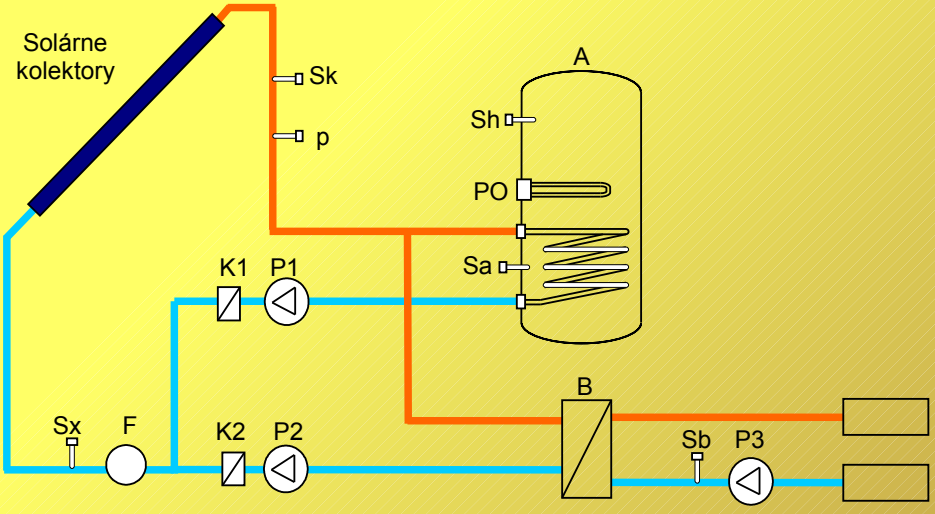
Solar systems controller DX4304.DIN

DX4304.DIN controller provides automatic operation of simple solar systems. The device has the possibility of free use of two auxiliary outputs.

Operating parameters are displayed on the LCD. Using the keyboard, you can set it to the desired working mode. There are five inputs for temperature sensors, two triac outputs to control pumps (continuously variable speed), and two potential-free relay contacts for control of freely programmable auxiliary outputs.

The device measures and records the amount of solar energy supplied to the system. It is possible to connect it to the PC.

- Freely programmable controller.
- Displaying data on the LCD
- Pressure sensor
- Measuring and logging of the supplied energy
- Possibility of manual operation
- Connection to PC
- DIN rail mounting



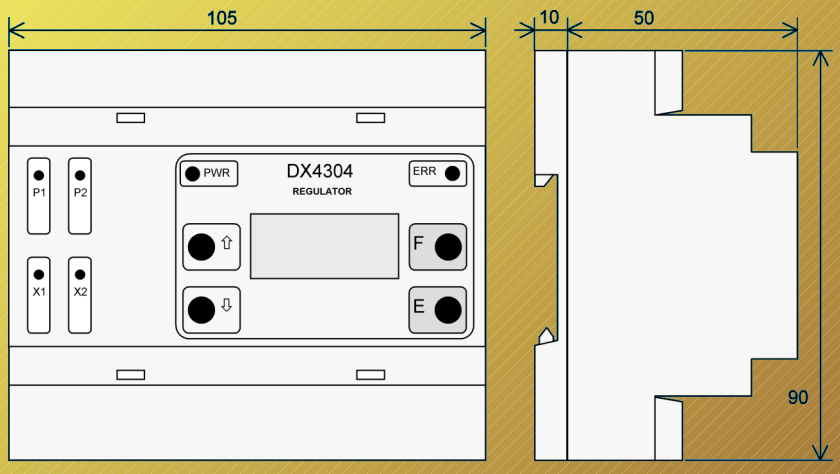
Block diagram of the controlled system with separate two pumps:
A,B - exchangers, Sk, Sa, Sb, Sx, Sh – temperature sensors, p – pressure sensor
F – flow meter,
PO – auxiliary heating, K1, K2 – return valves, P1, P2, P3 - pumps

Technical data

Supply voltage	230 V
Measuring range	-25 ÷ 170 °C
Measuring accuracy	± 1,5 K
Sensors types	DX1083, DX1112
Numbers of inputs	6
Numbers of outputs	4
Max. outputs load	1A
Pressure sensor	DX5500
Communication	yes

Operating conditions

Ambient temperature	5 ÷ 50 °C
Relat. humidity max.	80% at 30 °C
Air pressure	70 ÷ 106 kPa



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