



## **INSTRUCTIONS FOR 0841562 SOLID STATE ALTERNATING FLASHER**

### **ELECTRICAL**

<b>SPECIFICATIONS: OPERATING VOLTAGE</b>	<b>11 -15 V DC</b>
<b>LOAD CURRENT</b>	<b>6.5 AMPS MAXIMUM EACH SIDE (DESIGNED FOR UP TO 3 27W LAMPS PER SIDE) No minimum current</b>
<b>FLASH RATE DUTY CYCLE</b>	<b>70 +/-10 Flashes per minute 50 +/-10%</b>

THE 0841562 FLASHER IS TOTALLY ENCAPSULATED TO BE HIGHLY VIBRATION RESISTANT, AND INCORPORATES ELECTRICAL TRANSIENT PROTECTION. THIS FLASHER ALSO INCORPORATES INTERNALLY PROTECTED TRANSISTOR OUTPUTS. IF THE OUTPUT CONNECTIONS ARE ACCIDENTALLY SHORTED, THE PROTECTION CIRCUIT WILL ACT TO PREVENT DAMAGE TO THE UNIT.

### **CONNECTIONS**

**CAUTION: THE BULB VOLTAGE MUST BE THE SAME AS THE POWER SOURCE VOLTAGE.**

This flasher is designed as a high side switch, i.e. the negative lamp connection is made to the negative source and the flasher is installed between the positive lamp connection and the positive power source. Since this unit is solid state, these are no NO or NC connections. Connect the blue lead from the flasher to the positive connection on the lamp (or lamps) that are intended to flash simultaneously. **DO NOT EXCEED THE MAXIMUM LOAD RATING OF THE FLASHER.** Connect the green lead to the positive side of the lamp (or lamps) that are intended to alternate with the first group. Connect the negative side of all lamps to the negative power source. Connect the black lead from the flasher to the negative source also. Connect the red lead from the flasher to the positive power source to initiate flashing.

The 0841562 flasher is designed to operate with any load from LED's to a maximum of three 27W lamps per side. The sides do not need to be balanced. The flash rate is unaffected by the number of lamps.

If only one side is to be used, connect as above to either the blue lead or the green lead, and isolate the unused lead. The 6.5A limitation still applies even for a one-side connection.

If an external fuse or switch is desired, connect in series with the red lead.

### **MOUNTING INSTRUCTIONS**

The flasher should be mounted where good air circulation exists and away from any heat source. Two mounting holes of .170 in. (4.3 mm) diameter are provided with a center to center spacing of 3.39 inches (86 mm).