



- Notes:
- 1 This wiring diagram only applies to the hydromodule switchbox
 - 2 Field wiring No/Nc/Normal open/Normal dosed
 - 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 : Heatertape (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
K9M : 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