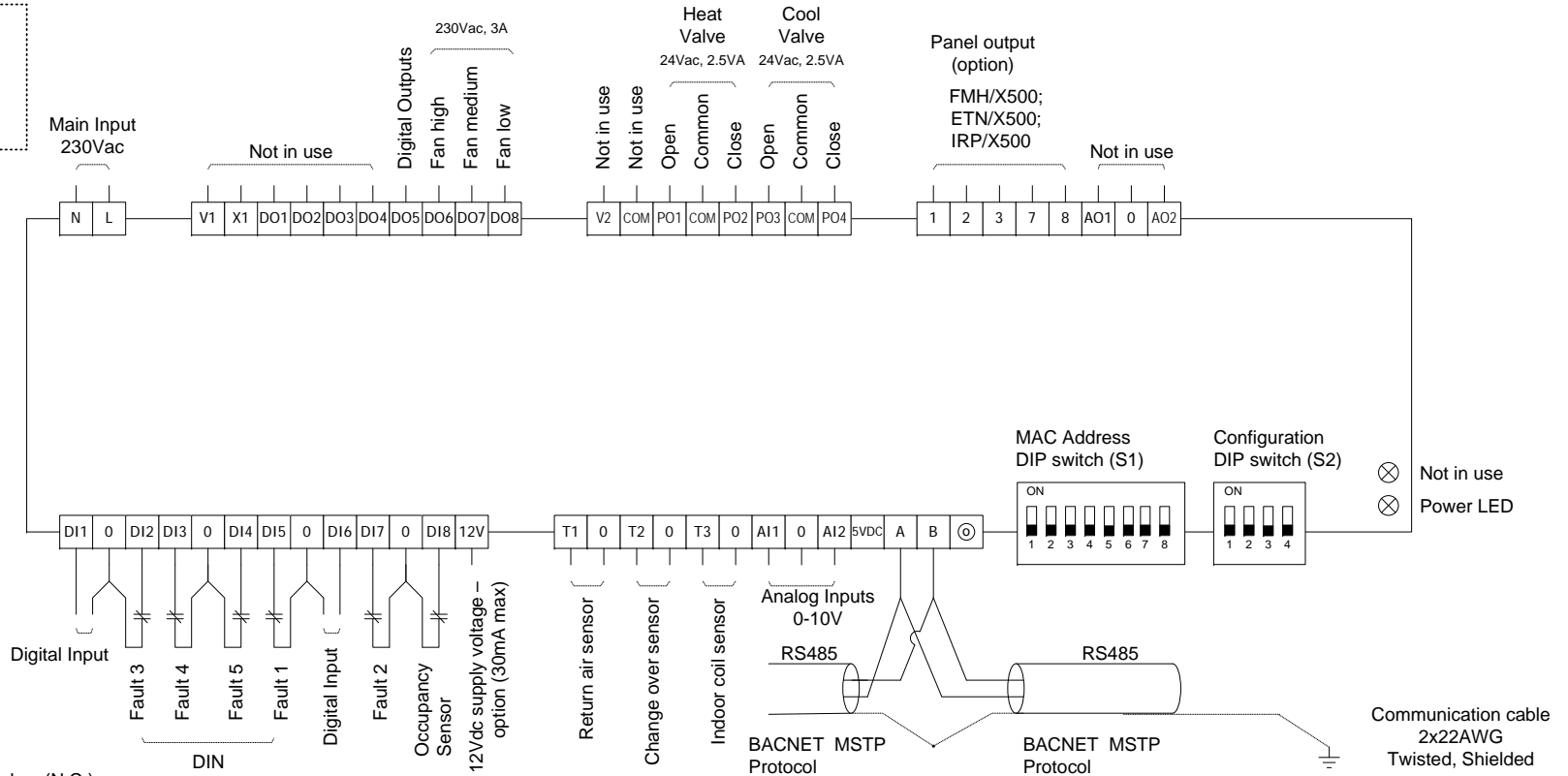


Important !
Disconnect power to the main board before making any changes to DIP switches/ Jumpers, wiring the unit and/or connecting the wall panel.



Digital Inputs

1. DI1,0 – Digital Input

Unshort always

2. DI2,0 DI3,0 DI4,0 -

Device Instance Number (DIN)

DI2	DI3	DI4	DIN
Open	Open	Open	EEPROM
Short	Open	Open	DIN= MAC+1200
Open	Short	Open	DIN= MAC+1000
Short	Short	Open	DIN= MAC+800
Open	Open	Short	DIN= MAC+600
Short	Open	Short	DIN= MAC+400
Open	Short	Short	DIN= MAC+200
Short	Short	Short	DIN=MAC

MAC Address (DIP switch S1)

3. DI5,0 - Fault 1 input Normally close(N.C.)

When open – all outputs OFF (no delay)

4. DI6,0 - Digital Input

Unshort always

5. DI7,0 - Fault 2 input (N.C.)

Only for indication through communication.

6. DI8,0 - Occupancy Sensor

One of 3 modes (set by communication):

1 Auto: When the DI8 input (N.C) is open for 10 minutes, all outputs turn Off.(Default)

2 Start/Stop

3 Occupied/Non occupied (Economy mode)

Fan ON / Auto fan

Default : Cool – Fan ON

Heat – Auto Fan

Change by Communication or Panel only

DIP switch Configuration (S2)

S2.1 – Fan ON / Auto fan configuration in cool/heat

ON - Fan Only mode available (Selectable through controller)
OFF - Fan Only mode not available

S2.2 – 2-pipe / 4-pipe system

ON - 4-pipe
OFF - 2-pipe

S2.3 – Auto Change

ON - No
OFF - Yes

S2.4 – “End of network” configuration

ON - End of network
OFF - Not end of network



Temperature Sensors Logic

T1,0 - Return air sensor

The ambient (room) temperature can be sensed via the return air sensor.

T2,0 - Change-over sensor

Mode is automatically selected, based on the water temperature sensed by T2 (2-pipe system only) T2 > 30°C →Heat , T2 < 20°C →Cool

T3,0 - Indoor coil sensor

Soft-start in Heat

When T3 rises above (or equals) 36°C →The indoor fan will start working (according to FAN ON or AUTO FAN state)

When the temperature drops below 32°C →The indoor fan will turn OFF.

*When T3 is not connected:

- If AUTO FAN is selected, the indoor fan will start working 30 seconds after demand for heat.
- If FAN ON is selected, the indoor fan will work continuously.

meitav-tec

Tel: +972-3-9626462
Fax: +972-3-9626620
e-mail: support@meitavtec.com

Title:
CTU2500-PM2-3S-FC-SUPER

Date: 18.03.09

1 Original

18.03.09

Print name: PS-2600

Software name:

Check sum :

File: CTU2500-PM2-3S-FC-SUPER.vsd

Drawn: M.Ruchansky

Checked: O.Volovitch

Approved: E.Roy