

EUROSTER T6 CONTROLLER

1. FIELD OF APPLICATION

The EUROSTER T6 controller task is to control a floor central heating (CH) system. Additionally to turning ON/OFF actuators mounted on mixing valves of the CH floor system, the controller may also turn the CH boiler and circulation pump OFF if all heating loops are OFF.

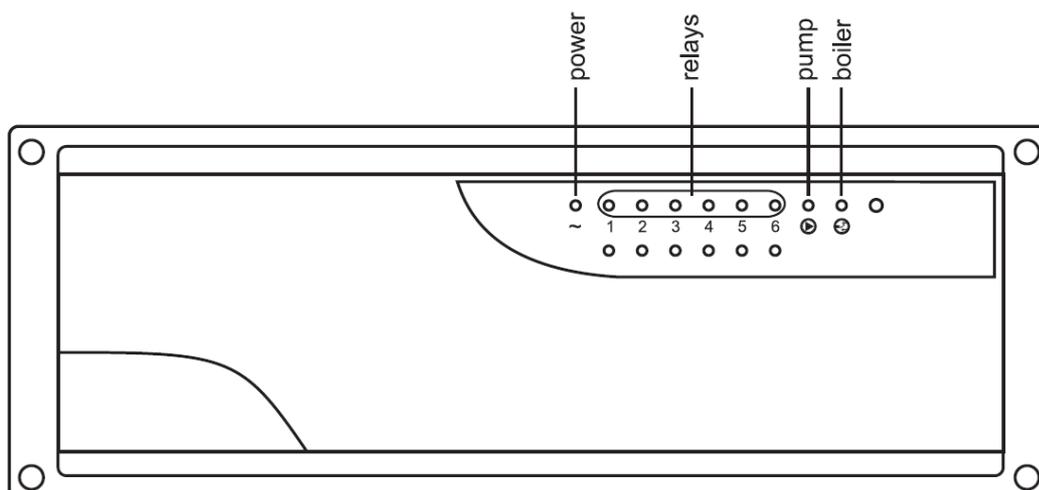
The controller may cooperate with wired EUROSTER room thermostats and 230 VAC normally closed (NC) valve actuators in CH loops.

If a room is heated by several CH loops, we recommend to use a single unit in which suitable REG terminals are short-circuited by some jumpers.

The controller may supply an output signal to turn the CH circulation pump ON/OFF, an output signal to turn the CH boiler ON/OFF, as well as 6 output signals to control mixing valve actuators in up to 6 CH loops. Should control of more CH channels be needed, any number of T6 controllers may be connected.

The T6 controller does not control CH water temperature. To that purpose we recommend the EUROSTER 11M controller.

T6 controller front view



2. FUNCTIONALITY

Capability to control:

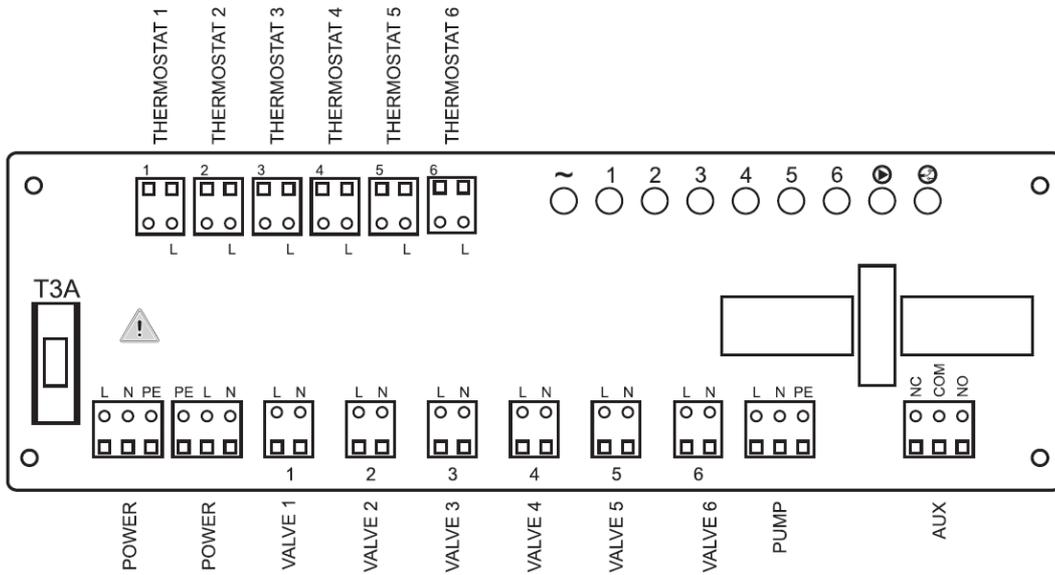
- up to six CH loops
- circulation pump
- boiler (via voltage-free contacts of an output relay).

3. INSTALLATION



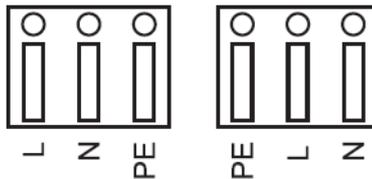
ATTENTION Some device terminals and output wires may be at life-threatening voltages. Therefore power supply must be unconditionally cut off during the entire period the device is installed. The device may be installed only by a suitably qualified electrician. Do not install any unit showing any signs of a mechanical damage.

T6 controller connection diagram



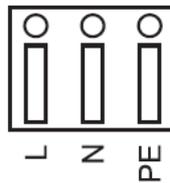
While hooking up power supply cable pay particular attention to correctly connect the grounding wire.

Power supply terminals (230 V 50 Hz)



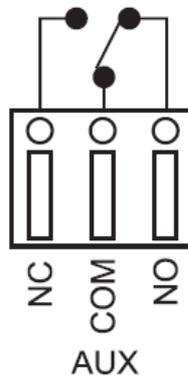
MAINS 230 V 50 Hz

Pump terminals



PUMP

AUX terminals



AUX

4. OPERATION

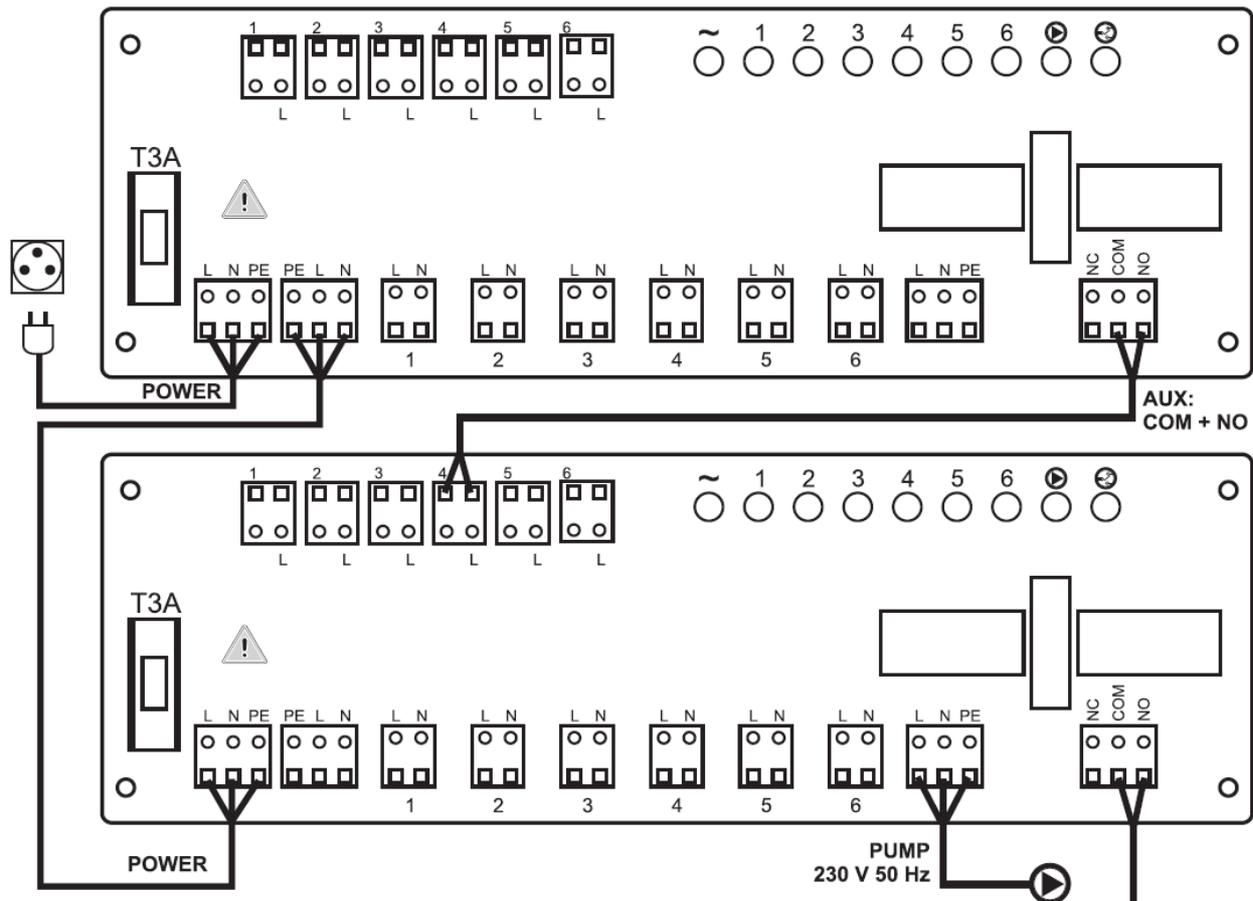
If any of the cooperating room thermostats signals demand for heat, the controller turns the CH pump ON, throws the AUX relay into the COM-NO position, activates the respective valve actuator, and lights the respective LED diode up.

As soon as all the cooperating room thermostats have become inactive, the CH pump is turned OFF, and the AUX relay reverts to the COM-NC position.

5. CO-OPERATION OF SEVERAL CONTROLLERS

If a single pump and boiler are supplying more than six CH loops, several T6 controllers may be daisy-chained. To that purpose each T6 controller is equipped with an internally bridged pair of power supply terminals. You may use another set of terminals in the pair to feed the power to a downstream controller in the chain.

Connect boiler output relay COM/NO contacts of each but the last T6 controller in the chain with the thermostat input of a next T6 controller in the chain. Feed output signals of the last T6 controller in the chain to pump/boiler controllers.



6. STANDARDS AND CERTIFICATES

The ET6 controller is compatible with the EMC EU Directive and with the LVD EU Directive. Declaration of compatibility is available on the <http://www.euroster.com.pl> webpage.

7. TECHNICAL SPECIFICATIONS

a) Mains	230 V 50 Hz
b) Maximum (combined) load	3 A
c) Actuator control signals	230 V 50 Hz
d) Dimensions (width x height x depth) mm	270 x 95 x 50

8. SHIPPING LIST

- a) Euroster T6 controller
- b) This user manual

9. ELECTRONIC WASTE UTILIZATION



We made every effort to get as long controller lifetime as possible. However, the device is subject to natural tear and wear. We ask you to have a controller that will not meet your requirements any more brought into an electronic waste management facility. Electronic waste is collected free of charge by local distributors of electronic equipment.

Inappropriate management of electronic waste may lead to an unnecessary environment pollution.

Cardboard boxes should be disposed of at a paper recycling facility.

EUROSTER T6 CONTROLLER WARRANTY CERTIFICATE

Warranty terms:

1. Warranty is valid for 24 months from the controller sale date.
2. Claimed controller together with this warranty certificate must be supplied to the seller.
3. Warranty claims shall be processed within 14 business days from the date the manufacturer has received the claimed device.
4. Controller may be repaired exclusively by the manufacturer or by other party clearly authorized by the manufacturer.
5. Warranty becomes invalidated in case of any mechanical damage, incorrect operation and/or making any repairs by unauthorized persons.
6. This consumer warranty does not exclude, restrict nor suspend any right of the Buyer ensuing if the product would not meet any of the sale contract terms.

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sale date

serial number/date of
manufacture

signature/stamp

Business entity that issued this warranty certificate:

P.H.P.U. AS Agnieszka Szymańska-Kaczyńska, Chumiętki 4, 63-840 Krobia, Poland