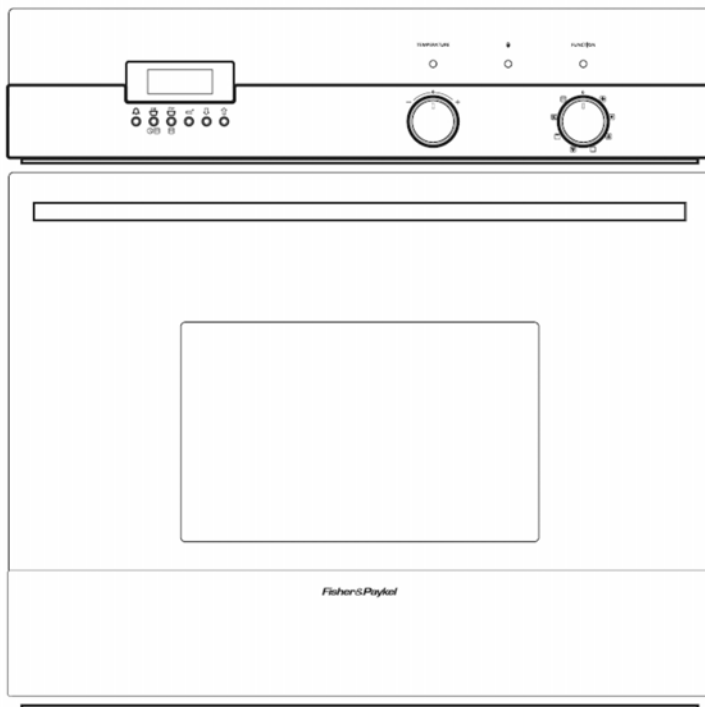


Service Manual

Built in Ovens

Model:
OB24SDPX1



care

The model covered by this manual is listed on the front cover.

The information detailed in this manual is subject to change without notice. The latest version is indicated by the reprint date and replaces any earlier editions.

The front cover picture shows the type of product and may not necessarily be an exact image of the model covered by the manual.

PRODUCTS

Brand Fisher & Paykel

Model	Description	Product Code	Market
OB24SDPX1	Designer, electronic clock, pyrolytic	88487-A	US

Fisher & Paykel Appliances
5900 Skylab Road
Huntington Beach
CA 92647
Telephone: 888 936 7872

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1 SPECIFICATIONS

1.1 Model Descriptions

Type	OB = Oven - Built in
Width	24 = 24 in
Cavity	B = Double cavity H = Double under bench oven N = Compact oven S = Single cavity
Family	C = Classic D = Designer L = Commercial V = Exclusive
Features	E = Electronic clock F = Large font graphics on control panel for visually impaired customers M = Electronic minute timer P = Pyrolytic T = Electronic (soft touch) controller
Colour	M = Iridium W = White X = Brushed stainless
Series	1 = 1 st iteration

1.2 Electrical Ratings

AC 120/240V, 60 Hz

Pyrolytic model

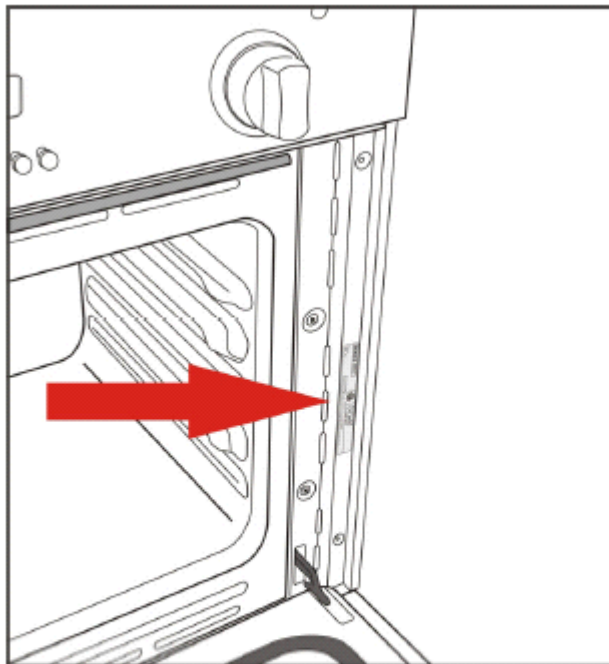
OB24SDPX1 3095 W, 12.9 A

2 SERIAL LABEL

- Ser n⁰ = serial number, composed of ABBCC-NNNN , where:
 - A is the last number of the year of manufacture e.g. 7 = 2007.
 - BB is the week of manufacture e.g. 08 = week 08.
 - CC – ignore this.
 - NNNN is the progressive product number.
- Part Nr. = product code.
 - Future service version changes will be indicated with a change of letter after the product code, e.g. 88487-B.

Fisher & Paykel <i>appliances</i> Mod. Nr. : OB24SDPX1 Part Nr. : 88487-A CPF Nr. : F6P0FP..... Ser n° : 70815-0001	Fisher & Paykel Appliances Inc. 5900 Skylab Road Huntington Beach CA 92647, USA www.usa.fisherpaykel.com	 C US	AC 120/240V 60 Hz 3.100 kW MAX 12.9 A MAX
	223313 Made in Italy (Fabriqué en Italie)		UL 858 - HOUSEHOLD ELECTRIC RANGES CAN/CSA-C22.2 No.61-M89 - HOUSEHOLD COOKING RANGES

- Location:



The data plate is positioned on the front right profile (visible when opening the oven door).
 One additional data plate (paper) is attached on the User & Installation Manual.

3 INSTALLATION

3.1 Cabinetry

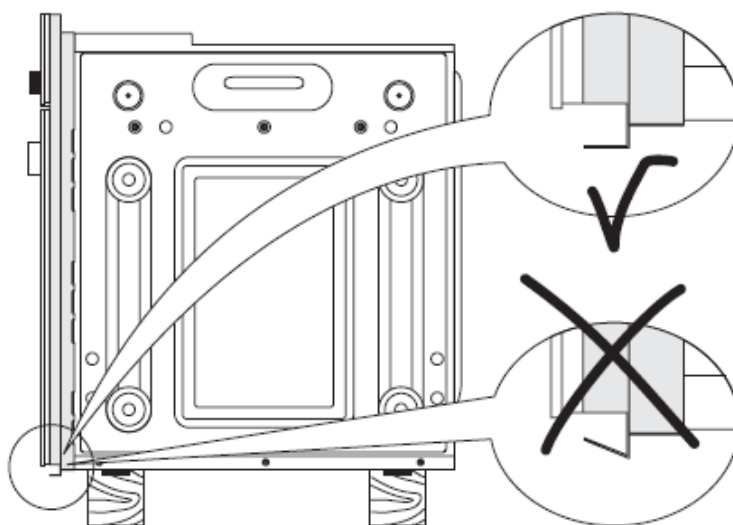
There is no requirement to install the product in an air-sealed cavity.

3.2 Securing The Oven

Secure the oven into the cabinetry using the screws provided.

3.3 Air Circulation

The space between the bottom of the door and the lower trim is important for the correct air circulation into the oven. Ensure the lower trim is not damaged. The feet may be removed but the product must not rest on the lower trim.



4 OPERATION

4.1 Setting The Clock

The oven will not work if the clock has not been set. Refer to the user guide for instructions on how to set the clock.

4.2 Conditioning The Oven

Condition the oven before using it for the first time.

- Slide in the shelves and grill pan.
- Heat the oven to maximum on the following functions (where available) for;
 - 60 min on the bake function
 - 30 min on the fan forced function
 - 15 min on the fan grill function
 - 15 minutes on the grill function

4.3 Protecting The Enamel Surface

Ensure that aluminium foil, dishes, trays, water or ice are not placed on the oven floor as this will irreversibly damage the enamel.

4.4 Condensation And Hot Knobs

The oven fan comes on automatically at different stages of the cooking cycle. Hot air can blow from under the control panel as part of the oven's cooling system, (and this can result in knobs becoming hot). When the oven is turned off, the cooling fan may stay on until the oven cools down.

Condensation is a normal byproduct of cooking, and can be kept to a minimum by covering food while it is cooking.

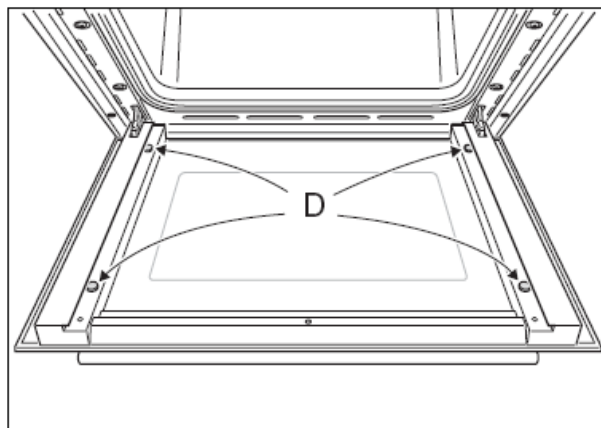
4.5 Cleaning

4.5.1 Door Glass

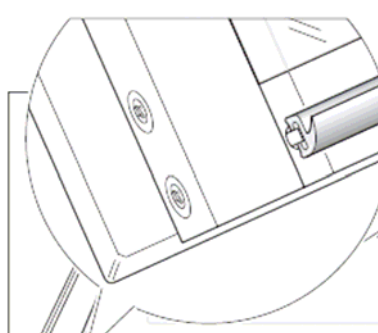
Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass as this may scratch the surface and result in the glass shattering, or damage the heat reflective coating.

The pyrolytic models have four panes of glass, but these cannot be removed for cleaning.

Take care not to damage the rubber spacers when replacing the inner door glass.



Ensure the inner door top gasket is re-fitted the correct way up.



4.5.2 Enamel Surfaces

Avoid leaving alkaline or acidic substances (such as lemon juice or vinegar) on the oven surfaces.

Do not use cleaning products with a chlorine or acidic base.

4.6 Replacing The Oven Lamp

Never use screwdrivers or other utensils to remove the cover as this could damage the enamel, the cover or the lampholder. Hands only must be used. For details of the wattage of the oven lamp, refer to the appropriate parts manual.

4.7 Setting °F/°C On The Display

- Turn the oven selector knob to a cooking function.
- Press button 5 on the programmer to reduce the displayed temperature until the minimum value is reached (120°F/50°C).
- With °F or °C flashing on the display, press button 5 again (if °F or °C is not flashing, press button 4 before pressing button 5) until **OFF** appears on the display.
- Press button 4 for about 3 to 5 seconds until the display changes from °C to °F or vice versa. During selection, °C or °F is flashing.
- When **OFF** appears again on the display, turn the selector knob to 0 (OFF) position. The selection to °C or °F has been completed.

5 SERVICING

5.1 Pyrolytic Ovens

5.1.1 Electronic Programmer



Old Version



New Version

EL1000

The Siebe® electronic Programmer is the primary control and monitor device and incorporates the following features:

- Oven temperature control.
- LED display.
- Clock 24 Hour.
- Minute minder & automatic baking function.
- Self clean function with door lock/unlock input.
- Baking mode selection.
- EEPROM unit to store and back up electronic data.
- Single handed operation.
- °F indication.
- Temperature probe input.

5.1.1.1 Operating Principles

The programmer is designed to detect various input control signals from the following:

- Oven temperature probe ST1
- Variable Temperature Control ST2
- Door status microswitch ST3
- Oven mode selector switch ST4

and outputs these signals to the following relays and triac, supplying power to the various cooking circuits:

- Thermostat Relay 1
- Oven Fan Relay 2
- Lock/Unlock Relay 3
- Cooling Fan Relay 4 (New version programmer)
- Cooling Fan Triac 1 (Old version programmer)

Supplied with mains 240 volts, the onboard transformer reduces the working voltage of the programmer to 15 volts AC.

Connected to the mode selector (ST4), the electronic programmer (EL1000) verifies the programme selection by comparing the resistance on the selector with that stored on the programmer's microchip.

When the selected programme has been chosen, a confirmation will be given on the onboard LED display as follows:

- | | |
|--|--------------------|
| • Off | Time of Day |
| • Oven light | Time of Day |
| • Defrost frozen foods | dEF |
| • Convection cooking with ventilation | 320 ⁰ F |
| • Traditional convection cooking | 350 ⁰ F |
| • Ventilated cooking with double grill | 480 ⁰ F |
| • Grilling | 480 ⁰ F |
| • Ventilated grilling | 480 ⁰ F |
| • Self cleaning function | P0.00 |

If the door is open when the mode selector is operated, "door" symbol will appear and an audible warning will sound for 30 seconds with the "door" symbol flashing.

Normal Baking & Grilling Function

When a baking or grilling function is selected and the customer verifies the temperature, the following will be triggered by the Electronic Programmer (EL1000):

- Set Temperature displayed on LCD (min 122⁰F - max 482⁰F).
- Internal cavity temperature confirmed by ST1 probe.
- Thermostat relay 1 operated and the thermostat contacts closed.
- Door status confirmed by ST3 microswitch.
- Cooling fan triggered by Triac 1 (old version programmer) or relay 4 (new version programmer).
- Oven fan relay 2 operated.

Power is now supplied via the safety thermal overload to the various switch terminal configurations on the mode selector and on to the various elements.

The internal cavity temperature is now constantly monitored by the ST1 probe and will trigger the making and breaking of the thermostat relay 1 to ensure correct temperature control. The oven thermostat light will also illuminate to indicate power to the elements.

Triac 1 (old version programmer) or relay 4 (new version programmer) maintains cooling fan operation until the selector switch is turned to the "Off" , "Light" or "Defrost" position and the inside oven cavity drops below 212⁰F.

Note: Full user set up details for the normal baking and grilling functions can be found in the User Operating Instructions.

Self-Clean (Pyrolytic) Function

When the self-clean function is selected on the mode selector, the Electronic Programmer (EL1000) will trigger the following.

- Internal cavity temperature confirmed by ST1 probe.
- Door closed status confirmed by ST3 microswitch and door lock light is illuminated.
- P0-00 displayed on LCD.
- P1-30 displayed on PCB after key 3 verification (Max P3-00 available).
- Door lock / unlock relay 3 operated (term 3 – 4) locking oven door latch (<30 seconds).
- Cooling fan triggered by Triac 1 (old version programmer) or relay 4 (new version programmer).
- Thermostat relay 1 operated and thermostat contacts closed.
- Time to run verified on PCB: P3-00, P2-30, etc.
- P0-00 and auto symbol flash at end of cycle.
- Door lock neon illuminated within 30 seconds of relay 3 operation.

Power is now supplied via the safety thermal overload to the various switch terminal configurations on the mode selector and on to the grill element and external bottom oven element.

The oven cavity is heated up to the maximum self-clean temperature of 914⁰F and is controlled by the ST1 probe and thermostat relay 1.

The oven door will be remained locked until the self-clean cycle has finished and the cavity temperature has dropped to below 563⁰F. Above this temperature, the display will show “DoLo”.

Triac 1 (old version programmer) or relay 4 (new version programmer) maintains the cooling fan operation until the selector switch is turned to the “Off” ,”Light” or “Defrost” position and the inside oven cavity drops below 212⁰F.

Note: Full user set up details and customer message readings for the normal self-clean function can be found in the User Operating Instructions.

5.1.1.2 Electronic Programmer Testing

Quick Test

A simple test to verify the correct sequence of programmes are being registered by the PCB is to turn the selector switch through all settings and compare the digital readout with the following:

Setting	Programme	Display Readout
0	Off	Time of Day (hh:mm)
1	Lamp	Time of Day (hh:mm)
2	Defrost	dEF
3	Convection Bake	Oven Ambient Temperature
4	Bake	Oven Ambient Temperature
5	Double Grill	Oven Ambient Temperature
6	Grill	Oven Ambient Temperature
7	Fan Grill	Oven Ambient Temperature
8	Self-Clean	P1-30 (Ph:mm)

By referring to the test procedure for the control switch, it is possible to make further checks to verify the resistance being read by the electronic programmer from the control switch, however the above chart should be sufficient in most cases.

Full Engineer Test Mode

This special mode is for testing single components of the control board. It can only be activated within 10 seconds of the power being supplied and as soon as the cavity temperature has been evaluated.

If the cavity temperature is higher than the door locking temperature, the door gets locked and the test mode cannot be entered.

To enter test mode, turn on the appliance and within 10 seconds, turn the mode selector switch to the 'Self-Clean' position and press timer buttons 5 and 6 together. ○ ○ ○ ○ ● ●
The display reads "tE" for test mode.

To exit test mode and return to power on mode, press timer buttons 5 and 6 again. If no button is pressed within 25 seconds, the test mode is automatically abandoned and the control returns to power on mode.

The test mode is performed in 3 levels:

Level 0 Outputs, button and function test. Also program information.

Level 1 Inputs test

Level 2 Analogue (AD) values test **

When entering the test mode, the default level is level 0. To change the level, keep timer buttons 2 and 3 pressed. ○ ● ● ○ ○ ○
The display reads "tE °x" while the degree sign flashes. Pressing the PLUS/MINUS key will set the actual test level 0, 1, or 2.

***Test level 2 is not mentioned in this section as it is only applicable to the internal software configuration and is not considered relevant to general service and repair work.*

Level 0

This test is performed pressing the timer buttons as follows:

Button 1 **Display and Buzzer test.** (Each press of the button moves to the next step.)

Step 1 All segments and symbols are illuminated and the buzzer sounds.

Step 2 All odd segments (A, C, E, G) and symbols (Bell, Pot, AUTO) are illuminated.

Step 3 All even segments (B, D, F) and symbols (P, AUTO), Dot, Celsius-Symbol) are illuminated.

Button 2 **Relay 1 (Thermostat) function test.**

Display message "tE E1" (listen for click of relay to confirm operation).

Button 3 **Relay 2 (Main Oven Fan) function test.**

Display message "tE E2" (Listen for click of relay and observe main oven fan operation).

Button 4 **Same as key 1**

Button 5 **Relay 3 (Lock / Unlock Relay) function test.**

Display message "tE E3" (Listen for click of relay and look at lock neon to confirm operation).

Button 6 **Relay 4 / Triac 1 (Cooling Fan) function test.**

Display message "tE E4" (observe cooling fan operation).

Button 1 & 3 **Program number (30-xxxx).**

Display message "1009"/"1082" for 50/60Hz version.

Button 1 & 5 **Oven type.**

i.e. valid oven temperature offset table A or B. Displays message "a" or "b".

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Level 1

Button 1 **Oven sensor temperature.**

Display message "xxx°F"

Button 2 **Baking mode 0 to 8.**

Display message "b1" to "B8" corresponding with chosen selector switch position.

Button 3 **PV +/- position.**

Display message "Pr xx". xx is 0 = Neutral, 1 = plus, -1 = minus.

Button 4 **Same as key 1.**

Button 5 **Door position.**

Display message 0d = door closed, 1d = door open.

Button 6 **Cavity temperature.**

Display message "xxx°F"

Note: Some of the above key operations have been deleted as they are only applicable to the internal software configuration and are not considered relevant to general service and repair work.

The PCB on the electronic programmer has been programmed via the EEPROM (electrically erasable programmable read-only memory) and has been configured to work for various applications.

The Electronic Programmer for the EU/Australain market has been configured for use with or without spit motor. For those models not using a spit motor, the unit has been set up as table "b" and will reflect different internal sensor settings from that of table "a".

The correct table identifier can be seen as the first digit when the appliance is switched on and should be verified for correct usage and setting if either the Electronic Programmer has been replaced or the customer has complained of poor cooking performance.

To change over from Table "a" to table "b", the following procedure should be carried out:

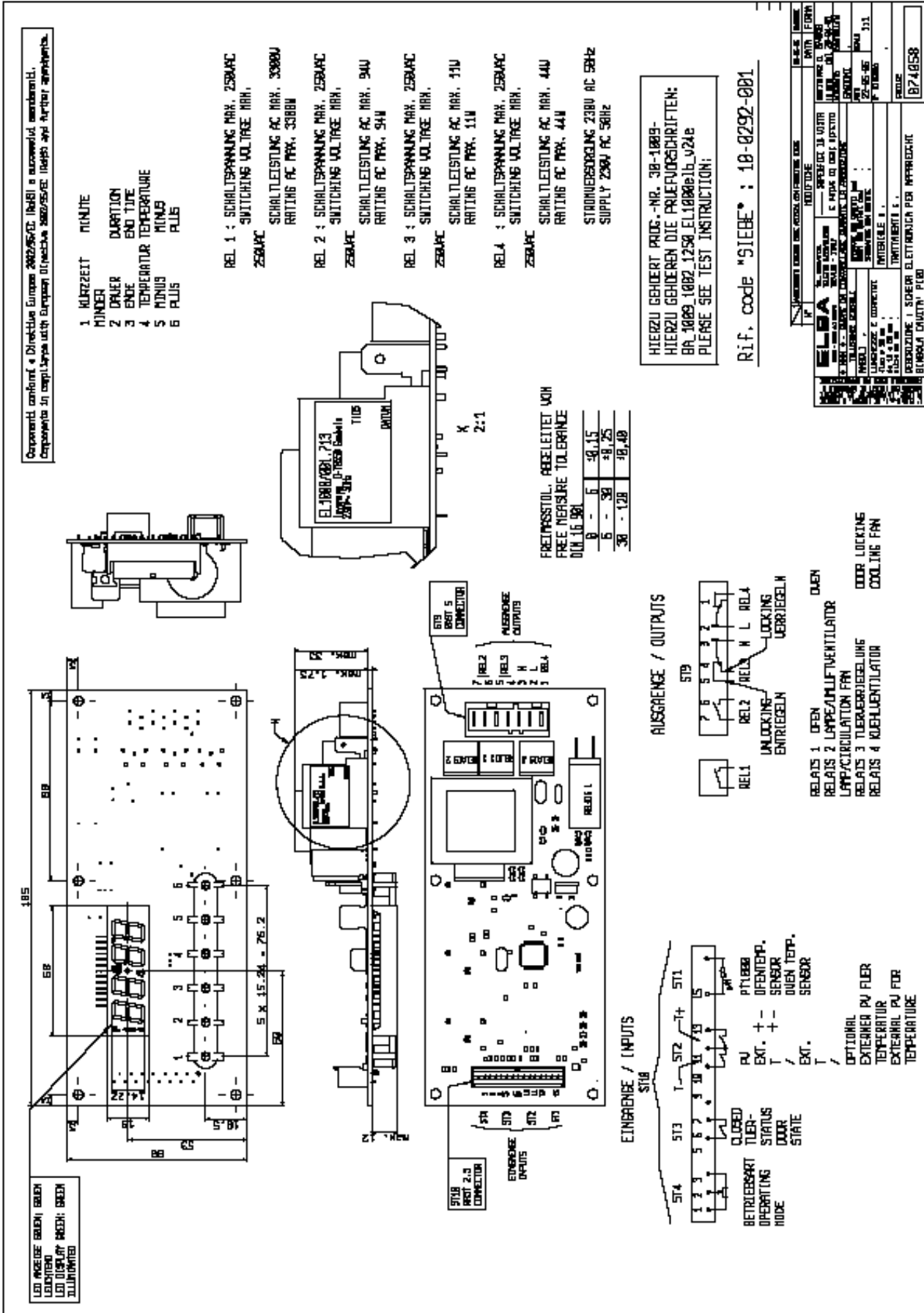
- Turn the power off and on.
- Turn the selector button to the self-clean position and press button 6.
- Then, within one second, press button 2 and then button 1.
- Select Table "a" by pressing the minus button.
- Select Table "b" by pressing the plus button.
- Confirm the selection by pressing buttons 2 and 3 together.

Note: The table selection should only be changed if it is incorrect for the appliance being used. An incorrect setting may effect the cooking results.

The test procedures in this section should only be carried out by qualified service technicians with applicable product knowledge and an understanding of the appliance related components.

The testing of the internal circuitry and components on the programme board is not recommended.

5.1.1.4 Wiring Diagram (New Version Programmer)



5.1.2 Door Lock Mechanism



The door lock mechanism is a bimetal operated door locking system that is used to ensure the oven door is mechanically locked and cannot be opened while the oven is in the self clean mode.

5.1.2.1 Principles of Operation

When the oven is switched to the self-clean mode, the main control board on the oven will verify via the door lock microswitch (figure 1), that the door is closed.



Figure 1

Satisfied that the door is closed, a voltage will be supplied by the PCB via contacts 3 and 4 to a small PTC heating device mounted on the door lock (figure 2). This will heat up and cause the bimetallic contact arm to mechanically push the latch mechanism into the lock position and close the oven door latch switch (contacts 33 and 34) and lock the door latch in the closed position.

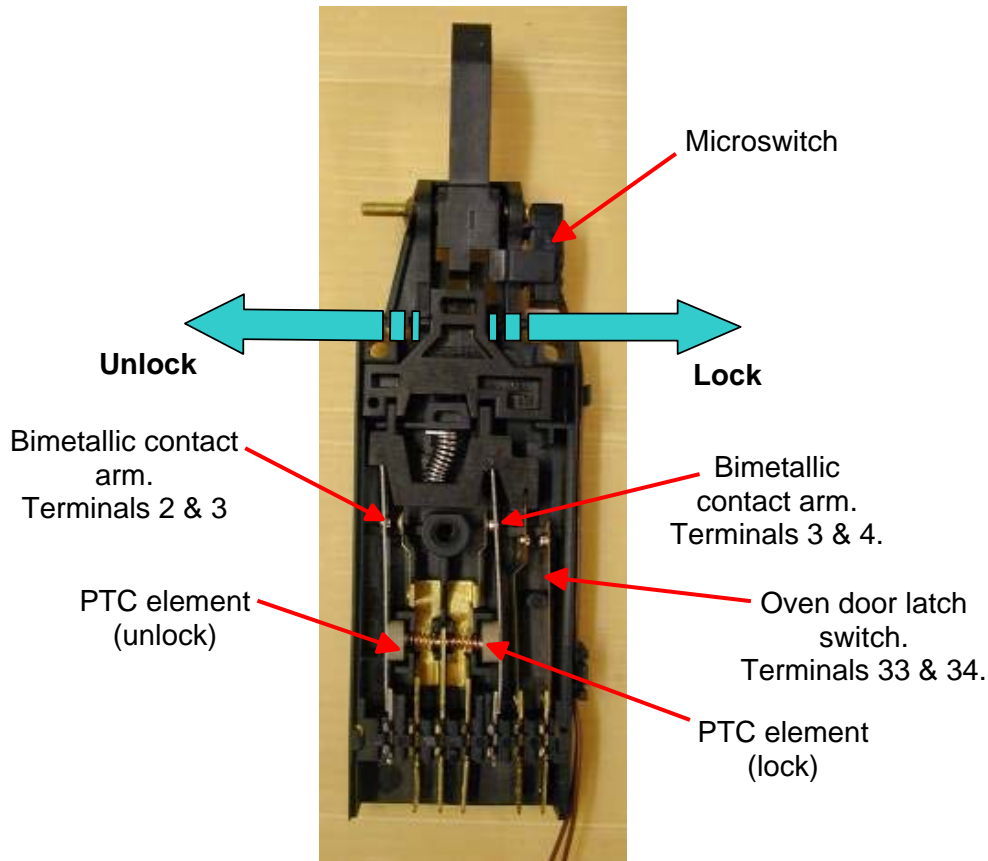


Figure 2

The door lock mechanism will be locked approximately 30 seconds after the self-clean programme has been selected and will be indicated by the illumination of the “lock” neon mounted on the control panel.

If, after selecting the self-clean function, the door is not closed or the PCB cannot verify a closed position via the door lock microswitch, the PCB display will flash “DOOR” and the self-clean function will not operate. If, after 5 minutes, the door has not been closed, an audible signal will be heard for approximately 30 seconds.

The door will remain locked for the duration of the self-clean period and will not unlock until the oven cavity temperature has dropped to below 572°F.

Should the power supply to the appliance be disrupted, the door will remain mechanically locked.

Note: Refer to the user operating instructions for full self-cleaning functions and operations.

5.1.2.2 Door Lock Related Issues

The customer may not be initially aware of a failure of the door lock mechanism and the first indication the customer will have is when the control display shows the flashing “DOOR” symbol or an audible sound can be heard.

Under normal circumstances, the door lock is very reliable and has a life cycle of many thousands of operations. However, customer misuse or incorrect assembly after service could give rise to problems.

If the door is shut with great force, or the customer tries to open the door when it is locked closed, it may in some circumstances be possible to break the door latch. To ensure that the oven will not work in the self-clean” mode if the door is forced open, the door latch is designed in such a way that the latch body will break at a defined break point before the latch head (figure 3).

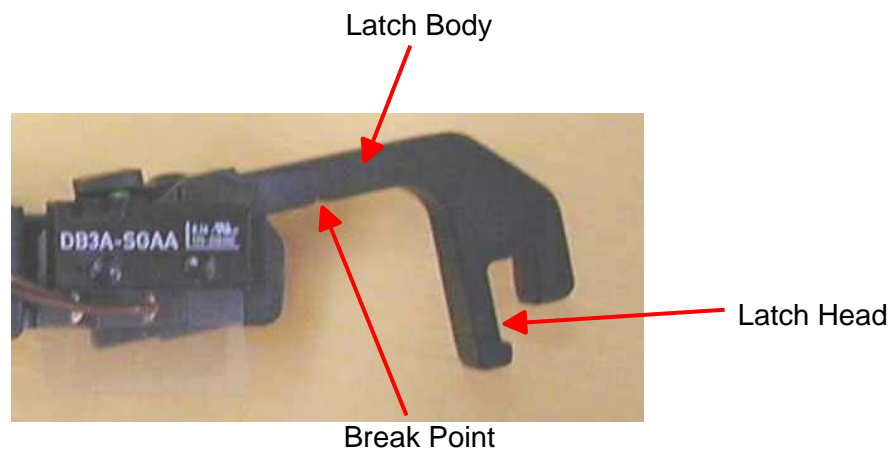


Figure 3

The breaking of the latch body will ensure that the microswitch will register a door open condition and disable the self-clean” mode, instead of breaking the latch head and allowing the door to be opened.

5.1.2.3 Door Latch Adjustments

Although no adjustment to the internal mechanism of the door lock is required, adjustment and positioning of the whole assembly after the unit has been removed or tested is critical for its correct functioning.

The following tests and adjustments should be made whenever a door lock mechanism is removed or replaced.

5.1.2.3.1 Door Locking Adjustment

When removing the door lock mechanism, it is important to ensure that the shim washers are retained and correctly positioned as shown (Figure 4).

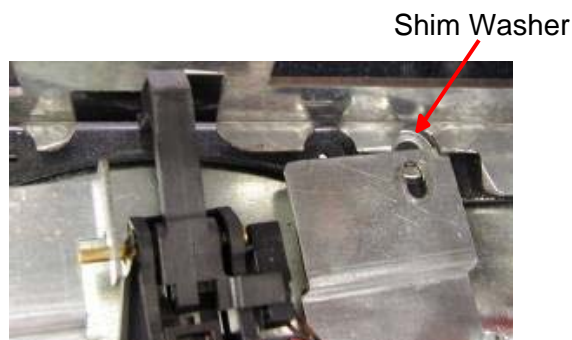


Figure 4

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The door lock mechanism should be positioned through the control panel as shown (Figure 5) ensuring that the shim washers are correctly located (Figure 4).

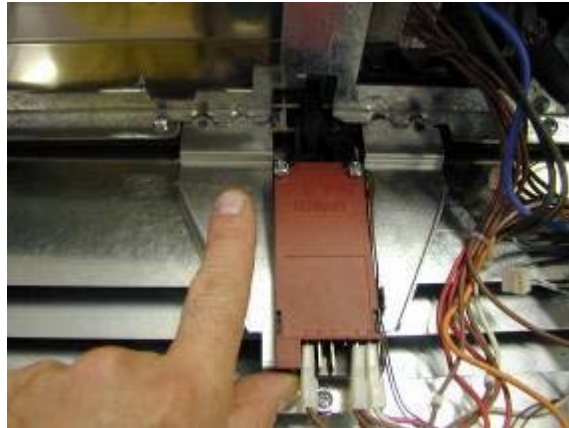


Figure 5

The securing screws for the door lock assembly should only be screwed in enough to allow the the lock assembly to still be moved.

With the door closed, the latch operation should be observed from the front of the appliance to ensure that the latch can be manually pushed into the closed position and can be seen to be locking the door shut.

With the latch being held in the down position, the door lock mechanism should then be manually tested by pushing over the lock mechanism with a screwdriver (figure 6). The lock mechanism should be free to lock and unlock without any undue strain. If the lock mechanism cannot be moved freely, the door lock assembly should be moved slightly and retested as above. The door lock screws should then be fully tightened.

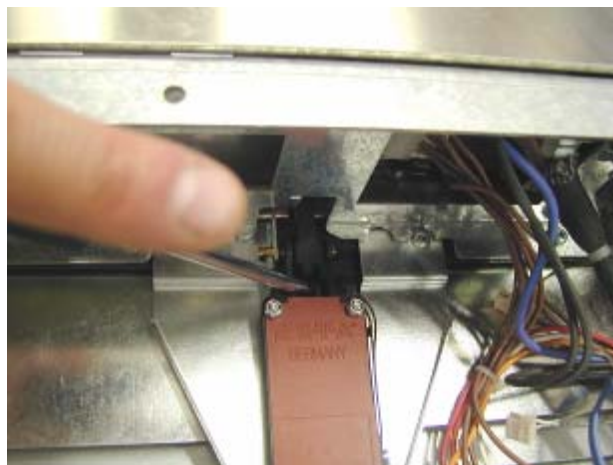


Figure 6

5.1.2.4 Door Lock Clearance Adjustment

When the door lock adjustments have been made, the latch should be checked for correct clearance to ensure the door latch will maintain the open position when the door is shut, and will allow the latch to engage at the required depth when locked in the self-clean setting.

To ensure correct setting, the door should be pulled slightly away from the cavity until the edge of the latch is level with the door lock block (figure 7).

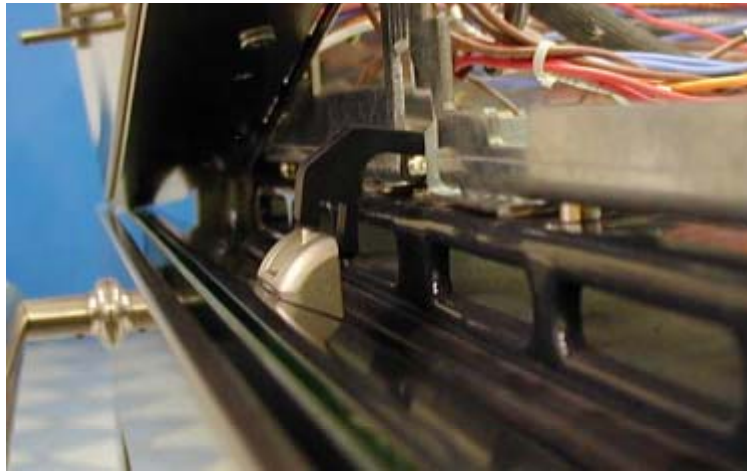


Figure 7

The distance between the latch and the block should be 1mm (figure 8). If this distance is greater, then the door latch may not fully engage when closed. If the distance is reduced, then the door latch may be damaged when the door is closed.

Adjustment to the clearance distance can be made by removing or shimming out the washers shown in figure 4 (refer page 19).

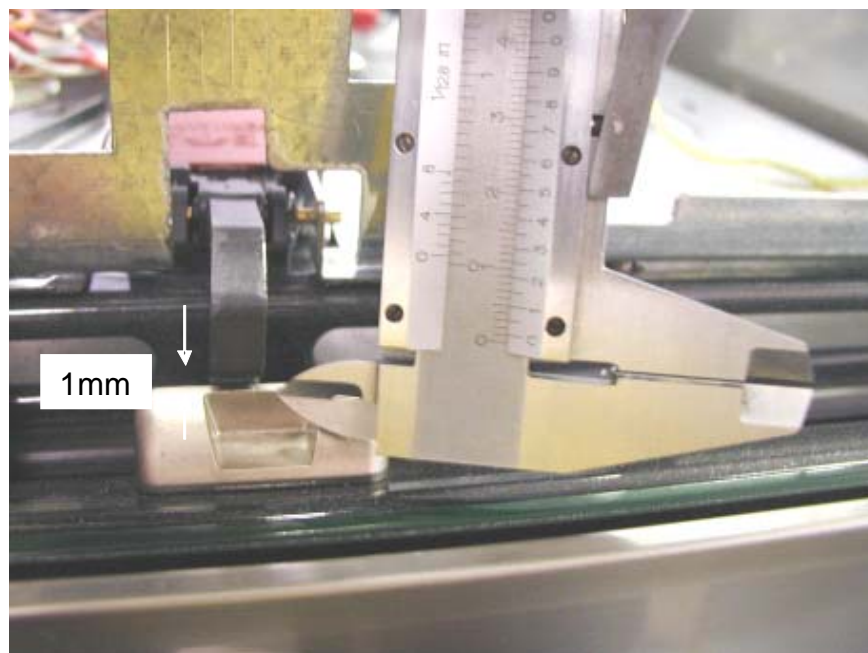
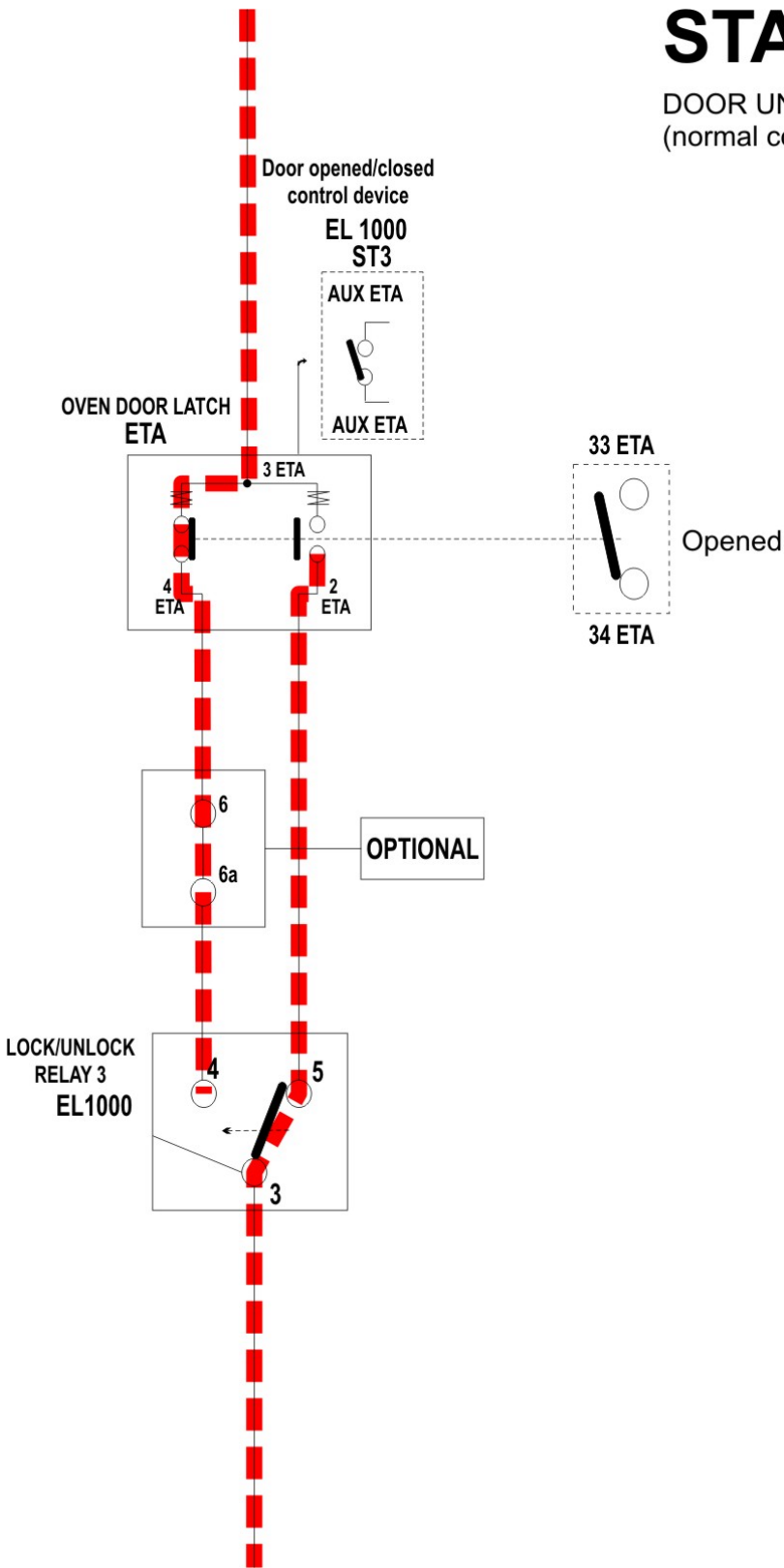


Figure 8

5.1.2.5 Door Lock Status Wiring Diagrams

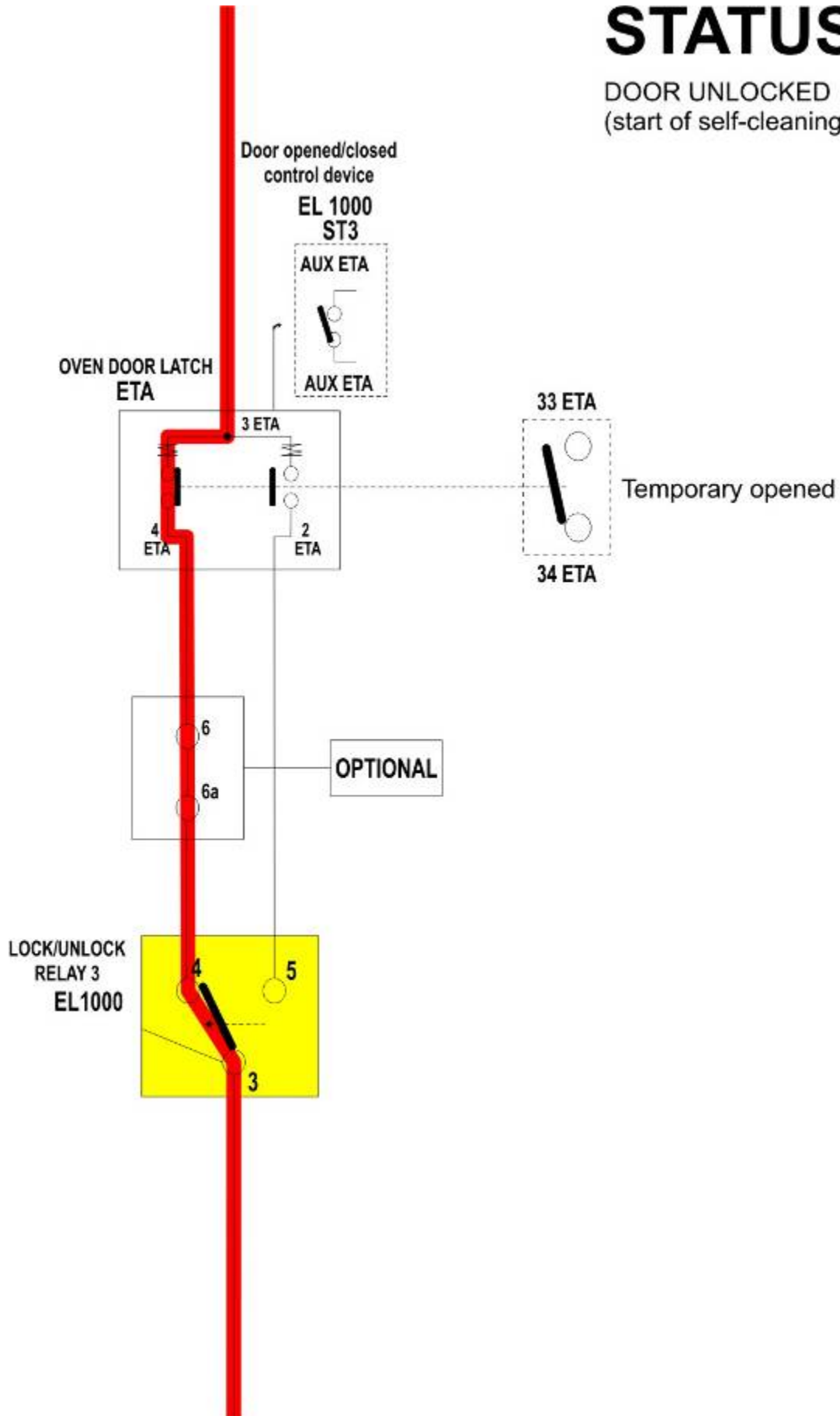
STATUS 1

DOOR UNLOCKED
(normal condition)



STATUS 2

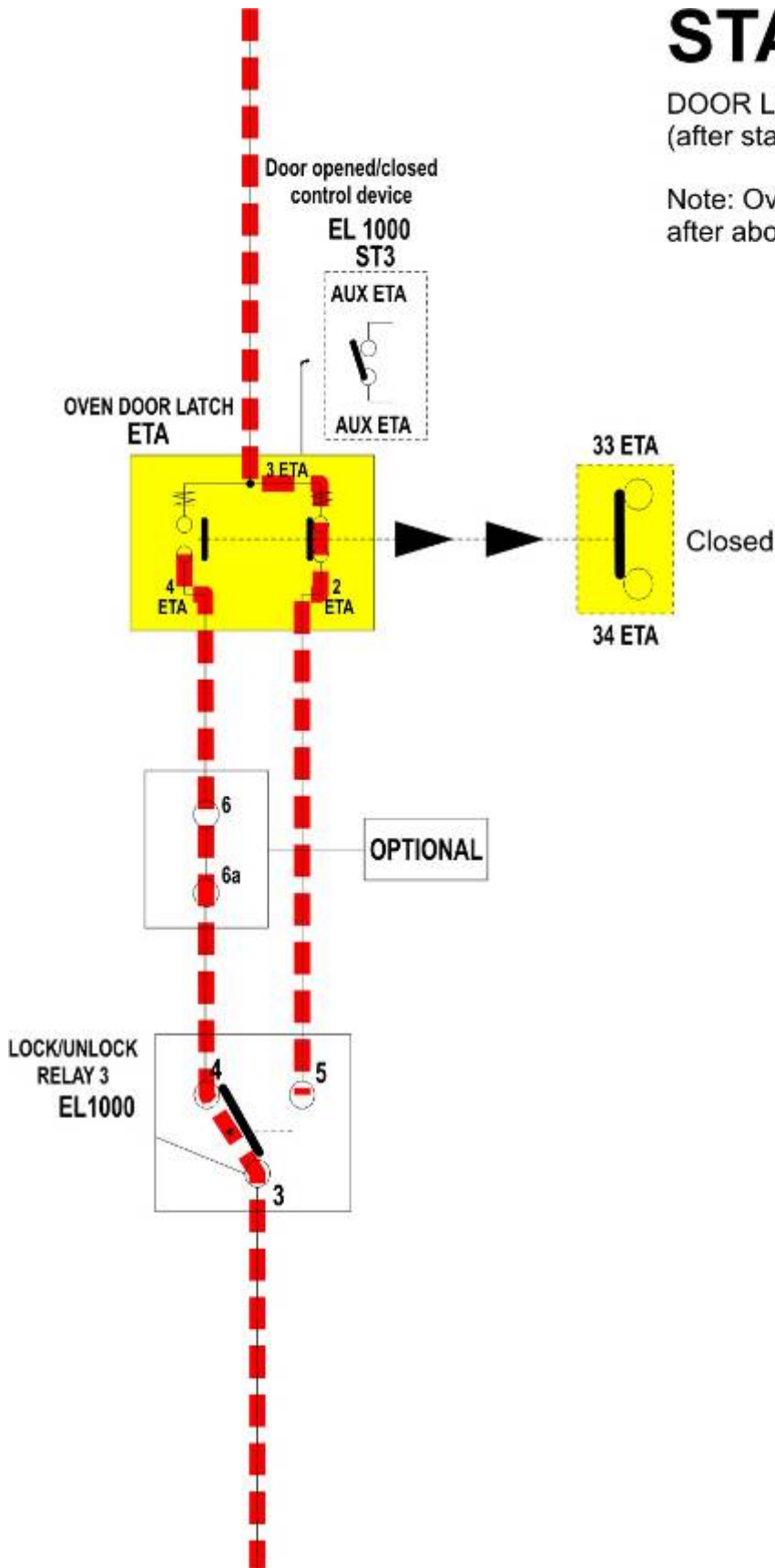
DOOR UNLOCKED
(start of self-cleaning mode)



STATUS 3

DOOR LOCKED
(after start of self-cleaning mode)

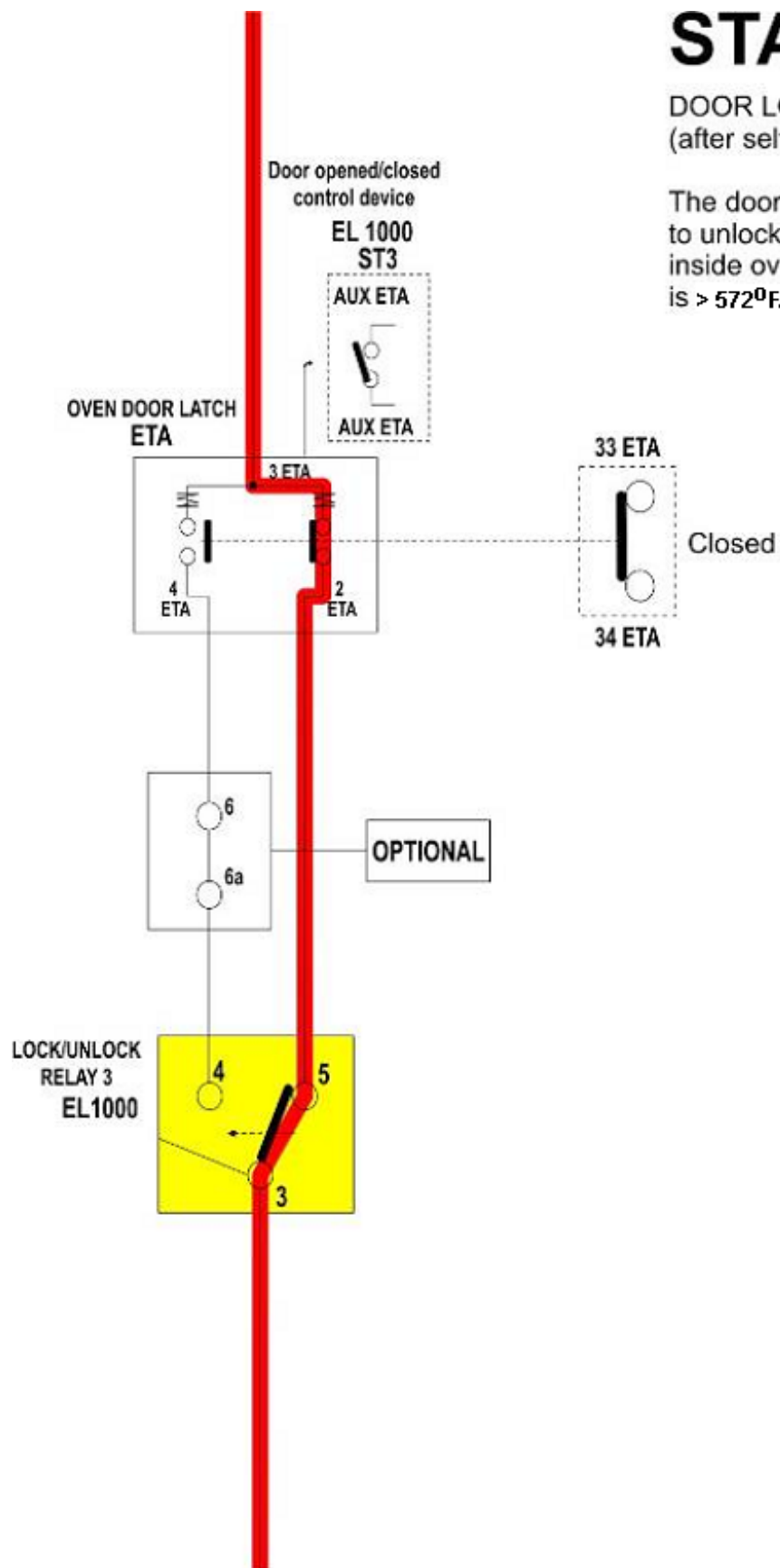
Note: Oven door becomes locked after about 60 seconds



STATUS 4

DOOR LOCKED
(after self-cleaning mode)

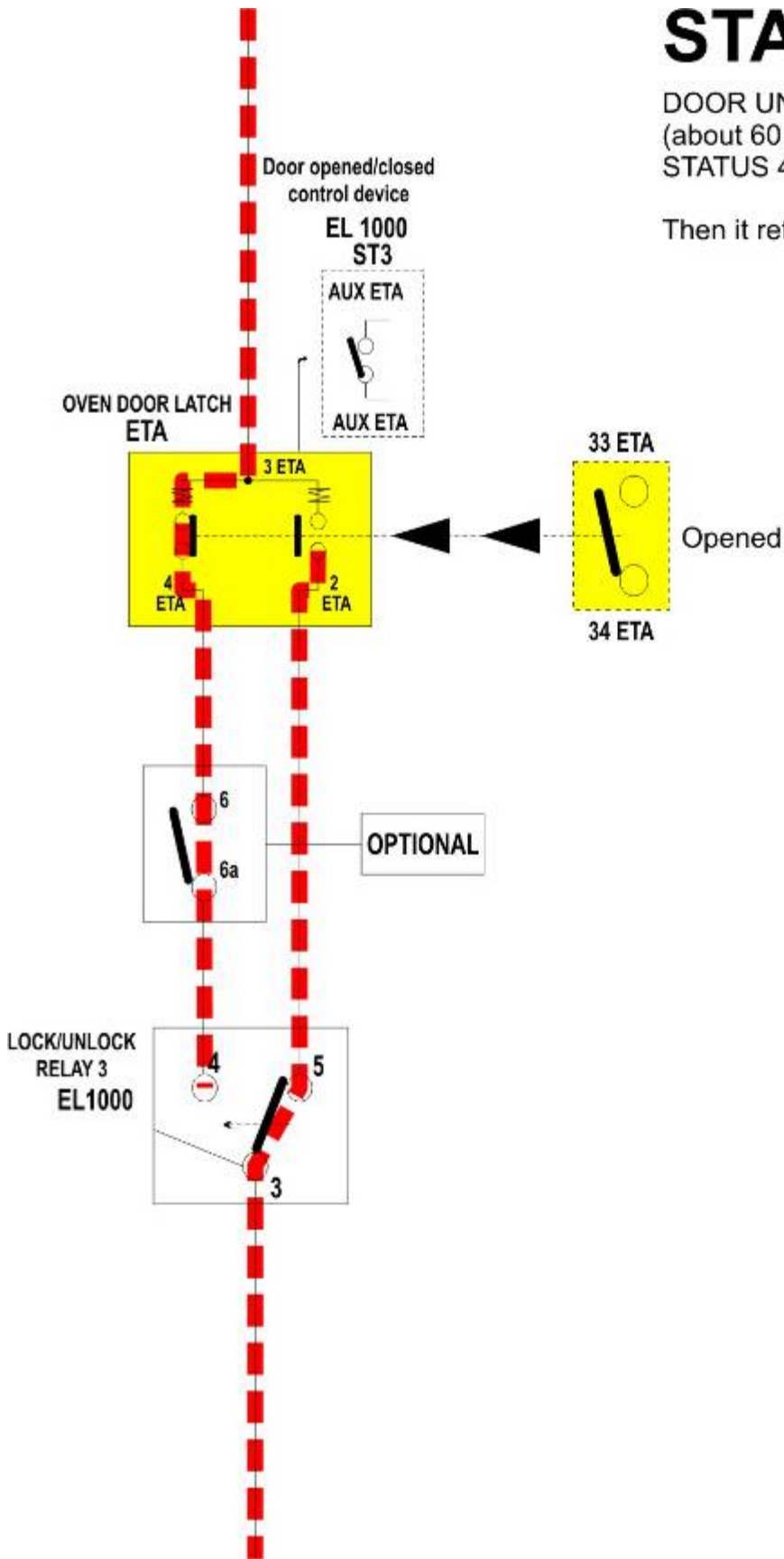
The door locking device starts to unlock the oven door when inside oven cavity temperature is $> 572^{\circ}\text{F}$.



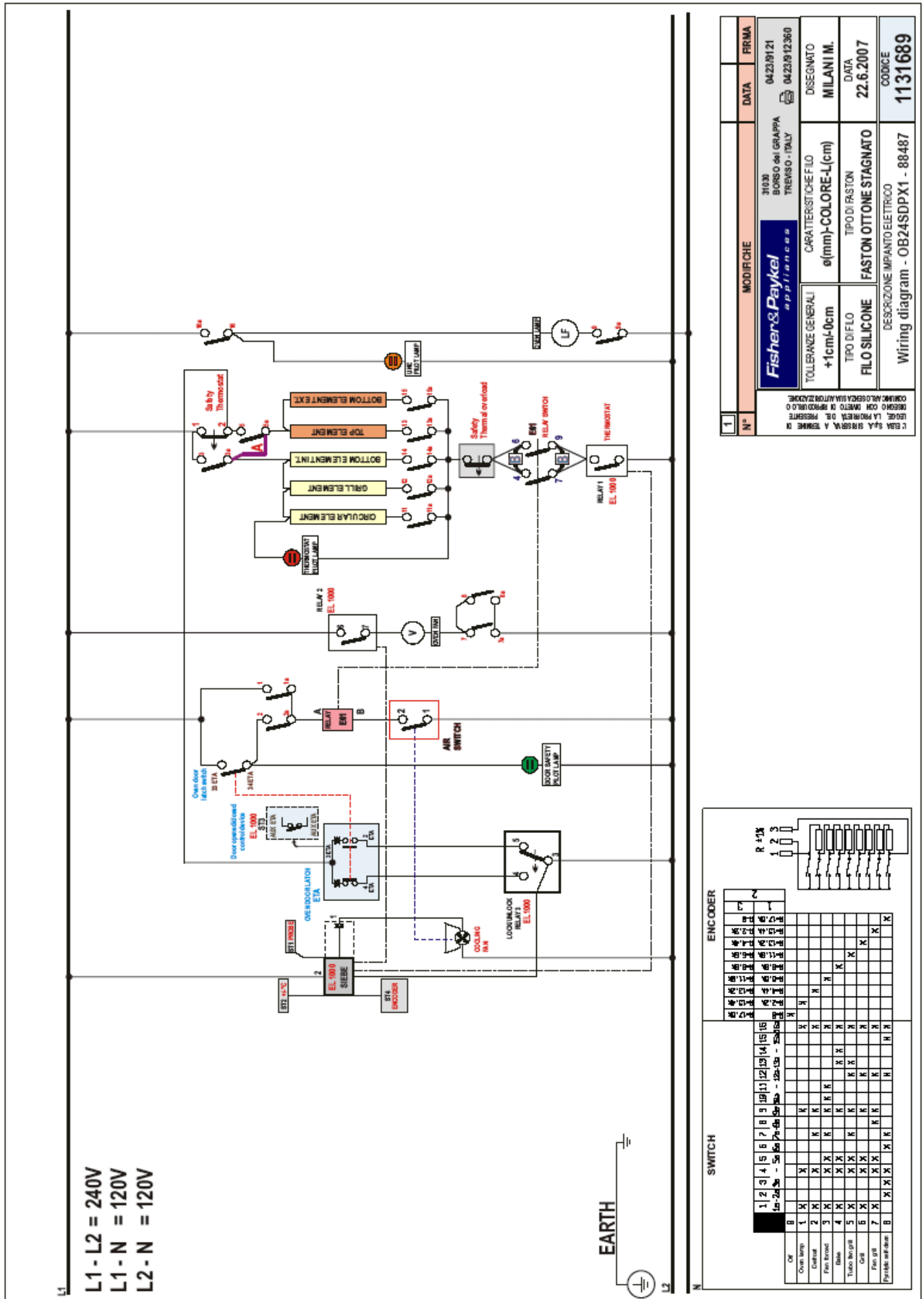
STATUS 5

DOOR UNLOCKED
(about 60 seconds after
STATUS 4)

Then it returns to STATUS 1



5.2 Wiring Diagram



MODIFICHE		DATA	FRIMA
N°	31030	BORSO del GRAPPA TRENTO - ITALY	04.23/91.21 04.23/91.2360
Fishers & Paykel <i>appliances</i>		CARATTERISTICHE FILO ø(mm)-COLORE-L(cm)	DISEGNATO MILANI IM.
TOLLERANZE GENERALI +1cm-0cm		TIPO DI FILO FILO SILICONE	DATA 22.6.2007
DESCRIZIONE IMPIANTO ELETTRICO Wiring diagram - OB24SDPX1 - 88487		CODICE 1131689	

DESCRIZIONE IMPIANTO ELETTRICO
 WIRING DIAGRAM - OB24SDPX1 - 88487
 C.S.A. S.p.A. SISTEMI A TERMINE IN
 LEGGE LA PROTEZIONE DEL PRESENTE
 DISEGNO CON OMOTERAPIA E PROTEZIONE
 CONTRO ALIQUOTA SUI AUTOMATIZZAZIONE

6 FAULT CODES

6.1 Electronic Oven Fault Codes

ABNORMAL SITUATIONS - ERROR CODES

In case of abnormal situations the oven is automatically switched off: only the cooling fan motor operates and on the programmer display, an error message code appears.

The oven is stalled.



If this condition disappears the oven returns in the stand-by (**OFF**) condition where the central programmer display is activated and the time is displayed.

If this condition does not disappear try to disconnect the oven from the mains and then reconnect.

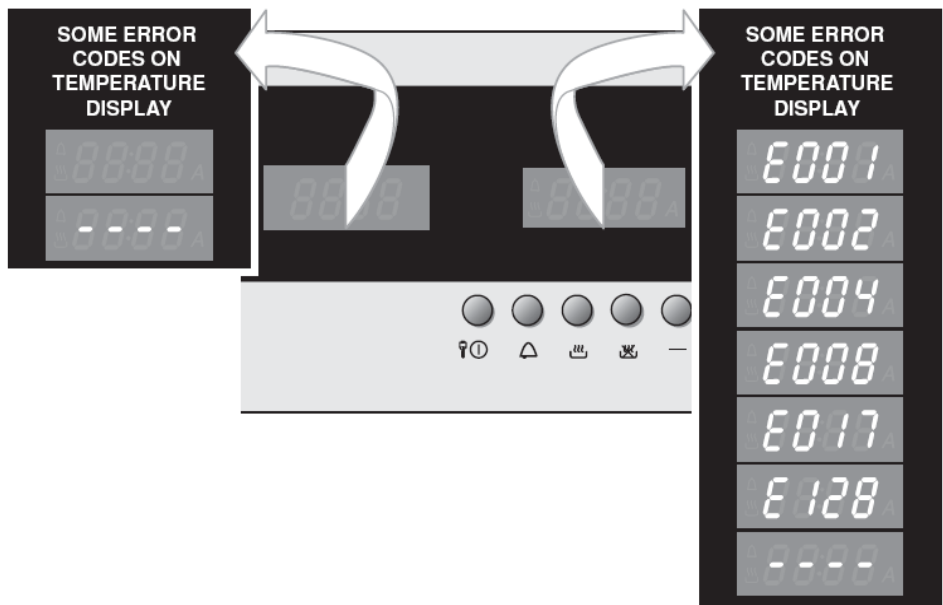
If the abnormal situation persists, disconnect the oven from the mains and contact the After-Sales Service.

IMPORTANT - "----" MESSAGE ON BOTH PROGRAMMER AND TEMPERATURE DISPLAYS

This indicates that the oven cavity is overheated. The oven is stalled and has to be activated as below:

- Open the oven door and let the cavity to cool.
- Press the two buttons “ ” simultaneously.
- Three zeroes “0:00” flash on the display; proceed as per first connection to the mains by setting the time of the day and then activating the oven programmer.

If this abnormal situation persists disconnect the oven from the mains and contact the After-Sales Service



MESSAGE ON CLOCK DISPLAY	VALUE OF THE ERROR	DESCRIPTION
E001	1	Oven cavity temperature probe in short circuit
E002	2	Not used on these models
E004	4	Not used on these models
E008	8	Not used on these models
----	16	Overheating on the oven cavity
E017	16+1	Overheating of oven cavity and temperature probe open circuit
E128	128	Error I2C from EEPROM
Exxx	a+b+c+	Condition with more failures at the same time: the xxx message indicates the addition of the single values a , b , c , of the single anomalies.

6.2 Pyrolytic Oven Fault Codes

PROBLEMS ON STARTING AND DURING THE PYROLYTIC CYCLE



1. Steady door

The function selector has been turned to the pyrolytic position with the oven door open or not perfectly closed. Or the door has been opened before the cycle has been started with confirmation from key 3

What to do:

Close the door and repeat the operations to start the cycle.

- If after 5 minutes the door has not been closed **door flashes and an audible signal sounds for 30"**.

What to do:

Close the door, press any programmer key to silence the audible signal and repeat the operations to start the cycle.



2. door with AUTO flashing

The oven door has been opened after the pyrolytic cycle has started. The pyrolytic cycle is zeroed.

What to do:

1. Close the door. **P0:00** appears on the electronic programmer display with the letter **P** and **AUTO** flashing.
2. Turn the function selector to **0** and repeat the operations to start the cycle.

- If after 5 minutes the door has not been closed **door flashes and an audible signal sounds for 30"**.

What to do:

Close the door, press any programmer key to silence the audible signal and repeat the operations to start the cycle..



3. F0.00 with AUTO flashing

The pyrolytic cycle has been stopped and then started again when it was quite a way through. The message is displayed after about 10 minutes and the pyrolytic cycle is zeroed.

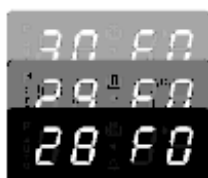
What to do:

1. Put the switch to **0**.
2. Wait for at least 15 minutes.
3. Repeat the operations to start the pyrolytic cycle.
4. If after several attempts the message continues contact the After-Sales Service Centre.

Caution: It is advisable not to stop the pyrolytic cycle and then start it again when it is quite a way through.

ABNORMAL SITUATIONS AND/OR OPERATION PROBLEMS

During cooking or the pyrolytic cycle



1. **30 F0** or **30 F1** appear during the cooking or pyrolytic cycle

Oven temperature sensor broken or not working properly. The cooling fan stays on and if the pyrolytic cycle is in progress the door remains locked.

What to do:

1. Turn the oven function selector to **0** (oven OFF). A 30 minute countdown will start. If the selector is turned and then returned to **0** the count will start again from 30.
2. Wait for the countdown to finish. The fan switches off and the door, if locked, unlocks.
3. Disconnect the oven from the mains and contact the After-Sales Service Centre because the oven can no longer be used.

Caution: If the function selector is not turned to **0** (oven OFF), the cooling fan will continue to work and the oven door, if locked, remains locked.



2. **do.Lo** appears during the pyrolytic cycle

2a. There has been a black-out.

The oven door is locked. The programmer is zeroed and the **pyrolytic** cycle cancelled.

What to do:

1. Turn the oven function selector to **0** (oven OFF).
2. Wait for the oven cavity to cool down. When the temperature has dropped **12.00** will flash on the display.
3. Start again and set the programmer time.
4. Start the **pyrolytic** cycle again.

2b. The oven function selector has been moved from the **pyrolytic** function to a cooking function.

The **pyrolytic** cycle is cancelled.

What to do:

1. Wait for the door to unlock. This happens automatically when the temperature inside the oven has dropped below 300°C; **P0.00** will appear with **P** flashing.
2. Turn the function selector to **0** (oven OFF),
3. Repeat the operations to start the **pyrolytic** cycle.

2c. The oven function selector has been moved to **0** (oven OFF) to cancel the **pyrolytic** cycle.

What to do:

1. Wait for the door to unlock. This happens automatically when the temperature inside the oven has dropped below 572°F.
2. The time appears and the oven can be used.



3. *do.Lo* appears during cooking

Oven not working properly.

What to do:

1. Turn the function selector to **0** (oven OFF),
2. Wait for the oven to cool down completely so that the door opens
3. Disconnect the oven from the mains.
4. Call the After-Sales Service Centre.



4. Display OFF

Oven not working properly.

What to do:

1. Turn the function selector to **0** (oven OFF)
2. Wait for the oven to cool down completely so that the door opens
3. Switch the oven off for a few seconds.

If after this procedure the display is still off:

4. Disconnect the oven from the mains.
5. Call the After-Sales Service Centre. The oven must not be used.

A green rectangular box containing the text 'F2' in white.

If F2 is shown in the display, this indicates that the transistor for relay 1 is short circuit or that the supply voltage is less than 150 Volts.

The appliance should be turned off for 1 minute and then turned back on.

If the F2 indication is still being shown, then the electronic programmer will need to be replaced.

7 WARRANTY

- 2 Year warranty.
- Does not cover:
 - Incorrect installation.
 - Incorrect use.
 - Damage by pests and vermin.
 - Other than normal domestic use.
 - Normal user maintenance.

