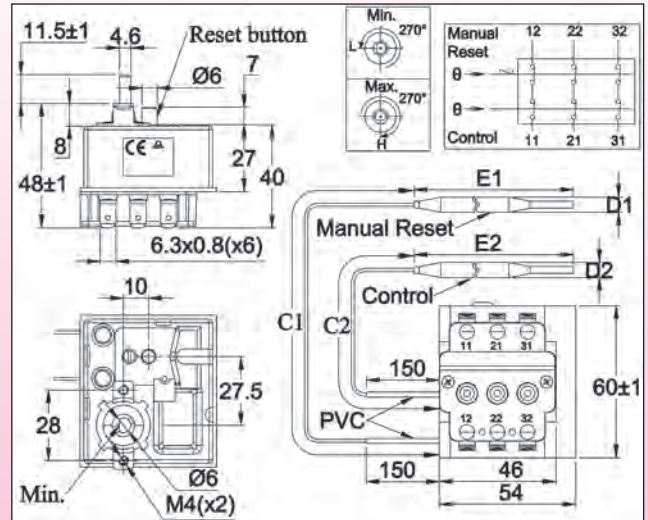
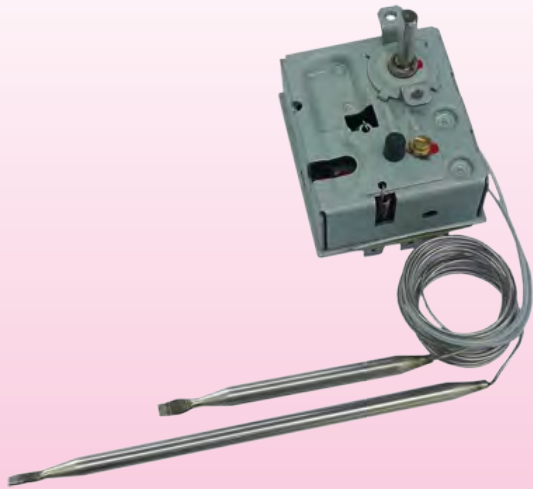


# Type 81 3 pole combination control thermostat

## DIMENSIONS



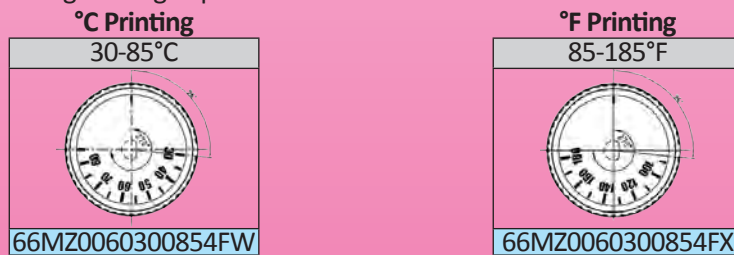
## TECHNICAL FEATURES

- Housing dimensions:** 60 x 54 x 48 mm (without terminals)
- Bulb and capillary:** stainless steel, capillary length 1500 mm, 150 mm long PVC sleeve on capillary. Capillary minimum bending radius 5 mm.
- Temperature sensing element:** liquid filled bulb and capillary.
- Terminals:** 6.35 x 0.8 quick connect terminals. M4 screws also available on request.
- Adjustment:** Dia. 6 mm shaft with 4.6 mm flat, (other lengths or fixed setting available on request).
- Manual reset:** fail safe, fixed setting, front access reset button
- Fail safe contact action by low temperature:** Temperatures under -15°C (5°F) will trigger the manual reset.
- Mounting:** Front bracket with 2 x M4 threads, 28 mm distance
- Rating:** 3 x16A 250VAC, 10A 400VAC (res.)
- Contacts:** 3 poles ST (snap action contact)

## Main references

Reference	Temperature range (°C)	Capillaries length (mm)	Bulb diameter (mm)	Bulb length (mm)	Differential (°C)	Max temperature on bulbs (°C)	Manual reset temperature
8IC085110AO60001	30-85°C/ 86-185°F	1500	6	94 (E1) 129 (E2)	12 ±6°C/ 53.6±42.8°F	170°C / 338°F (E1) 140°C/ 284°F (E2)	110°C+0/-9 230°F+0/-48.2

Other calibration values, ask our engineering department.



## 66MZ Soft grip knob and bezel dimensions

Dimensions	References	Material
	66MZ.....	PC +Santoprene
	66EN1	Black ABS
	66EN3	Chrome plated ABS
	66EN2	Stainless steel

Many other knobs are available, see the full knoblist at the end of this catalogue.

