



- Notes:
- 1 This wiring diagram only applies to the hydromodule switchbox
  - 2 Field wiring No/Nc: Normal open/Normal closed
  - 3 Terminal strip Connector Terminal Protective earth
  - 4 Do not operate the unit by short-circuiting any protection device.
  - 5 BLK: Black / WHT: White / RED: Red / BLU: Blue / PINK: Pink / YLW: Yellow  
BRN: Brown / GRY: Grey / GRN: Green / ORG: Orange / VIO: Violet
  - 6 When the remote ON/OFF, remote heating and remote cooling function is not used, apply wire bridge between terminals 1, 2 and 4.

- A11P : Main PCB
- A12P : User interface PCB
- A4P (EKRP1HB) : Remote alarm PCB
- E6H : Expansion vessel heater
- E7H : water piping heater
- E8H : Heattape (Field supply Max. 200W)
- FU1 : Fuse 3,15A T 250V for PCB
- FU2 : Fuse 5A T 250V
- FuS, FuR : Fuse 5A 250V Remote alarm PCB
- K4M : pump relay
- K7M : Heater relay
- M1P : Pump
- PHC1 : Optocoupler input circuit
- Q1DI : Earth leakage protector
- R11T : Outlet water heat-exchanger thermistor
- R13T : Refrigerant liquid side thermistor
- R14T : Inlet water thermistor
- S1L : Flowswitch
- S12M : Main switch
- S2S : benefit kWh rate signal
- S3S : remote heating signal
- S4S : remote cooling signal
- S5S : remote ON/OFF signal
- S2T : thermostat expansion vessel heater
- SS1; SS2 : DIP switch
- TR1 : Transformer 24V for PCB
- V1S, V2S : Spark suppression 1, 2
- X2M : Terminal strips
- X1-2Y : Connector