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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 asynchronic single-phase special motor) or electric heaters (e.g. infrared radiators). There are available 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 swith one ON/OFF section (BITERMO-AL model has a relay alarm output)

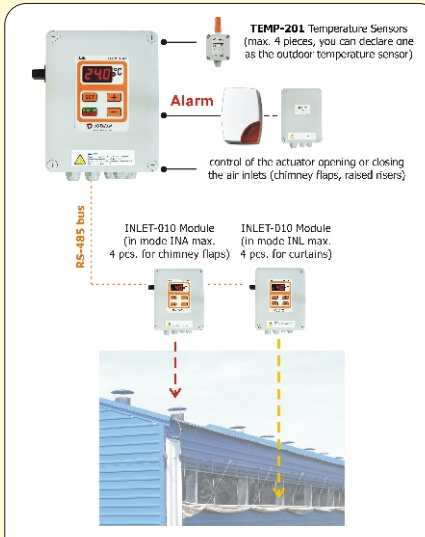
Scan the QR code and find out more

TERMISTAT-INL Temperature Controller

TERMISTAT-INL controller is an electronic device used to control temperature in the building be means of a servomotor control that opens and closes air inlets (chimney dampers, ridges). The level of inlets opening is proportional to difference of the current and target temperature. The controller also has the function of periodical ventilation that is based on periodical inlets opening in order to exchange air.

Temperature measurement with digital sensors, possibility of connecting up to four sensors with independent temperature readings for each; you can declare one as the outdoor temperature sensor.

The controller enables to control several servomotors of chimney dampers by connecting the INLET-010 module (max 4, in INA mode). In order to control side curtains additional INLET-010 modules should be used (max 4, in INL mode) to generate differential pressure that improves ventilation efficiency.



Wiring diagram TERMISTAT-INL with sensors and modules control