

µC Based Temp Deep freezer Controller



- WTC-1001-DF....Size: 96(w)x48(h)x110(d) mm

- Microcontroller based, Single display
- Supply 220 V Ac
- Input RTD PT-100, HP Contact
- Output: (1) Primary Cool Relay 24VDC (2) Secondary cool Relay24VDC
(3) Alarm (Buzzer) In Built
- Primary Comp. Bypass Facility
- Heating or Cooling control selectable for both relay output
- HP input sensing NO or NC contact selectable
- Temperature As per range adjustable in set mode. (-99.9 to 400.0c)
- Temperature indication Error correction by front key (Software Calibration)
- Alarm High or Low Setting above or below set temperature (99.0 to -99.9c)
- Alarm band setting 0.2 to 99.9c
- Alarm mute by decrement key
- Mute key function enable or disable selectable
- Alarm on-off difference (Hysteresis) 0.2c
- Hysteresis (Difference) 0.2 to 25.0c adjustable for cooling relay.
- Password facility for configuration mode to avoid unauthentic entry.
- Delay Time Adjustable from 1 to 250 second
- Manual Defrost
- Defrost on time 0 to 999 Minute adjustable (Optional)
- Defrost off time 1 to 9999 Minute adjustable (Optional)
- Open display if Rtd (Sensor) break.
- Cooling Relay on & give Alarm if Rtd break or open.

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