

DELTA 200 3D

Actuator controller of 3-way valve



DESCRIPTION OF A CONTROLLER

DELTA 200 3D controller is designed for three way valve actuator control and central heating pump control to maintain water temperature in the system at a certain level or to protect the boiler against "cold return".

THE CONTROLLER HAS THE FOLLOWING FEATURES:

- temperature programming using buttons
- control of the 3-way valve actuator operation
- control of the central heating circulation pump
- possibility of connecting a room thermostat
- damage indication of the temperature sensor
- ability to connect the remote control panel CONTROL with audible alarm function

The regulator, via the three way valve, strives to maintain temperature measured at the sensor at a certain level.

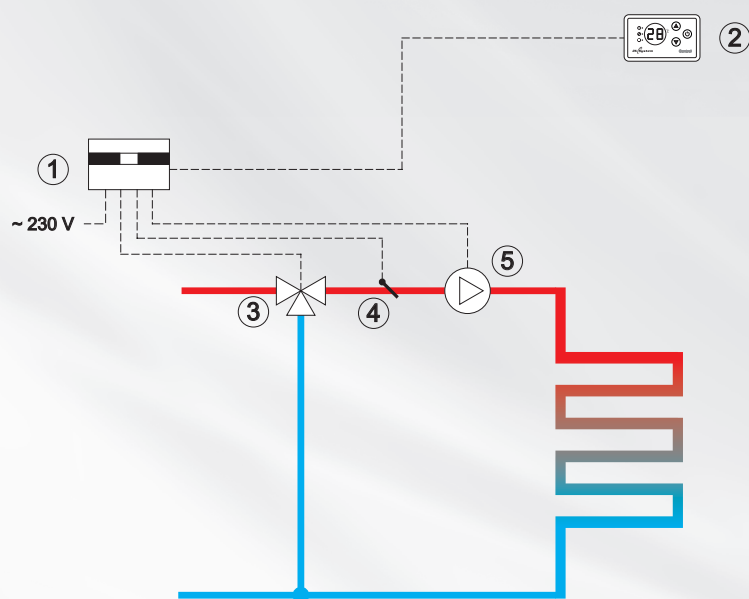


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TECHNICAL DATA	DELTA 200 3D
Range of measured temperature	from - 9 °C to + 99 °C
Range of temperature settings	from + 10 °C to + 90 °C
Hysteresis of the 3-way valve	from 1 °C to 5 °C
Allowable outputs load	pump: 100 W / 230 V 3W valve: 50 W / 230 V
Rated voltage	230 V, 50 Hz
Electric protection	1,25 A
Relative air humidity	< 95 %
Protection class	IP40
Insulation class	II
Dimensions	145 x 90 x 45 mm
Ambient temperature	from 0 °C to + 40 °C

CONNECTION DIAGRAM OF THE CONTROLLER TO HEATING INSTALLATION



1. DELTA 200 3D controller
2. CONTROL panel
3. 3 - way valve
4. Temperature sensor
5. Pump

Example of the heating installation diagram with a DELTA 200 3D controller without the cutting off and protecting devices. It does not replace a professional project at the assembly spot.