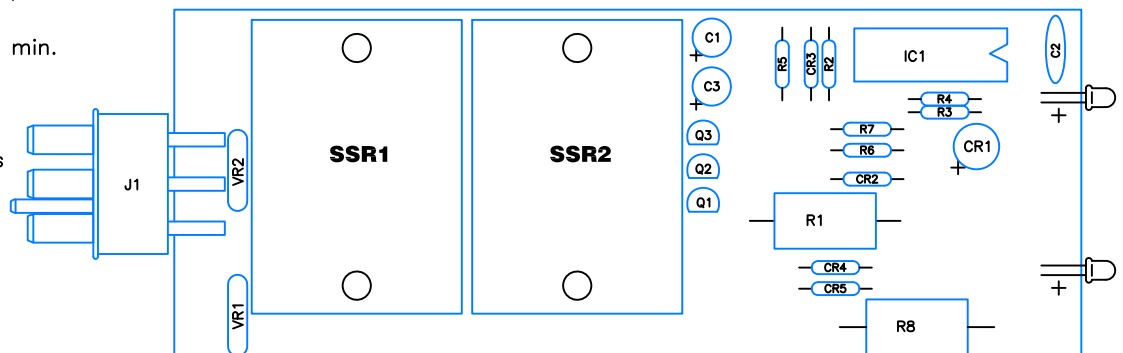
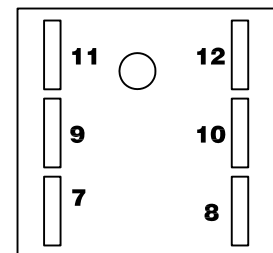
Mechanical
Length..... 8.40 inches
Width..... 1.70 inches
Height..... 4.185 inches
Weight..... 1.50 Lbs.

Operating Temperature:
-35 to +74 degrees C

Adjustments:
The model SSF-86 flasher has no adjustment.

FIG. 1

Pin	Function
7	Load #1
8	Load #2
9	Chassis Ground
10	AC+
11	AC-
12	Spare



For more information, visit our website at www.oceanstatesignal.com