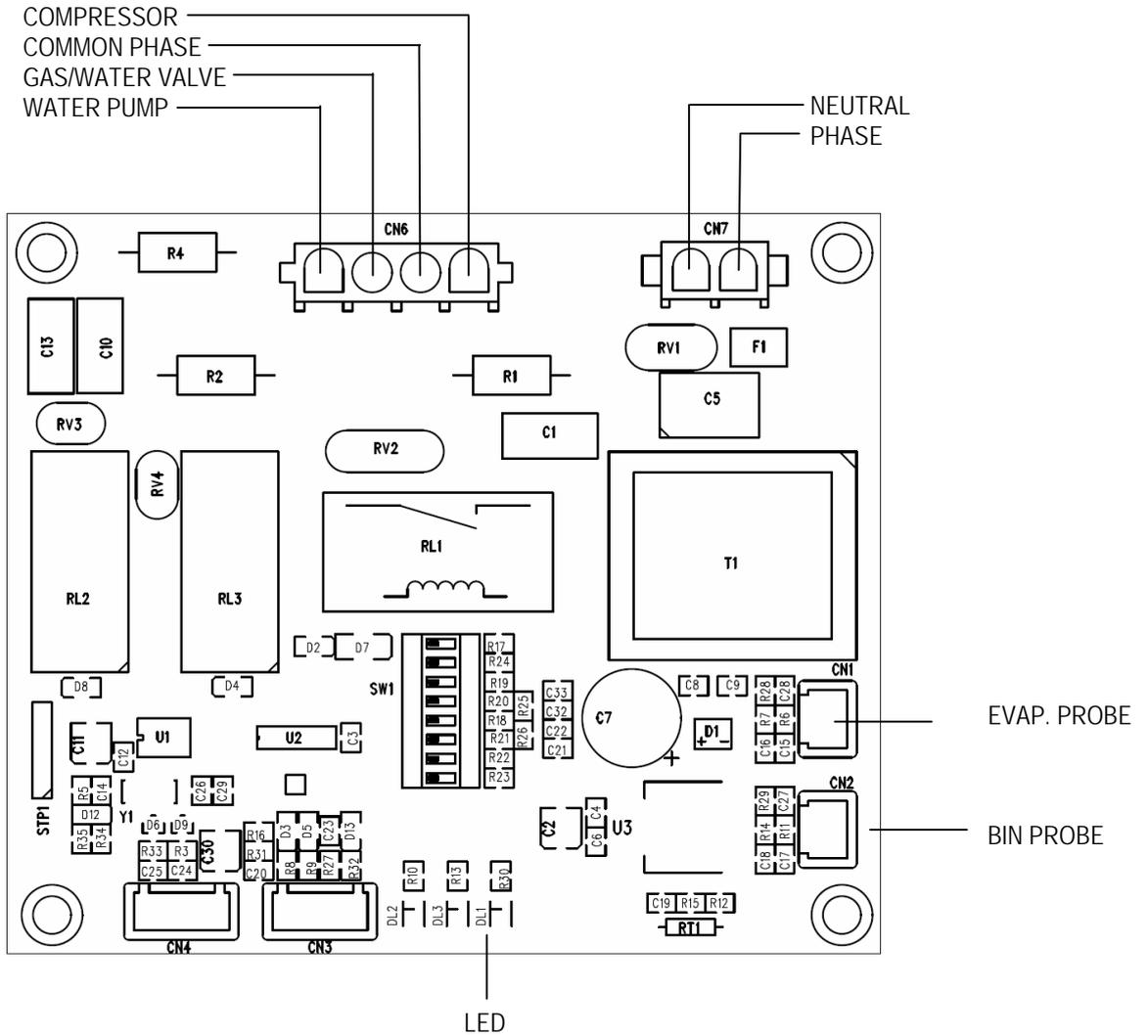


# MX MODELS ELECTRONIC CONTROL



## NORMAL OPERATION MODE

LED STATUS			DESCRIPTION OF FUNCTIONS
GREEN	YELLOW	RED	<b>FIRST 5 MINUTES FOR WATER TANK FILL.</b> During this 5 minutes, water and hot gas valve are ON.
FLASH		FLASH	<b>FREEZING CYCLE.</b> During this period, the machine is freezing the evaporator. Time temperature and probes are ok. Compressor and water pump are ON.
FLASH			<b>DEFROST CYCLE.</b> During this period, the machine is defrosting the evaporator. Time temperature and probes are ok. Compressor, water valve and hot gas valve are ON.
FAST FLASH			<b>ICE TANK FULL.</b> During this period the machine is off, because the ice tank is full. The temperature for stop is regulated automatically from the board. The machine stop at 2°C at 5°C ambiente and 5°C at 43°C ambiente.

## ERROR IDENTIFICATIONS

LED STATUS			DESCRIPTION OF FUNCTIONS
GREEN	YELLOW	RED	
	1 FLASH	ON	<b>COOLING CYCLE ERROR</b> After 20 minutes for big machines or 40 minutes for smaller machines (Dip switch 4) if the evaporator probe doesn't read the temperature chosen by dip switch 8, the board goes into add cooling time and the led status is like in figure.
	2 FLASH	ON	<b>DEFROST CYCLE ERROR</b> After 5 minutes of defrost, if the evaporator probe don't read a temperature of 0°C, the board goes automatically into defrost add time and the led status is like in figure.
	1 FLASH		<b>EVAPORATOR PROBE ERROR</b> If during the cycle the board is not able to read the evaporator temperature, the board work like the cooling cycle error but the led status is like in figure.
	2 FLASH		<b>ICE BIN PROBE ERROR</b> If during the cycle the board is not able to read the bin temperature, the board goes into "3 programmed cycles". During this 3 programmed cycles, the machine make 3 cycle and then it stops. If the user turn off and turn on the machine, there will be other 3 cycle.
	3 FLASH		<b>GENERAL BOARD ERROR</b>
	4 FLASH		<b>GENERAL BOARD ERROR</b>
	5 FLASH		<b>3 PROGRAMMED CYCLES</b> When the program "3 PROGRAMMED CYCLE" is working, the led status is 5 flash yellow.
LAMP			<b>END OF 3 PROGRAMMED CYCLES</b> After the "3 programmed cycles", the machine will stops and the green led will lamp