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

Device Instance Number (DIN)

F1,0	F2,0	F3,0	DIN
Unshort	Unshort	Unshort	EEPROM
Short	Unshort	Unshort	DIN= MAC+1200
Unshort	Short	Unshort	DIN= MAC+1000
Short	Short	Unshort	DIN= MAC+800
Unshort	Unshort	Short	DIN= MAC+600
Short	Unshort	Short	DIN= MAC+400
Unshort	Short	Short	DIN= MAC+200
Short	Short	Short	DIN=MAC

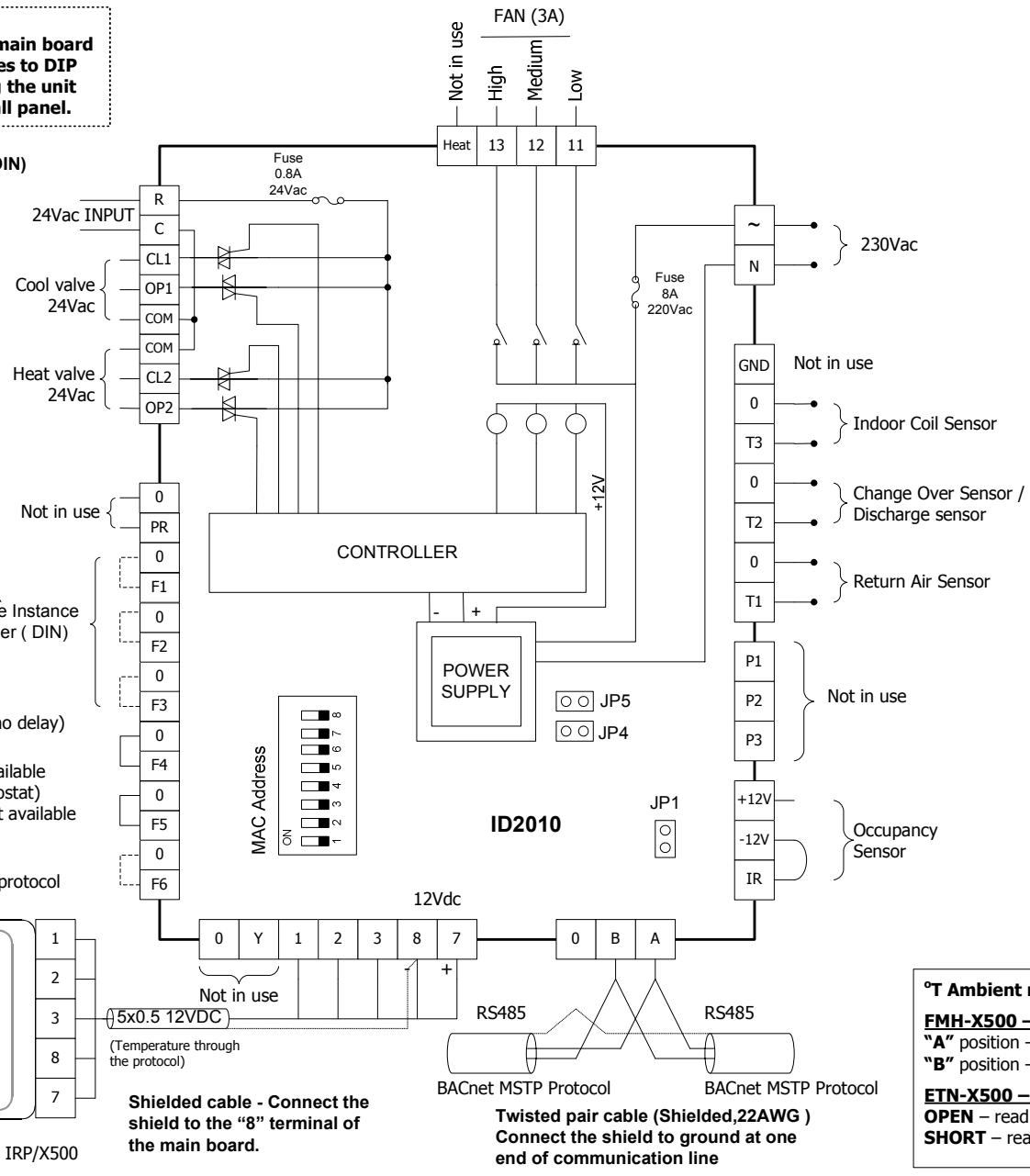
MAC Phisical address of Device (DIPSWITCH)

Device Instance Number (DIN)

F4 – Fault 1 input (N.C.)
When open – all outputs OFF (no delay)

F5 – Short – Fan Only mode available (Selectable through thermostat)
F5 – Open – Fan Only mode not available

F6 – Fault 2 input (N.C.)
Only for indication through the protocol



Shielded cable - Connect the shield to the "8" terminal of the main board.

Twisted pair cable (Shielded,22AWG) Connect the shield to ground at one end of communication line

JP1

End of Network jumper – Jumper Short (Resistance 120 Ω)

JP1 Open JP1 Short

Change Over Sensor (T2) in 2-Pipe system:

With Change Over Sensor
T2 < 20ºC → Cool
T2 > 30ºC → Heat

Without Change Over Sensor
Manually select the mode using the wall panel or computer.

Occupancy Sensor

When the IR (N.C.) input is open for 10 minutes, all outputs turn Off.

Short the (-12V) and (IR) connectors, only when an occupancy sensor is not connected

Indoor Coil Sensor (T3) Indoor Fan in heat mode

With Indoor Coil Sensor
T3 > 36ºC → Fan ON
T3 < 32ºC → Fan OFF

Without Indoor Coil Sensor
The Indoor Fan will operate when there is a demand for heating (with 30 seconds time delay)

Jumpers – JP4 & JP5

JP4 – SHORT (4-Pipe System)
Auto change over active
2 separate outputs for Cool and Heat
T2 – for monitoring only

JP4 – OPEN (2-Pipe System)
Auto change over not active
1 output for Cool and Heat
T2 – Logic selection

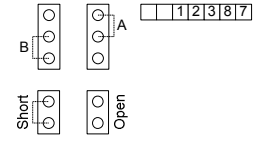
JP5 - SHORT
In Cool mode – Auto Fan
In Heat mode – Auto Fan

JP5 - OPEN
In Cool mode – Fan ON
In Heat mode – Fan ON

ºT Ambient reading from panel or from Main Board

FMH-X500 – JP2
"A" position – read temperature from main board.
"B" position – read temperature from panel.

ETN-X500 – JP2
OPEN – read temperature from main board.
SHORT – read temperature from panel.



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Title: PS2500-PM2-3S-FC-SUPER		Print name: PS2500-PM2-3S	Drawn: A.Star
Date: 29.07.07		Software: 2010V17	Checked: O.Volovitch
		Checksum: 9CC2	Approved: E.Roy
		File name: PS2500-PM2-3S-FC-SUPER.VSD	