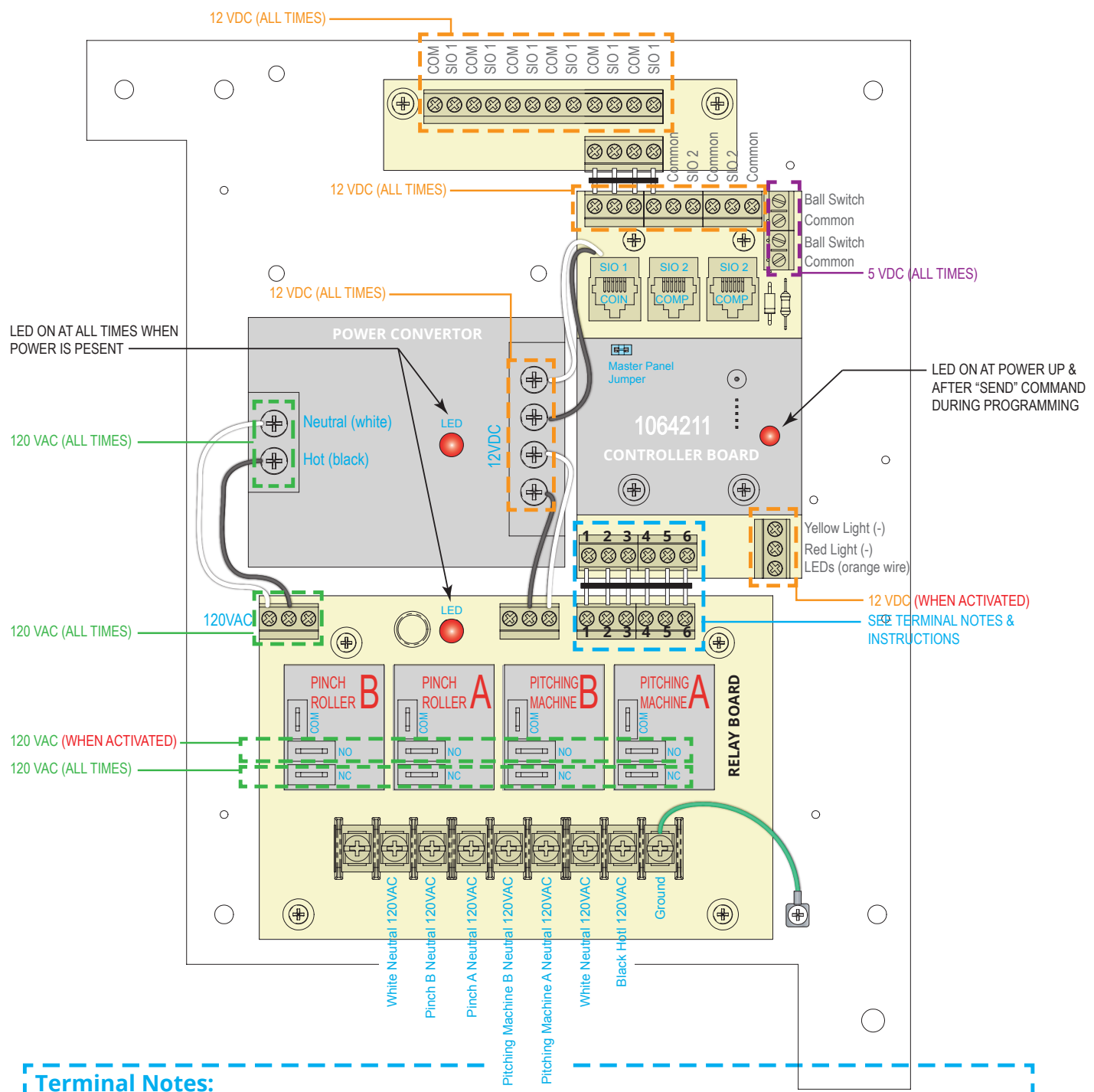


PT-8 CIRCUIT BOARD VOLTAGES



Terminal Notes:

Use multimeter set to volts DC. Put black (negative) probe on any common and measure voltages on terminals with red (positive) probe.

- Terminal 1 about 16 to 18 volts DC from Power supply block.
- Terminal 2 Common
- Terminal 3 Feed B relay
- Terminal 4 Feed A relay
- Terminal 5 Pitch B relay
- Terminal 6 Pitch A relay

Relay terminals, terminals 3 through 6 are about 16 to 18 volts DC when relay is off.

Terminals 3 through 6 are about 1 volt DC when relay is on.

Instructions:

The controller block pulls the terminals low (about 1 vdc) when relays are turned on. Make sure the controller is pulling the terminal low when the relay should be on.

If the terminals on the controller board are being pulled low, but the terminals on the relay board is not, the connection between the terminals is not good. Check the pin for good contact between the controller and relay boards.

If the terminals are being pulled low on both controller and relay boards, but the relay still does not turn on, the relay may be bad.