HEATIT PRO BLACK MATT

Thermostat 3600W 16A

Art.no	5430583
GTIN	7071236019053

Heatit Pro is an electronic thermostat designed for electrical heating, water based heating control and cooling systems. The thermostat has a user-friendly interface that can be controlled via the buttons on the front of the thermostat, it complies with the Eco-Design directive and has an easy-to-read LCD display.

Heatit Pro has 2 modes: Heat and Cool.

The thermostat fits in standard European junction boxes and may be used with most System 55 frames. It has a sturdy metal frame for secure fastening on the junction box. The thermostat has one built-in room temperature sensor. Two additional external temperature sensors may also be connected.

Heatit Pro has the option of a weekly schedule and open window detection.

The product has implemented ZeroX™ technology. This technology makes sure the relay switches at 0V when turning on and off. With this technology the thermostat will have a much longer lifetime.

Heatit Pro has active power metering, which allows the user to see the real time power consumption.

Electrical Load Compatibility
The thermostat is designed specifically for resistive loads.
When controlling large resistive, capacitive, or inductive loads, it is essential to use an appropriate contactor to protect the thermostat from excessive load to ensure safe operation.

The thermostat can withstand a resistive load of up to 16A/3600W at 230VAC. For loads above 13A, we recommend using a contactor.

PRODUCT FEATURES

- Internal room sensor
- Floor sensor
- Temperature limiter
- 2 modes; Heat and Cool
- Hysteresis 0.5C - 10C
- Temperature calibration
- ZeroX™ Detection
- Open window detection
- Relay status icon
- External room sensor (wired by cable)
- Backup battery for internal clock
- Adjustable display brightness
- Single poled switch
- Lock mode/child lock
- Anti-freeze
- Works with NO and NC actuators
- Weekly schedule
- Adaptive function
- Internal clock
- Active power metering

PRODUCT DATA

Ambient temperature range in use	5 to 40°C
Ambient temperature range in storage	-30 to 70°C
Min/max installation temperature	5 to 40°C
Min. and max ambient humidity (RH%)	10 to 85%
Material	Polycarbonate (PC)
Colour	Black
Mounting	European Junction Box System 55

THERMOSTAT DATA

Regulation temperature	5 to 40°C
Compatible NTC-sensors (kΩ @ 25°C)	6.8, 10, 12, 15, 22, 33, 47, 100
Temperature sensitivity	±0,5
Error margin temperature	0,5
Hysteresis	0,5 to 10 (default hysteresis 0,5)
Ohm value at 25°C	10kΩ
Max length of NTC sensor	15m

ADDITIONAL INFO

IP Code	IP21
Certification	Reach, RoHS
EN Standards	CE
Warranty international	2 years
Customs number	90321000
Country of origin	CN

IOT / SMART HOME SPECIFIC DATA

Alternate IoT-communication protocols	No alternative communication protocols
Push buttons	3
Temperature measurement range	5 to 40°C

ELECTRO TECHNICAL DATA

Voltage	230VAC 50Hz
Voltage Output	230VAC 50Hz
Grounding	No
Switch type	One-pole switch
Max load (resistive load)	3600W
Max load (resistive load)	16A
Connection terminals diameter	0.2 to 2.5mm^2
Max tightening torque connections	2N·m
Connection type	Screw clamps

PRODUCT DIMENSIONS

Product height/diameter	52mm	Product Width	84mm
Product length	84mm	Product net weight	160g

MAINTENANCE

The device is maintenance-free. Indoor use only.

ADDITIONAL INFORMATION

Approved for use in bathrooms.

ZeroX™ Detection is pronounced Zero Cross Detection.

Heatit Controls AB declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

RETURN AND RECYCLING

The product must be recycled as electronic waste.

DISCLAIMER

The thermostat can withstand a resistive load of up to 16A/3600W at 230VAC. For loads above 13A, we recommend using a contactor.

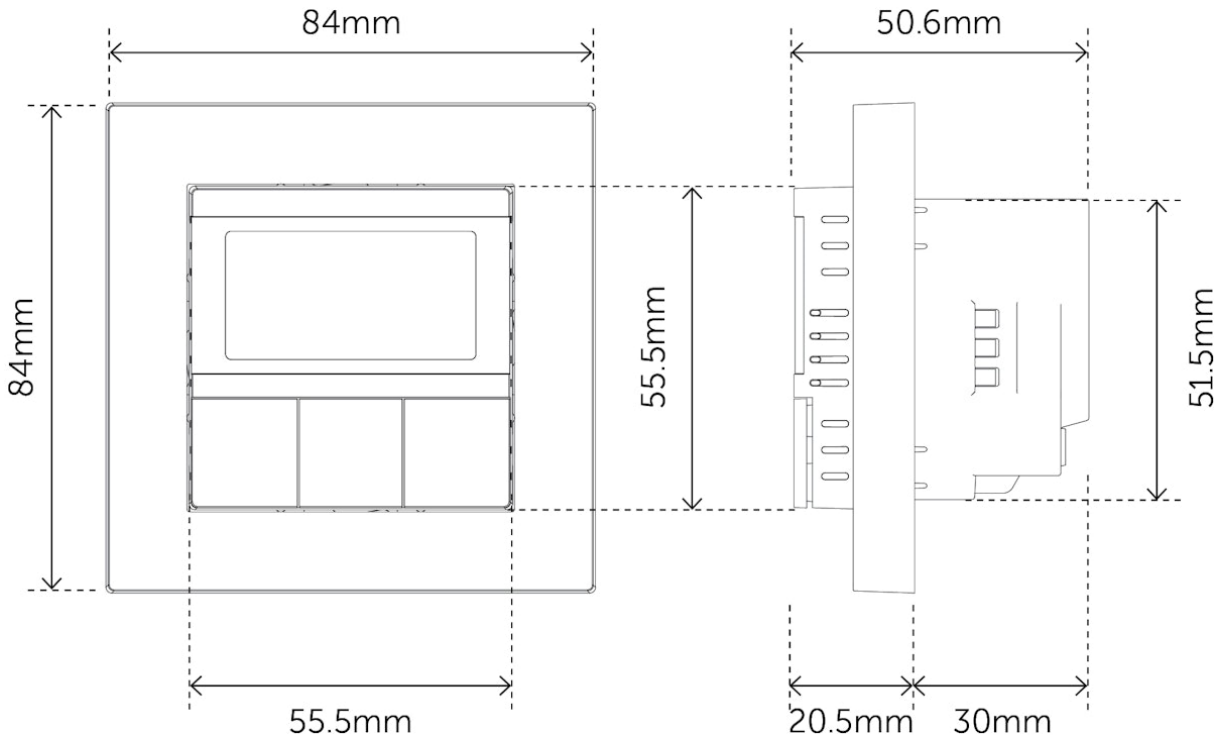
Never change the front from one thermostat to another.

General info;
Worth noting regarding correct installation of thermostats.
When two or more thermostats are mounted too close to each other, the heat they emit, can interfere with the temperature sensors and the temperature in the junction box becomes too high. This can cause inaccurate temperature readings, especially under high load, leading to incorrect heating control. To avoid such issues, thermostats should be installed as far apart as possible and always in separate junction boxes. This ensures more accurate temperature readings.

In multi-frames with multiple units, the thermostat should always be mounted at the bottom, and no more than one thermostat should ever be installed in a multi-frame.

We develop and design our products according in accordance with our strict quality requirements (ISO 9001) and environmental requirements (ISO 14001).
All electrical installations must be carried out by an authorized electrical installer. The product must be installed in accordance with our installers manual and national building codes. Any wrongful installation, misuse, damage of the product, is not covered under warranty.

Updated documentation is available at www.heatit.com or documents.heatit.com
Heatit Controls AS can not be held liable for any type of errors or omittances in our product information.
Product specifications may change without further notice.


84mm
50.6mm
84mm
55.5mm
51.5mm
55.5mm
20.5mm
30mm