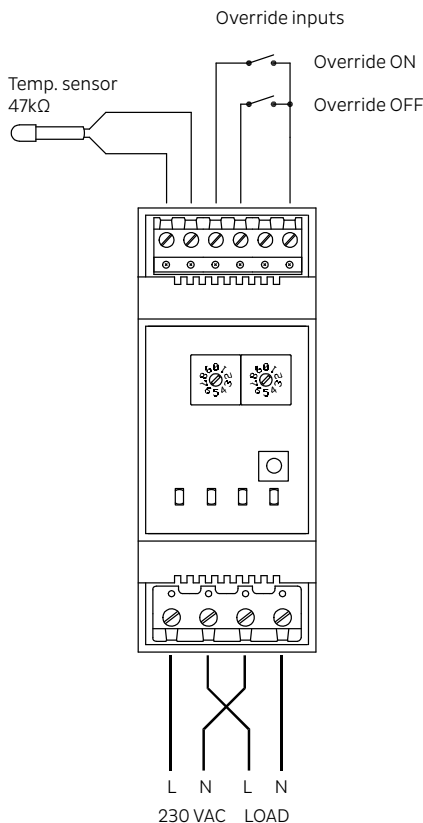


**Tips for installer**

- If several thermostats are fully loaded, they should not be close to each other in the distribution cabinet. There should be space between them.
- If there is a long distance from the thermostat to the sensor, shielded extension cable is recommended.

**Protection**

The product has built-in electronic temperature protection. The thermostat switches itself off if the electronics become hotter than 75°C and switches itself on again at 65°C.



**Technical data**

<b>Voltage:</b> 230 VAC (+/- 10%)	<b>Load:</b> 16 A
<b>Dimensions:</b> DIN 2 modules	<b>Relay:</b> 2-pole
<b>Inputs:</b> Temperature sensor 47kΩ Override	<b>Protection:</b> Excess temp. 75°C

CTM Lyng AS is Norway's leading manufacturer and supplier of security products for the home, assistive technology, energy efficiency, and light and heating control for all building types under the mKomfy®, mTouch®, Microsafe® and Centrol® brands. We distribute our products through electrical wholesalers. We offer everything from product development to production and distribution. Our production facility in Vanvikan is equipped with some of the most advanced machinery in Europe.

**Verkstedvegen 19, 7125 Vanvikan, Norway**

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www.ctmlyng.com**

**Thank you for choosing a product from CTM Lyng AS**

**Installation and user instructions**

**MICROSAFE®**

**T2ICE**



Part No. 5450360

**SAVE THESE INSTRUCTIONS**

Thank you for choosing one of the market's most reliable products for controlling temperature and for helping the environment through energy savings.

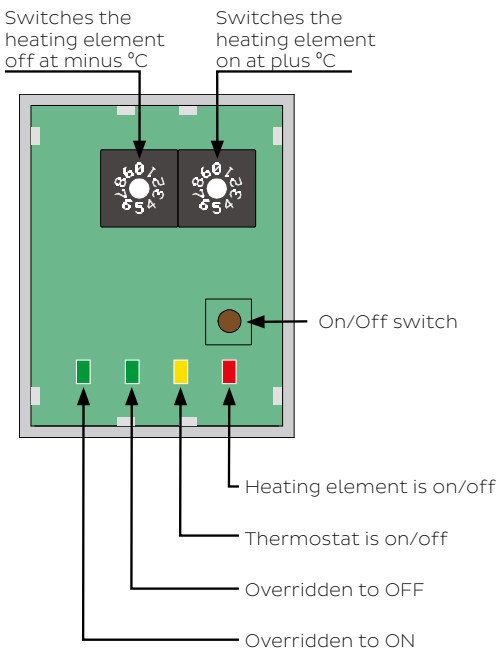
T2ICE is a panel thermostat for controlling heating elements for melting snow/ice.

The thermostat is supplied with a DIN rail attachment.

Rotary switches (wheels) are used to set the temperature to start heating or to switch off heating.

OVERVIEW

- The temperature is set on two rotary switches.
- The On/Off switch switches the thermostat on or off.
- 4 LEDs indicate the status.



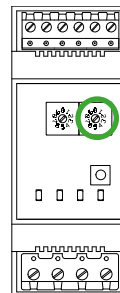
Use a small flat screwdriver that fits in the groove in the rotary switches to adjust the temperature.

Start heating at a specific temperature

Adjust the right wheel to the temperature at which you want the heating element to be switched on.

- 1-9 1 - 9°C (degrees above zero)
- 0 Not in use

For example, if you set the wheel to 3, the heating element will be switched on when it is 3°C or below.



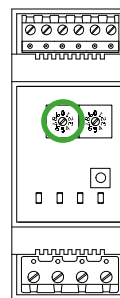
Stop heating at a specific temperature

Adjust the left wheel to the temperature at which you want the heating element to be switched off.

NB: The figures are degrees below zero.

- 1-9 1 - 9°C (degrees below zero)
- 0 Function deactivated\*

For example, if you set the wheel to 3, the heating element will be switched off when it is -3°C or below.



\* Function deactivated  
 NB: The heating element will remain on for as long as the temperature is the same or lower than the temperature set on the right wheel.

Example of temperature range

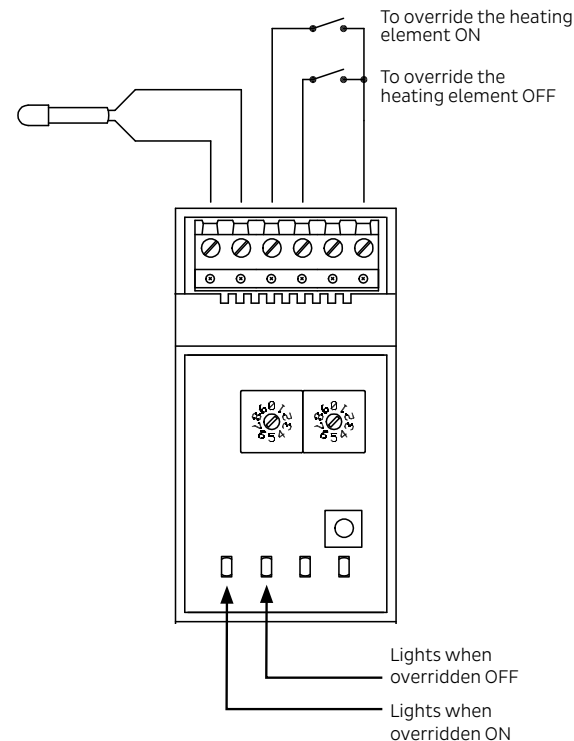
For example, if you want the heating element to be on only when it is between +2°C and -5°C, set the right wheel to 2 and the left wheel to 5.

Override

The override inputs are connected to a relay contact with a holding signal from a timer, central control system, etc.

The signal switches the heating element on/off regardless of the thermostat's temperature settings on the wheels.

Override is indicated by two green LEDs.



If neither of the green LEDs lights up, this means that the system is following the thermostat's temperature settings.