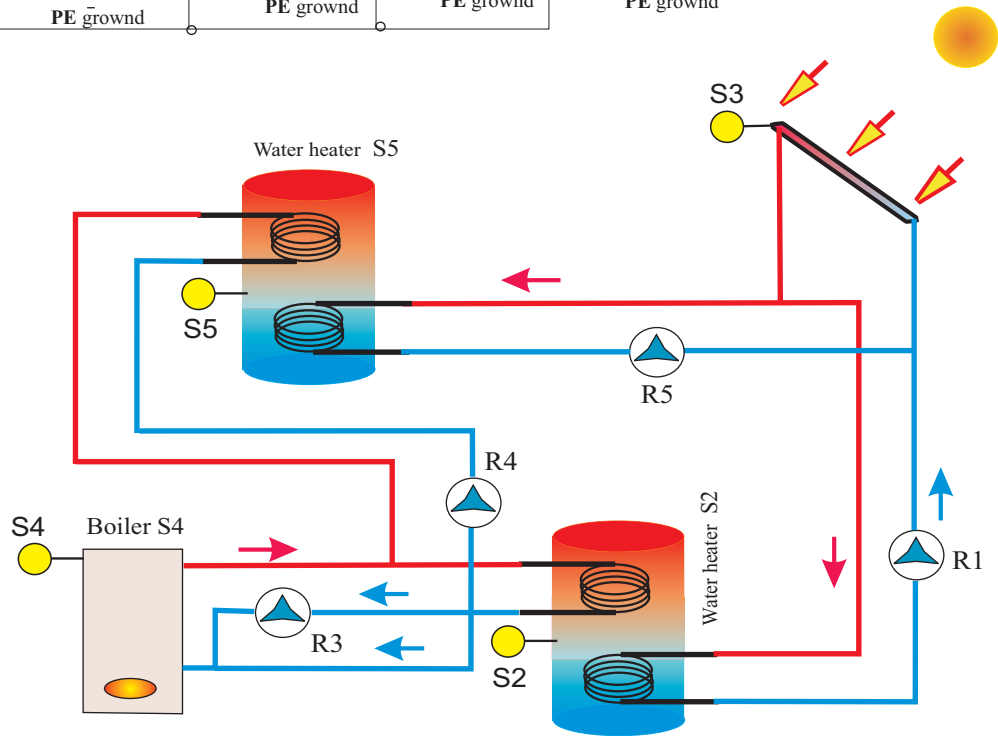
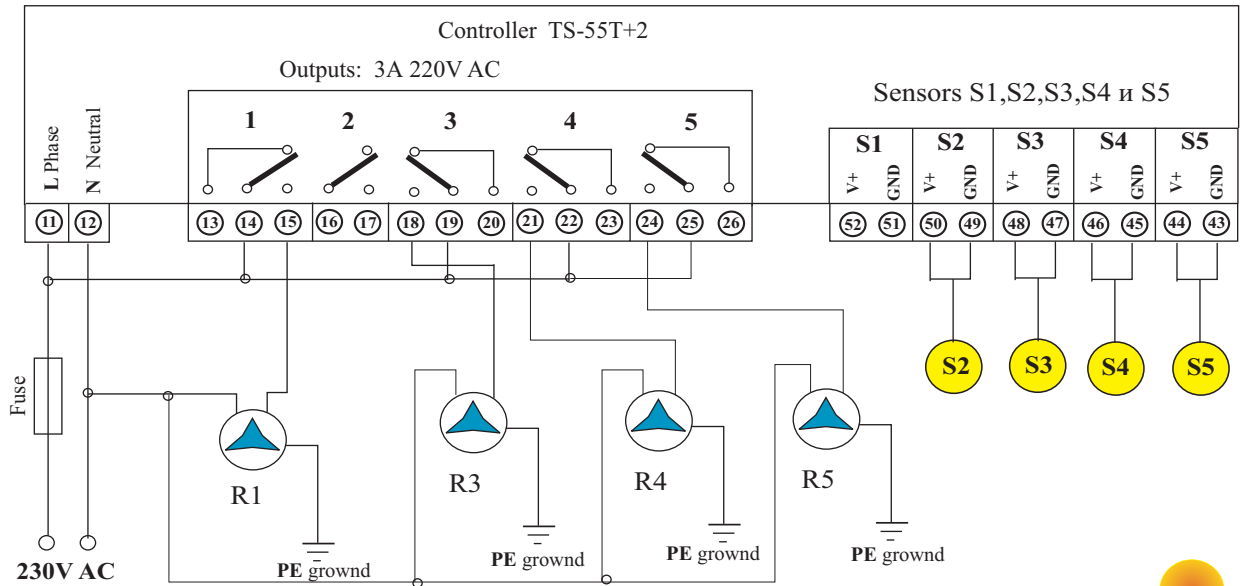


**Management of two boilers with four pumps.  
Each water heater has two coils.**

**Electric scheme**



**TURN ON / TURN OFF outputs:**

**Output 1:**

If (S3-S2)>6 then the output is TURN ON.  
If (S3-S2)<3 then the output is TURN OFF.

**Исход 3:**

If (S4-S2)>7 then the output is TURN ON.  
If (S4-S2)<4 then the output is TURN OFF.

**Исход 4:**

If (S3-S5)>8 then the output is TURN ON.  
If (S3-S5)<3 then the output is TURN OFF.

**Исход 5:**

If (S4-S5)>8 then the output is TURN ON.  
If (S4-S5)<4 then the output is TURN OFF.

**Programming:**

1. Set the time and date.
2. Select "Automatic mode".

R1, R2, R3, R4 - Heat pump.  
S2, S3, S4 S5 - Sensors.

This table should be write into the controller as using functional table (see TS-plus2).  
 You only need to enroll only numbers with circles (the other is established by RESET).

Table setup of the differential regulators, logical functions and thermostats						
Row from the table for programming	Output number:					Note
	1	2	3	4	5	
Top Level - °C Top level thermostats XX=2 до 90°C	90	90	90	90	90	Temperature to TURN ON the conditional output of the thermostat
Top Level-Sensor S Sensor for thermostat top level S=0-6	0	0	0	0	0	
Low Level - °C Low level thermostats XX=2 до 90°C	05	T <sub>min</sub> 05	05	05	05	Temperature to TURN ON the conditional output of the thermostat
Low Level-Sensor Sensor for thermostat top level S=0-6	0	0	0	0	0	
Differential regulator ON TEMPERATURE 2 - 90°C	6	05	7	8	8	Temperature difference ST-SP to TURN ON the conditional output of the regulator
Differential regulator OFF TEMPERATURE 2 - 90°C	3	02	4	3	4	Temperature difference ST-SP to TURN OFF the conditional output of the regulator
Differential regulator sensor ST 0 - 6	3	0	4	3	4	Sensor heat source *
Differential regulator sensor SP 0 - 6	2	0	2	5	5	Sensory hot-receiver *
Used logical function AND, OR	0	0	0	0	0	A(AND) / O(OR)

\* - Do not put ST = SP !