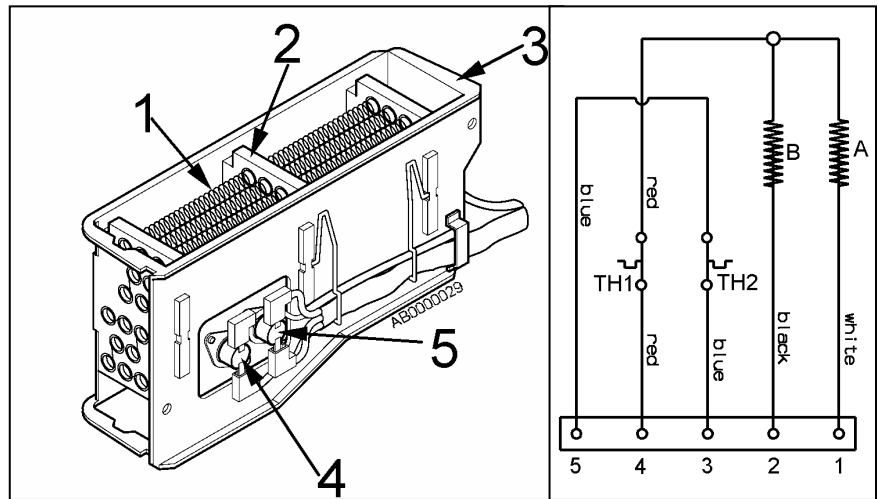


7.4 Heater unit

- 1 – Filament heating element
- 2 - Ceramic supports
- 3- Sheet metal casing
- 4 - TH1 Safety thermostat (automatic reset)
- 5 - TH2 Safety thermostat



The heater unit consists of two wire heating elements with different powers. The two heating elements are fitted to ceramic supports, and the entire assembly is housed in a sheet metal casing.

Two safety thermostats (normally closed) are positioned to one side of the casing.

- TH1 (automatic reset) (4) intervenes at a temperature of $92 \pm 3^\circ\text{C}$, and disconnects both heating elements.
- Thermostat TH2 (5) intervenes at 160°C ; when the contact opens, it remains open, permanently disconnecting all the electrical components in the appliance.

The heater unit is powered via two relays (RL1 and RL2) fitted to the board.

Heater unit versions					
Type	Total power (-2+ 8%): W	2400	2000	2000	2200
	Rated voltage: V	240	230	240	240
Branch A	Power (-2+ 8%): W	1400	1400	1400	1400
	Resistance: Ω	36	33	36	36
Branch B	Power (-2+ 8%): W	1000	600	600	800
	Resistance: Ω	51	78	85	63

IMPORTANT: In the event of a thermostat failure, the entire heater unit must be replaced!

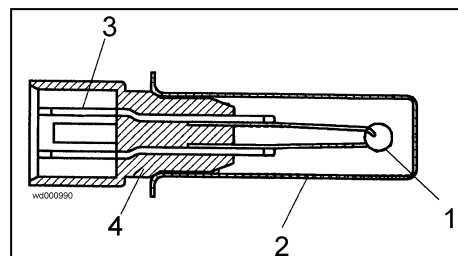
7.5 NTC sensor

The NTC sensor is fitted to the hot air fan duct. This sensor consists of a resistor contained in a metallic capsule.

Its resistance decreases as the temperature increases.

The electronic circuit reads the resistance (which varies with the temperature inside the dryer); when this resistance falls below a certain value, the heater unit is switched off. As the air cools, the resistance increases; when it reaches a given value, the electronic circuit re-connects the heater unit to the power supply. This occurs each time the temperature inside the dryer exceeds a given value, which varies according to the drying cycle that has been selected.

- 1 – NTC resistor
- 2 – Metallic capsule
- 3 – Terminals
- 4 – Plastic casing



TEMPERATURE ($^\circ\text{C}$)	RESISTANCE (Ω)		
	Rated value	Maximum value	Minimum value
20	6050	6335	5765
60	1250	1278	1222
80	640	620	660