

EPBX10A4V / EPBX10A9W / EPBX14A4V / EPBX14A9W

NOTES to go through before starting the unit

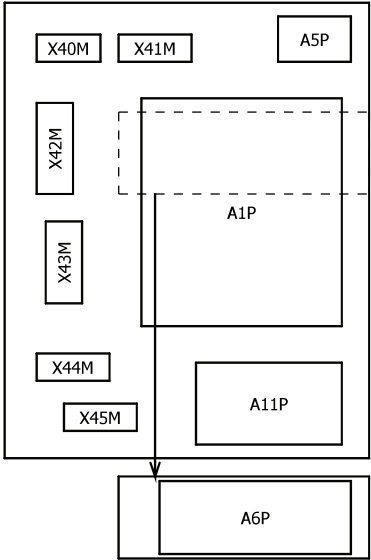
X2M	: Main Terminal Outdoor Unit		: Option
X40M	: Main Terminal Indoor Unit		
X41M	: Main Terminal Back-Up Heater		: Wiring depending on model
X42M, X43M	: Field Wiring for High Voltage		
X44M + X45M	: Field Wiring for SELV		: Not mounted in switch box
X7M, X8M	: BSH Power Supply Terminal		: PCB
-----	: Earth wiring		
- - - - -	: Field supply		
①	: Several wiring possibilities		

NOTES

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

- Backup heater power supply
- ☐ 4.5 kW (1/N~, 230V)
☐ 4.5 kW (3/N~, 230V)
☐ 4.5 kW (3~, 230V)
☐ 4.5 kW (2~, 230V)
☐ 6 kW (1/N~, 230V)
☐ 9 kW (3/N~, 230V)
- User installed options:
- ☐ Remote user interface
☐ Ext. indoor thermistor
☐ Ext. outdoor thermistor
☐ Safety thermostat
☐ Smartgrid kit
☐ W-LAN Cartridge
☐ Bizone 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
SWB1



LEGEND

Part n°	Description	Part n°	Description
A1P	Hyrdo PCB	M2S	# 2-Way valve for cooling mode
A2P	* ON/OFF thermostat (PC=power circuit)	M4S	# Shutt off valve - Inlet Leak Stop
A3P	* Heat Pump Convector	M5S	* 3-Way Valve for space heating / DHW
A5P	Power Supply PCB	P* (A14P)	* Terminal
A6P	Multi-Step Back-Up Heater PCB	P1M	Display
A9P	Daikin Eye (Status indicator)	PC (A15P)	* Power circuit
A11P	Interface PCB	PHC-T (A6P)	Thermal cutout detection
A12P	Display PCB	Q*DI	# Earth Leakage Circuit Breaker
A14P	* Remote User Interface	Q1L	Thermal protector backup heater
A15P	* Receiver PCB (wireless ON/OFF thermostat)	Q2L	Thermal protector booster heater
A30P	* Bizone Mixing Kit PCB	Q4L	# Safety thermostat
B2L	Flow sensor	R1H (A2P)	* Humidity sensor
B4L	Gas sensor	R1T (A1P)	Outlet water heat exchanger thermistor
B1PW	Water pressure sensor	R1T (A2P)	* Ambient sensor ON/OFF thermostat
CN* (A5P)	Connector	R1T (A14P)	* Ambient sensor user interface
E1H	Backup heater element	R2T (A1P)	Outlet backup heater thermistor
E2H	Backup heater element	R2T (A2P)	* External sensor (floor or ambient)
E3H	Backup heater element	R5T	Domestic hot water thermistor
E4H	Backup heater element	R6T	* External in- or outdoor ambient thermistor
E5H	Backup heater element	S1S	# Preferential kWh rate PS contact
E6H	* Booster heater element	S2S	# Electrical meter pulse input 1
E*P (A9P)	Indication LED	S3S	# Electrical meter pulse input 2
F1B	# Overcurrent fuse backup heater	S4S	# Smartgrid feed-in
F2B	# Overcurrent fuse Main	S10S-S11S	# Low voltage smartgrid contact
F3B	# Overcurrent fuse Booster Heater	ST6 (A30P)	* Connector
F1T	Thermal Fuse backup heater	TS1	Touch Sensor
F1U (A1P)	Fuse 5 A 250 V for PCB	X*A, X*Y, X*Y*, X*H, X*H*	Connector
K1A, K2A	* High voltage smartgrid relay	X*M	Terminal strip
K3M	* Contactor booster heater	Z*C	Noise Filter (Ferrite Core)
K*R (A*P)	Relay on PCB		
K80* (A6P)	Relay on PCB		
M1P	Unit Pump		
M2P	# Domestic hot water pump		

* : optional

#: field supply