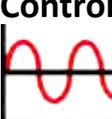
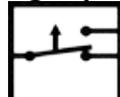
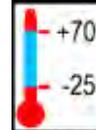
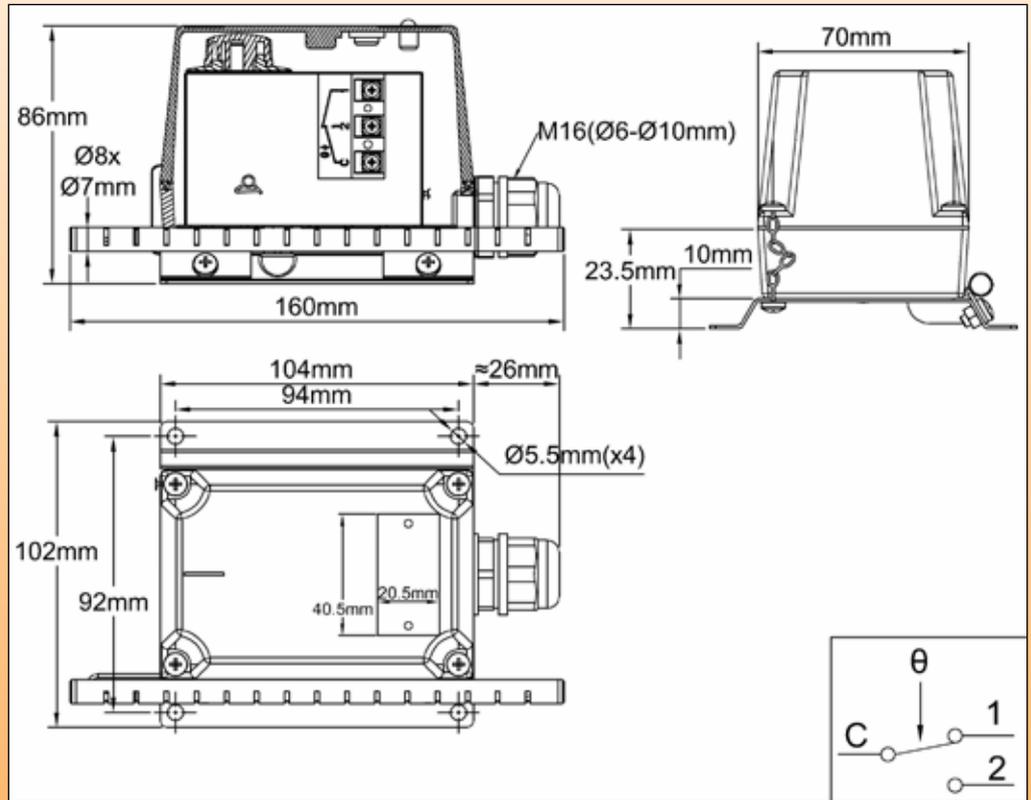


# The Y1 range of thermostats with IP65 enclosures

## Ambient and antifreeze

Type	Adjustment	Contact	Measurement	Range °C	Model
Control 	Internal 	Single pole 	Ambient 		<b>Y1A</b> <b>Thermostat</b> <b>KR, KU</b>



### Applications:

- Wall mounting for indoor temperature control of cold room
- Temperature control of industrial or commercial premises.
- Outdoor temperature control of antifreeze heaters,
- Green houses and livestock stables temperature control

*Withstand very low ambient temperatures*

**Housing:** Aluminum, IP65, IK10, 104 x 102 x 86 mm. Mounted on a SUS304 stainless steel wall mounting plate which keeps temperature sensing element away from the wall. Grey RAL7032 epoxy painting

**Set point adjustment ranges:** **-25+25°C (-15+80°F), -10+15°C (15-60°F), 0-50°C (32-120°F), 0-70°C (32-160°F).**

**Temperature adjustment:** Set point adjustable by temperature printed **internal knob**. Shipped with °C printed skirt fitted on the knob, and °F printed skirt in spare part. Printed skirt is replaceable without tool.

**Action:** temperature control.

**Sensing element:** Liquid filled bulb. Temperature measurement is made by bulb located on the side of the mounting bracket, under protection tube

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

**Earthing:** on internal screw terminal

**Cable output:** M16 cable gland, PA66, for cables up to 10 mm dia.

**Mounting:** Wall mounting, by 4 holes for screws dia. 4 to 5 mm, 94 x 92 mm distance

**Identification:** 20 x 40 mm stainless steel identification label, riveted.

**Contact:** SPDT

**Rating:** 15A res. 230/400VAC, electrical life >500.000 cycles.

Reduced differential models cannot be used in 400VAC

**Storage minimum temperature:** -50°C (-60°F)

## Main references

Temperature adjustment ranges °C (°F)	Standard differential		Reduced differential		Maximum ambient temperature °C (°F)
	References	Differential °C (°F)	References	Differential °C (°F)	
-25+25°C (-15+80°F)	Y1AKRA-25025220E	3±1°C (5.5±1.8 °F)	Y1AKUA-25025220E	2±1°C (3.6±1.8 °F)	60°C (140°F)
-10+15°C (15-60°F)	Y1AKRA-10015200E	3±1°C (5.5±1.8 °F)	Y1AKUA-10015200E	2±1°C (3.6±1.8 °F)	60°C (140°F)
0-50°C (32-120°F)	Y1AKRA000050200E	3±1°C (5.5±1.8 °F)	Y1AKUA000050200E	2±1°C (3.6±1.8 °F)	60°C (140°F)
0-70°C (32-160°F)	Y1AKRA000070500E	5±2°C (9±3.6°F)	Y1AKUA000070500E	3±1°C (5.5±1.8 °F)	80°C (180°F)

