

TOO HIGH TEMPERATURES IN THE COOLER COMPARTMENT OF APPLIANCES WITH BATTERY EVAPORATOR

In the appliances with PNC starting with 925 034 xxx the following fault may occur:

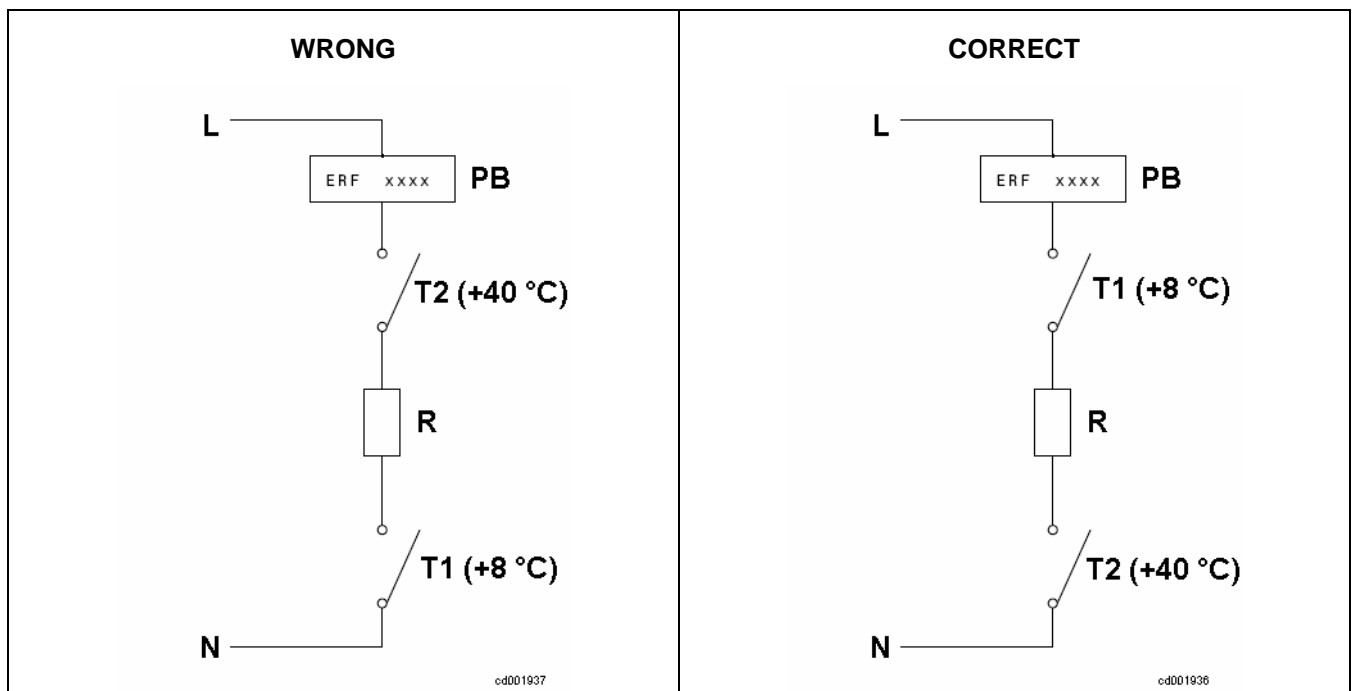
- **Periodical temperature rise (about 3 °C) in the cooler compartment** probably due to the wrong wiring of the thermal switches of the battery evaporator.

If the thermal switches are not connected correctly, the defrosting phase does not terminate with the normal switching on of the defrosting cut-out switch, but only 1 hour after the beginning of the defrosting for safety reasons.

Since the defrosting lasts 1 hour, the temperature in the cooler compartment cannot be maintained and it rises periodically each time the battery evaporator defrosts.

The thermal switches are correctly connected if the defrosting cut-out switch is directly connected to the power board, while they are wrongly connected if the thermal switch directly connected to the power board is the safety cut-out switch.

Please find below the wrong and the correct connection diagrams:



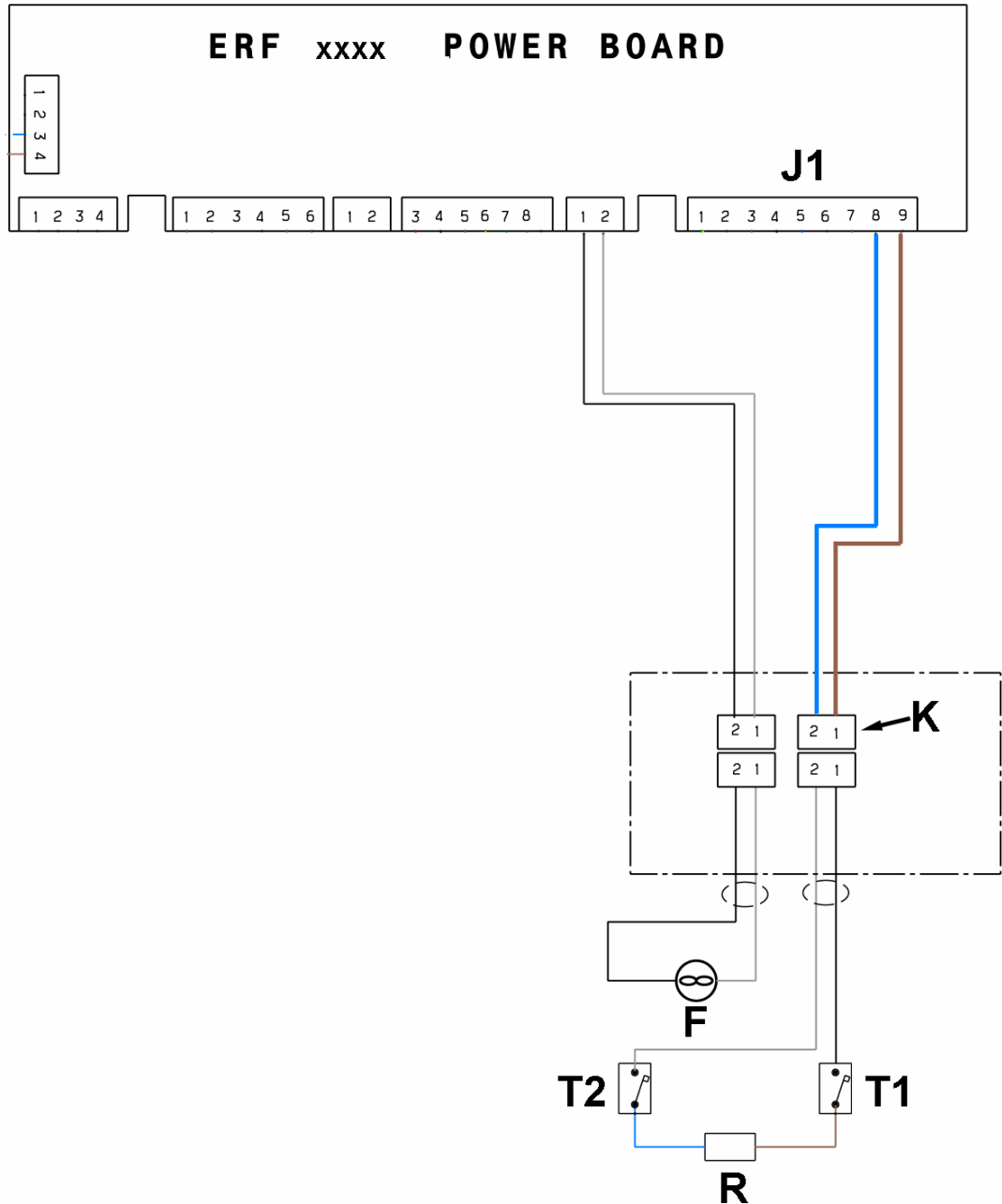
Key:

- L** = line
- N** = neutral
- PB** = power board
- R** = defrosting heater
- T1 (+8 °C)** = defrosting cut-out switch
- T2 (+40 °C)** = safety cut-out switch

To solve the problem of the wrong wiring of the thermal switches, it is necessary to modify the electric wiring as follows:



ATTENTION: Unplug the appliance before operating.

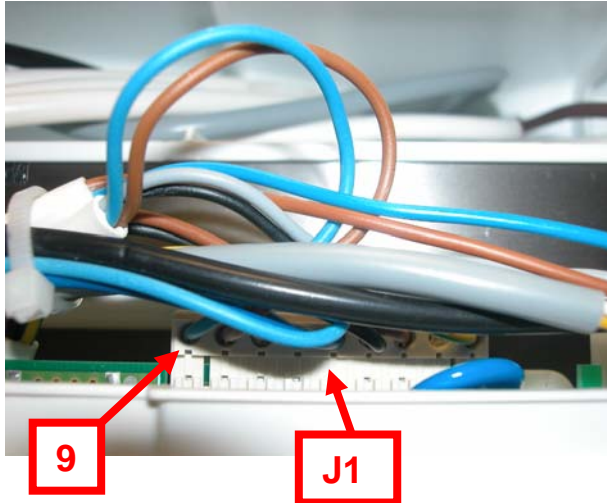


Key:

- K** = connector for connection of the thermal switches
- F** = fan
- R** = defrosting heater
- T1** = defrosting cut-out switch (+8 °C)
- T2** = safety cut-out switch (+40 °C)

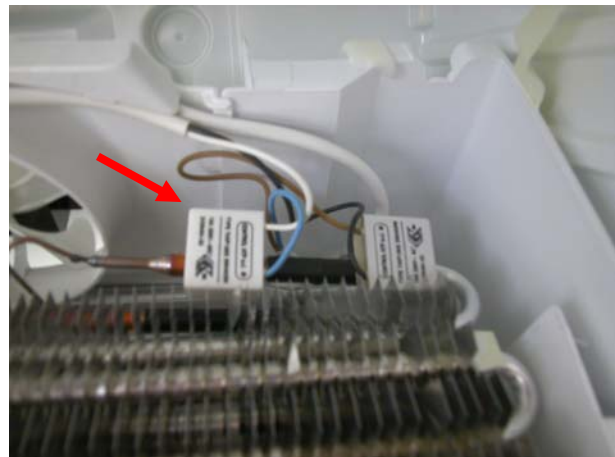
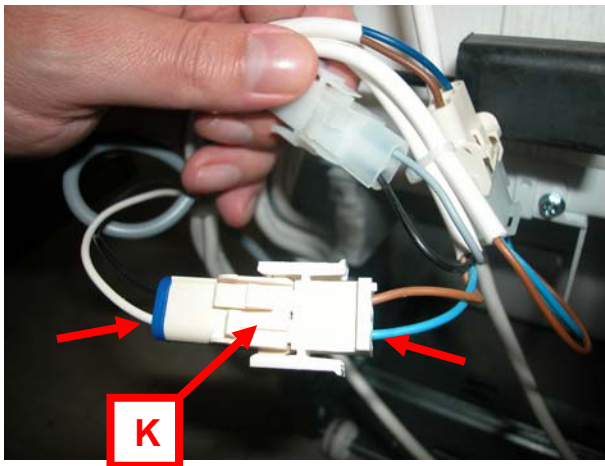
cd001938

TOO HIGH TEMPERATURES IN THE COOLER COMPARTMENT OF THE APPLIANCES WITH BATTERY EVAPORATOR



1. Starting from the contact **9** of the connector **J1** (connected to the power board) follow the path of the cable (in the fig. of blue colour) up to the connector for the connection of the thermal switches **K** (featured in the connection box of the compressor compartment **S**).

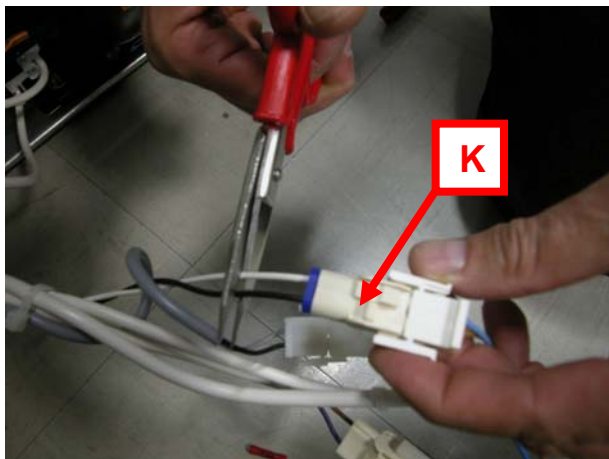
2. Access to the connection box **S**.



3. Follow the path of the cable of point 1 (in the fig. of blue colour and later white) up to the inside of the battery evaporator to verify which thermal switch it is connected to.

4. If it is the defrosting cut-out switch **T1** (+8 °C), the wiring is correct, therefore the problem of the temperature rise does not depend on the wiring of the thermal switches.

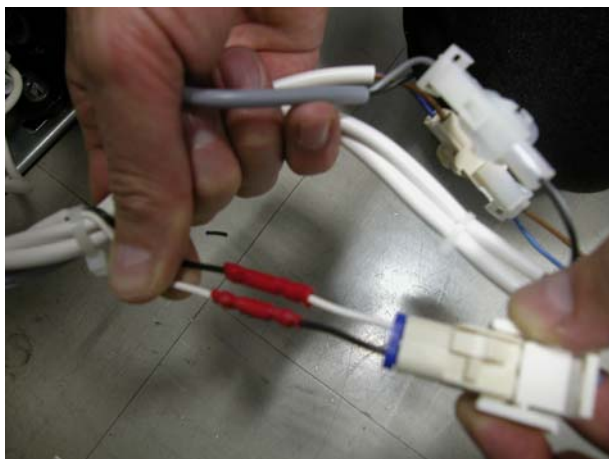
5. If it is the safety cut-out switch **T2** (+40 °C), the wiring is wrong, therefore it is necessary to exchange the wiring as indicated below:



6. Cut the two cables coming out from connector **K**.



7. Remove the sleeve from the cables.



8. Connect the cables exchanging them (in the fig. the white with the black one) using red couplings, then isolate the couplings with some insulating tape.

IMPORTANT NOTE:

In the appliances listed in Tab. A it is necessary to follow the modification procedure above described and replace also the display board if the data in the adhesive label do not correspond to:

- Part no. **2425158-19**
- Eeprom version **QA03E**

The correct display board to be ordered has part no. 2425158199.

Tab. A

PNC	DATE	MODEL	BRAND
92503400400	20060623	S75358KG3	AEG Electrolux
92503400500	20060630	S75358KG3	AEG Electrolux
92503400600	20060630	S75350KG3	AEG Electrolux
92503404500	20071012	S75340KG68	AEG Electrolux
92503404600	20071019	S75348KG68	AEG Electrolux
92503404700	20071012	S75350KG38	AEG Electrolux
92503404800	20071012	S75358KG38	AEG Electrolux
92503404900	20071019	S75358KG38	AEG Electrolux
92503405000	20071012	S75358KG38	AEG Electrolux
92503420300	20060918	S75398KG3	AEG Electrolux
92503420500	20060520	S75390KG3	AEG Electrolux
92503423700	20071019	S75388KG68	AEG Electrolux
92503423800	20071005	S75390KG38	AEG Electrolux
92503423900	20071005	S75398KG38	AEG Electrolux
92503424000	20071119	S75398KG38	AEG Electrolux
92503424100	20071012	S75398KG38	AEG Electrolux
92503425300	20071019	S75388KG68	AEG Electrolux
92503442000	20071012	S75408KG8	AEG Electrolux

REVISIONS:

Revision	Date	Description
00	11/2007	Document creation
01	01/2008	Added IMPORTANT NOTE and Tab. A