

Thermostat

electronic thermostat



| | |
|---------------|-----------------------------|
| Model number: | TH-1M-IQ |
| 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

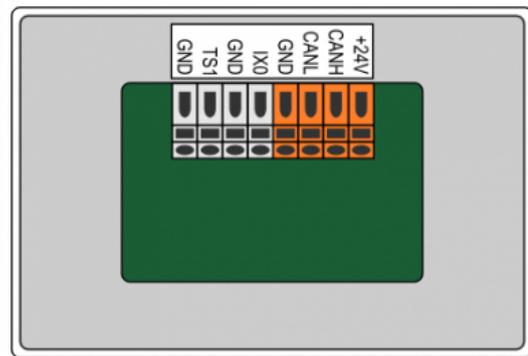
TH-1-IQ module belongs to room/zone thermostat controllers. It can be used for any heating and/or cooling system including: fan-coils, hot water or electrical radiators, ceiling fans, floor/ceiling heating/cooling, split AC. TH series provide maximum comfort and energy saving functionality. Set-points 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 | +24V | IEX2 bus |
| | CANH | |
| | CANL | |
| | GND | |
| Window magnetic switch | IX0 | Digital input |
| | GND | |
| External temperature sensor ES / ES-A | TS1 | Temperature sensor input |
| | GND | |



When installing: "Autoaddress" button will link [FC-1-IQ](#) unit with lowest serial number with thermostat with lowest serial number and so on.

From:
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Last update: **2019/07/24 06:39**

