

# Thermostat

## touch buttons electronic thermostat

|               |                             |
|---------------|-----------------------------|
| Model number: | <b>TH-1T-IQ</b>             |
| Mounting:     | on-wall, 3M rectangular box |
| Dimensions:   | 122×80×23mm                 |



## Applications

- room / heating zone thermostat

## Features

- alternate setpoint
- fan options:
  - manual fan speed
  - fan speed limits
  - fan-max with time limitation
- night mode
- various sensor options:
  - internal
  - external
  - remote

## General description

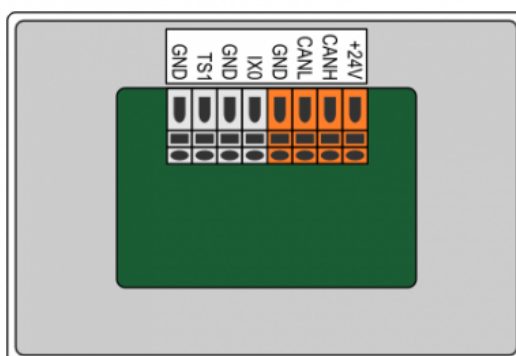
TH-1T-IQ module belongs to room/zone thermostat controllers. It can be used for any heating and/or cooling system including: fan-coils, hot water or electrical radiators, ceiling fans, floor/ceiling heating/cooling, split AC. TH series provide maximum comfort and energy saving functionality. Set-points are selectable on the unit or through other devices. Advanced functionality including smart-phone operation, internet operation, scheduling, HIQ automations, automatic weather response and more are provided when connected to HIQ Home Controller and HIQ universe.

## Technical specification

|                          |                              |
|--------------------------|------------------------------|
| Window switch input:     | internal pull-up 12V, 2mA    |
| Temperature measurement: | internal or external ES/ES-A |
| Power supply:            | 24V/15mA                     |
| Ingress protection:      | IP20                         |
| Operating temperature:   | 0..45°C                      |
| Storage temperature:     | -20..75°C                    |
| Relative humidity:       | 0..95% n/c                   |

## Terminals

|                                       |             |                          |
|---------------------------------------|-------------|--------------------------|
| IEX2 BUS                              | <b>+24V</b> | IEX2 bus                 |
|                                       | <b>CANH</b> |                          |
|                                       | <b>CANL</b> |                          |
|                                       | <b>GND</b>  |                          |
| Window magnetic switch                | <b>IX0</b>  | Digital input            |
|                                       | <b>GND</b>  |                          |
| External temperature sensor ES / ES-A | <b>TS1</b>  | Temperature sensor input |
|                                       | <b>GND</b>  |                          |



When installing: “Autoaddress” button will link **FC-1-IQ** unit with lowest serial number with thermostat with lowest serial number and so on.

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