



Solving your relay requirements since 1922

Stop-Alert



- ... Enhancement of automotive lamp illumination
- ... Solid state circuitry - no moving parts
- ... Quick and simple 2 terminal installation
- ... For all 12 volt vehicular electrical systems
- ... Incandescent power rating 60 watts continuous; 120 watts intermittent
- ... Epoxy sealed
- ... Low Cost
- ... High reliability

The Amperite Stop-Alert automotive lamp pulsator is a 100% solid state device that is connected in series with one or more automotive lamps. It controls current to the lamps to produce a moderate "pulsating" or "glimmering" effect of the lamp illumination for increased awareness and safety.

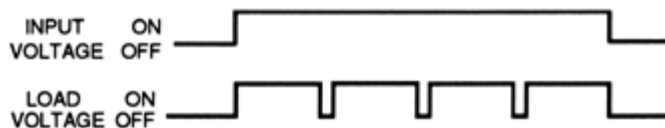
The standard 300 pulse per minute, 85% duty cycle yields a substantial increase in visual effectiveness (when compared to constant illumination) without the distraction level generated by common flashers. The Amperite Stop-Alert™ is ideal for many automotive uses such as certain headlight/taillight, stoplight, and backup light applications. It can also be used to enhance lamp illumination on all emergency or police vehicles.

The Stop-Alert™ is exceptionally small and easy to install. The 2 terminal unit is connected in series with the power line that feeds one or more lamps. No additional wires or connections are necessary. One pulsator can conservatively drive two standard #1156 or #1157 automotive lamps, or one headlamp.

Timing Mode:

On/off recycling automotive lamp pulsator. Standard pulse rate 300 pulses per minute (5 pulses per second) at a duty cycle of 85%. Custom pulse rates and duty cycles are available.

Timing Diagram:



Output Circuit:

Totally solid state switching device.



Solving your relay requirements since 1922

Power Rating:

Continuous 60 watts incandescent
Intermittent 120 watts incandescent
Maximum surge current 160 amperes

Input Voltages & Limits:

Continuous rating 11 to 15 volts (standard automotive range). Surge voltage 50 volts maximum.

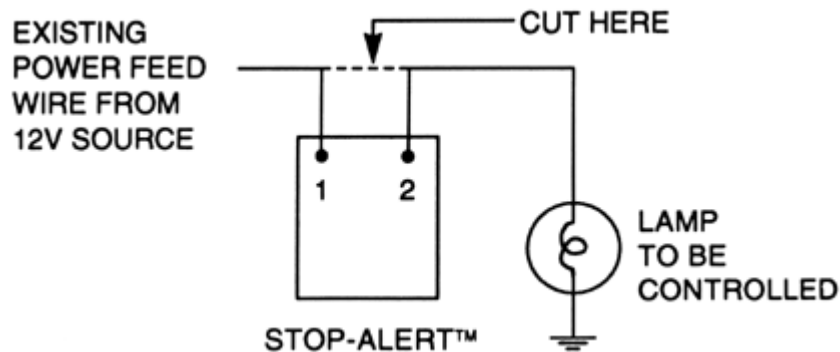
Environmental Information:

Operating temperature range -40°C to $+60^{\circ}\text{C}$, (-40°F to $+140^{\circ}\text{F}$)

Mechanical Information:

Enclosure: Glass reinforced black Lexan plastic; epoxy encapsulated for maximum protection against moisture and vibration.
Termination: 1/4 inch male quick connect terminals
Size: 1-3/4 x 7/8 X 1-1/8 inches

Installation Diagram:



Stop-Alert™ Installation Procedure:

- A. Locate existing 12V power wire feeding lamp.
- B. Cut and strip wire at convenient place.
- C. Crimp supplied terminals to exposed wires.
- D. Assemble power feed wire to terminal 1 of Stop-Alert™.
- E. Assemble lamp wire to terminal 2 of Stop-Alert™.



Solving Your Relay Requirements Since 1922