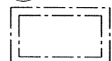


NOTES TO GO THROUGH BEFORE STARTING THE UNIT:

X1M: Main terminal
 X2M: Field wiring terminal for AC
 X5M: Field wiring terminal for DC
 X6M, X7M: Backup heater terminal
 X4M: Booster heater terminal

- : Earth wiring
- 15 ----- : Wire number 15
- : Field supply
- **/12.2 : Connection ** continues on page 12 column 2
- ① : Several wiring possibilities



: Option



: Wiring depending on model



: Not mounted in switch box



: PCB

Backup heater configuration (only for *9W):

- 3V3 (1N~, 230 V, 3 kW)
- 6V3 (1N~, 230 V, 6 kW)
- 6WN (3N~, 400 V, 9 kW)
- 9WN (3N~, 400 V, 9 kW)
- 6T1 (3~, 230 V, 6 kW)

User installed options:

- Bottom plate heater
- Domestic hot water tank
- Domestic hot water tank with solar connection
- Remote user interface
- Ext. indoor thermistor
- Ext. outdoor thermistor
- Digital I/O PCB
- Demand PCB
- Solar pump and control station

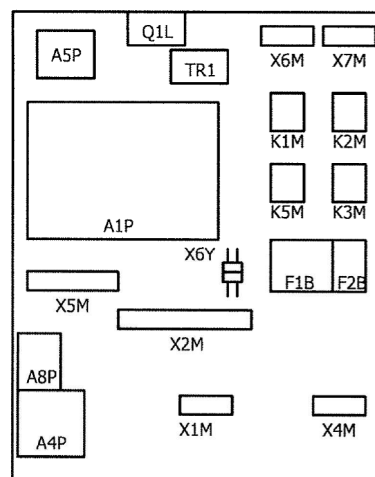
Main LWT:

- On/OFF thermostat (wired)
- On/OFF thermostat (wireless)
 - Ext. thermistor
- Heat pump convector

Add LWT:

- On/OFF thermostat (wired)
- On/OFF thermostat (wireless)
 - Ext. thermistor
- Heat pump convector

SWITCHBOX LAYOUT:



LEGEND:



Translation can be found in the installation manual

Part number	Description
A1P	Main PCB
A2P	user interface PCB
A3P	* solar pumpstation PCB
A3P	* On/OFF thermostat (PC = power circuit)
A3P	* heat pump convector
A4P	* digital I/O PCB
A4P	* receiver PCB (wireless on/OFF thermostat)
A5P	anode driver PCB
A8P	* demand PCB
B1L	flow sensor
BSK	* solar pump station relay
DS1 (A8P)	* dipswitch
E1A	electrical anode
E1H	backup heater element (1 kW)
E2H	backup heater element (2 kW)
E3H	backup heater element (3 kW)
E4H	* booster heater (3 kW)
F1B	overcurrent fuse backup heater
F2B	* overcurrent fuse booster heater
F1T	thermal fuse backup heater
F1U, F2U	* fuse 5 A 250 V for digital I/O PCB
FU1, FU2	fuse T 6.3 A 250 V for PCB
PHC1	* optocoupler input circuit
K1M, K2M	contactor backup heater
K3M	* contactor booster heater
K5M	safety contactor BUH (only *9W)
K*R	relay on PCB
M1P	main supply pump

M2P	#	domestic hot water pump
M2S	#	2 way valve for cooling mode
M3S	(*)	3 way valve for floorheating / domestic hot water
Q1DI, Q2DI	#	earth leakage circuit breaker
Q1L		thermal protector backup heater
Q2L	*	thermal protector booster heater
R1T		outlet water heat exchanger thermistor
R1T (A2P)		ambient sensor user interface
R1T (A3P)	*	ambient sensor On/OFF thermostat
R2T		outlet backup heater thermistor
R2T	*	external sensor (floor or ambient)
R3T		refrigerant liquid side thermistor
R4T		inlet water thermistor
R5T	(*)	domestic hot water thermistor
R6T		external indoor or outdoor ambient thermistor
R1H (A3P)	*	humidity sensor
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
TR1		power supply transformer
X1H		connector
X*M		terminal strip
X*Y		connector

* : optional

(*) : standard for *HV*, optional for *HB*

: field supply