

Installation standard-digital flush-mounted thermostat

For installation of our standard-digital flush-mounted thermostat please see the following link for our video:
<https://www.youtube.com/watch?v=N6Tsvf-c7q0>

We recommend you operate T-STRIPE with a thermostat. The sensor of the thermostat is attached to the window pane, it measures the temperature directly on the glass and switches the window heating system on at the exact moment when condensation would develop. (Image 3) As a result, you can operate **T-STRIPE in a particularly energy-saving way**.

Image 1 shows how to connect the wires to the thermostat.

- 1,2... T-STRIPE window heating system
- 3,4... 230V or 110V power cable for the mains connection
- 5,6... Temperature sensor

The **grounding** is not guided via the thermostat. Please use the enclosed clamp.

You can connect a number of windows to the thermostat with T-STRIPE (in total up to 100m of the heating element). You must run a power cable to the thermostat from each window. The easiest way to do this is to use one thermostat per room.

If you use the flush-mounted thermostat, you can use the surface mounting (article no. TT2401). Therefore surface-mounted installation of the thermostat is possible on any wall.

Install the temperature sensor at a distance of approx. 2cm from the heating element with the aluminium bar in the left or right **lower** corner of the window. (Image 3)

For your information: T-STRIPE's energy consumption is very low and its output is approx. 10 +/-2 watt per meter per hour.

Please note that the connected heating cables must be secured with a residual current device (RCDs) with a rated frequency $\leq 30\text{mA}$ (this corresponds to the usual RCD in a private household). According to the ÖVE (Austrian Electrotechnical Association) the electric connection must be carried out by a licensed electrician.

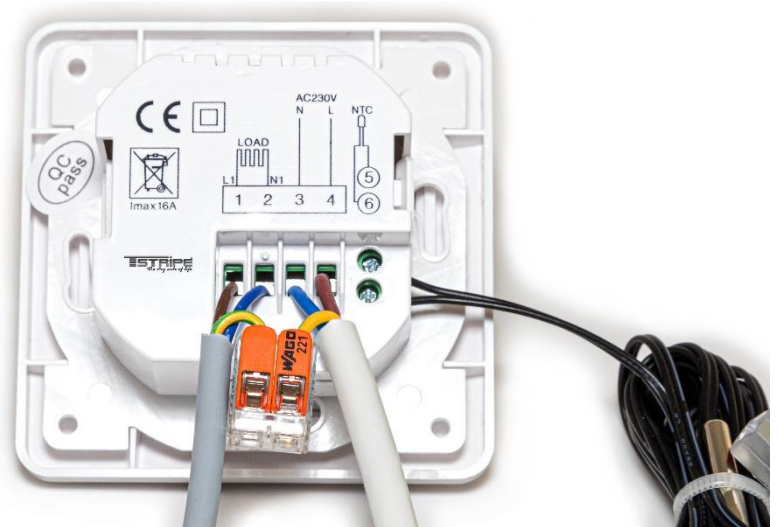


Image 1

Settings:

At the start, set the thermostat in manual mode (push the M button until the hand symbol ☞ appears on the display) to 20°C by means of the +/- buttons. If there is condensation, you must increase the temperature.

Child protection:

There are two options to make the thermostat child-proof: To activate the child protection of the thermostat, you must push the + and - buttons for 5 seconds at the same time. A key symbol will appear at the top right hand. Now all buttons of the thermostat except for the ON/OFF button are deactivated. To deactivate all buttons including the ON/OFF button, you must use the extended settings. The thermostat must be switched off. Now push the M and - buttons for 5 seconds. Keep pushing the M button until the display reaches 06. Depending on the thermostat's safety mode, the number 0 or 1 will appear at the bottom right hand. Adjust the thermostat by means of the + or - button in such a way that 1 will appear. You can now switch the thermostat off and the settings will be adopted automatically when you switch it on again. You can now operate the thermostat's child protection as described above. The ON/OFF button is also locked by means of the child protection.



Image 2

Time:

Press the - button for 3 seconds. Now the minutes on the clock will flash and you can adjust them by means of the + and - buttons. Press the M button to select the hours. By pressing the M button again, the selection changes to the hours and then to the days (Monday = 1, Sunday = 7). Press the M button to confirm and exit the settings.


Adjusting the measured temperature when extending the sensor cable:

If the sensor cable is extended the measured values may deviate and T-STRIPE may be regulated incorrectly. To avoid this, measure the current room temperature by means of the supplied sensor without extending the cable. Remember the displayed temperature and extend the sensor cable. Then switch the thermostat on again. To be able to adjust the temperature, you must remember the currently displayed temperature. Now the thermostat must be switched off and placed in the extended settings. To do this, push the M and - buttons for 5 seconds. The number 01 will appear on the display and the number "0" will appear at the bottom right hand. To be able to adjust the temperature, deduct the difference from the first measured value and from the second measured value or add it. To activate the settings, turn the thermostat off. The settings will be adopted automatically when you switch it on again. This correction can be made in the range of +/- 9°C.



Image 3


Buttons:


 - ON/OFF button

M - Mode button. Serves to select the manual mode that is relevant for T-STRIPE.

+ - - To set various values.

Symbols:

 - The hand symbol indicates that the thermostat is in manual mode.

 - Indicates whether the thermostat is activated. To activate the safety device, you must push the + and - buttons for 5 seconds at the same time. Do the same again to unlock the thermostat again.

 - Is displayed when T-STRIPE is active and heating.

Technical data:

Power consumption	<1.5W	Temperature-calibration	+/- 9°C
Operating voltage	110 – 240V (50/60Hz)	Ext. temperature sensor cable	2.5m
Contact capacity	16A 230V	Measurements (HxWxD)	80 x 80 x 44mm
Temperature adjustment range	5 – 60°C	Installation depth / diameter	26mm / 60.5mm
Switching accuracy	+/- 1°C	Hole diameter	60mm

Enjoy your condensation-free windows!

For all installation instructions see www.t-stripe.com menu point "Service" under "Downloads".



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