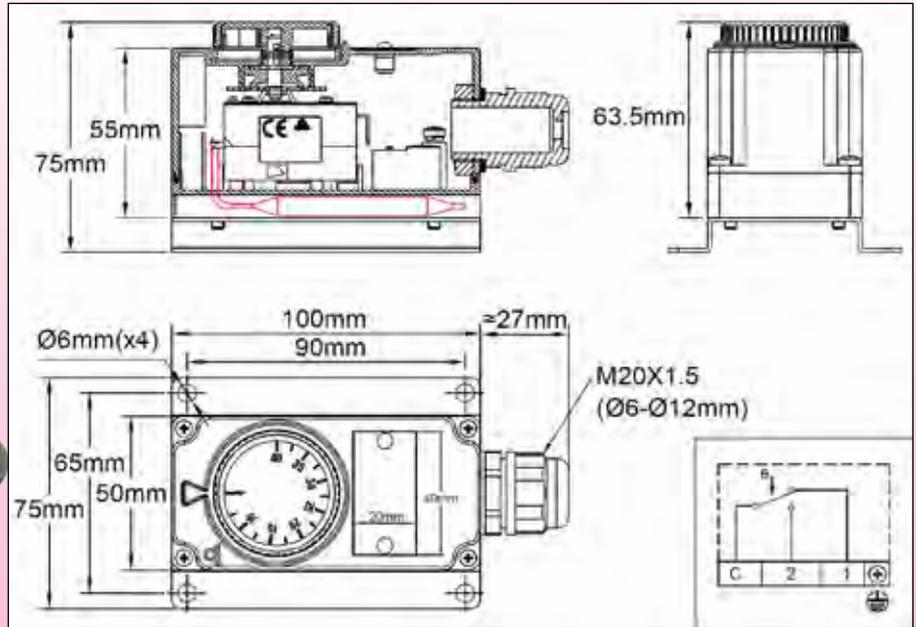


Thermostats with IP65 plastic housings, Type Y2

External knob adjustment IP65 ambiance thermostat, without pilot lights, Type Y2A



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. The SUS304 stainless steel wall mounting plate keeps temperature sensing element away from the wall.

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

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 with mechanical protection. Temperature measurement is made backside.

Adjustment ranges: -35+35°C (-30+95°F), -10+40°C (15-105°F), 4-40°C (40-105°F)

Electrical connections: Inside, on screw terminal connection block

Mounting: Wall mounting, by 4 holes for screws dia 4 to 6 mm, 90 x 65 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: 60°C (140°F)

Main references

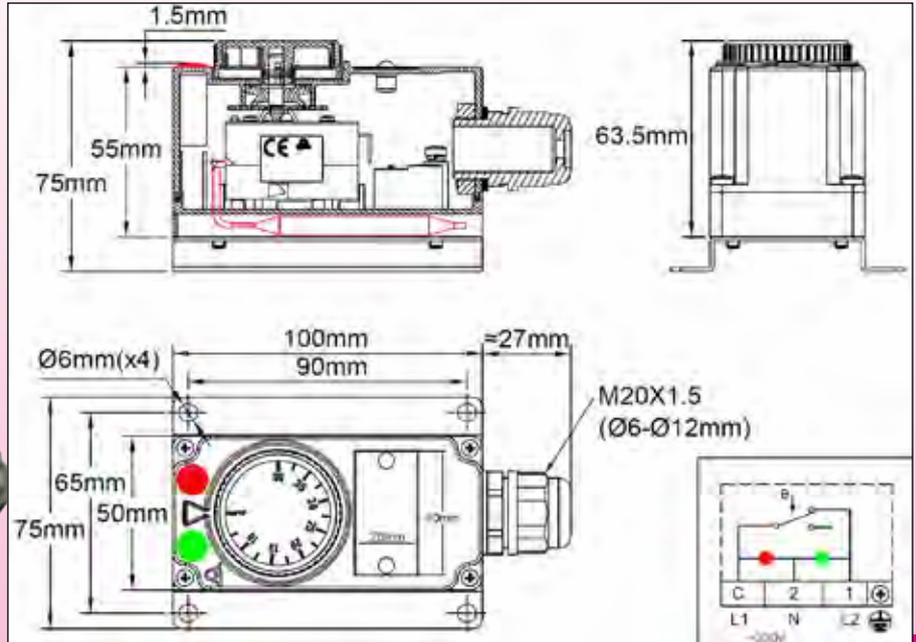
References with knobs printed in °C	Temperature adjustment range °C	Differential °C	References with knobs printed in °F	Temperature adjustment range °F	Differential °F
Y2A8GB-35035AA85	-35+35°C	4±2°C	Y2A8GB-35035AA86	-30+95°F	7±3.6 °F
Y2A8GB-10040AA85	-10+40°C	3°C±2	Y2A8GB-10040AA86	15-105°F	5.5±3.6 °F
Y2A8GB004040AA85	4-40°C	3°C±2	Y2A8GB004040AA86	40-105°F	5.5±3.6 °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 ambiance thermostat, two pilot lights, Type Y2B



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. The SUS304 stainless steel wall mounting plate keeps temperature sensing element away from the wall.

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

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 with mechanical protection. Temperature measurement is made backside.

Adjustment ranges: -35+35°C (-30+95°F), -10+40°C (15-105°F), 4-40°C (40-105°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: Wall mounting, by 4 holes for screws dia 4 to 6 mm, 90 x 65 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)

Maximum ambient temperature: 60°C (140°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
Y2B8GB-35035AA85	-35+35°C	4±2°C	Y2B8GB-35035AA86	-30+95°F	7±3.6 °F
Y2B8GB-10040AA85	-10+40°C	3°C±2	Y2B8GB-10040AA86	15-105°F	5.5±3.6 °F
Y2B8GB004040AA85	4-40°C	3°C±2	Y2B8GB004040AA86	40-105°F	5.5±3.6 °F

