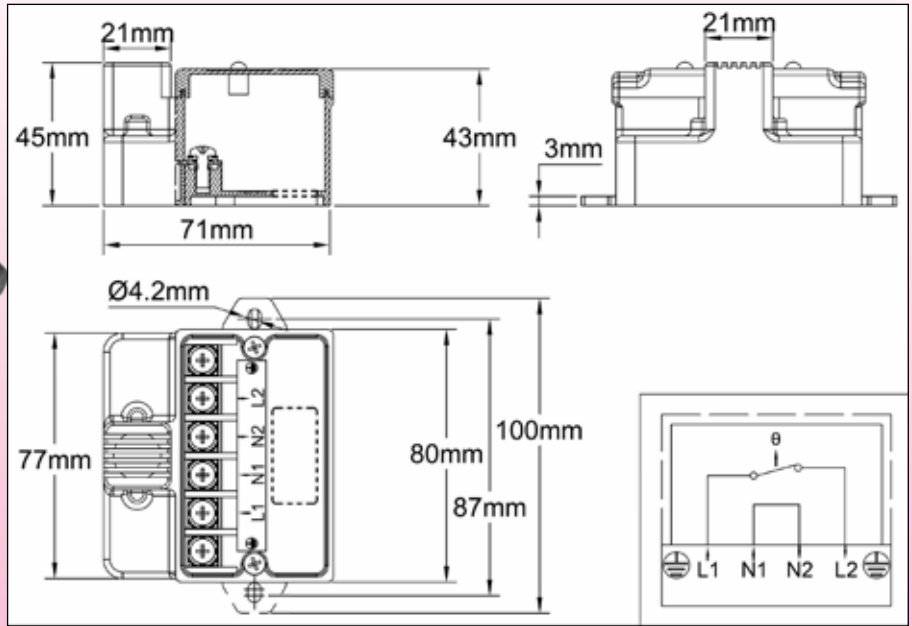


# Thermostats with IP65 plastic housings, Type Y2

## Fixed setting ambiance or antifreeze thermostat, IP65, backside output, without pilot lights, Type Y21



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.

**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 4mm<sup>2</sup> screw terminal block

**Options:**

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

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	Y20D1Z00805HCSV0
10°C (50)	4°C (39,2)	10A250V	Ice detection, starts an antifreeze or heating system	Y20D1P01006CUSV0
10°C (50)	4°C (39,2)	16A250V	Ice detection, starts an antifreeze or heating system	Y20D1J01006CUSV0
30°C (86)	20°C (68)	10A250V	Over-heating detection in residential premises, heating stop	Y20D1P03010CUSV0
20°C (68)	30°C (86)	10A250V	Over-heating detection in residential premises, alarm (NO contact)	Y20D1Q03010CUSV0
70°C (158)	60°C (140)	10A250V	Fire detection (withstand sprinklers water sprays)	Y20D1P07010CUSV0

