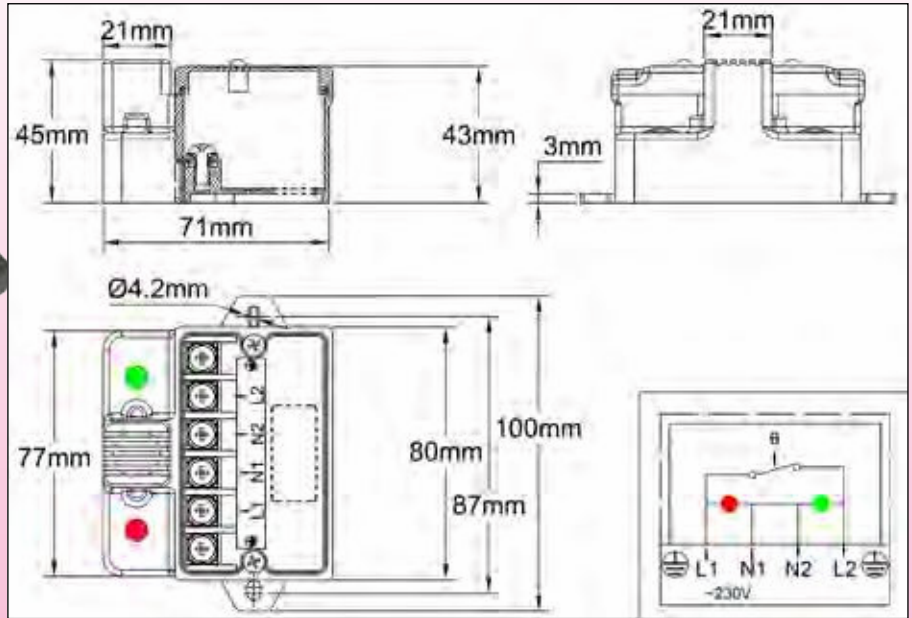


Thermostats with IP65 plastic housings, Type Y2

Fixed setting ambience or antifreeze thermostat, IP65, backside output, two pilot lights, Type Y23



In these boxes, the thermostat is over-molded, and is thermally insulated from the wall on which it is mounted. Its temperature sensing cup is mechanically protected by a grid. It is located in front of the enclosure to be in an area of natural circulation of air. To allow its wall mounting, the box has two outer side lugs, which can be removed when assembly is made with internal screws.

Mounting: Wall, by external side brackets. These tabs can be folded inwards. There also is the opportunity to practice two mounting holes inside for wall mounting (Note: in this case the ingress protection class IP65 on the rear wall is lost)

Protection: IP65 (IK 03 On thermostat guard, IK10 the rest of the housing)

Due to the opening on the rear face of the housing for the cable outlets, it is necessary to apply, between this face and the wall mounting, an RTV elastomeric seal to comply with the ingress protection class IP65

Material: ABS-PC black glass-fiber reinforced

Screws: Stainless steel, captive

Output: Opening on backside for through wall wiring

Electrical rating: Single pole, 8 to 16A 250V (100000 cycles). Contact style can be open on rise or close on rise.

Pilot lights: Allow to visualize the power supply and thermostat contact position (Phase and Neutral power supply is mandatory for pilot lights)

Identification: The cover can be fitted with a 20x40mm riveted stainless steel identification plate (standard) or with a sticker (Option)

Customization: On request (MOQ apply)

Connection: Built in 4mm² screw terminal block

Options:

- Other calibration temperatures
- Cream color housing
- Incorporation of a temperature sensor (thermocouple, Pt100 or Pt1000, thermistor)
- 115V pilot lights

Calibration temperature °C (°F)	Close temperature °C (°F)	Electrical rating	Main uses	References
8°C (46,4)	3°C (37,4)	8A250V	Ice detection, starts an antifreeze or heating system	Y20D3Z00805HCSV0
10°C (50)	4°C (39,2)	10A250V	Ice detection, starts an antifreeze or heating system	Y20D3P01006CUSV0
10°C (50)	4°C (39,2)	16A250V	Ice detection, starts an antifreeze or heating system	Y20D3J01006CUSV0
30°C (86)	20°C (68)	10A250V	Over-heating detection in residential premises, heating stop	Y20D3P03010CUSV0
20°C (68)	30°C (86)	10A250V	Over-heating detection in residential premises, alarm (NO contact)	Y20D3Q03010CUSV0
70°C (158)	60°C (140)	10A250V	Fire detection (withstand sprinklers water sprays)	Y20D3P07010CUSV0

