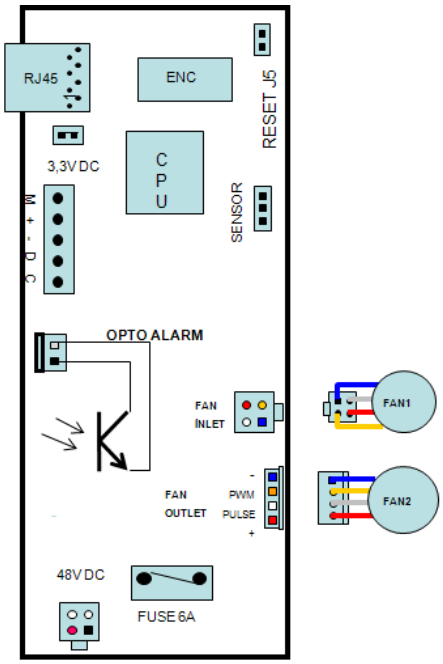
DC2E2 PROGRAMMABLE CONTROLLER

The Coolhex Control series DC2E is a line of off-thee self programmable controllers from ALNET for thermal management and fan speed control of DC fans. It monitors two 4-wire DC fans and generates alarm in the event of a fan failure or over temperature. Programmable set points in software to meet precise airflow and temperature rrequirements



DC2E2

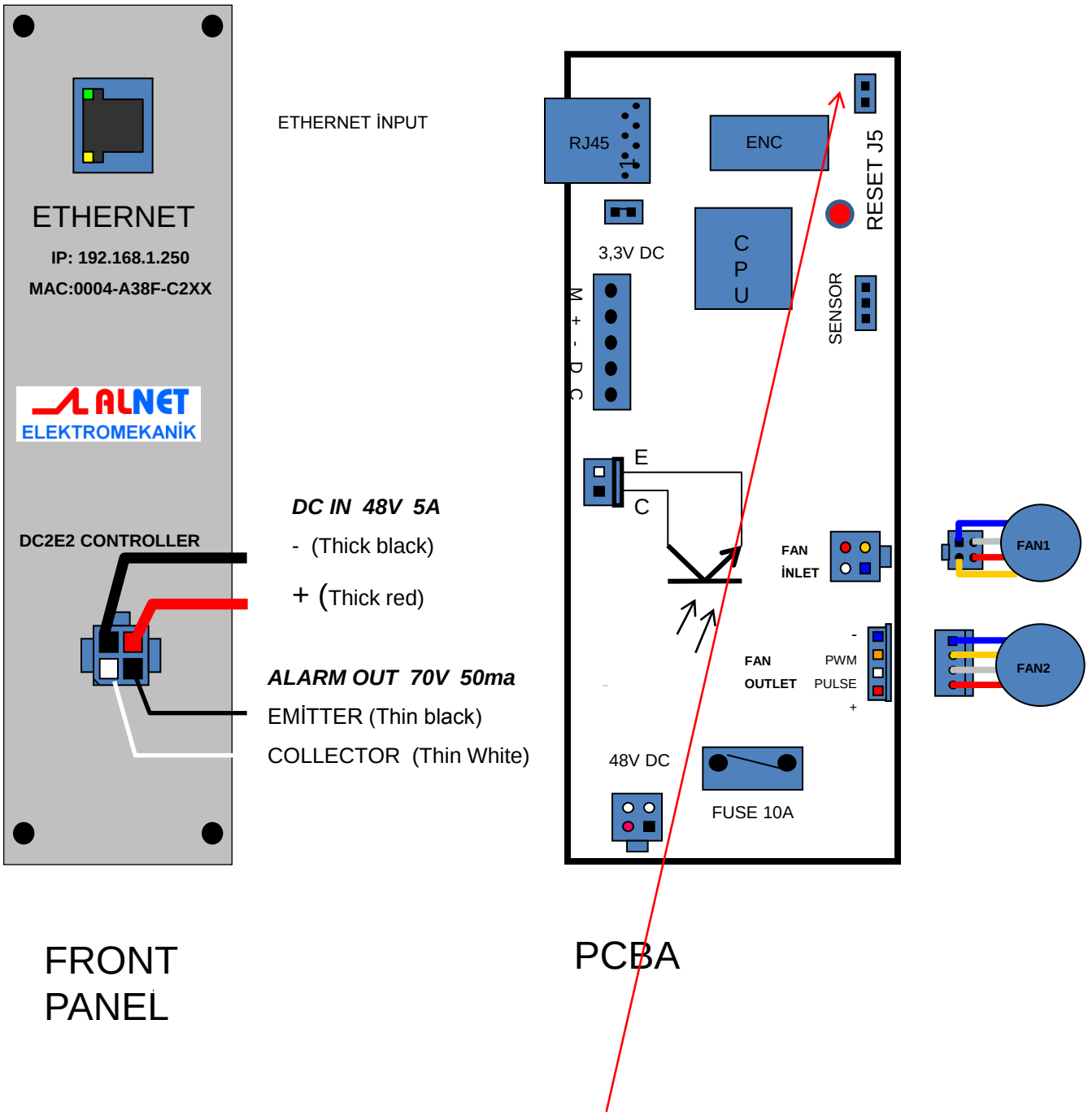


PCBA

SPECIFICATIONS

* Accepts two fans (option: four fans)
* Monitors speed of 2-wire fans
* Simultaneously controls each fans
* Ethernet communication interfaces
* Remote and Field configurable controller
* Programmable alarm thresholds & fan curve
* Dry contact alarm output
* Power & Alarm LEDs with external connections
* Isolated Fan and Logic power domains
* Fan failure detection and prediction
* Board can pass up to 6A continuously to fans
* 12V to 65V input voltage range with no modifications
* 25KHz PWM signal for 4-wire fan control
*1 onboard high precison thermistors
* Fans controlled using inlet temperature
* Over temperature alarm fan control
* Low temperature fan shutoff with hysteresis turn on
* Predictive and total fan failure detection
* Has built in ethernet communication.
* I2C is 3.3 V TTL
* Open collector alarm output
* On board power and alarm LEDs that are visible through the front panel.
* EEPROM saves all configurations and restores the system during the next power cycle
• Mac adressed system with 80 port
• Option SNMP service

DC2E2 CONTROLLER



For factory settings, make J5 connector pins short and apply power to controller, when the LED flashing stops than open j5

03-04-2013
V6