

## µC Based Temperature Controller with Timer



- WTC-2201-ST....Size: 96(w)x96(h)x65(d) mm
- WTC-2001-ST....Size: 96(w)x48(h)x110(d) mm
- WTC-2101-ST....Size: 72(w)x72(h)x65(d) mm
- WTC-2301-ST....Size: 48(w)x48(h)x85(d) mm

- microcontroller based,
- Four digit dual display
- Supply 220 VAC
- Input: J, K or RTD selection
- Output: 1. Heater-Relay Contact or SSR,  
2. Timer-Relay Contact or SSR,  
3. Alarm-Relay contact or Buzzer
- PID – Auto tune or On/Off Control selection
- Heating or Cooling Application selection
- Range: J type 0-750°C ,  
K type 0-1200°C  
RTD.1 type -50.0 to 400.0°C  
RTD type 0 to 400°C
- Accuracy of 0.5% of full scale
- Soak Timer Auto Load selection
- Soak time adjustable up to 9999 minute
- Power down memory selection
- End message @ process complete
- Temperature As per range adjustable in set mode.
- Alarm 0.0 to 25.0 or 0 to 250 as per range adjustable
- Cycle Time 1 to 60 seconds for SSR output & 10 to 120 second for Relay output adjustable
- Auto tuning require for to adjust pb, It & dt value
- Hysteresis 0.2 or 2 to 25.0°C or 25°C adjustable as per range selection for RTD
- Hysteresis 2 to 250°C adjustable as per range selection for J & K Type
- Delay 0 to 250 second adjustable for cooling control
- OPEn message display if Sensor break & -rEV display if connections reverse.
- Relay trip if sensor breaks, connection open or connection reverse.
- Calibration Error correction by front key switch (No preset setting)
- Configure link @ Back terminal to avoid unauthentic entry.

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