

HSUFEDC Specification Sheet



Product Description

Smart programmable thermostat for electric underfloor heating. Packed with energy saving features to help reduce running costs.

Easily program a customised heating schedule for every day of the week to create an efficient, automatic schedule for your electric underfloor heating system with minimum running costs.

Key Features

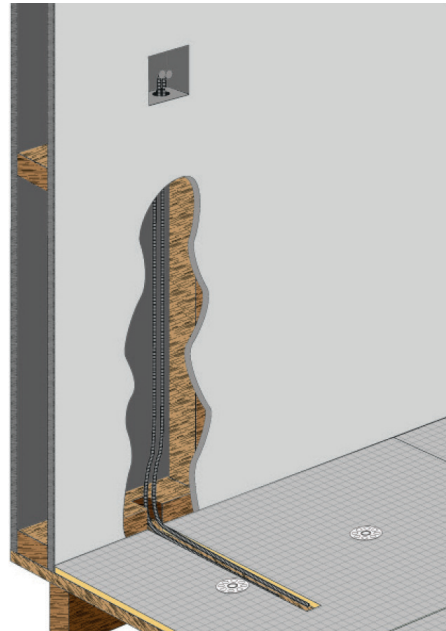
- Designed to control your electric underfloor heating system easily and automatically
- Smart adaptive start learns how long your floor takes to heat up and uses as little energy as possible
- Open window sensor monitors the room temperature and switches off automatically if a door or window is opened
- Flexible schedule options allow you to program 7 days separately, all 7 days the same or separate weekends
- Built in ambient temperature sensor and external floor sensor for accurate temperature management

Box contents

- 1 x Programmable Controller
- 1 x Installation guide
- 1 x 3m floor temperature sensor probe
- 1 x 2m sensor conduit
- 2 x Fixing screws

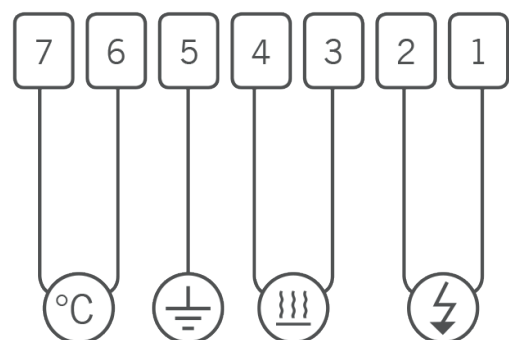
Installation

Floor temperature sensor should be installed in a conduit, within a clear area of the floor; and away from any other temperature influences.



Wiring diagram

1. Live - 230V supply
2. Neutral - 230V supply
3. Neutral - Underfloor heating
4. Live - Underfloor heating
5. Earth
6. Floor sensor (not polarity sensitive)
7. Floor sensor (not polarity sensitive)

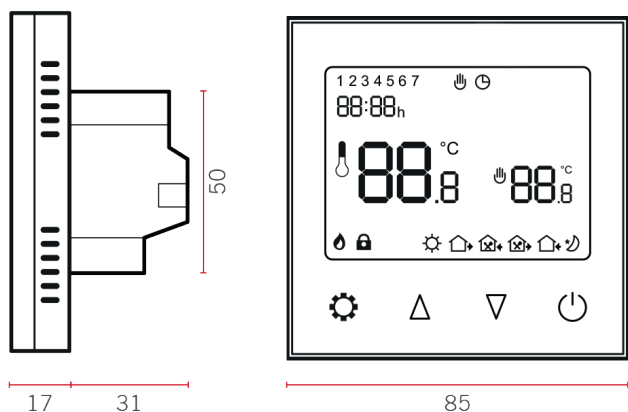


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Dimensions



Technical Details

Supply voltage	230V 50/60Hz
Maximum load	16A (3600W)
Backup storage	EEPROM (approx. 1 year backup)
Temperature range	5 ~ 80°C (0.5°C increments)
Sensor rating	NTC 10kΩ @ 25°C
Consumption	2W
Warranty	3 years
IP rating	IP30
Size	W85 × H85 × D48mm (31mm in wall)
Heating schedule options	7 days same, 7 days separate, 6 + 1, 5 + 2, Off
Adaptive start	On / Off (Starts at 60 minute preheat)
Open window detection	On / Off (Detection time adjustable from 2 - 30 mins)
Open window - Temperature drop limit	2, 3 or 4 °C
Open window - Heating on again after	10 - 60 minutes



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