



# 3250GCP FLASHER Owner's Manual

## GENERAL

The heavy duty 3250GCP electronic flasher has been designed to operate in the most severe environments. This unit also has output short circuit protection for reverse input voltage protection.

## WARNING LIGHTS

The 3250GCP flasher can be used with most incandescent, halogen, and LED warning lights.

## CHARACTERISTICS & TIPS

- 1) For extended service reliability, it is important that the flasher is not overloaded. In some cases, the unit's short circuit protection may consider the overload a short circuit, and shut the unit down.
- 2) The A output of the flasher receives its operating voltage from the B output. If the B output does not flash, then as a result the A output will not flash.

## SPECIFICATIONS

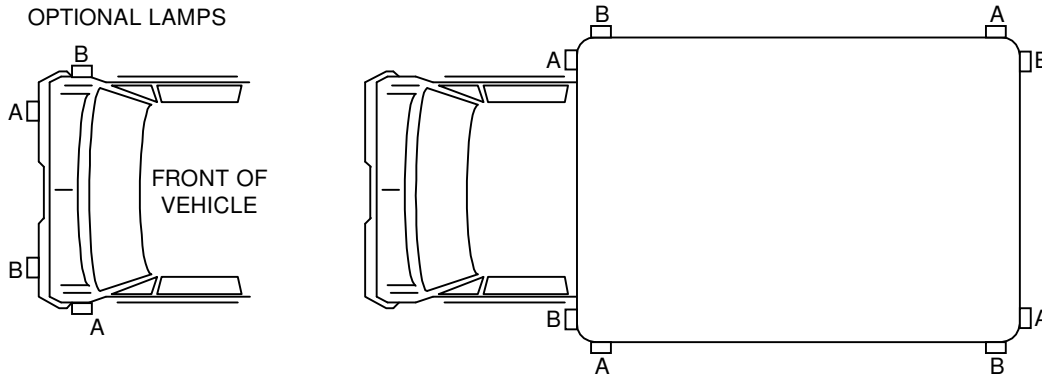
Maximum output current: -with 50w lamps -with 35w lamps	50 Amps per terminal <i>9 Typical per terminal</i> <i>12 Typical per terminal</i>
Input Voltage:	10-16 Vdc, 13.6 Vdc nominal
Flashes per min. over full voltage range:	60 ± 8%
Duty cycle:	50/50 ± 10%
Ambient temperature:	-40°F to +150°F (-40°C to +65°C)
Fuse or Circuit Breaker:	70 Amp max.

## TROUBLESHOOTING

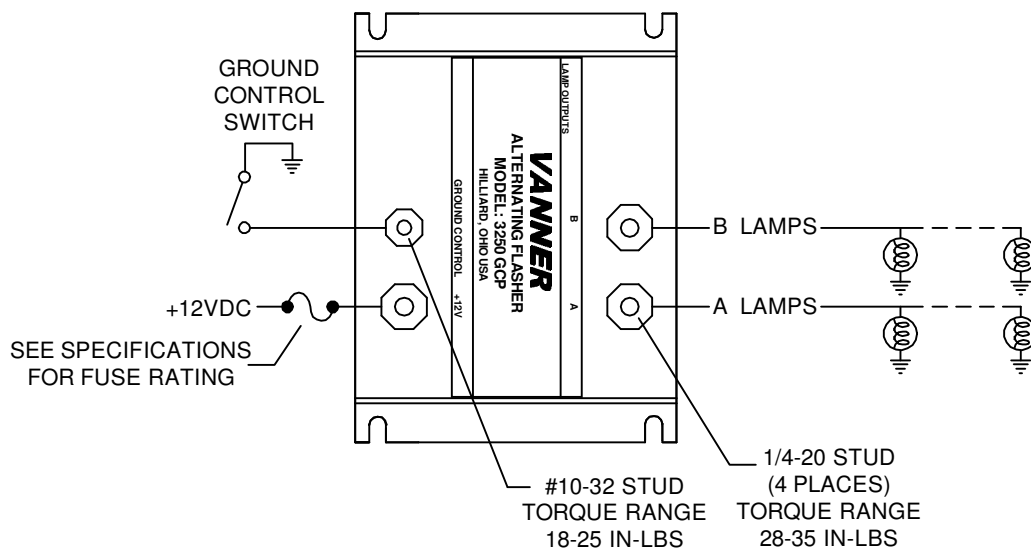
PROBLEM	ITEMS TO CHECK
All outputs do not flash:	<ol style="list-style-type: none"> <li>1) Is the battery voltage less than 10Vdc?</li> <li>2) Are the wire and light connections proper?</li> <li>3) Do you have more than the rated number of lights on the outputs?</li> <li>4) Is the remote ground switch wired correctly?</li> </ol>
One output does not flash:	<ol style="list-style-type: none"> <li>1) Is the battery voltage less than 10 Vdc?</li> <li>2) Is the affected output shorted or overloaded?</li> </ol>

\*If after reviewing this chart you still can't locate the problem, contact Vanner for technical assistance--800-AC POWER

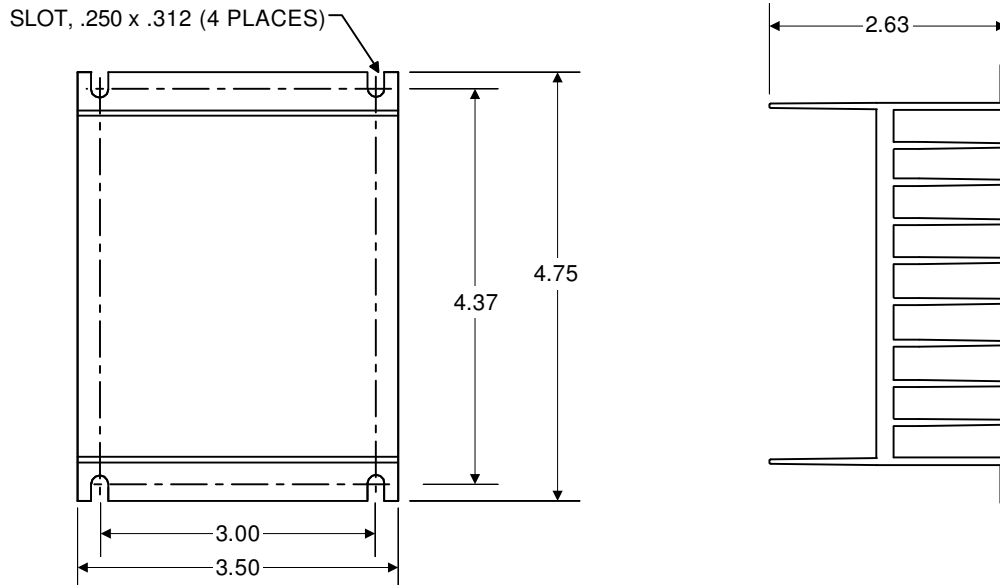
## LAMP REPLACEMENT DIAGRAM



## CONNECTION DIAGRAM



## MOUNTING DIMENSIONS



**VANNER INC.**

**800-AC-POWER**