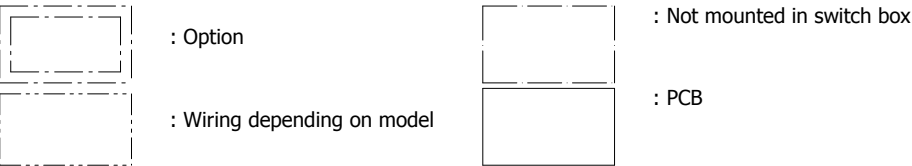


NOTES to go through before starting the unit

- X1M : Main terminal
- X2M : Field wiring terminal for AC
- X5M : Field wiring terminal for DC
- X6M : BUH Power supply terminal

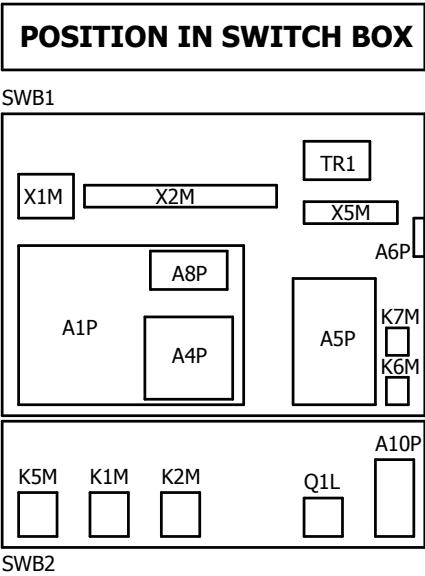
- Earth wiring
- Field supply
- Several wiring possibilities



Note 1 : Connection point of the power supply for the BUH should be foreseen outside the unit.

- Backup heater power supply
 - 6T1 (3~, 230V, 6kW)
 - 6V (1N~, 230V, 6kW)
 - 6WN/9WN (3N~, 400V, 6/9kW)

- User installed options:
- LAN adapter
 - Remote user interface
 - Ext. indoor thermistor
 - Ext. outdoor thermistor
 - Digital I/O PCB
 - Demand PCB
 - Bottom plate heater
- Main LWT:
- On/OFF thermostat (wired)
 - On/OFF thermostat (wireless)
 - Ext. thermistor
 - Heat pump convector
 - Safety thermostat
- Add LWT:
- On/OFF thermostat (wired)
 - On/OFF thermostat (wireless)
 - Ext. thermistor
 - Heat pump convector



LEGEND



Translation can be found in the installation manual.

- * : optional
- # : field supply

Part n°	Description
A1P	main PCB
A2P	* On/OFF thermostat (PC=power circuit)
A3P	* heat pump convector
A4P	* digital I/O PCB
A5P	bizone PCB
A6P	current loop PCB
A8P	* demand PCB
A9P	status indicator
A10P	MMI PSU PCB
A11P	MMI main PCB
A12P	MMI display PCB
A13P	* LAN adapter
A14P	* user interface PCB
A15P	* receiver PCB (wireless On/OFF thermostat)
B1L	flow sensor
B1PW	water pressure sensor
CN* (A4P)	* connector
DS1 (A5P)	dipswitch
DS1 (A8P)	* dipswitch
E1H	backup heater element (1 kW)
E2H	backup heater element (2 kW)
E*P (A9P)	indication LED
F1B	# overcurrent fuse backup heater
F1T	thermal fuse backup heater
F1U, F2U (A4P)	* fuse 5 A 250 V for digital I/O PCB
F1U, F2U (A5P)	fuse T 2 A 250 V for PCB
FU1 (A1P)	fuse T 5 A 250 V for PCB
FU2 (A10P)	fuse T 1.6 A 250 V for PCB
K1M, K2M	contactor backup heater
K5M	safety contactor BUH
K6M	relay 3 way valve bypass
K7M	relay 3 way valve flow
K*R (A1P, A4P)	relay on PCB

M1P	additional zone pump
M1S	mixing 3 way valve
M2P	# domestic hot water pump
M2S	# 2 way valve for cooling mode
M3P	main zone pump
M3S	3 way valve for space heating /domestic hot water
P1M	MMI display
PC (A15P)	* power circuit
PHC1 (A4P)	* optocoupler input circuit
Q1L	thermal protector backup heater
Q3L, Q4L	# safety thermostat
Q*DI	# earth leakage circuit breaker
R1H (A2P)	* humidity sensor
R1T (A1P)	inlet water thermistor
R1T (A2P)	* ambient sensor On/OFF thermostat
R1T (A14P)	* ambient sensor user interface
R2T (A1P)	outlet backup heater thermistor
R2T (A2P)	* external sensor (floor or ambient)
R5T, R8T	domestic hot water thermistor
R6T	* external indoor or outdoor ambient thermistor
R7T	mixed leaving water thermistor
S1L	flow switch
S1S	# preferential kWh rate PS contact
S2S	# electrical meter pulse input 1
S3S	# electrical meter pulse input 2
S6S-S9S	* digital power limitation inputs
SS1 (A4P)	* selector switch
SW1~2 (A12P)	turn buttons
SW3~5 (A12P)	push button
TR1	power supply transformer
X6M	# BUH power supply terminal strip
X*, X*A, J* X*H*, X*Y	connector
X*M	terminal strip