

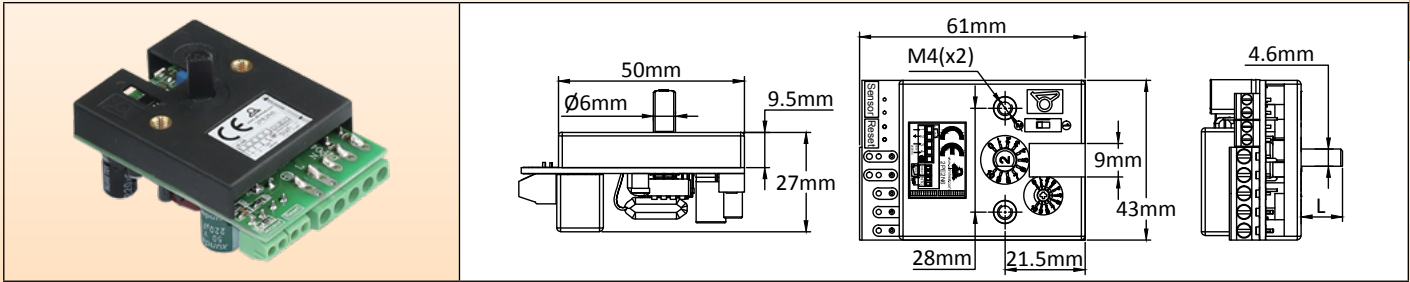


Electronic thermostats

Blind electronic thermostat, 16A.

Type: 2PE2N6

Dimensions



Applications principles

This electronic thermostat for incorporation has been designed to allow a distant temperature control of flexible silicone heaters. It is mounted with two screws M4 at the same distance 28mm than bulb and capillary thermostats, uses a 6mm dia. shaft with 4.6mm flat, and its knob rotation angle is 230°. Its electrical rating is 16A 230V, identical to the electromechanical thermostats. **This is an economical solution, useful in catering equipment.**

Main features

Action: On-Off.

Size: 60 × 43 × 23mm.

Temperature sensor: NTC thermistor, 10Kohms @25°C, B(25-50)= 3380

Temperature ranges: 20-125°C (68-260°F)

Temperature differential: adjustable, by potentiometer with front access, from 0.5 to 5.5°C (0.9 to 10°F) for other temperature ranges.

Accuracy: +/- 1% of scale (NTC sensor tolerances not included).

Power supply: 180 to 240V, 50Hz or 60Hz.

Relay output: 16A250V resistive, 100000 cycles.

Relay action: open on temperature rise

Ambient: -20+50°C, 10-85% RH.

Power: <2W

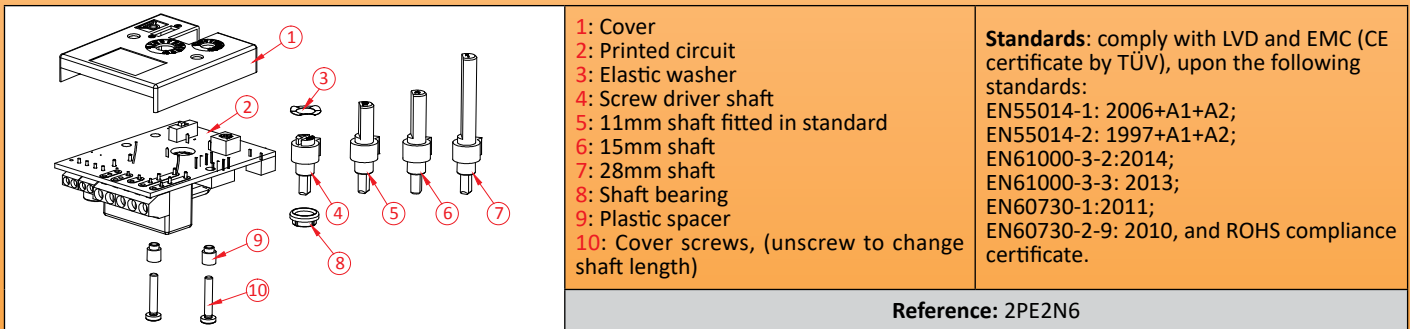
Electrical connections:

- Power supply and power relay: 2.5mm² screw terminal block.

- Temperature sensor: 1.5mm² screw terminal block.

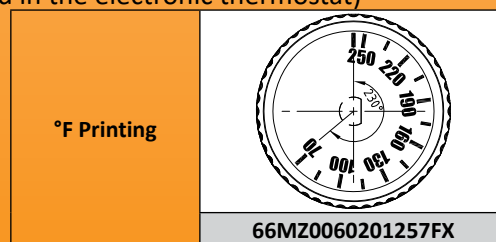
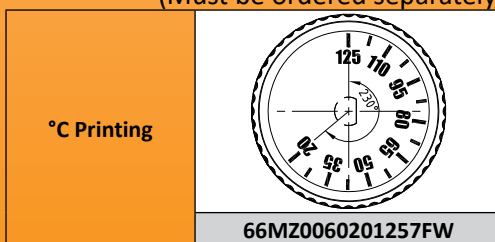
Adjustment shaft: the thermostat is shipped with a dia. 6mm with 4.6mm flat shaft, length 11mm, assembled. Included is also a set of: one 15mm shaft, one 28mm shaft and one screw driver adjustment shaft.

Options: available with many other temperature ranges. Also available with manual reset action (Ask for full technical data sheet).



Soft grip printed knobs references

(Must be ordered separately, not included in the electronic thermostat)



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