

APPLICATION NOTE #3



Application Note 3: Placing EPROM's in your PLC

BE SURE TO KEEP EPROM IN ANTI-STATIC CONTAINER UNTIL INSTRUCTED.

- 1) Take EPROM in original container to the control.
- 2) Disconnect power from the controller.
- 3) Position your self so that you may work comfortably, insuring that your feet are planted. Touch electrical ground to discharge any static potential that may have developed.
- 4) Observe the orientation of the notch on the EPROM in the controller.
- 5) Remove current EPROM by gently prying with a small screwdriver between the socket and the EPROM. Be sure to work both ends of the EPROM. NOTE: Some EPROM sockets have thumb eject, screw or lever releases.
- 6) Place the EPROM you just extracted pin side down on any metal surface.
- 7) Touch electrical ground again to insure static is dissipated.
- 8) Remove new EPROM from anti-static carrier. Check to be sure all pins are straight.
- 9) Observe EPROM notch and be sure to place in same orientation as previous EPROM.

If pins do not align with socket:

TO FAR APART: Hold EPROM by the ends and press entire side of EPROM against metal surface forcing pins closer.

TO CLOSE TOGETHER: Hold EPROM by the ends and pull pins out on one side using a metal corner of the enclosure.

Check all pins of EPROM to be sure that align with holes before pressing EPROM firmly to seat in EPROM socket.

- 10) Check EPROM again for bent pins, pins that missed sockets etc. If necessary remove EPROM and rework.
- 11) Check that notch is facing same direction as precious EPROM one last time. Usually other chips near the EPROM which have pins running parallel with have their notch or other markings pointing in the same direction as the EPROM.
- 12) Place old EPROM in anti-static carrier.
- 13) Your done, Power up the machine and begin running!