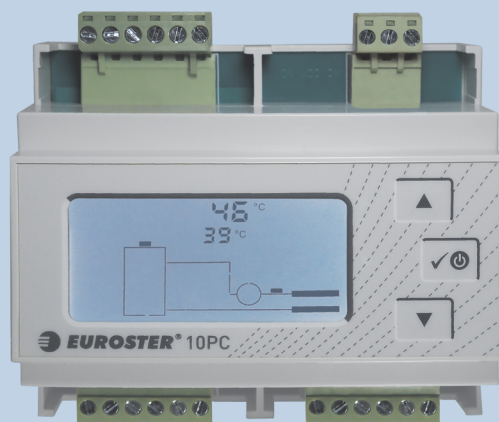


# E10PC

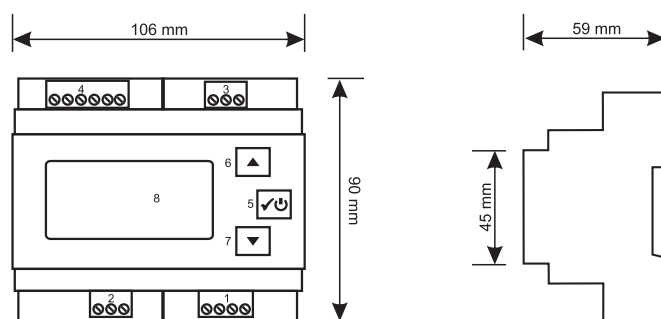
Controller of a CH pump featuring heating source control



- The controller may be used in the following systems:
  - With a heat pump, to control the CH pump with a buffer tank
  - Floor heating equipped with a thermostatic mixing valve
  - Heating systems, to switch on the CH pump with an activation temperature
- Controls a CH circulating pump
- Controls a heating source
- Cooperates with a room thermostat
- Protects the heating system against overheating – a preset alarm temperature for a heating zone and supply
- Measures the heating source temperature
- Temperature reading correction
- Prevents seizure of the pump – Anti-Stop function
- set of sensors included
- Installation in an electric cabinet (6 modules) on a DIN 35 mm rail

Controlled device	CH circulating pump, heating sources
Supply voltage	230 V 50 Hz
Max power consumption of the controller	2 W
Maximum output load	100W (each output)
Relay, voltage type output	CH pump
Relay, voltage-free type output	heat pump or other heating device
Temperature measurement range	-30°C...+ 110°C
Temperature adjustment range – CH zone	+10°C...+80°C
Temperature adjustment accuracy	1°C
Temperature reading accuracy	1°C
Visual signalization	backlit LCD
Operation/storage temperature	+5 °C...+40 °C / 0 °C...55 °C
Ingress protection rating	IP 20
Color	gray
Mounting method	35 mm DIN rail-mounted, inside electrical cabinets
Weight of the controller with cables	300 g
Standards, approvals, certificates	conformity to EMC, LVD and RoHS
Warranty period	2 years
Dimensions (width / height / depth) mm	106/90/59
Content of the controller set	Euroster 10PC controller, 2 m-long power cable, temperature sensors (3-m-long – 2 pcs.), sensor hose clips, Installation and Operation Manual with Warranty Certificate

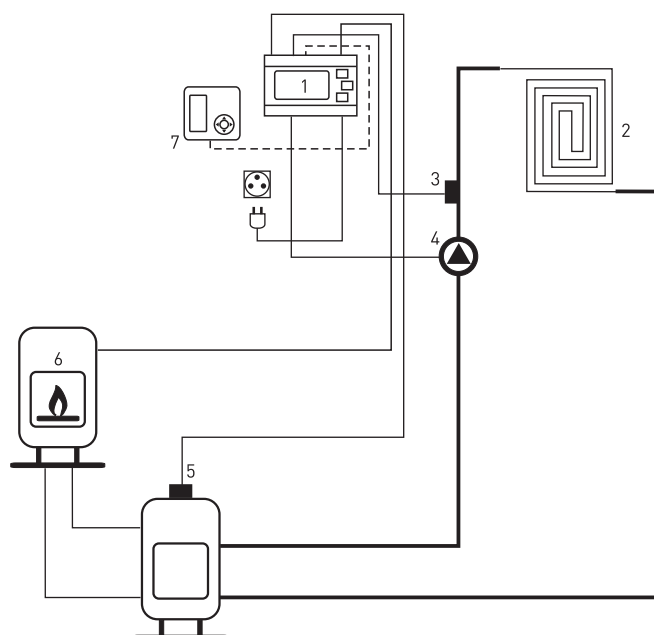




1. Controller's power connection – 230 V 50 Hz
2. Output for connecting the CH pump 230 V 50 Hz
3. Output for connecting heating source (change-over voltage-free contact)
4. Connector for temperature sensors and room thermostat
5. Confirm and switch-on/off button
6. Button – increase parameters
7. Button – decrease parameters
8. LCD

### SYSTEM LAYOUT

The following diagram is simplified and does not cover all the elements necessary for the correct operation of the system.



1. EUROSTER 10PC Controller
2. Heating zone, e.g. floor heating
3. Heating zone temperature sensor
4. CH pump
5. Heating source temperature sensor
6. Heating device, e.g. gas boiler
7. Room thermostat (option)