Solar systems controller DX4201D

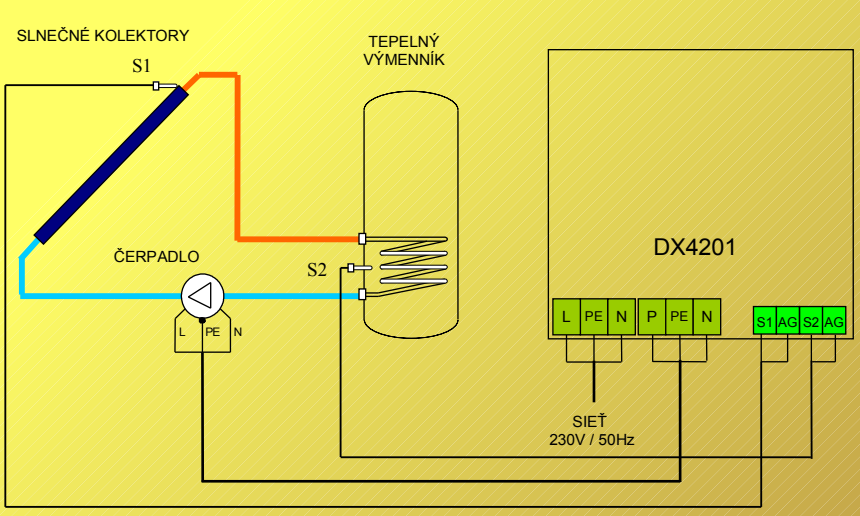
The regulator DX4201D is designed for single-circuit solar thermal systems, which provides automatic control of pump operation, heat transfer medium through which a heat energy is transferred from the collectors to the storage.

The device measures a pair of temperature sensors temperature difference between collector and storage. Compares these temperatures and, when the temperature at the collector is higher than the set value on the stack (dT), and when the temperature in the tank is lower than the set temperature T, the pump turns on.

All device parameters are set by the service at Installation and operation is completely unattended.

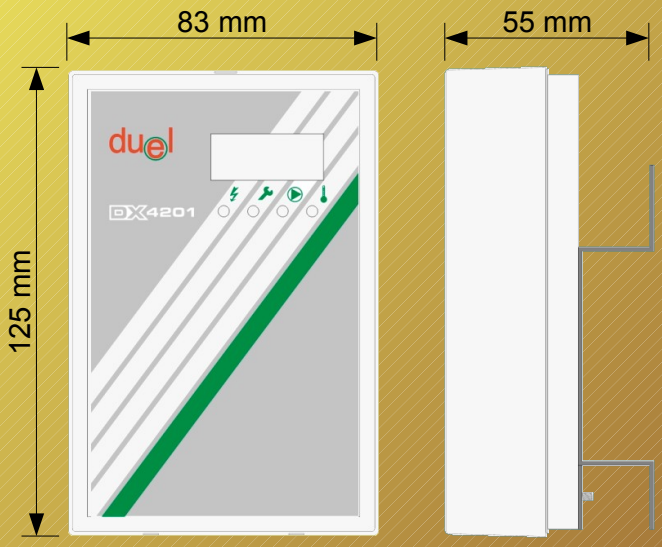
Operational conditions and equipment failure are indicated by two-line backlit LCD display and LEDs.

- Unattended device
- Pump running indication
- Indication energy storage charge
- Automatic speed control of Pump
- Optimal use of solar energy



Technical data

Supply voltage:	230V/50Hz
Max. power input:	230VA
Output voltage:	230V
Max. output current:	1A
Fuse:	T 2A/230V
Measurenment range:	-25°C až 170°C
Temperature sensors:	DX1083, DX1112
Adjustment range ΔT:	1 až 18 K
Adjustment range T:	10 až 90°C
Pipe protection:	120°C
Operating temperature:	0 až 50°C
Relative humidity:	max. 80% pri 30°C
Air pressure:	70 až 106 kPa
Cover protection	IP20



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