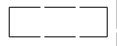
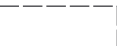

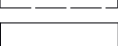


## NOTES to go through before starting the unit

- X1M : Main terminal  : Option
- X6M : BUH Power supply terminal  : Wiring depending on model
- X12M : Field wiring terminal for AC  : Not mounted in switch box
- X15M : Field wiring terminal for DC  : PCB
- : Earth wiring
- - - - - : Field supply
- ① : Several wiring possibilities

- Backup heater power supply
- 3V (1N~, 230V, 3kW)
  - 6V3 (1N~, 230V, 6kW)
  - 6WN/9WN (3N~, 400V, 6/9kW)
- User installed options:
- Backup heater
  - Remote user interface
  - Ext. indoor thermistor
  - Ext. outdoor thermistor
  - Demand PCB
  - Smartgrid kit
  - WLAN adapter module
  - WLAN cartridge
  - BZ mixing kit

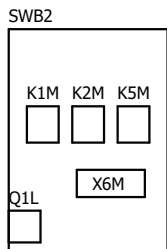
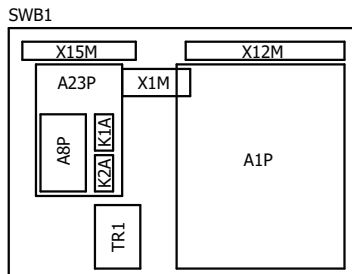
### Main LWT:

- ON/OFF thermostat (wired)
- ON/OFF thermostat (wireless)
  - Ext. thermistor
- Heat pump convactor

### Add LWT:

- ON/OFF thermostat (wired)
- ON/OFF thermostat (wireless)
  - Ext. thermistor
- Heat pump convactor

## POSITION IN SWITCH BOX



## LEGEND

Part n°	Description	Part n°	Description
A1P	main PCB	P1M	MMI display
A2P	* On/OFF thermostat (PC=power circuit)	PC (A15P)	* power circuit
A3P	* heat pump convactor	Q1L	* thermal protector backup heater
A8P	* demand PCB	Q4L	# safety thermostat
A9P	status indicator	Q*DI	# earth leakage circuit breaker
A11P	MMI PCB	R1H (A2P)	* humidity sensor
A14P	* user interface PCB	R1T (A1P)	outlet water heat exchanger thermistor
A15P	* receiver PCB (wireless On/OFF thermostat)	R1T (A2P)	* ambient sensor On/OFF thermostat
A20P	* WLAN module	R1T (A14P)	* ambient sensor user interface
A23P	hydro extension PCB	R2T (A1P)	outlet backup heater thermistor
A30P	* BZ mixing kit PCB	R2T (A2P)	* external sensor (floor or ambient)
B2L	flow sensor	R5T, R8T	domestic hot water thermistor
B1PW	water pressure sensor	R6T	* external indoor or outdoor ambient thermistor
DS1 (A8P)	* dipswitch	R7T	mixed leaving water thermistor
E1H	* backup heater element (1 kW)	S1L	flow switch
E2H	* backup heater element (2 kW)	S15	# preferential kWh rate PS contact
E*P (A9P)	indication LED	S25	# electrical meter pulse input 1
F1B	# overcurrent fuse backup heater	S35	# electrical meter pulse input 2
F1T	* thermal fuse backup heater	S45	# smart grid feed-in contact
F2B	# overcurrent fuse main	S65-S95	* digital power limitation inputs
FU1 (A1P)	fuse (T 5 A 250 V for PCB)	S10S-S11S	# low voltage smartgrid contact
FU1 (A23P)	fuse (3.15 A 250 V for PCB)	S12S	# gas meter input
K1A, K2A	* high voltage smartgrid relay	S13S	# solar input
K1M, K2M	* contactor backup heater	SW1~2 (A11P)	turn buttons
K5M	* safety contactor BUH	SW3~5 (A11P)	push button
K* (A23P)	relay on PCB	TR1	power supply transformer
K*R (A*P)	relay on PCB	X*, X*A, X*H*, X*Y	connector
M1P	main supply pump	X*M	terminal strip
M1S	DHW tank mixing 3 way valve		
M2P	# domestic hot water pump		
M2S	bypass mixing 3 way valve		
M4S	* shut-off valve		

\* : optional

# : field supply