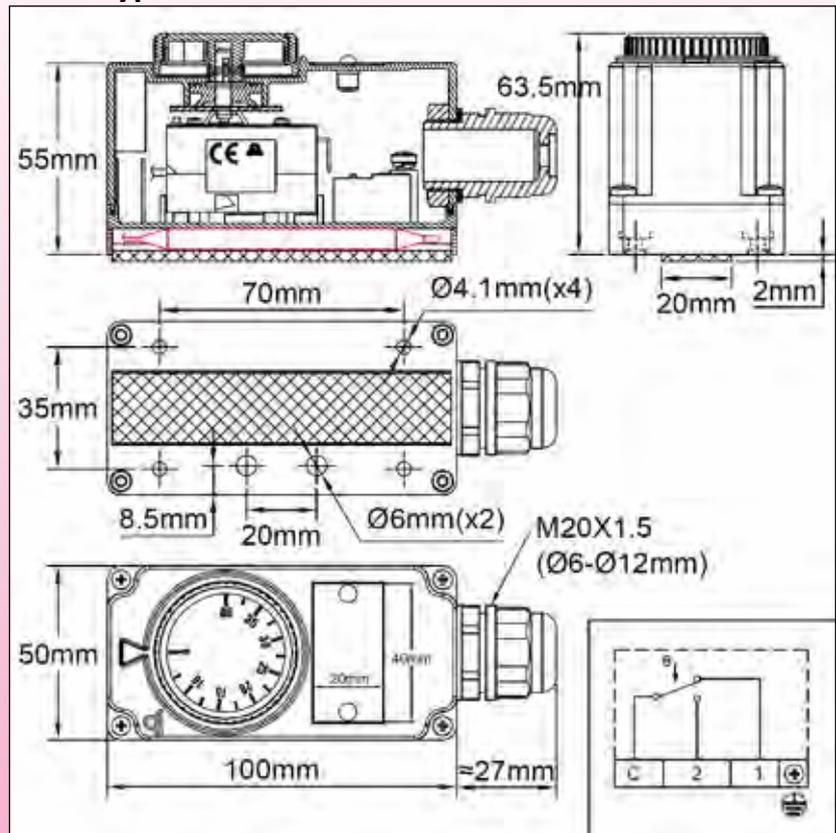


# Thermostats with IP65 plastic housings, Type Y2

## External knob adjustment IP65 surface thermostat, without pilot lights, Type Y2E



**Housing:** IP65, 100 x 50 x 75 mm, PC-ABS, 20%FG, UL94V0. High impact and UV resistance, with silicone waterproof gasket on thermostat shaft.

This thermostat is provided with a temperature sensitive flat aluminum backside to put in contact with a heating surface (heating blanket, heating belt, heating mantle), and 4-hole 35mm x 70 mm distance to fix it on this surface

**Electrical input:** ISO M20 cable gland, Black PA66, IP67, for cables from 6 to 12 mm dia.

**Electrical output:** 2 dia. 6 mm holes equipped with silicone grommets, located on the backside face, allow to introduce the heating element wires directly inside the housing

**Temperature adjustment:** By temperature printed knob, this knob has an adjustable rotation limit system located inside the knob that allows reducing the set point adjustment span

**Sensing element:** Liquid filled bulb, located inside the aluminum part

**Adjustment ranges:** 30-90°C (85-195°F), 30-110°C (85-230°F)

**Electrical connections:** Inside, on screw terminal connection block

**Mounting:** by 4 screws dia 4 mm, 70 x 35 mm distance

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

**Electrical rating:**

- Open on temperature rise contact (C-1) 16A(2.6) 250VAC

- Close on temperature rise contact (C-2) 6A(0.6) 250VAC

- Electrical life >100.000 cycles.

Cannot be used in 400VAC

**Minimum Storage temperature:** -35°C (-30°F)

**Maximum ambient temperature:** 110°C (230°F)

### Main references

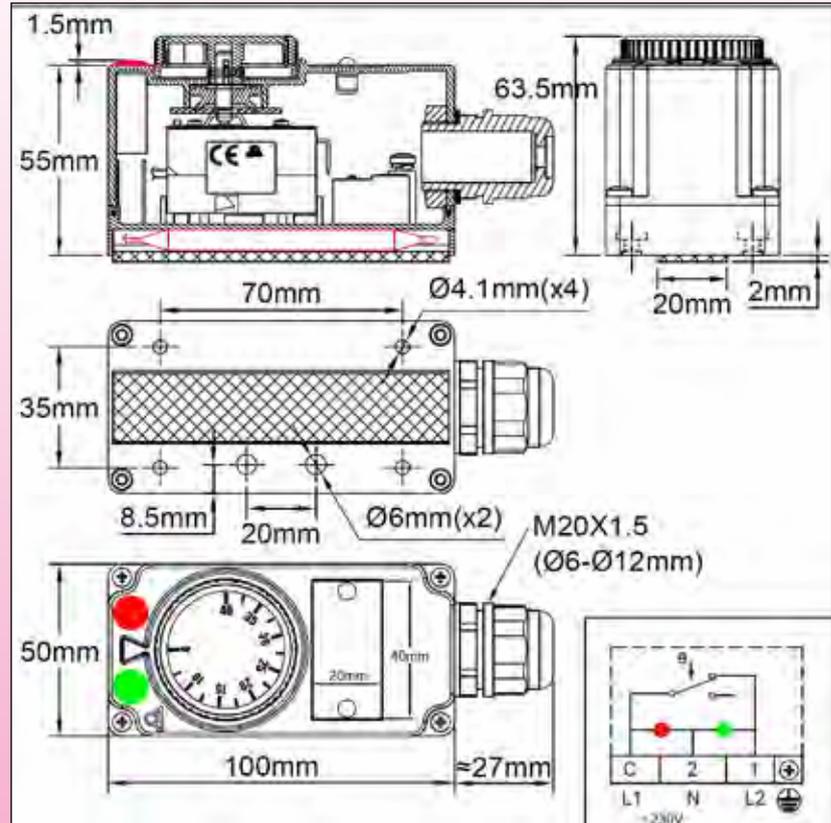
References with knobs printed in °C	Temperature adjustment range °C	Differential °C	References with knobs printed in °F	Temperature adjustment range °F	Differential °F
Y2E8GB030090AO66	30-90°C	4±3°C	Y2E8GB030090AO67	85-195°F	7±5.5 °F
Y2E8GB030110AO66	30-110°C	5±3°C	Y2E8GB030110AO67	85-230°F	9±5.5 °F

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice



# Thermostats with IP65 plastic housings, Type Y2

## External knob adjustment IP65 surface thermostat, two pilot lights, Type Y2F



**Housing:** IP65, 100 x 50 x 75 mm, PC-ABS, 20%FG, UL94V0. High impact and UV resistance, with silicone waterproof gasket on thermostat shaft.

This thermostat is provided with a temperature sensitive flat aluminum backside to put in contact with a heating surface (heating blanket, heating belt, heating mantle), and 4-hole 35mm x 70 mm distance to fix it on this surface

**Electrical input:** ISO M20 cable gland, Black PA66, IP67, for cables from 6 to 12 mm dia.

**Electrical output:** 2 dia. 6 mm holes equipped with silicone grommets, located on the backside face, allow to introduce the heating element wires directly inside the housing

**Temperature adjustment:** By temperature printed knob, this knob has an adjustable rotation limit system located inside the knob that allows reducing the set point adjustment span

**Sensing element:** Liquid filled bulb, located inside the aluminum part

**Adjustment ranges:** 30-90°C (85-195°F), 30-110°C (85-230°F)

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

**Electrical connections:** Inside, on screw terminal connection block

**Mounting:** By 4 holes for screws dia. 4mm, 70 x 35 mm distance

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

**Electrical rating:**

- Open on temperature rise contact (C-1) 16A(2.6) 250VAC

- Close on temperature rise contact (C-2) 6A(0.6) 250VAC

- Electrical life >100.000 cycles.

Cannot be used in 400VAC. 115V model on request

**Minimum Storage temperature:** -35°C (-30°F)

### Main references

References with knobs printed in °C	Temperature adjustment range °C	Differential °C	References with knobs printed in °F	Temperature adjustment range °F	Differential °F
Y2F8GB030090AA66	30-90°C	4±3°C	Y2F8GB030090AA67	85-195°F	7±5.5 °F
Y2F8GB030110AA66	30-110°C	5±3°C	Y2F8GB030110AZ67	85-230°F	9±5.5 °F

