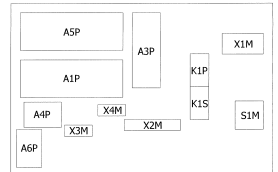


LEGEND

* : Field installed option
 # : field supplied

- | | |
|---|--|
| A1P : Main PCB (Master) | R11T : Leaving water thermistor (Circuit 1) |
| A2P : User interface PCB | R12T : Returning water thermistor (Circuit 1) |
| A3P : Control PCB | R13T : Refrigerant liquid thermistor (Circuit 1) |
| A4P * : Demand PCB | R14T : Refrigerant gas thermistor (Circuit 1) |
| A5P : Main PCB (Slave) | R21T : Leaving water thermistor (Circuit 2) |
| A6P * : Demand PCB | R22T : Returning water thermistor (Circuit 2) |
| A7P * : Remote user interface PCB | R23T : Refrigerant liquid thermistor (Circuit 2) |
| C1 - C3 : Filter capacitor | R24T : Refrigerant gas thermistor (Circuit 2) |
| E1H : Switch box heater | S1L : Flow switch (Circuit 1) |
| E2H : Plate heat exchanger (circuit 1) | S2L : Flow switch (Circuit 2) |
| E3H : Plate heat exchanger (circuit 2) | S1M : Main switch |
| E4H : water piping heater | S1S # : Thermostat input 1 |
| E5H : Expansion vessel heater | S2S # : Thermostat input 2 |
| F1-F2 : Fuse (F, 1A, 250V) | S3S # : Operation ON input |
| FU1 (A*P) : Fuse (T 3.15A 250 V) | S4S # : Operation OFF input |
| HAP (A*P) : PCB LED | SS1 (A1PA5P) : Selector switch (emergency) |
| K11E : Electronic expansion valve (circuit 1) | SS1 (A2P) : Selector switch (main/sub) |
| K21E : Electronic expansion valve (circuit 2) | SS1 (A7P) * : Selector switch (main/sub) |
| K1P : Pump contactor | V1C-V2C : Ferrite core noise filter |
| K1S : Pump overcurrent relay | X1M-X4M : Terminal strip |
| K*R (A3P) : PCB relay | X801M (A*P) * : PCB terminal strip |
| M1P : Pump | Z1F-Z2F (A*P) : Noise filter |
| PS (A*P) : Switching power supply | |
| Q1DI # : Earth leakage circuit breaker | |
| Q1T : Thermostat for expansion vessel heater | |

Switchbox layout



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 : PCB : **/12.2: Connection ** continues on page 12 column 2 : Several wiring possibilities

3 User installed options:

- EKRUJAH* Remote user interface
- 1x EKRP1AHT* Demand PCB (Only for EW*Q(16-32)BAW*)
- 2x EKRP1AHT* Demand PCB (Only for EW*Q(40-64)BAW*)