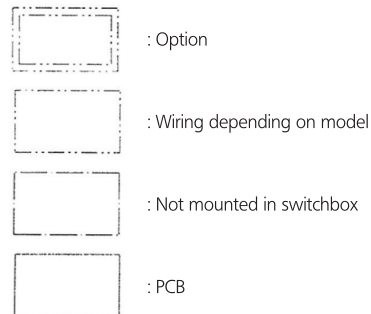


NOTES TO GO THROUGH BEFORE STARTING THE UNIT

X1M : Main terminal
 X2M : Field wiring terminal for AC
 X5M : Field wiring terminal for DC
 X3M : Backup heater terminal
 X4M : Anti-legionella heater terminal

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



User installed options:

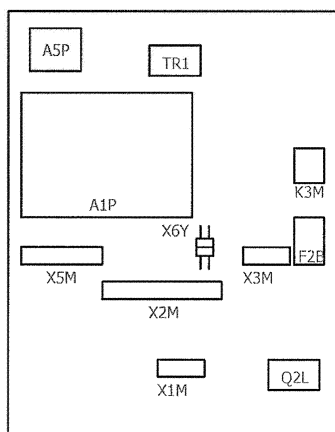
- Anti-legionella heater
 - Backup heater
 - Bottom plate heater
 - Domestic hot water tank
 - Domestic hot water tank with solar connection
 - Remote user interface
 - Ext. indoor thermistor
 - Ext. outdoor thermistor
 - Digital I/O PCB
 - Demand PCB
 - Solar pump and control station
- Main LWT:
- ON/OFF thermostat (Wired)
 - ON/OFF thermostat (Wireless)
 - Ext. Thermistor
 - Heat pump convactor
- Add LWT:
- ON/OFF thermostat (Wired)
 - ON/OFF thermostat (Wireless)
 - Ext. Thermistor
 - Heat pump convactor

LEGEND

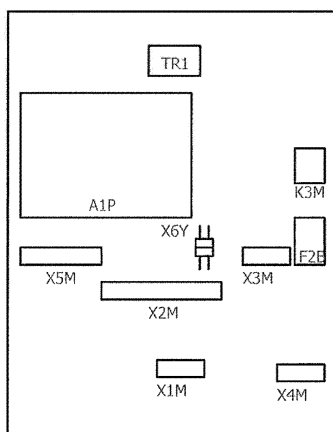
* : Optional
 (*) : Standard for EHVH*, Optional for EHBH*
 # : Field supply

A1P : Main PCB
 A2P : User interface PCB
 A3P * : Solar pumpstation PCB
 A3P * : ON/OFF thermostat (PC=Power circuit)
 A3P * : Heat pump convactor
 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
 E4H * : Anti-legionella heater (3kW)
 E5H : Anti-legionella heater (2.4kW)
 F2B * : Overcurrent fuse anti-legionella heater
 F2T : Thermal fuse anti-legionella heater
 F1U, F2U * : Fuse 5A 250V for digital I/O PCB
 FU1, FU2 : Fuse T 6.3A 250V for PCB
 PHC1 (A4P)* : Optocoupler input circuit
 K1 * : Terminal strip
 K2 * : Anti-legionella heater
 K3M (*) : Contactor anti-legionella heater
 K*R : Relay on PCB
 M1P : Main supply pump
 M2P # : Domestic hot water pump
 M2S # : Shut off valve
 M3S (*) : 3 way valve for floorheating/domestic hot water
 Q1DI, Q2DI # : Earth leakage circuit breaker
 Q2L (*) : Thermal protector anti-legionella heater
 Q3L * : Thermal protector anti-legionella heater
 R1T : Outlet water heat exchanger thermistor
 R1T (A2P) : Ambient sensor user interface
 R1T (A3P) * : Ambient sensor ON/OFF thermostat
 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 power supply contact
 S2S # : Electrical meter pulse input 1
 S3S # : Electrical meter pulse input 2
 S4S # : Safety thermostat
 S6S-S9S # : Digital power limitation inputs
 SS1 (A4P) * : Selector switch
 STB * : Thermal protector anti-legionella heater
 TR1 : Power supply transformer
 X1B* : Connector
 X*M : Terminal strip
 X*Y : Connector

POSITION IN SWITCHBOX



EHVH*



EHBH*