



TM1-IT/D is intended for melting ice in roof gutters or other weather exposed constructions.

- * Supply voltage 230 V AC
- * Output 230 V AC, 16 A
- * Protection against icicle build-up
- * Settable switch-off delay
- * DIN-rail mounting
- * For outdoor sensor, TG-R600

Function

TM1-IT/D is an electronic single stage ice-thermostat with adjustable switching points and deactivation delay, intended for DIN-rail mounting.

The thermostat is intended for melting ice in roof gutters, outdoor stairs etc. using electric heating cables. This to eliminate the risk of icicle build-up.

Sensor

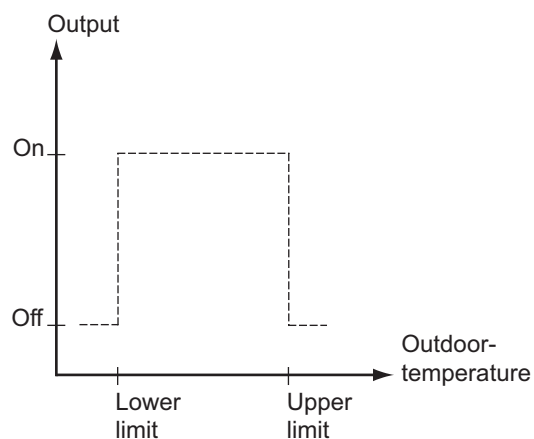
The thermostat is to be connected to an outdoor sensor type TG-R600.

Switch-off delay

The thermostat has a switch-off delay function settable between 10 sec...10 min.

Function

The output is activated when outdoor temperature is between set limit values. See figure below. For more information about settings, see overleaf.



Technical data

Supply voltage 230 V AC

Output

Relay output 230 V AC, 16 A, closing relay

Input

Sensor input One, intended for sensor TG-R600

Settings

Upper limit 0...+20°C, Upper switching temperature

Lower limit -20...0°C, Lower switching temperature

Off delay 10 sec...10 min, Deactivation delay time

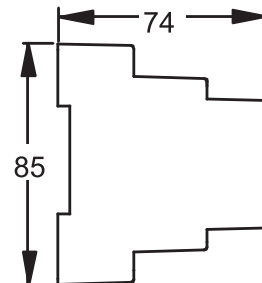
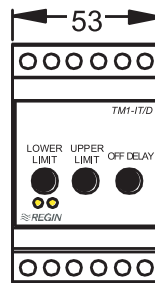
Protection class IP30



This product conforms with the requirements of European EMC standards CENELEC EN 61000-6-1, EN 61000-6-3 and European LVD standards IEC 60 730-2-9 and carries the CE-mark.

Wiring and dimensions

1	230 V AC	Supply voltage
2	230 V AC	
3	Not connected	
4	Not connected	
5	Relay 16A, 230V AC	
6		
7	Temperature sensor	
8	Signal neutral	
9	Not connected	
10	Not connected	
11	Not connected	
12	Not connected	



(mm)