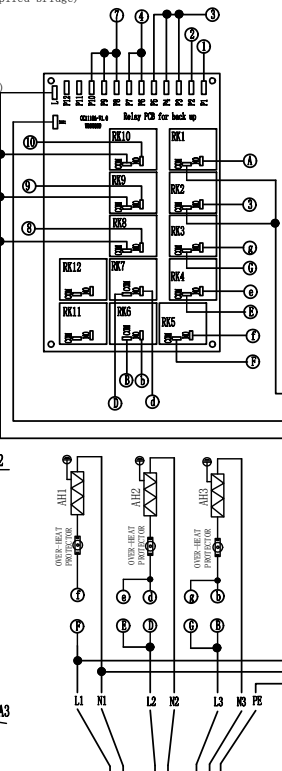
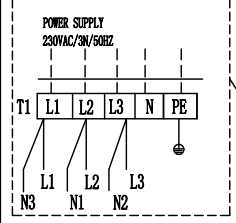
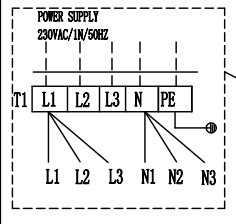
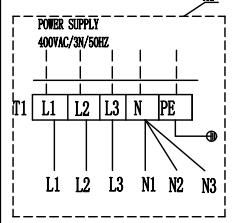


WIRING DIAGRAM

- LEGEND:**
- P0=Circulation pump-internal
 - P1=Circulation pump-Heating/Cooling circuit 1 (Zone1)
 - P2=Circulation pump-Heating/Cooling circuit 2 (Zone2)
 - HWTBH=DHW back-up signal (230VAC)
 - HBH=Heating back-up signal (230VAC)
 - MS=Working mode signal (230VAC)
 - MV1=Mixing valve 1-Heating/Cooling circuit 1 (Zone1)
G+:-24V+;.COM=-;1=Y
 - MV2=Mixing valve 2-Heating/Cooling circuit 2 (Zone2)
G+:-24V+;.COM=-;2=Y
 - ES=Electrical utility lock
 - CS=Cooling switch
 - HS=Heating switch
 - TH=High temp. demand switch(factory applied bridge)
 - FSW=Flow switch connection
 - DV=Diverting valve
 - Temperature sensors
 - TR=Room temp. sensor
 - TC=Heating/Cooling temp. sensor
 - TW=Sanitary hot water temp. sensor (DHW)
 - TV1=Mixing circuit 1 temp. sensor
 - TV2=Mixing circuit 2 temp. sensor
 - TU0=Heat exchanger outlet temp. sensor

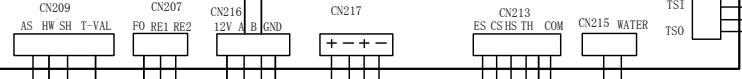
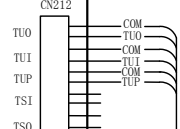
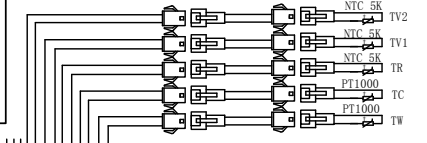
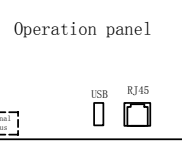
- TUI=Heat exchanger inlet temp. sensor
- TUP=Heat exchanger coil temp. sensor
- Thermostats(active only in analog back-up)
- DWT=Thermostat for analog back-up DHW mode
- HT=Thermostat for analog back-up heating mode
- Relays
- RABU=Analog back-up and P0 PWM signal
- RK6&RK7=Back-up for heating(auto mode) relay
- RK3&RK4&RK5=Back-up heaters analog back-up relays
- RK8=Circulation pump P0 analog back-up
- RK9=Circulation pump P1 analog back-up
- RK10=Circulation pump P2 analog back-up
- RK2=DHW Analog back-up relay



TO OUTDOOR UNIT
single phase
Min. 3X2.5mm²

TO OUTDOOR UNIT PUMP PO
TO OUTDOOR UNIT P1 P2
PO PWM 2x0.75mm²
SHIELDED
NOTE:
inside the outdoor unit

Indoor PCB



TO OUTDOOR UNIT COMMUNICATION
2X0.75mm² SHIELDED

NOTE:
inside the outdoor unit.