

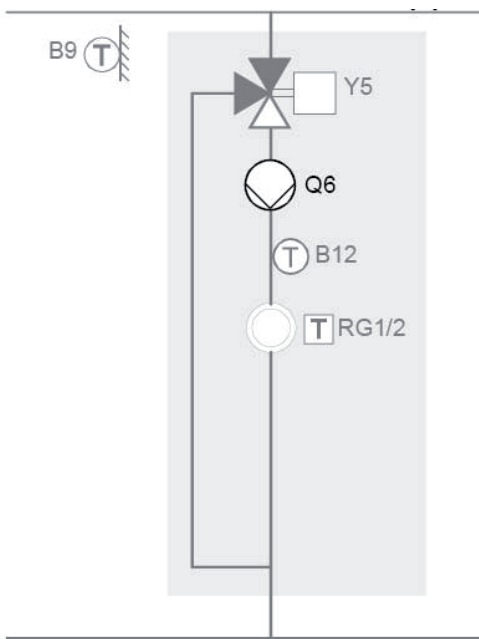
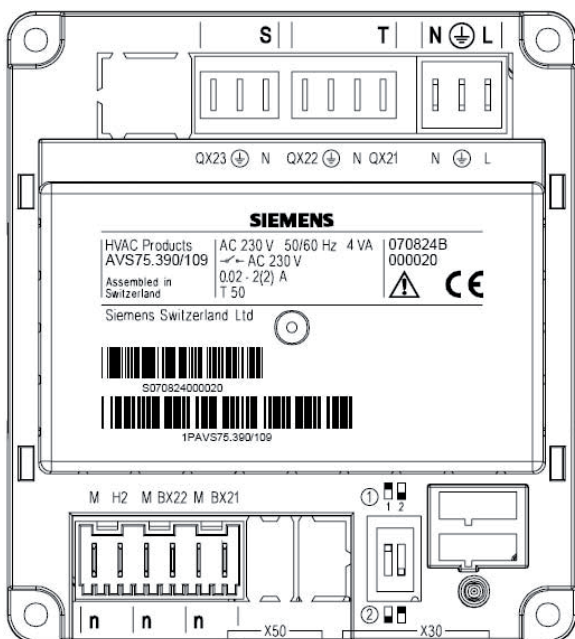
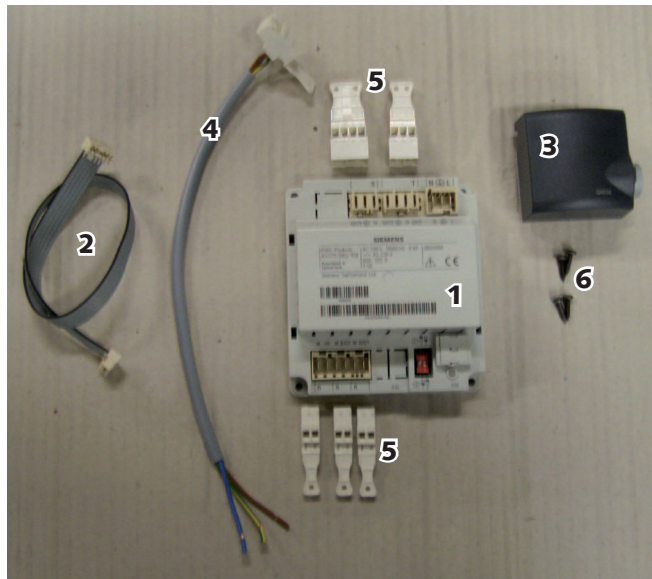


## Installation of second heating circuit with AVS75-390

**Extension module cpl. for second heating circuit, part. No 583186401**

Included in the delivery:

1. Extension module AVS 75.390
2. Connection flat cable AVS 83.490
3. Flow temperature sensor QAD 36
4. Power supply cable with connector
5. Connectors, 5 pcs.
6. Screws, 4 pcs
7. Installation manual, heating circuit 2



### Connections to AVS75-390.

1. Connect the flat cable from terminal X50 at the AVS75-390 to the RVS 43.143 terminal X50.
2. Connect the circulation pump(Q6) for heating circuit 2 to connector **S** marked QX23, N, Earth.
3. Connect the mixing valve (Y5) for heating circuit 2 to connector **T** marked QX21 (open), Qx22 (close), N, Earth.
4. Connect the flow sensor (B12) for heating circuit 2 to connector n marked BX21.
5. Connect the power supply cable:
  - First, the three thin cables (blue, yellow/green and brown) to the existing contact on the RVS 43.143 **N ⊕ L**
  - Then, the white contact in the opposite end of the cable to AVS 75-390 **N ⊕ L**
6. Check the switches at the AVS75-390 to be in position: ①      
 1 2

## Parameter settings (according to English menu texts).

### Note!

During all settings, the "Commissioning"-mode (9) has to be activated to access parameters.

7. Press the "OK- button", the text "Time of day and date" shall be visible.
8. Press the "**i**-button" for 3 seconds, the text " Enduser" shall be visible.
9. Turn the knob to select the text "Commissioning" and press the "OK-button".
10. Select "Configuraton" and press OK.
11. Select menu 5715 "Heating circuit 2" and check it is set to "ON".
  - If the setting is "ON", it is ok.
  - If the setting is set to "OFF", press the "OK-button", set to "ON" and press "OK-button".
12. Select menu **6020 "Function extension module 1"** and press the "OK-button" and set to "**Heating circuit**" and press the "OK-button".
13. Press the "Esc-button".
14. Select "Heating circuit 2" and press OK.
  - Select menu 1020 to adjust "Heating curve slope"
  - Select menu 1040 to adjust "Flow temp setpoint min"
  - Select menu 1041 to adjust "Flow temp setpoint max".If heating circuit 2 is used for a floor heating system, set the parameter to a low temperature.
15. To check the measured flow temperature at circuit 2, Select "Diagnostics consumers" and press OK.
16. Select menu 8773 (B12) to see the flow temperature at heating circuit 2.