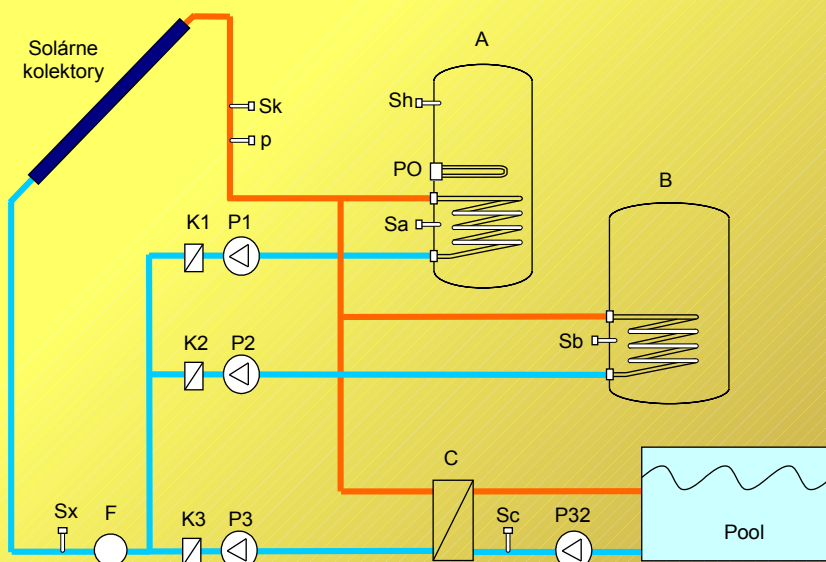# duel

Solar systems controller DX4306.DIN

DX4306.DIN controller provides automatic operation of simple solar systems. The device has the possibility of free use of three auxiliary outputs.

Operating parameters are displayed on the LCD. Using the keyboard, you can set it to the desired working mode. There are sex inputs for temperature sensors, three triac outputs to control pumps (continuously variable speed), and three 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

Hydraulicscheme of controlled system: Sk,Sa,Sb,Sc,Sx,Sh -temperature sensors, p – pressure sensor, PO – auxiliary heating, P1,P2,P3,P32 - pumps

Technical data

Supply voltage	230 V
Measuring range	-25 ÷ 170 °C
Measuring accuracy	± 1,5 K
Sensors types	DX1083, DX1112
Numbers of inputs	8
Numbers of outputs	6
Max. outputs load	1A
Pressure sensor	DX5500
Communication	yes

Operating conditions

Ambient temperature	5 ÷ 50 °C
Relat. humidity max.	80% at30 °C
Air pressure	70 ÷ 106 kPa

DUEL Námestovo s.r.o., Florinova 928/9, 029 01 Námestovo
tel: +421 43 5591092
fax: +421 43 5591091

duel@duel-ltd.sk
www.duel-ltd.sk