

# Thermal control

## Overview



### Adjustable thermostats

- NO (blue button) with normally open contact to control the starting of a fan when the temperature exceeds the displayed maximum value.
- NC (red button) with normally closed contact to control the stopping of a resistance heater when the temperature exceeds the displayed value.
- Large range of temperature control.
- Small dimensions.
- Easily accessible terminals.
- High connection power.
- 4 types of fixings (novelty).

### Double-adjustable thermostat

- Double temperature control with a resistance heater and a fan with separate operation.
- Red button: with normally closed contact (NC) for controlling the resistance heaters.
- Blue button: with normally open contact (NO) for controlling the fans.
- A double thermostat with separate adjustments and operations within the same device.
- Easily accessible terminals.
- Different installation methods.

### The new quick-fixing systems:

- On 35-mm DIN rail.

- On Spacial upright.

- On cross-rail.

- On mounting plate.

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## Overview



### Thermostat with NO/NC contact

- NO/NC inverter for controlling the resistance heaters or the fans.
- Switching by means of two NO/NC contacts.
- Easily accessible terminals.
- High connection power.
- 4 types of quick-fixing systems.
- Versions in °C and °F.



### Electronic thermostat with LCD screen

- Three thermostats for different input voltages (9-30 V, 110-127 V, 220-240 V).
- Operating temperature: 0 °C...+50 °C.
- Simple programming.
- Option of installing an external sensor, ref. **NSYCCAST** for remotely reading the temperature (operating temperature: -30 °C...+80 °C).
- Ventilation and heating function (2 separate relays).
- High switching power.
- Hysteresis: 2 K (+/-0.1 K).
- 7 different operating modes.
- Additional operating mode with 1 external sensor: Reads and compares the internal and external temperatures in order to control the ventilation, heating or the alarm.
- Temperature adjustment range: +5 °C...+50 °C.



### Electronic hygrotherms

- Electronic hygrotherms for different input voltages (9-30 V, 110-127 V, 220-240 V).
- Operating temperature: 0 °C...+ 50 °C.
- Option of installing an external sensor, ref. **NSYCCAST** for remotely reading the temperature (operating temperature: -30 °C...+80 °C).
- Simple programming.
- 3 different operating modes.
- High switching power.
- T hysteresis: 2 K (+/-0.1 K).
- RH hysteresis: 3%.
- Temperature adjustment range: +5 °C...+50 °C.
- Humidity adjustment range: 20%...80%.



### Electronic hygrometer

- Electronic hygrometer for different input voltages (110-240 V).
- Operating temperature: 0 °C...+50 °C.
- Simple programming.
- 2 different operating modes.
- High switching power.
- RH hysteresis: 3%.
- Humidity adjustment range: 20%...80% RH.