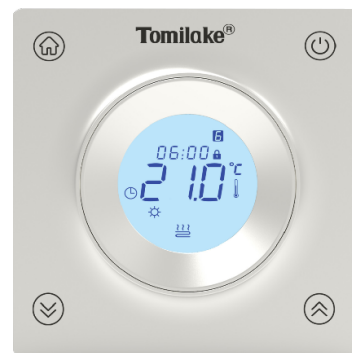


CYCLE PROGRAMMING LCD TEMPERATURE CONTROLLER

- ✓ Friendly interactive experience, easy temperature setting
- ✓ Automatic / manual / temporary mode is optional to meet different needs
- ✓ Can be individually tailored to personal routines-up to 6 heating events can be set separately.
- ✓ It is suitable for electric heating equipment or electric valve control of water heating system



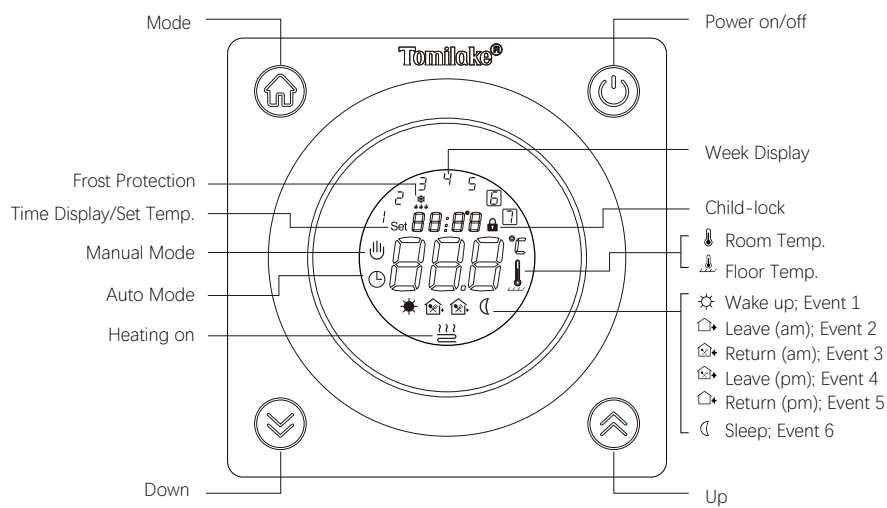
PARAMETER

Supply voltage	AC100~240V;50~60Hz
Power consumption	1W Max
Temp. setting range	5~95°C (Factory setting 50°C)
On/off deviation	0.5~10°C (Factory setting $\pm 1^\circ\text{C}$)
Ambient temperature	-5~50°C
Protection level	IP20
Shell material	Anti-Flammable PC











PRODUCT OVERVIEW

Model	Current	Application
723	3A	A NC/NO dual-output + Weekly programming+Potential-free output

PARAMETER



USER OPERATION

Power on/off :	Press "  " shortly to turn on/off the thermostat.
Auto-mode Setting:	Press "  " for 3 seconds to edit auto-mode setting.
Time setting:	Press "  "+"  " for 3 seconds to set time.
Temp. setting:	Press "  " or "  " shortly to change setting temperature by 0.5°C.
Child-lock:	Press "  " + "  " for 3 seconds to activate child-lock.
Temp control mode:	Press "  " shortly to switch manual/auto mode.
Advanced Setting:	Under power-off, press "  " for 3 seconds to enter advanced setting mode

REMOTE COMMUNICATION (OPTIONAL)

Remote communication: control equipment according to 485 protocol



AUTO MODE

Weekly-circled programme, up to 6 heating events can be set per day.

Heating events, workdays and temperature can be separately customized based on personal routines.



MANUAL MODE

Thermostat works based on manually-set temperature, disconnecting from auto mode.























TEMPORARY MODE

Thermostat works based on manually-set temperature temporarily and then shifts back to auto mode till next event.

AUTO-MODE SETTING (FLOOR HEATING/INTEGRATED)

Press "  " for 3 seconds to edit auto-mode setting.

Events	Symbols	Time		Temperature	
		Default value	Modify	Default value	Modify
Workdays	1 	06:00	Press "  " or "  "	20°C	Press "  " or "  "
	2 	08:00		15°C	
	3 	11:30		15°C	
	4 	12:30		15°C	
	5 	17:00		22°C	
	6 	22:00		15°C	
Weekends	1 	06:00	Press "  " or "  "	20°C	Press "  " or "  "
	2 	08:00		15°C	
	3 	11:30		15°C	
	4 	12:30		15°C	
	5 	17:00		22°C	
	6 	22:00		15°C	

ADVANCED SETTING (USUALLY FOR PROFESSIONAL TECHNICIANS)

Under power-off, press "⏮" for 3 seconds to enter advanced setting mode, then re-press "⏮" to switch to next mode. Press "⏭" to save and exit advanced setting mode.

(485 remote communication is optional)

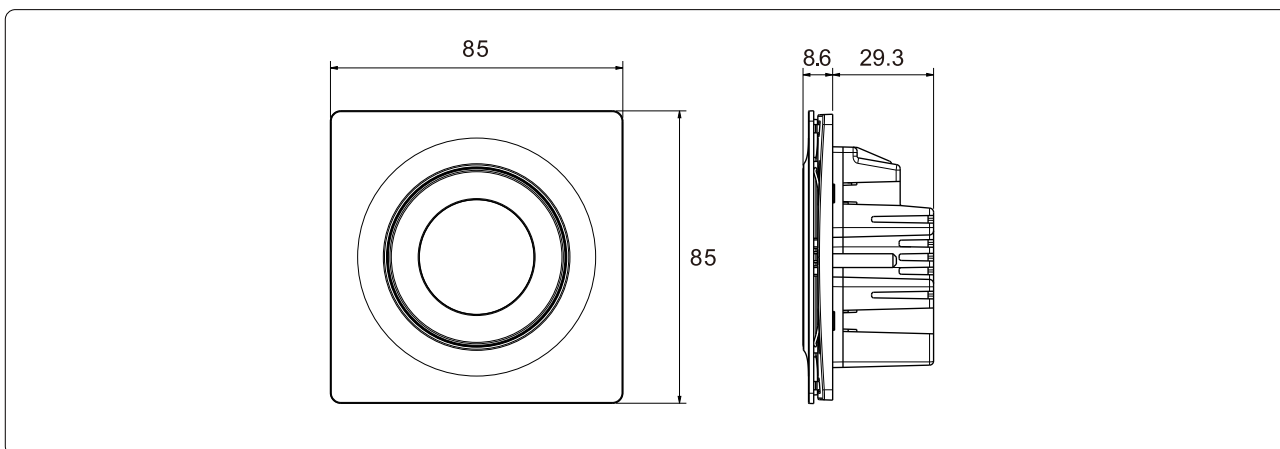
Display code	Meaning	"⏮" or "⏭"	Default
0	0ADR	Postal address	Adjustment range 0x00~0xFA
1	1ADJ	Temp. calibration	Measure temperature, check and correct
2	2DIF	Dead zone	0.5~10°C
3	3LTP	Frost protection	ON: frost protection on OFF: frost protection of
4	4PRG	Weekly programming setting	12345: 5/2 week mode 123456: 6/1 week mode 1234567: 7/0 week mode
5	5RLE	Status of potential-free and main power outputs	00: both outputs are normally open 01: main power output is normally closed; potential-free output is normally open 02: both outputs are normally closed 03: both outputs are normally closed; under power-off, frost protection is off either
6	6DLY	Delay time of outputs	0~5min
7	7HIT	Temp. upper limit	5~95°C
8	AFAC	Reset	Press "⏮" for 3 seconds to reset

SENSOR FAILURE

Please select work mode of sensors correctly. When it shows ER0 error, thermostat will stay power-off till the error is eliminated.

ER0: built-in sensor is short-circuited or disconnected.

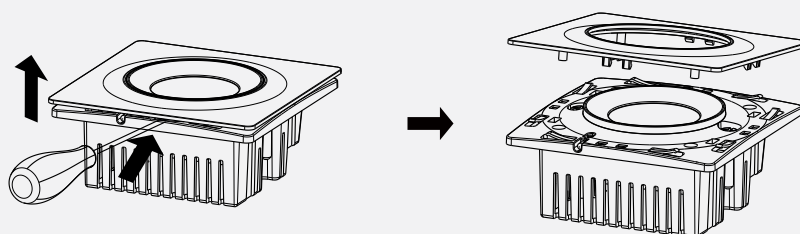
DIMENSIONS (UNIT: MM)



MOUNTING STEPS

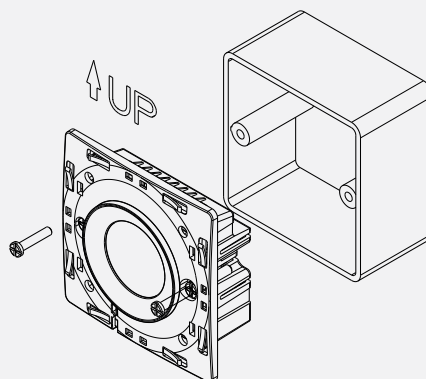
The thermostat adopt pre-guide and limited snap-fit design. It is easy to mount.

- 1) Release front cover by inserting a head screw-driver into bottom crack.

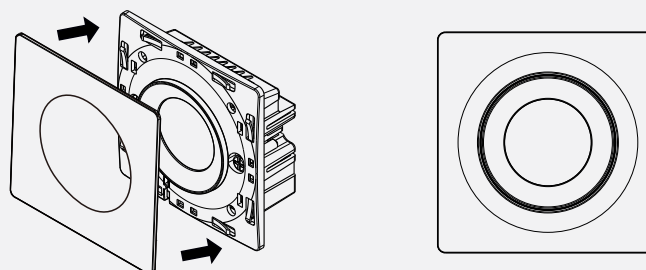


- 2) Insert the wires and then fix these wires with screws. Suggested wire-stripping length is 7-9mm.

- 3) Mount backing plate into wall-cassette, put screws and then fix thermostat. Make sure that the thermostat is fixed without deformation. Suggested torque is 0.2~0.4N.m (2.0~4. 1kgf.cm).



- 4) Re-mount the front cover via snap-fit connection.



ATTENTION

- 1) Installation must be done by a qualified electrician.
 - 2) Before installation, please check whether it conforms to local electric standards.
 - 3) Please match 86mm standard wall-cassette to ensure that the thermostat can be installed and operated properly.
 - 4) During installation, please make sure front cover is well preserved to avoid crushing.
 - 5) Power supply must have been turned off when cleaning the thermostat.
- Please wipe dust and dirt with a soft rag or paper towel.
- Do not use any cleaners or corrosive chemical solvents.

CONNECTING DIAGRAM

The thermostat operates in full capacity in areas with the altitude of less than 2500 above sea level. Power rating of external load should be less than or equal to 80% rated power of the thermostat in areas with altitude of 2500m to 4200m.

#723

