

FAULT 01



Motor driving triac short-circuited

STATE	CORRECTIVE ACTIONS	INTERVENTION TO BE PERFORMED
The machine signals an alarm Door-lock led flashes quickly It fills and drains continuously	Check for water leaks that may affect connector J9.	- Stop up eventual water leaks, dry the board
	Check the motor terminal board (possible problems due to chemical residues, like grease, which may cause a short-circuit or a bad contact).	- Clean the motor terminal board and the wiring on the side of the motor from eventual chemical residues.
		- Replace the main board

FAULT 02



Motor blocked, motor tachometric open/short-circuited

STATE	CORRECTIVE ACTIONS	INTERVENTION TO BE PERFORMED
The machine signals an alarm Door-lock led flashes quickly It fills and drains continuously	Check if the motor is blocked , making it run by hand.	- Replace the motor.
	Check the efficiency of contacts on board connector J9 and the motor.	- Clean the contact and tighten the connector.
	Check tachometric winding J9 pin 1 and 2; the resistance must be between 115 and 170 Ohm.	- Replace the motor.
	In case of a three-phase motor, verify if J9 pin 6 and 7 (thermal-protector) is closed when the motor is cold.	- Replace the motor.
		- Replace the main board.

FAULT 03



Wash NTC sensor open/short-circuited or wash heater relay stuck (signalled on full position)

STATE	CORRECTIVE ACTIONS	INTERVENTION TO BE PERFORMED
The machine signals an alarm Door-lock led flashes quickly It fills and drains continuously	Check the efficiency of the connector J8 on the board and on NTC.	- Clean the contacts of connector J8 and tighten the connector.
	Check NTC (the value of resistance is 20 Kohm at a temperature of 20 °C)	- Replace NTC.
	Warm the NTC rubbing it, check if resistance value lowers.	- Replace NTC.
	Check continuity of wiring J8 pin 11 and 12.	- Replace wiring.
		- Replace the main board.
	REMARK. This fault may occur when the EEPROM is faulty of not programmed. After having checked all, replace the EEPROM if the fault occurs again.	

FAULT 04



Empty pressure switch + overflow simultaneously. If a pressure switch contact is blocked on empty position, the wm fills with water up to reach the overflow. The overflow contact automatically puts in operation the drain pump.

STATE	CORRECTIVE ACTIONS	INTERVENTION TO BE PERFORMED
The machine signals an alarm Door-lock led flashes quickly It fills and drains continuously	Check the efficiency of the board connector J3 and pressure switch.	- Clean the contacts and tighten connectors.
	Check if there are eventual damages on the wiring of the connector J3 to the pressure switch.	- Replace wiring.
	Check the state of the pressure switch ; check continuity between pin 2 and 4 of J3 (empty tank) and between pin 1 and 2 of J3 (overflow).	- Replace the pressure switch.
		- Replace the main board.