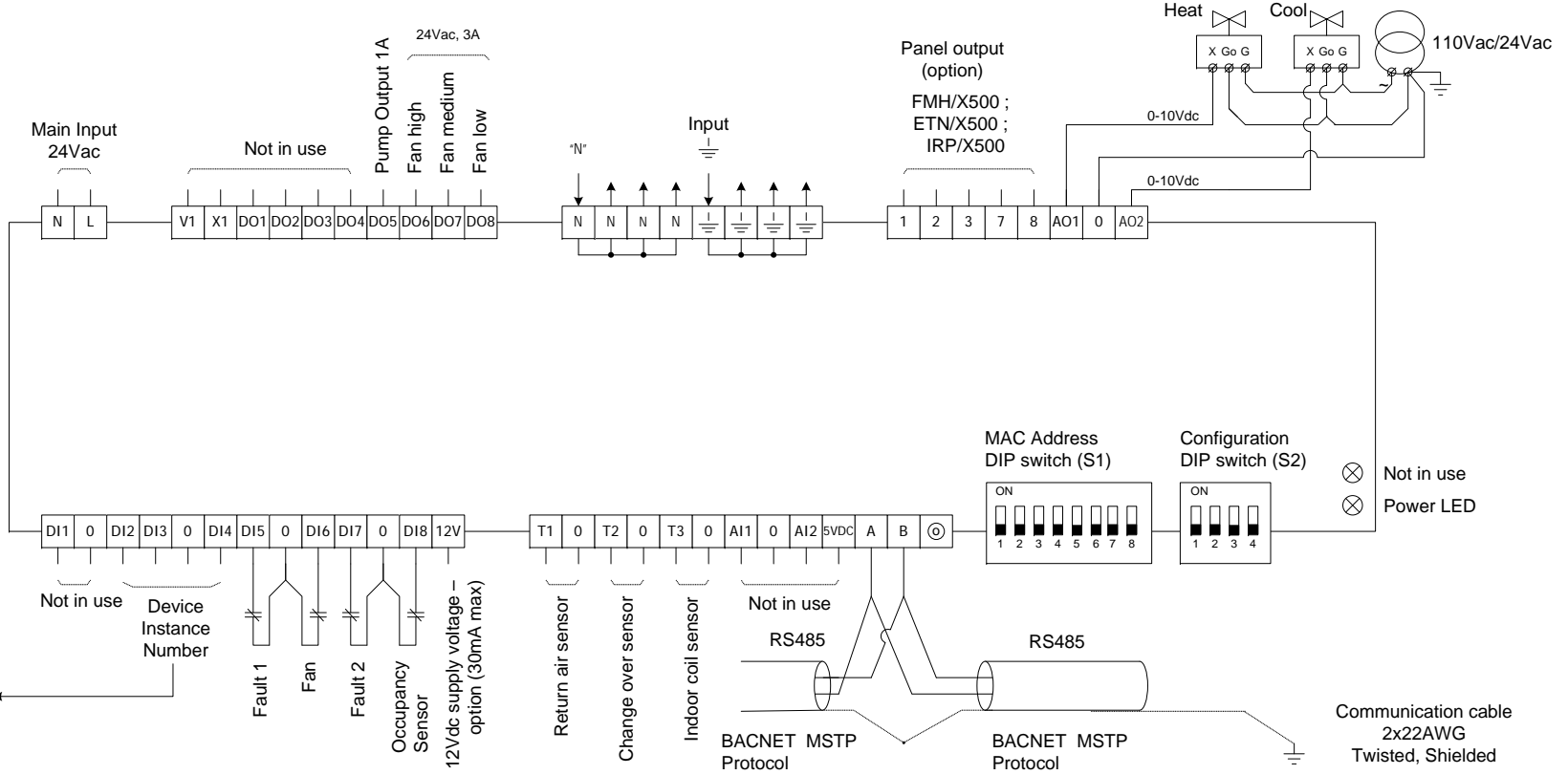


Important !
 Disconnect power to the main board before making any changes to DIP switches/ Jumpers, wiring the unit and/or connecting the wall panel.



DI2,0 DI3,0 DI4,0 -
 Device Instance Number (D.I.N.)

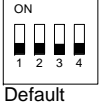
DI2	DI3	DI4	DIN
Open	Open	Open	EEPROM
Short	Open	Open	DIN=MAC+1200
Open	Short	Open	DIN=MAC+1000
Short	Short	Open	DIN=MAC+800
Open	Open	Short	DIN=MAC+600
Short	Open	Short	DIN=MAC+400
Open	Short	Short	DIN=MAC+200
Short	Short	Short	DIN=MAC

Digital Inputs

- DI5,0 - Fault 1 input (N.C.)**
 When open – all outputs OFF (no delay)
- DI6,0 - FAN** – Short – Fan Only mode available (Selectable through controller)
 Open – Fan Only mode not available
- DI7,0 - Fault 2 input (N.C.)**
 Only for indication through the protocol
- DI8,0 - Occupancy Sensor**
 When the DI8 input (N.C) is open for 10 minutes, all outputs turn Off.

DIP switch Configuration (S2)

- S2.1 – Fan ON / Auto fan configuration in cool/heat**
 ON - Auto fan in Cool
 OFF - Fan ON (always) in Cool
- S2.2 – 2-pipe / 4-pipe system**
 ON - 4-pipe
 OFF - 2-pipe
- S2.3 –**
 ON - Auto fan in Heat
 OFF - Fan ON (always) in Heat
- 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 / 86°F → Heat , T2 < 20°C / 68°F → Cool
- T3,0 - Indoor coil sensor**
Soft-start in Heat
 When T3 rises above (or equals) 36°C / 97°F → The indoor fan will start working (according to FAN ON or AUTO FAN state)
 When the temperature drops below 32°C / 90°F → 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.

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Title: **CTU2524-P-3S-FC-SUPER**
 Date: 23/10/2008

2	New S/W, Add BT	23.03.10
1	Original	23.10.08

Print name: PS-2600-ASU
 Software name: 10210911
 Check sum : 9C6A
 File: CTU2524-P-3S-FC-SUPER.vsd
 Drawn: M.Ruchansky
 Checked: O.Volovitch
 Approved: A.Samocho