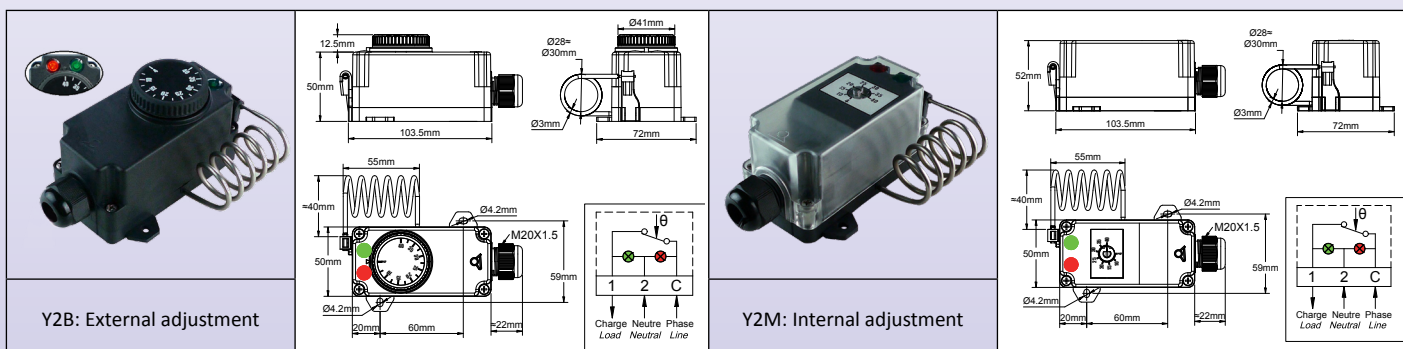


“Pigtail” bulb room thermostats, with 2 built-in pilot lights

Enclosure	Type	Operation	Contact	Measurement	Ranges °C	Models
IP55	Control	Mechanical	SPNC	Ambient		<h2 style="margin: 0;">Y2B, Y2K</h2>
Material						
PC-ABS						



Housing: PC-ABS, fiberglass reinforced, UL94V0. High impact and UV resistance, with waterproof gasket on thermostat shaft for external adjustment types. Internal adjustment types have a PC transparent cover, to visualize the pilot lights and the set point adjustment.

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

Set point adjustment: By °C printed knob for external adjustment models, by screw driver and printed dial on internal adjustment models. External adjustment types have an adjustable rotation limit system located inside the knob that allows reducing the set point adjustment span. °F values are available in option.

Sensing element: Liquid filled “pigtail” bulb, mounted on the side of plastic housing.

Temperature adjustment ranges: -35+35°C (-30+95°F), 4-40°C (40-105°F), 30-90°C (85-195°F), 30-110°C (90-230°F), 50-200°C (120-390°F), 50-300°C (120-570°F), 100-400°C (210-750°F), 100-500°C (210-930°F).

Pilot lights: Allow to visualize the power supply and thermostat contact position (230V Phase and Neutral power supply is mandatory for pilot lights)

Electrical connections: On screw terminals. (It is possible to connect 2 wires 1.5mm² on each terminal). In option, an auxiliary connection block can be added, providing 3 neutral terminals.

Mounting: Wall mounting, by two side lugs with holes for dia. 4mm screws, on a 59 × 60mm diagonal.

Contact: SPNC (open on temperature rise).

Electrical rating, resistive loads:

16A 250V, 50 ~60Hz: >100000 cycles,

20A 250V, 50 ~60Hz: ≥50000 cycles,

10A 400V, 50 ~60Hz: ≥50000 cycles.

Electrical rating, inductive loads:

6A 250V, 50 ~60Hz: >100000 cycles

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

Maximum ambient temperature: 60°C (140°F)

For more technical information ask 8G thermostat technical data sheet.

Main references

Temperature adjustment ranges °C (°F)	4-40 (40-105)
References with external adjustment	Y2B8GD004040QB3J
References with internal adjustment	Y2K8GD004040QB3J
Differential °C (°F)	1.6±1°C (2.9±2°F)

°F printing: replace last character (J) by K

Version with auxiliary 3 way neutral terminal: replace D0 by D1 in the reference.

Knob printings

°C Printing	°F Printing
4-40°C	40-105°F

