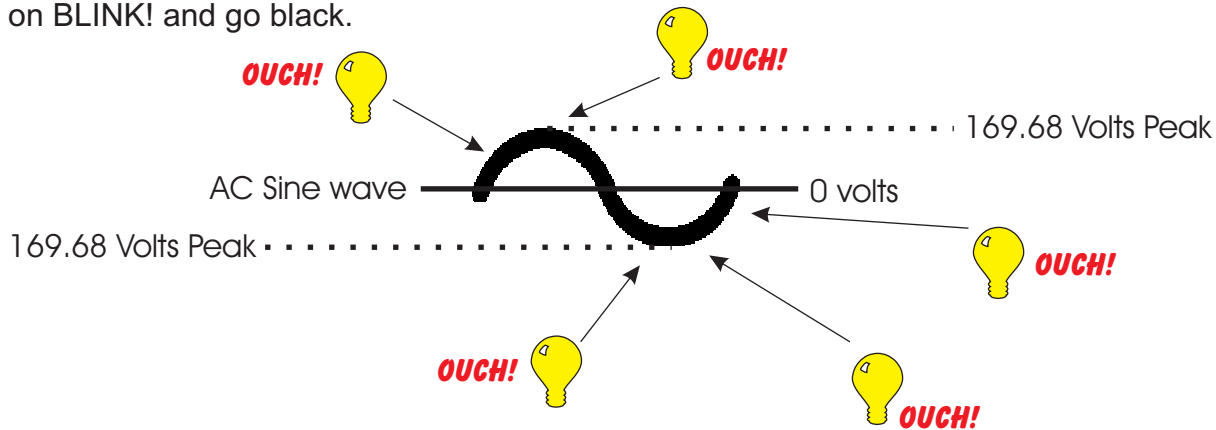


WHY YOUR INCANDESCENT LAMPS WILL LAST LONGER WITH ALDOR ELECTRONICS

Imagine, if you will, a tiny, cold, lamp filament, sitting in a vacuum, and all the sudden it gets BANGED with an AC peak voltage ($120\text{VAC} \times 1.414$) or 169.68 volts. The stress of this sudden surge in voltage weakens the filament and shortens its life. A good example of this sudden death can be seen when you turned a wall switch on only to have the lamp you are turning on BLINK! and go black.



NOW imagine a lamp that only gets turned on when the AC sine wave is at ZERO VOLTS. The filament will last longer because it is never stressed by the sudden impact of a high voltage surge on its filament



THATS WHY YOUR LAMPS WILL LAST LONGER WITH ALDOR ELECTRONICS!

WE USE "ZERO CROSS DETECT" CIRCUITRY ON ALL OF OUR TRIAC BOARDS. THIS SPECIAL CIRCUIT WATCHES THE AC SINE WAVE AND WHEN A REQUEST IS RECEIVED FROM A CONTROLLER BOARD TO TURN ON A LAMP (OR LAMPS) IT WAITS FOR THE AC SINE WAVE TO BE AT ZERO VOLTS BEFORE TURNING THE TRIAC ON.

LAMPS LAST UP TO 8 TIMES LONGER!

