

Instalacja zasilająca musi mieć podłączony przewód ochronny PE i być wyposażona w zabezpieczenie nadprądowe oraz różnicowo-prądowe.

The diagram illustrates the internal wiring of the ReguLAR v1.1.0 control system. It shows the connection of various components to the central control unit, including power supply, signal inputs, and outputs.

Power Supply and Safety: The system is connected to a 24VDC power source and a 0.63A fuse. The main power supply is connected to the WN (Water Inlet) and WW (Water Outlet) terminals. The control unit is grounded (GND) and connected to the N (Neutral) and L1 (Line 1) terminals.

Signal Inputs and Outputs: The control unit features several signal inputs and outputs, including:

- SI1, SI2, SI3, SI4/SI5:** Temperature and pressure sensors (CZUJNIKI W CENTRALI).
- ADI1, ADI2, ADI3:** Analog input channels.
- AO1/AO2, AO3, AO4:** Analog output channels.
- TB1, TB2, TB3:** Temperature and pressure sensors (CZUJNIKI W CENTRALI).
- Y1, Y2:** Relay outputs for the siłownik obejścia (bypass valve) and siłownik przepustnicy (flow valve).
- K1, K2, K3, K4, K5, K6, K7:** Relay outputs for the siłownik przepustnicy (flow valve).
- L:** Line output for the siłownik przepustnicy (flow valve).

Control Unit and Components: The central control unit is labeled **ReguLAR v1.1.0**. It includes a 24VDC power source, a 0.63A fuse, and a 1600W secondary heater (NAGRZ. WTÓRNA 1600 W). The control unit is connected to the WN (Water Inlet) and WW (Water Outlet) terminals.

**SCHEMAT ELEKTRYCZNY
CENTRALA WENTYLACYJNA
EkoZefir RK-200-KPG-V1/V2-E1.6**