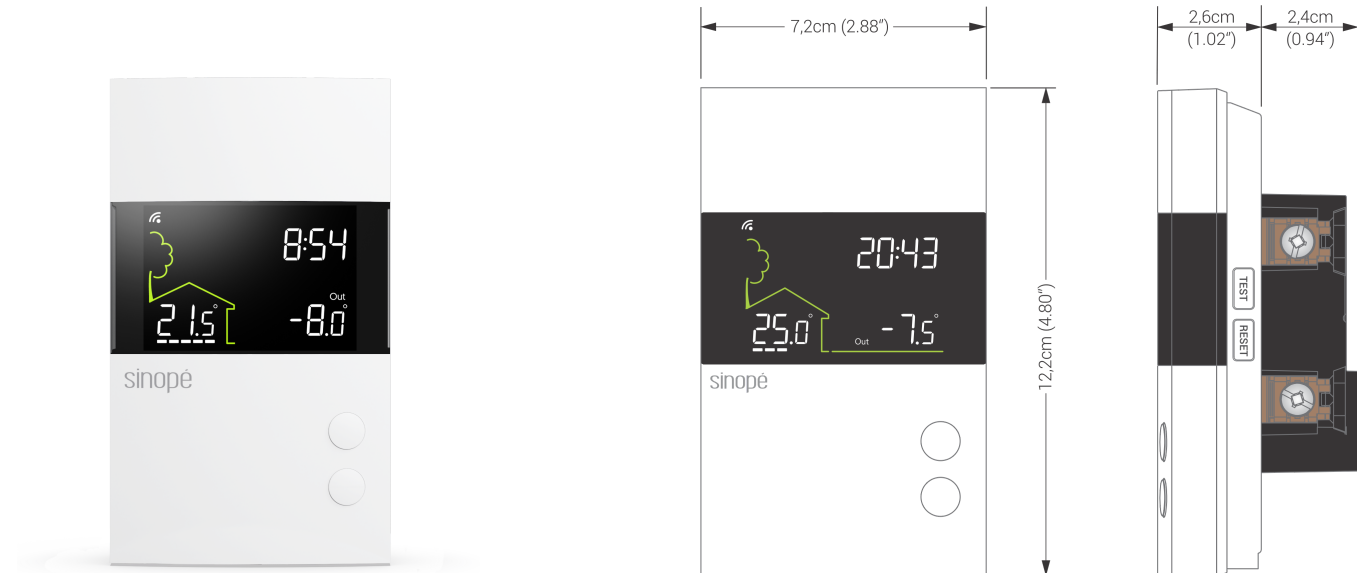


Smart thermostat for electric floor heating

Zigbee 3.0

TH1300ZB

TB713-C Base: Complies with ANSI/UL Std. 943
Certified under CAN/CSA Std. C22.2 No. 144.1

Technical specifications

Type

- Smart thermostat for bipolar 4-wire electric floor heating
- Ground fault circuit interrupter (GFCI Class A)

Transmitter module

- IC: 22394-ZBIM501
- FCC ID: 2AK2T-ZBIM501

Power supply

- 120/208/240 Vac, 50/60 Hz

Load

- 15A @ 120/208/240 V

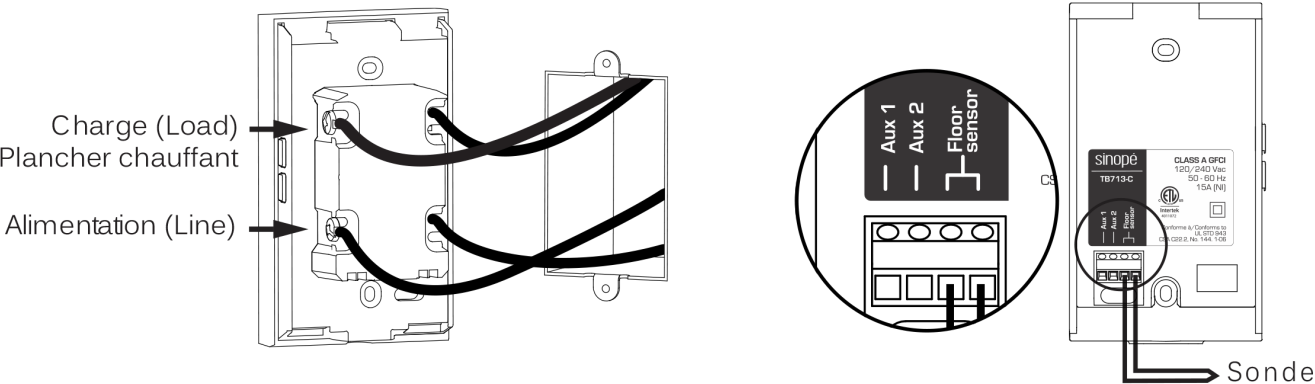
Control

- 15-minute cycle
- Resolution and accuracy: $\pm 0.5^{\circ}\text{C}$ (1°F)
- Output for controlling an auxiliary heating system (relay and low-voltage transformer) or an expansion module for floor heating (TRI310)

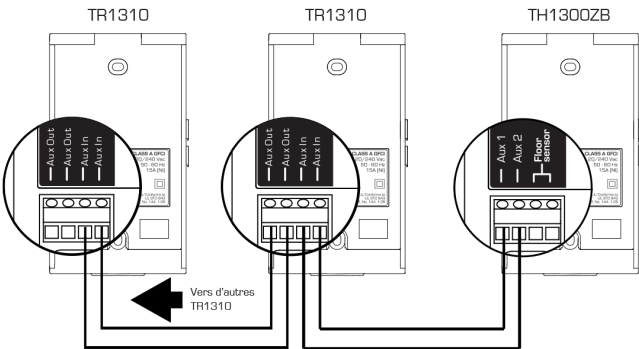
Control mode	• Mode A: Room temperature control with the option of limiting the floor temperature using an external temperature sensor. • Mode F: Floor temperature control using an external temperature sensor with the option of limiting the room temperature.
Temperature ranges	• Setpoint range: 5 °C to 36 °C (41 °F to 97 °F) • Display range: 0 °C to 50 °C (32 °F to 99 °F)
Display	• Digital display screen with black backlighting • Display of selected mode • Display of heating level sent • Display of outside temperature* • Display format for temperature (°C or °F) and time (24-hour or 12-hour). • GFCI indicator
Installation	• 4-wire thermostat with floor sensor included (or compatible with any 10 or 12 kOhm sensor) and room sensor.
Compatible heating devices	• Heating cables • Heating cables mat
Features	• Reading of the connected load • Lockable buttons • Customization of minimum and maximum temperatures available for thermostat control • Automated programming via the Sinopé app • Protection for engineered wood flooring
Warranty	• 3 years

* These features are available in the Sinopé app and Sinopé Smart System and require the use of the GTI30 gateway (not included).

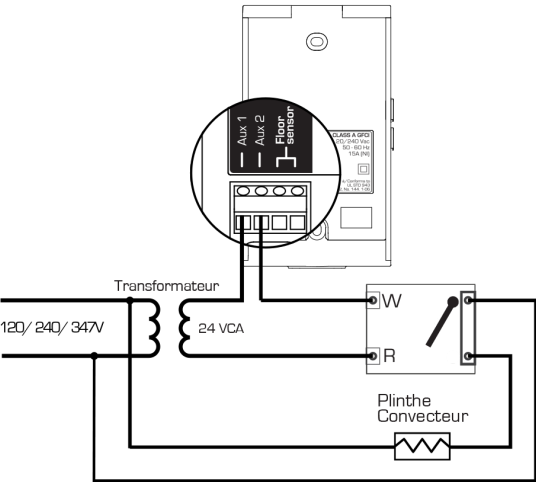
Installation diagrams



Connecting an expansion module



Auxiliary output connection



Model

No. product	Description	Volts	Watts	Qty
TH1300ZB	Smart thermostat for electric floor heating - Zigbee	120/208/240	1800/3120/3600	
AC1310-01	Floor sensor	-	-	
GT130	Smart gateway enabling remote access to Zigbee devices	-	-	

Specifications are subject to change without notice

The signature certifies that the installation complies with the above installation diagrams.			
	Designation	Profession	Signature
Project's name:			
Address:			
Promotor:			
Builder:			
Consulting engineer:			
Contractor #1:			
Contractor #2:			
Contractor #3:			
Date:			