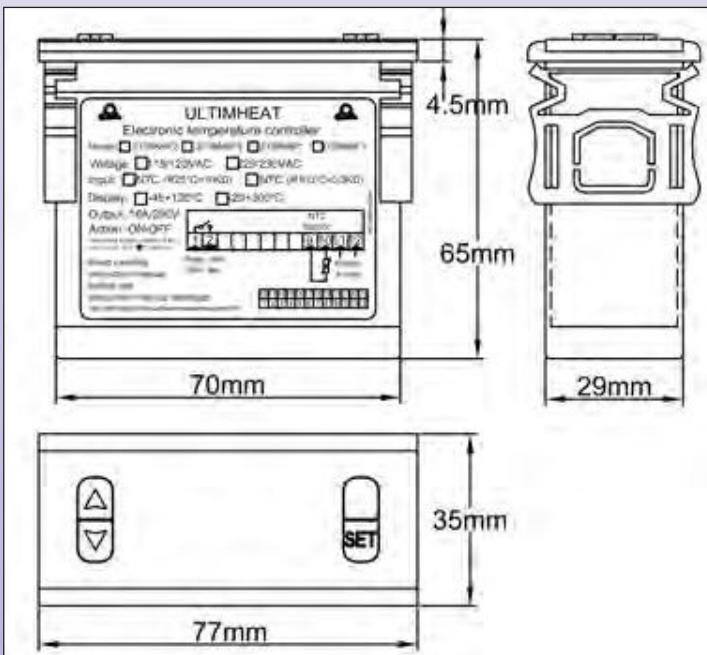


77 x 35mm intelligent temperature controller, On/Off action

Type: 273



Mini-sized and integrated intelligent controller, with very simple end-user interface: Change of set point is made without password, with up and down keys.

Input:

Input NTC : value R@25°C:10KO ($\pm 1\%$), B@25/50°C: 3380KQ ($\pm 1\%$)

Pt100 and thermocouple K Inputs: standard curves

Outputs: Relay with 16A or 10A resistive contact depending on models.

Alarm: 5A alarm relay on thermocouple K models

Display: Single display °C (°C or °F for the -45 +120° model)

Power supply: AC 220-230V 50-60Hz

Accuracy: $\pm 1^\circ\text{C}$ ($\pm 2^\circ\text{F}$) or 0.3%FE \pm one digit

Selt testing: Over-scale, under-scale, and open circuit sensor display.

Dimensions: 77 x 35 X 60mm. Panel cut-out 71x29mm

Ambient temperature: -10 to 60°C, 20 to 85% relative humidity, non condensing.

Temperature display range: - 45 to +120°C (41 to 248°F)

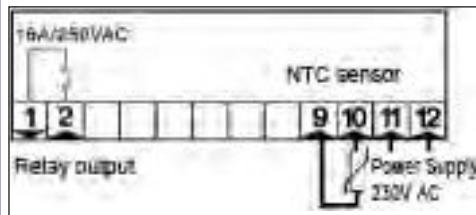
Resolution: 1° (0.1° within the -19.9 à 99.9° range for the model -45+120°C)

| References (230V types) | Temperature range | Sensor | Main relay output |
|-------------------------|--|---------------------------|-------------------|
| 273BN6F2 | -45+120°C | NTC | 16A |
| 273BP0F2 | -150+550°C | Pt100 | 10A |
| 273BK1F2 | 0-999°C | K | 10A |
| 273DJ2F2* | -45+120°C and 0-100% relative humidity | NTC and Capacitive sensor | 10A |

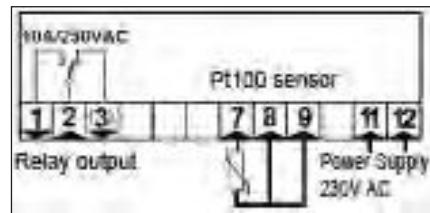
*For more choices within the humidity controls, please see the specialized catalogue "Humidity controls".

Connection :

NTC sensor



Pt100 sensor



Thermocouple K



NTC temperature sensor and humidity capacitive sensor

