

TECHNICAL SPECIFICATION FOR THYRISTOR CONTROLLER

(For tube Calciner, total load 160KW in four zone, 40KW per zone, 13.3KW per Zone per Phase, star connected, continuous operation at 1000deg temp)

- 1) Operating voltage : 480VAC
- 2) Input : 4 -20mA
- 3) Load Current : 175Amp
- 4) Type of Load : 3-PHASE, Star Connected heating Coil.
- 5) Controller : Digital Proportional, Microcontroller based with back to back SCR design.
- 6) Type of cooling : Integrated heat sink and forced fan cooling.
- 7) Easy and ready to use, Modular construction
- 8) 6 SCR Phase angle control for star connected Load.
- 9) Shorted SCR Detection
- 10) Optically coupled gate drives, fully opposite - isolated full cycle three phase angle controller.
- 11) Linear control of RMS voltage with respect to command signal
- 12) Over Voltage protection
- 13) Status signals through Led Indicators
- 14) Built in power supply (90-270VAC), 50Hz.
- 15) Plug in and interchangeable controller card.
- 16 Warranty: 12 months from the date of acceptance at our store.