



## Solar systems controller DX4201D



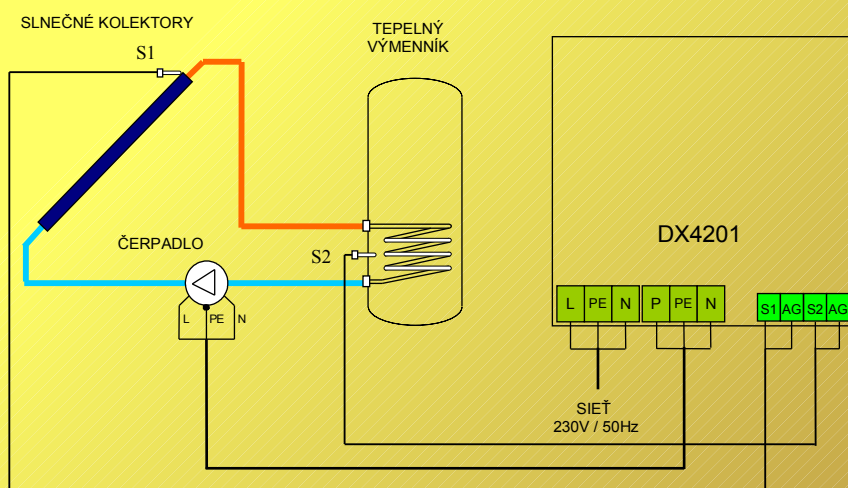
The regulator DX4201D is designed for single-circuit solar thermal systems, which provides automatic control of pump operation, heat transfer medium through which a heat energy is transferred from the collectors to the storage.

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 ( $\Delta T$ ), 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.

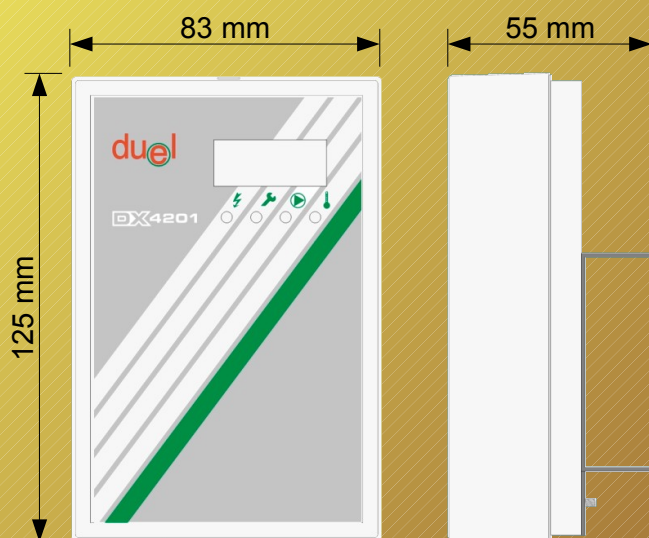
Operational conditions and equipment failure are indicated by two-line backlit LCD display and LEDs.

- 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
Measurement range:	-25°C až 170°C
Temperature sensors:	DX1083, DX1112
Adjustment range $\Delta T$ :	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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