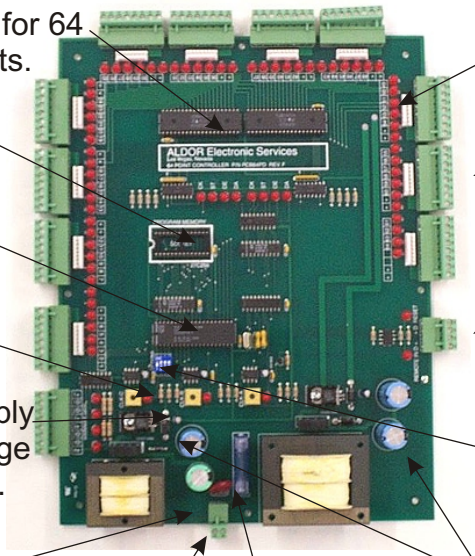
Data Sheet: PCB64PD

64 point Controller Board

ALDOR Electronic Services
2961 Industrial Rd., #212, Las Vegas, Nevada 89109
Ph: 702-631-3400 / cell: 702-271-1859
Email: aldor@coam.net / Web: www.aldor.net



Two driver chips for 64 outputs.

LED lights up when output is active.

Program Memory chip where the animations are stored.

One triac board input or remote input per output.

Main computer chip

Three on-board speed controls programmable to set speeds or time delays of animations.

Remote Data and Reset inputs require external DC supply to activate.

All connectors unplug from the board after wiring for easy board removal.

Logic supply over voltage protection.

Software programmable DIP switch to select varying program parameters.

AC input over voltage protection.

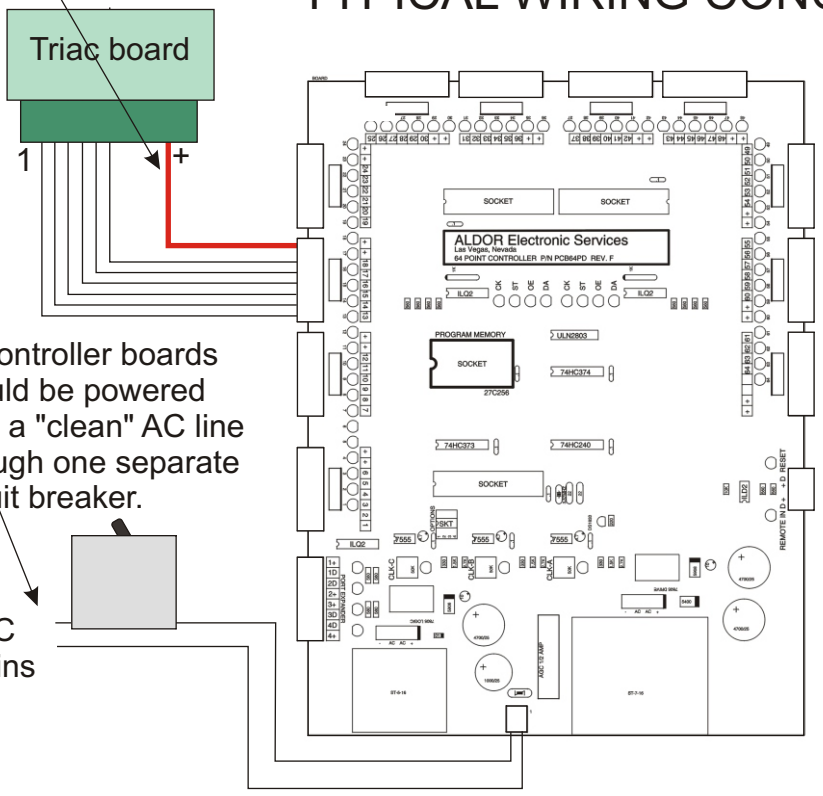
½ Amp fuse for AC power

Two separate DC power supplies. One for on-board logic, the other for off-board drivers.

AC power 120 VAC

A (+) common wire must also be connected to the (+) of each triac board.

TYPICAL WIRING CONCEPT



6 point controller

Switching the Remote and Reset inputs with a DC transformer is one option but these inputs are usually controlled by a 6 point controller programmed to provide Master Clock and Reset signals to a quantity of controller boards.

All controller boards should be powered from a "clean" AC line through one separate circuit breaker.

AC Mains

Add a DC wall transformer to reset the board remotely. (Or use a 9V battery!)

ONE WIRE PER CONNECTION. JUMPER COMMONS OFF BOARD.