

Thermostat and scene controller

thermostat with display and configurable buttons



| | |
|---------------|----------------------------|
| Model number: | TH-3-IQ |
| Mounting: | on-wall, 60mm junction box |
| Dimensions: | 136×96×36mm |

Applications

- room / heating zone thermostat
- scene controller

Features

- alternate setpoint
- fan options:
 - manual fan speed
 - fan speed limits
 - fan-max with time limitation
- night mode
- various sensor options:
 - internal
 - external
 - remote
- massive aluminum body
- glass cover plate
- IR receiver
- configurable buttons
- white-blue alphanumeric display
- mechanical buttons with click
- built in relative humidity sensor

General description

TH-3-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.

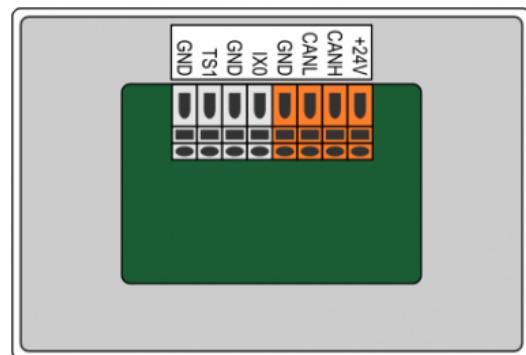
In addition TH-3-IQ provides complete configurable scene controller functionality.

Technical specification

| | |
|--------------------------|------------------------------|
| Window switch input: | internal pull-up 12V, 2mA |
| Temperature measurement: | internal or external ES/ES-A |
| Power supply: | 24V/25mA |
| 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:

<http://wiki.hiq-home.com/> -



Permanent link:

http://wiki.hiq-home.com/doku.php?id=en:hiq_hw:th-3-iq&rev=1563950431

Last update: **2019/07/24 06:40**