



ecoMULTI

systemic installation controller

Systemic installation controller managing heating, cooling, and ventilation systems

The ecoMULTI systemic installation controller manages the hydraulic installation and the entire heating, cooling, and ventilation system. The ecoMULTI controller provides the option to choose from various heat sources, including heat pumps, gas boilers, electric boilers, and central ventilation systems with heat recovery. It ensures the management and servicing of the entire heating system, all from a single panel or remotely through ecoNET CLOUD

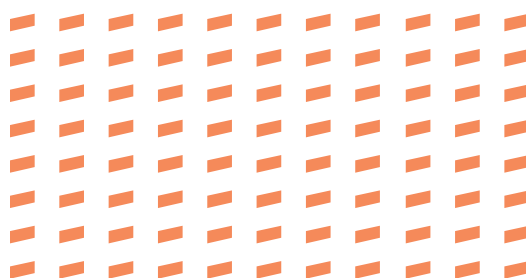
Benefits:

- Remote operation and management via ecoNET CLOUD.
- Lower service costs thanks to the ecoNET CLOUD platform.
- Intuitive initial setup with the built-in Installation Assistant.
- Weather-based control for greater savings.

PLUM Sp. z o.o.
st. Wspólna 19, Ignatki, 16-001 Kleosin
National Waste Database No. 000009381

www.hvac.plum.pl/en
hvac@plum.pl

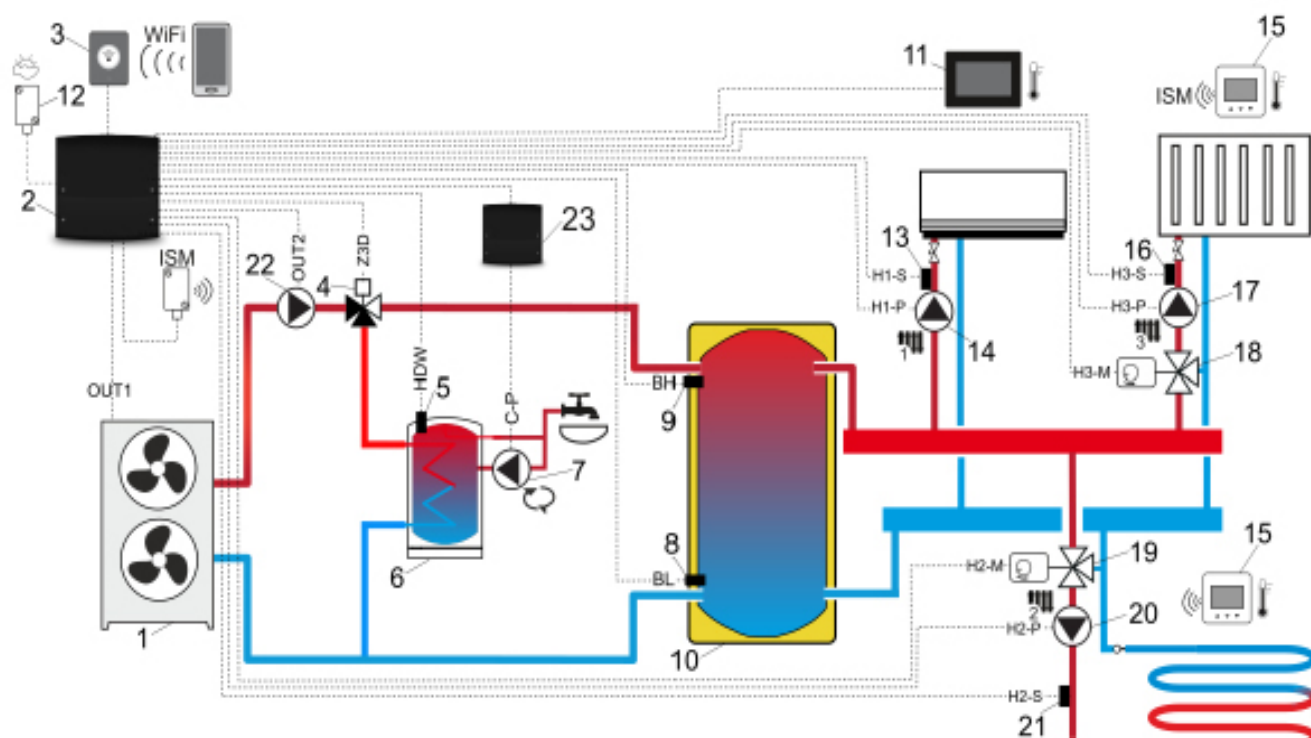
edition
1.2, 28.02.2024



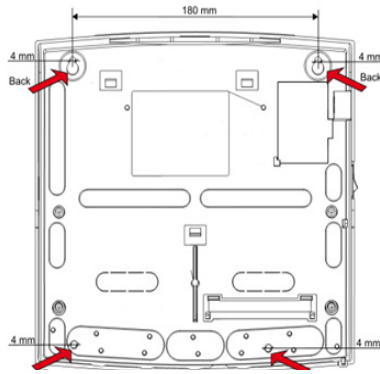
Dane techniczne

Power supply / Current consumption	230 V, 50 Hz / 0,04 A
Module protection class	IP 20
Ambient temperature / Storage temperature	0...50°C/0...65°C
Module connectors	Screw terminals at supply voltage side - 0.75...2.5 mm ² Screw terminals at control voltage side - 0.14...1.0 mm ²
Display	Color capacitive touch panel, TFT 4.3" 480x272px
Module external dimensions	234x225x64 mm
Weight	1,2 kg
Standards	PN-EN 60730-2-9, PN-EN 60730-1
Pollution degree	2-nd pollution degree acc to EN 60730-2-9
Module installation method	On the wall, on a stand, by magnet
The CT-10 / CT6-P type sensor temperature type measurement range; Accuracy	0...100°C / -40...+40°C; ±2°C
Dimensions	front: 144.4 /97.5 side: 21/10 back: 136/89
Accessories	xTHERM series xTHERM TOUCH 4,3" panel ecoMAX360B xCLOUD

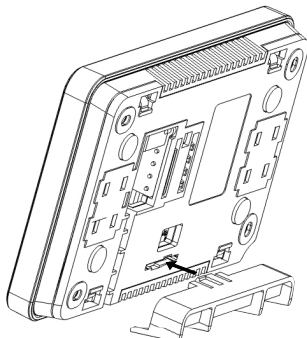
Sample diagram



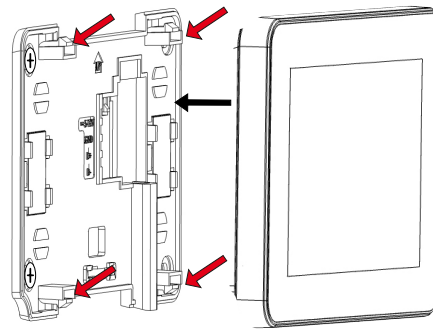
Module and panel installtion



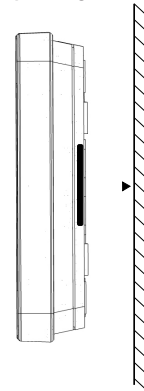
On a stand



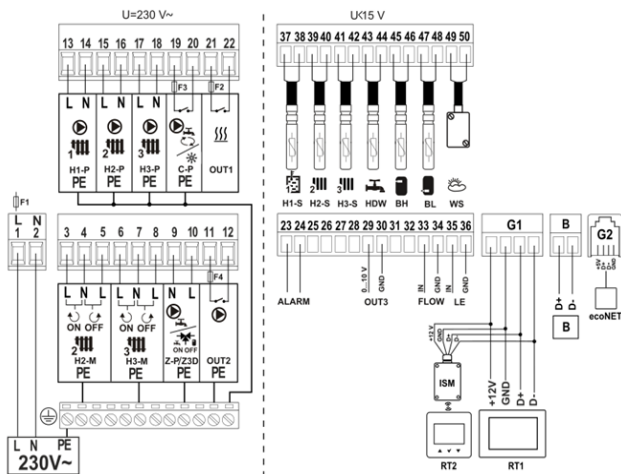
On the wall



By magnet



Electrical connection



WS weather temperature sensor type CT6-P, ALARM heat pump alarm detection (NO-NC contact), OUT3 output for heat source output modulation/connection of heat pump compressor, FLOW flow meter, LE electric energy meter, RT1 control panel with room thermostat function, RT2 xTherm 40r wireless room thermostat or xTherm 20r wireless room temp. sensor (ISM_xSMART radio module), B additional module (additional adjustable circuits), ecoNET ecoNET web module (optional)

L N PE power supply 230 VAC, F1 main fuse installed inside the controller, H2-M adjustable 2 circuit servo, H3-M adjustable 3 circuit servo, Z3D 3-way valve buffer/DHW tank (only heat pump), Z-P DHW pump, OUT2 (no-voltage contact and must be protected by external fuse F4 - max. value 3.15 A), H1-P direct (non-adjustable) circuit water pump, H2-P adjustable 2 circuit water pump H3-P adjustable 3 circuit water pump, C-P – circulation pump or cooling circuit (only heat pump), (no-voltage contact and must be protected by external fuse F3 max. value 3.15 A), OUT1 turning on the main heat source or turning on heating of the circuit but only for the heat pump - no-voltage contact and must be protected by external fuse F2 max. value 3.15 A, H1-S direct circuit water temperature sensor type CT-10, H2-S water temperature sensor of adjustable 2 circuit type CT-10, H3-S water temperature sensor of adjustable 3 circuit type CT-10, HDW DHW temperature sensor type CT-10, BH upper buffer temperature sensor type CT-10, BL lower buffer temperature sensor/hydraulic clutch temperature sensor type CT-10,