



miniMULTI

installation controller

Installation controller supporting:

- heat pump
- gas boiler
- electric boiler
- simple mixing systems and domestic hot water (DHW)

miniMULTI is a controller for installations in simple mixing systems and hybrid systems.

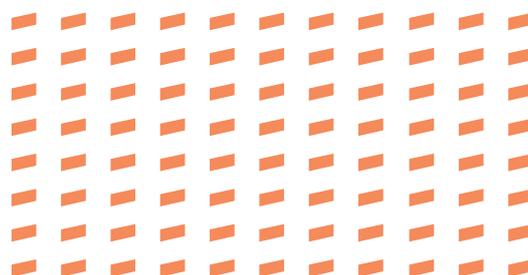
Why choose the miniMULTI controller?

- sell hydraulic cabinets with a built-in installation controller; focus on electronics that modernize your solution and put you one step ahead of the competition
- offer installers easy device connection with the Installation Assistant
- control the system via a Bluetooth app on your phone by connecting miniMULTI with the evoSYNC or xCLOUD device
- manage the installation comprehensively while reducing rising energy bills
- optimize system performance and costs with weather-based control

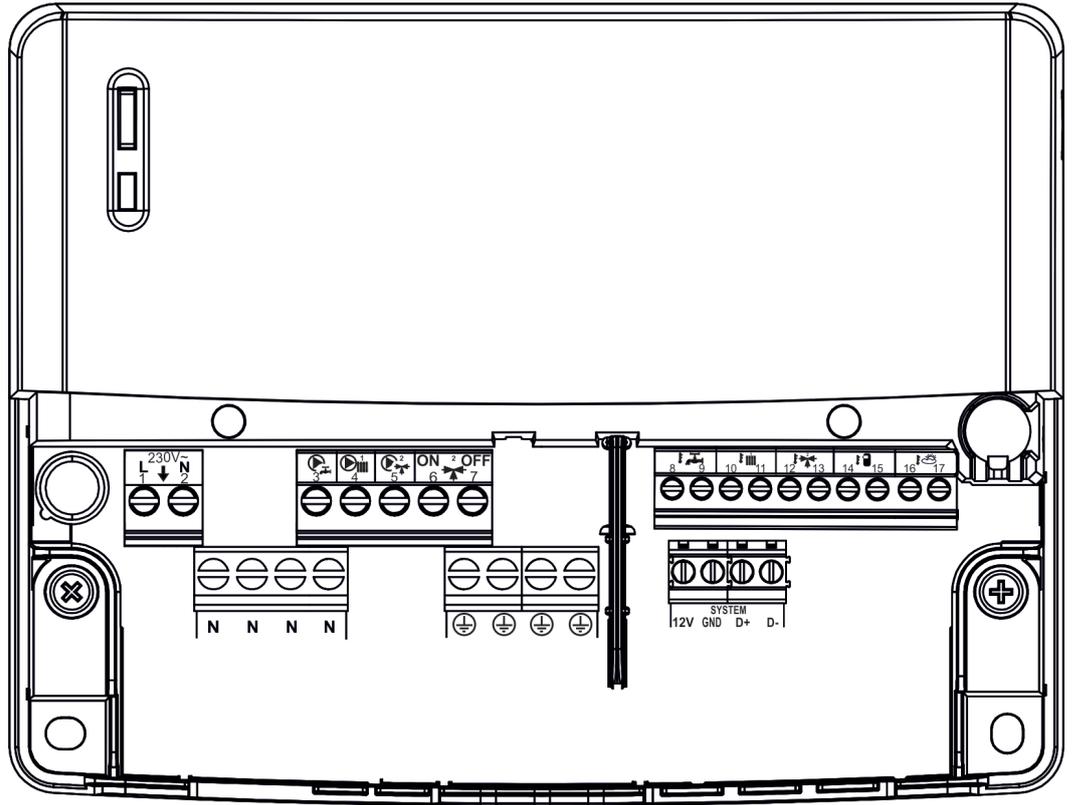
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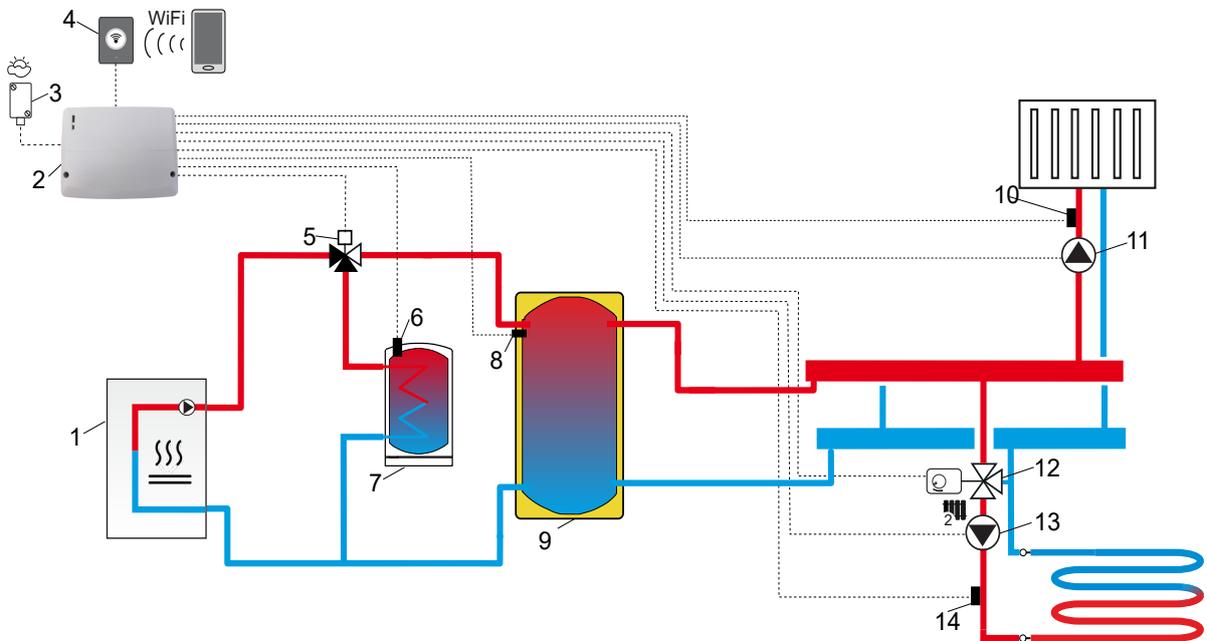
edition
1.0, 02.10.2025



electrical diagram



hydraulic diagram

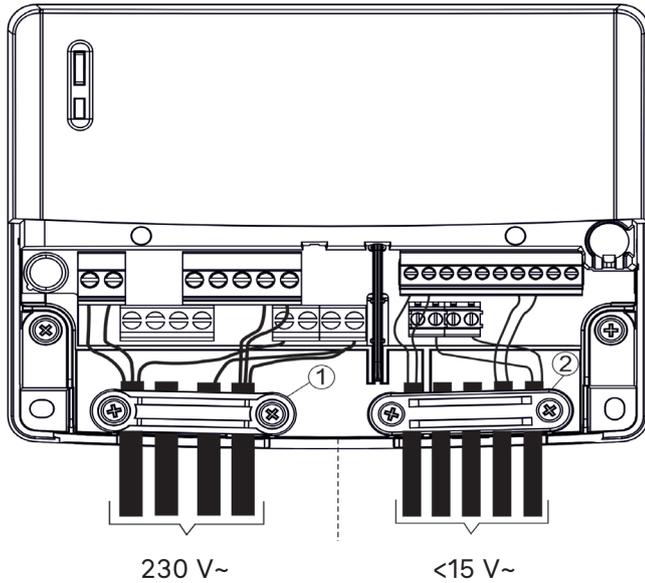


- 1: heat source
- 2: miniMULTI controller
- 3: outdoor temperature sensor
- 4: internet module
- 5: 3-way valve or DHW pump

- 6: DHW temperature sensor
- 7: DHW tank
- 8: buffer temperature sensor
- 9: buffer tank
- 10: circuit 1 temperature sensor

- 11: circuit 1 pump
- 12: circuit 2 mixing valve actuator
- 13: circuit 2 pump
- 14: circuit 2 temperature sensor

external cables



- ① 4x ø 5-8,5 mm
 max. 4 wires
 ø 5-8.5 mm passing through the strain relief
- 5x ø 5-6,5 mm
 max. 5 wires
 ø 5-6.5 mm passing through the strain relief
- ② 7x ø 4-6 mm
 max. 7 wires
 ø 4-6 mm passing through the strain relief

technical data

power supply	~230 V, 50 Hz, 4 A
current consumption	40 mA
maximum rated current	4(4) A
protection degree	IP 20
operating temperature	min. 0 °C, max. 40 °C
storage temperature	min. -25 °C, max. +60 °C
relative humidity	5 - 85%, non-condensing
communication	- RS485
temperature measurement range (CT10 sensors)	min. 0 °C, max. 100 °C
temperature measurement range (CT10-P sensor)	min. -40 °C, max. +40 °C
temperature measurement accuracy (CT10 and CT10-P sensors)	±2 °C
screw terminals – power connections	cross-section: 1.0–2.5 mm ² without ferrules cross-section: 0.75–1 mm ² with ferrules stripping length: 7 mm tightening torque: 0.66 Nm
screw terminals – signal connections	cross-section: 0.5–1.5 mm ² without ferrule cross-section: 0.14–0.75 mm ² with ferrule stripping length: 6–7 mm tightening torque: 0.2 Nm
dimensions	140 x 105 x 44 mm
standards	PN-EN 60730-2-9 PN-EN 60730-1 PN-EN 62311
software class	class A, according to PN-EN 60730-1
protection class	class II (PN-EN 60730-2-9)
micro-environmental pollution degree	degree 2 (PN-EN 60730-2-9)
mounting method	independently mounted on a flat surface
accessories	evoSYNC, ecoNET Cloud app, xCLOUD, xTHERM TOUCH, temperature sensors

miniMULTI installation controller features:

- ▬ possibility to connect to an internet system – remote control and operation via ecoNET Cloud
- ▬ built-in Installation Assistant
- ▬ support for up to 2 heating circuits; control of one regulated circuit (underfloor heating system and radiators)
- ▬ domestic hot water (DHW) support
- ▬ simple remote software update
- ▬ easy operation
- ▬ simple thermostat pairing
- ▬ 3 operating modes (auto/eco/comfort)
- ▬ anti-legionella – thermal disinfection
- ▬ time schedules
- ▬ weather-based control

application of the miniMULTI controller

- ▬ hydraulic cabinets
- ▬ pump groups
- ▬ heat pumps
- ▬ heating boilers (when using evoSYNC or ISM)

create a single system with the evoSYNC- HEMS energy management module

Integrate all HVAC devices into a single system and manage home energy in a smart, dynamic, and flexible way. Build a universal system in which you can:

- ▬ remotely analyze historical device operation data and optimize their parameters
- ▬ shorten device installation time and eliminate errors using the Installation Assistant and installation log
- ▬ reduce service visit costs by resolving issues remotely via the internet-based system

