

TERMISTAT Temperature Controllers

Temperature measurement with digital sensors (with the detection of damages); possibility of connecting up to four sensors with independent temperature readings for each; all sensors can be connected with a single cable.

Temperature adjustment takes place with the phase control of fans (with an asynchronous single-phase special motor) or electric heaters (e.g. infrared radiators). Available are models with current load capacity 3A (TERMISTAT-3) and up to 6 A (TERMISTAT-6).

Incorporated noise filters

Relay alarm outputs (TERMISTAT-x-AL models); alarm signalling at the exceeding of the temperature level threshold, power supply failure, the stopping of the adjustment course, a temperature measurement line damage etc.

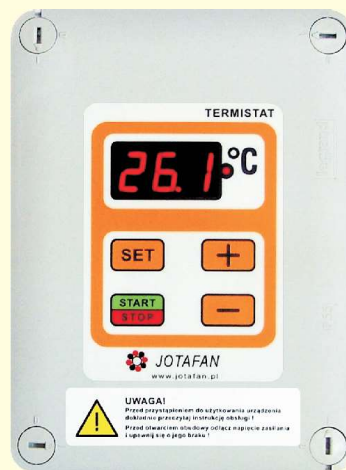
Two 0...10 V outputs (TERMISTAT-x-AL-010 models) to control the smooth adjustment extension modules and hopper window lifts in an independent way (or modules of the control of servo-motors, e.g. INLET-010).

The TERMISTAT-x-AL-485 models are equipped with a RS485 digital bus for interoperation with extension modules or PC computer.

The settings of the minimum and maximum adjustment levels with a function of elimination of a "forbidden range" (where the operation conditions of controller and SA fans operation are unfavourable).

A function of the ventilation of the interior with the protection against an excessive chilling.

We offer BITERMO regulator switch with one ON/OFF section (BITERMO-AL model has a relay alarm output)



TERMISTAT-6-2S-LCD Temperature Controller

TERMISTAT-6-2S-LCD controllers have all TERMISTAT controller's functions, and additionally:

They can interoperate with a humidity sensor and control ventilation process versus humidity function (only the TERMISTAT-6-2S-485 model).

They have two control sections: the first one of a smooth adjustment with current load capacity up to 6 A, and the other one of ON/OFF relay type. Each section can operate as ventilation (cooling) or heating one, two 0..10V signal outputs (TERMISTAT-6-2S-010-LCD model)

Large easy-legible display making taking readings easy and allowing to display verbal messages. The easiness and functional keyboard guarantee entering settings and monitoring parameters very comfortably.

Many additional functions, such as displaying temperatures from four sensors at the same time, output statuses, alarms, etc.

The possibility of controlling ventilation manually in case of a temperature measurement line failure.

Available an extension of the system by adding extension modules: increasing the load capacity of the smooth section (by 24 A), and the number of sections of ON/OFF type (by eight, TERMISTAT-6-2S-485-LCD model)

The less expensive models included in the offer have one smooth section (TERMISTAT-6-x-LCD) only.

