Cool
24VAC
3-wire

Heat
24VAC
3-wire

External sensor

Not in use

Fan speeds
24VAC

24VAC
Main
input

Open | Close | Common | Open | Close | Low | Medium | High

| OP1 | CL1 | COM | OP2 | CL2 | 0 | | T | | G1 | G2 | G3 | C | R |

ETN24-PM2-3S

23 °C

SET

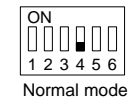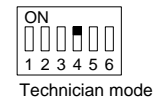| Cool Heat | Hi Me Lo | ON OFF |

+
−

On/Off   Mode   Fan

Technician Settings

Adjust the Open/Close time for the motor.
The Open/Close time of the motor can be adjusted by the technician, according
to the motor specifications. Adjustable range: 10-400 seconds, Default 60 seconds.
Use DIP switch S1.4 to switch between normal mode and technician mode.

- Move DIP switch S1.4 to ON position.
- Adjust the Open/Close time using the [+] or [-] buttons according to the following equation:
  Time (seconds) = (1 ÷ 40) X 10 example: 30 → 30 X 10 = 300 seconds.
- Move DIP switch S1.4 back to OFF position.

ON
1 2 3 4 5 6
Technician mode
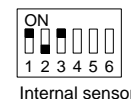
ON
1 2 3 4 5 6
Normal mode

Internal / External sensor.
Use DIP Switches S1.1, S1.2 and S1.3 to select between Internal and External sensor configuration as follows:
Internal sensor (default):   S1.1, S1.3 – ON,   S1.2 – OFF
External sensor: S1.1, S1.3 – OFF,   S1.2 – ON

ON
1 2 3 4 5 6
Internal sensor

ON
1 2 3 4 5 6
External sensor

Offset for calibration of measured temperature
- Adjust the set point temperature to 10°C.
- Press and hold the [Mode] button for more than 15 seconds.
- Adjust the offset using the [+] and [-] buttons – range (-6)…(+6)°C.
- Press the [Mode] button again to return to normal display.

Note:
- DIP Switches 5 and 6 are not in use (OFF position)
- The two jumpers standing on the left side of the DIP switch must be in Pos.1 – two upper legs short

Operating Manual

On/Off
- Press the [On/Off] button to activate or deactivate the thermostat. The words "ON" or "OFF" will appear on display.

Set point temperature
- Press the [+] or [-] buttons – the set point temperature will flash.
- Adjust the set point temperature using the [+] or [-] buttons.

Modes
- Press the [Mode] button to switch between modes:
  - Cool – "Cool" will appear on display. "Cool" will flash when cooling active.
  - Heat – "Heat" will appear on display. "Heat" will flash when heating active.
  - Auto change-over – "Cool" and "Heat" will appear on display. The active mode will flash.

Fan speeds
- Press the [Fan] button to switch between modes:
  - Low speed – "Lo" will appear on display.
  - Medium speed – "Me" will appear on display.
  - Hi speed – "Hi" will appear on display.
  - Auto speed – "Lo", "Me" and "Hi" will appear on display. The active speed will flash.