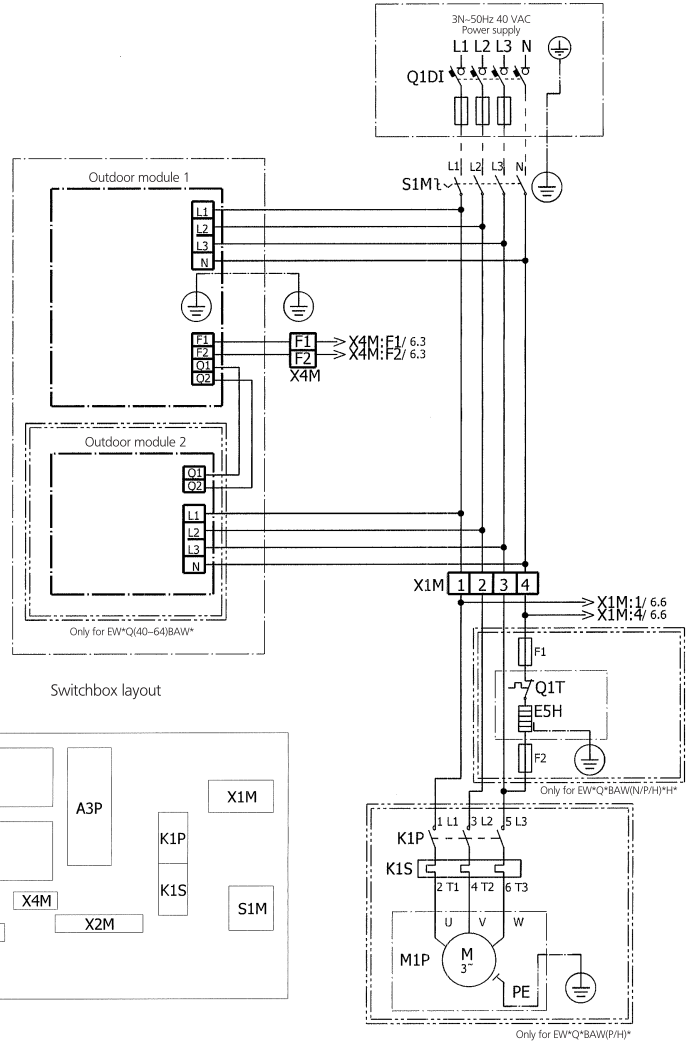


LEGEND

* : field installed option
: field supplied

A1P	: Main PCB (Master)
A2P	: User interface PCB
A3P	: Control PCB
A4P	*: Demand PCB
A5P	: Main PCB (Slave)
A6P	*: Demand PCB
A7P	*: Remote user interface PCB
C1 - C3	: Filter capacitor
E1H	: Switch box heater
E2H	: Plate heat exchanger (circuit 1)
E3H	: Plate heat exchanger (circuit 2)
E4H	: water piping heater
E5H	: Expansion vessel heater
F1-F2	: Fuse (F, 1A, 250V)
FU1 (A*P)	: Fuse (T 3.15A 250 V)
HAP (A*P)	: PCB LED
K11E	: Electronic expansion valve (circuit 1)
K21E	: Electronic expansion valve (circuit 2)
K1P	: Pump contactor
K1S	: Pump overcurrent relay
K*R (A3P)	: PCB relay
M1P	: Pump
PS (A*P)	: Switching power supply
Q1DI	#: Earth leakage circuit breaker
Q1T	: Thermostat for expansion vessel heater
R11T	: Leaving water thermistor (Circuit 1)
R12T	: Returning water thermistor (Circuit 1)
R13T	: Refrigerant liquid thermistor (Circuit 1)
R14T	: Refrigerant gas thermistor (Circuit 1)
R21T	: Leaving water thermistor (Circuit 2)
R22T	: Returning water thermistor (Circuit 2)
R23T	: Refrigerant liquid thermistor (Circuit 2)
R24T	: Refrigerant gas thermistor (Circuit 2)
S1L	: Flow switch (Circuit 1)
S2L	: Flow switch (Circuit 2)
S1M	: Main switch
S1S	#: Thermostat input 1
S2S	#: Thermostat input 2
S3S	#: Operation ON input
S4S	#: Operation OFF input
SS1 (A1P/A5P)	: Selector switch (emergency)
SS1 (A2P)	: Selector switch (main/sub)
SS1 (A7P)	*: Selector switch (main/sub)
V1C-V2C	: Ferrite core noise filter
X1M-X4M	: Terminal strip
X801M (A*P)	*: PCB terminal strip
Z1F-Z2F (A*P)	: Noise filter



NOTES TO GO THROUGH BEFORE STARTING THE UNIT

- 1 X1M: Terminal, X2M: Field wiring terminal for high voltage, X3M: Field wiring terminal for low voltage, X4M: Factory wiring terminal for low voltage
- 2 : Earth wiring, : Field supply : Option : Wiring depending on model

: Not mounted in switchbox : PCB ****/12.2**: Connection ** continues on page 12 column 2 : Several wiring possibilities

3 User installed options:

- EKRUHT* Remote user interface
- 1x EKR1AHT* Demand PCB (Only for EW*Q(16-32)BAW*)
- 2x EKR1AHT* Demand PCB (Only for EW*Q(40-64)BAW*)