A. Control Board Layout

1. "E" Control Board

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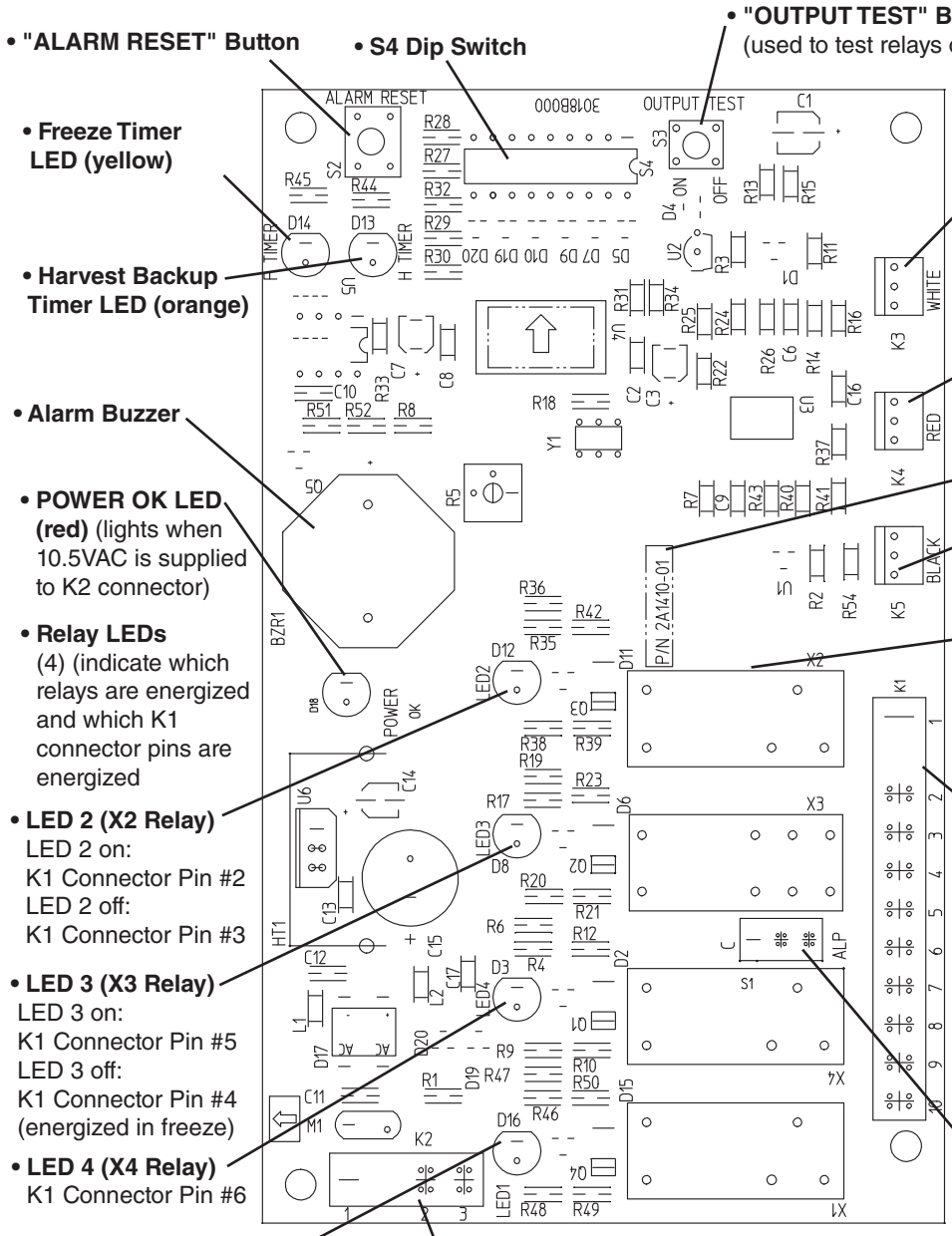

- **"ALARM RESET" Button**
- **S4 Dip Switch**
- **"OUTPUT TEST" Button** (used to test relays on control board)
- **Freeze Timer LED (yellow)**
- **Harvest Backup Timer LED (orange)**
- **K3 (white) Connector** Thermistor (harvest control and high temperature safety)
- **K4 (red) Connector** Open
- **Alarm Buzzer**
- **Part Number**
- **POWER OK LED (red)** (lights when 10.5VAC is supplied to K2 connector)
- **K5 (black) Connector** Float Switch (water level)
- **Relay LEDs** (4) (indicate which relays are energized and which K1 connector pins are energized
- Microprocessor (control board revision level indicated on label on side of relay)
- **LED 2 (X2 Relay)**
  LED 2 on:
  K1 Connector Pin #2
  LED 2 off:
  K1 Connector Pin #3
- **K1 Connector**
  Pins #1 through #10
  #1, 9 Magnetic Contactor or Compressor Relay
  #2 Hot Gas Valve
  #3 Fan Motor
  Liquid Line Valve
  #4 Pump Motor (icemaking)
  #5 Pump Motor (pump-out)
  #6 Inlet Water Valve
  #7, 10 Component Power Supply
  #8 Open
- **LED 3 (X3 Relay)**
  LED 3 on:
  K1 Connector Pin #5
  LED 3 off:
  K1 Connector Pin #4
  (energized in freeze)
- **LED 4 (X4 Relay)**
  K1 Connector Pin #6
- Switch for "C" control board and "ALPINE" control board (service control board only) Set to "ALP" for appliances covered in this manual.
- **LED 1 (X1 Relay)**
  K1 Connector Pin #1, #9
- **K2 Connector**
  Control Transformer (10.5VAC)

"E" Control Board	
Part Number	2A1410-02