10/10/2019

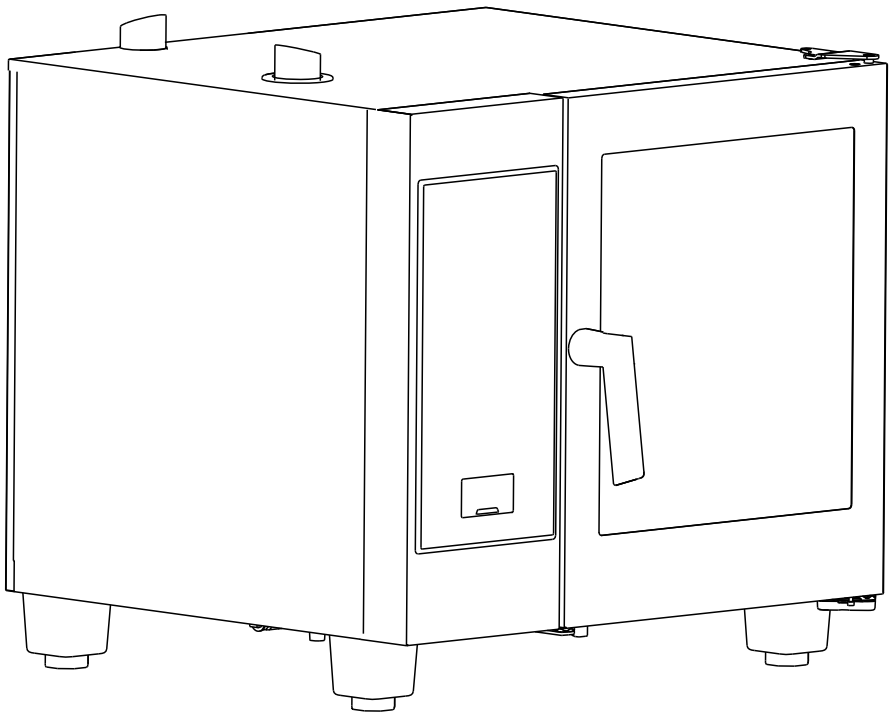
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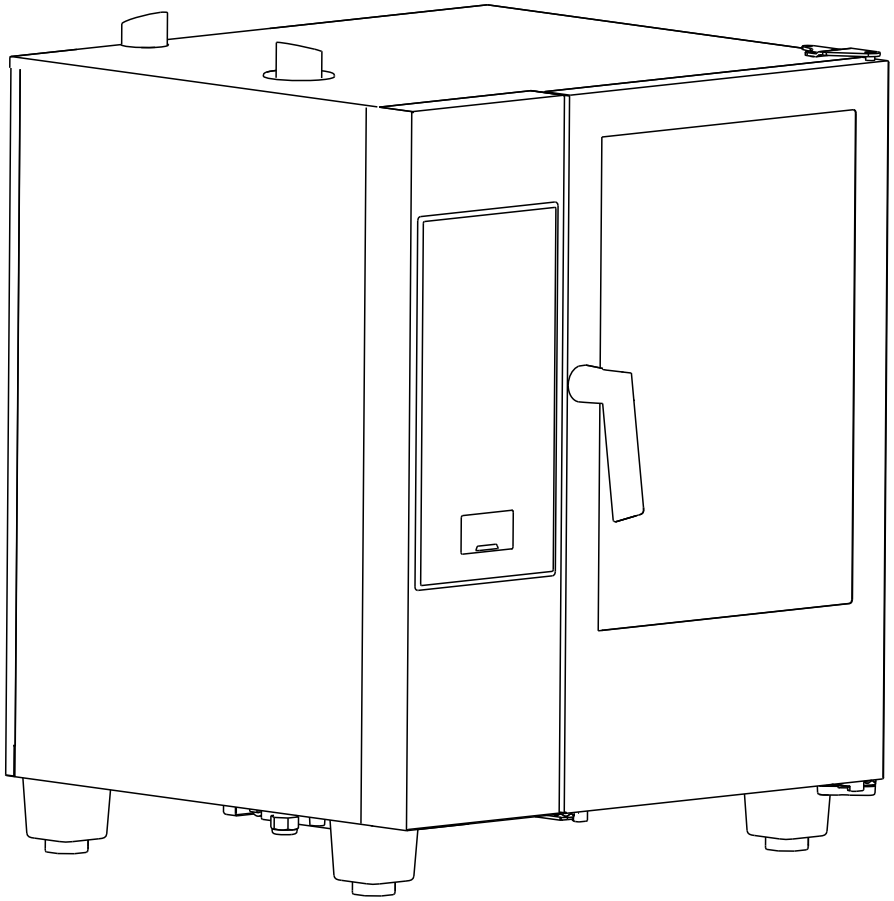
Diamond

GAS OVENS

Electrical Documentation



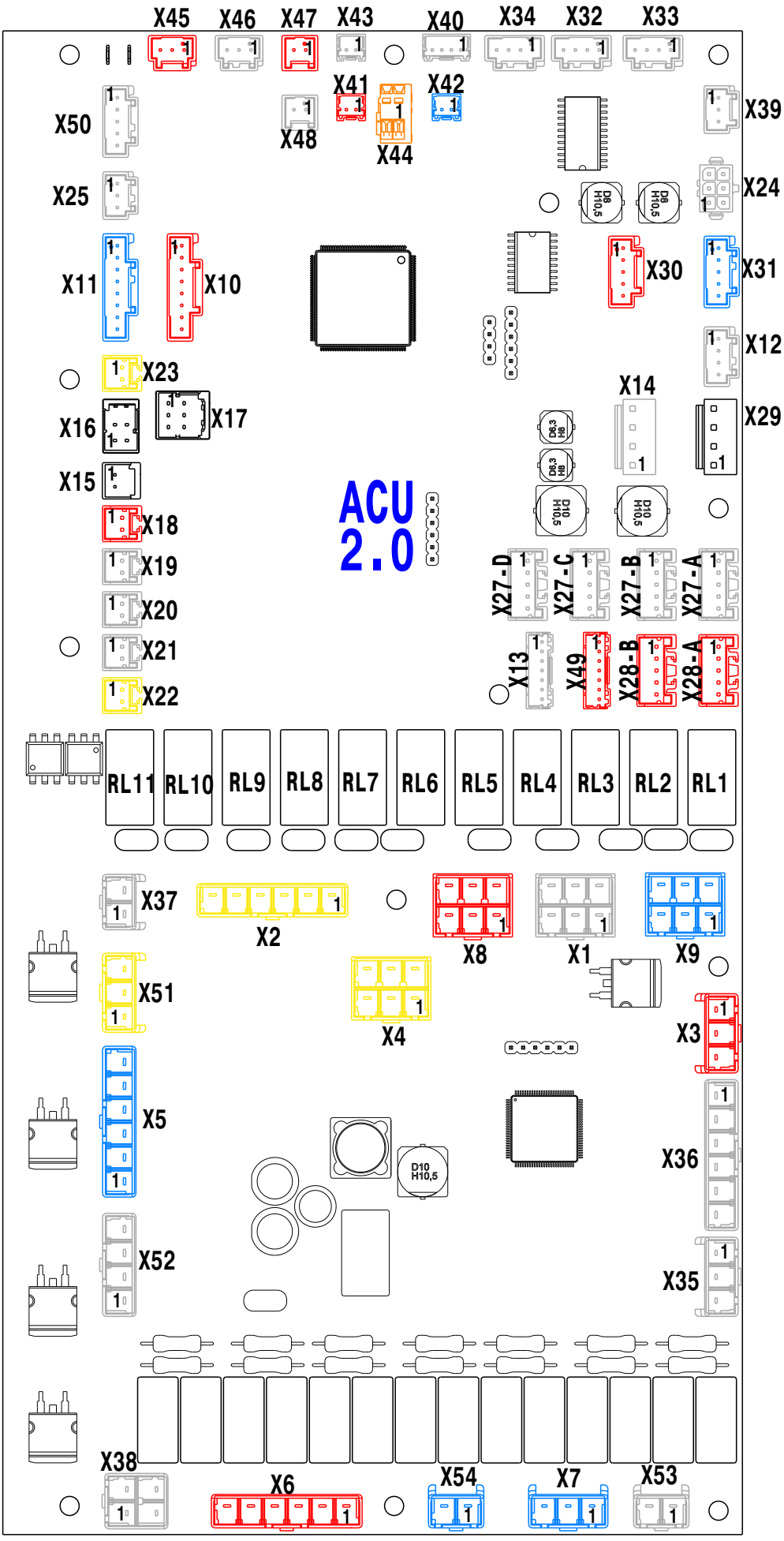
6 1/1
&
6 2/1



10 1/1
&
10 2/1

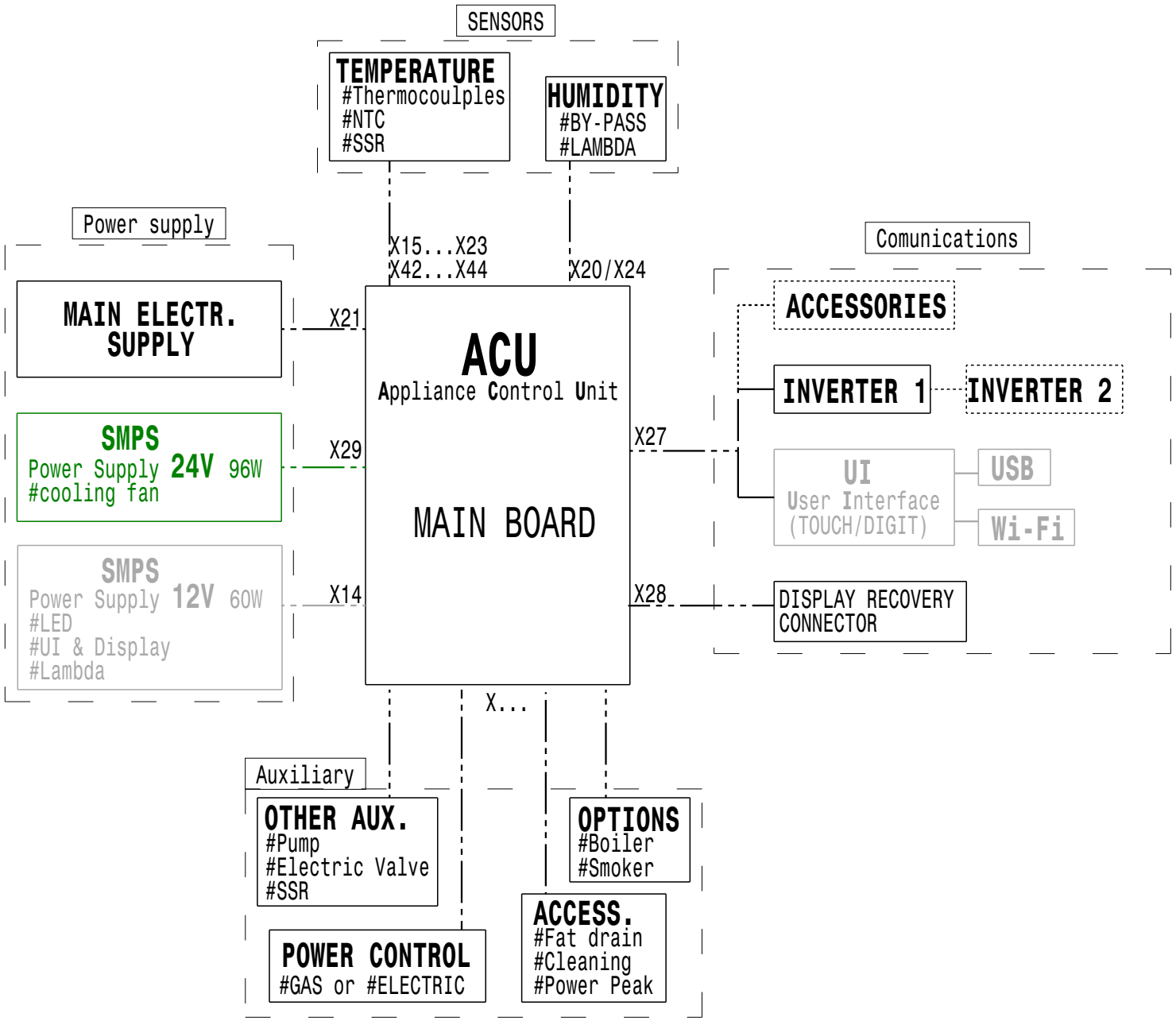
ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM	From S/N :	N°: 602402P00

MAIN BOARD ACU 2.0 "Columbia"

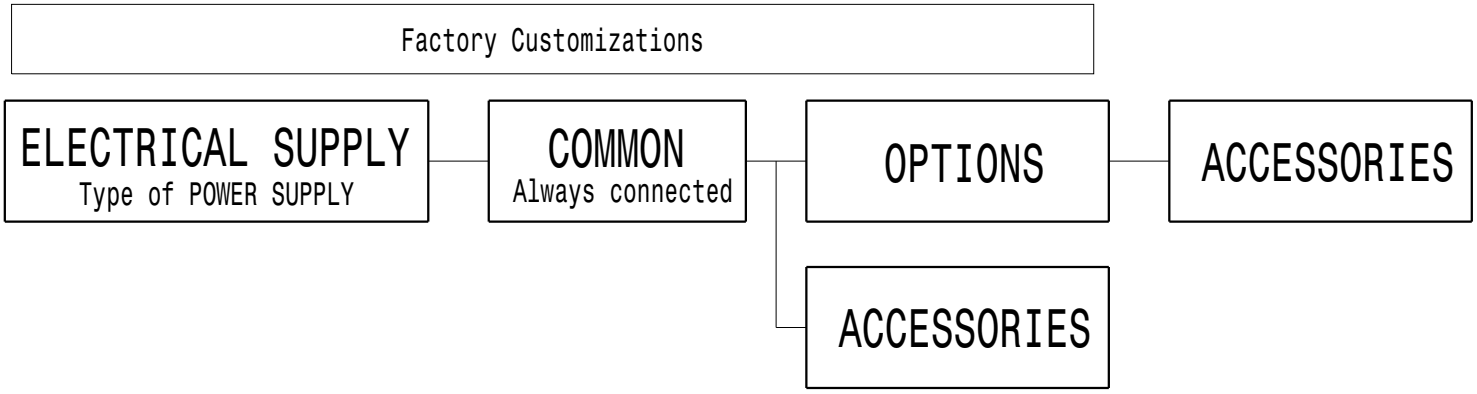


ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM	From S/N :	N°: 602402P00

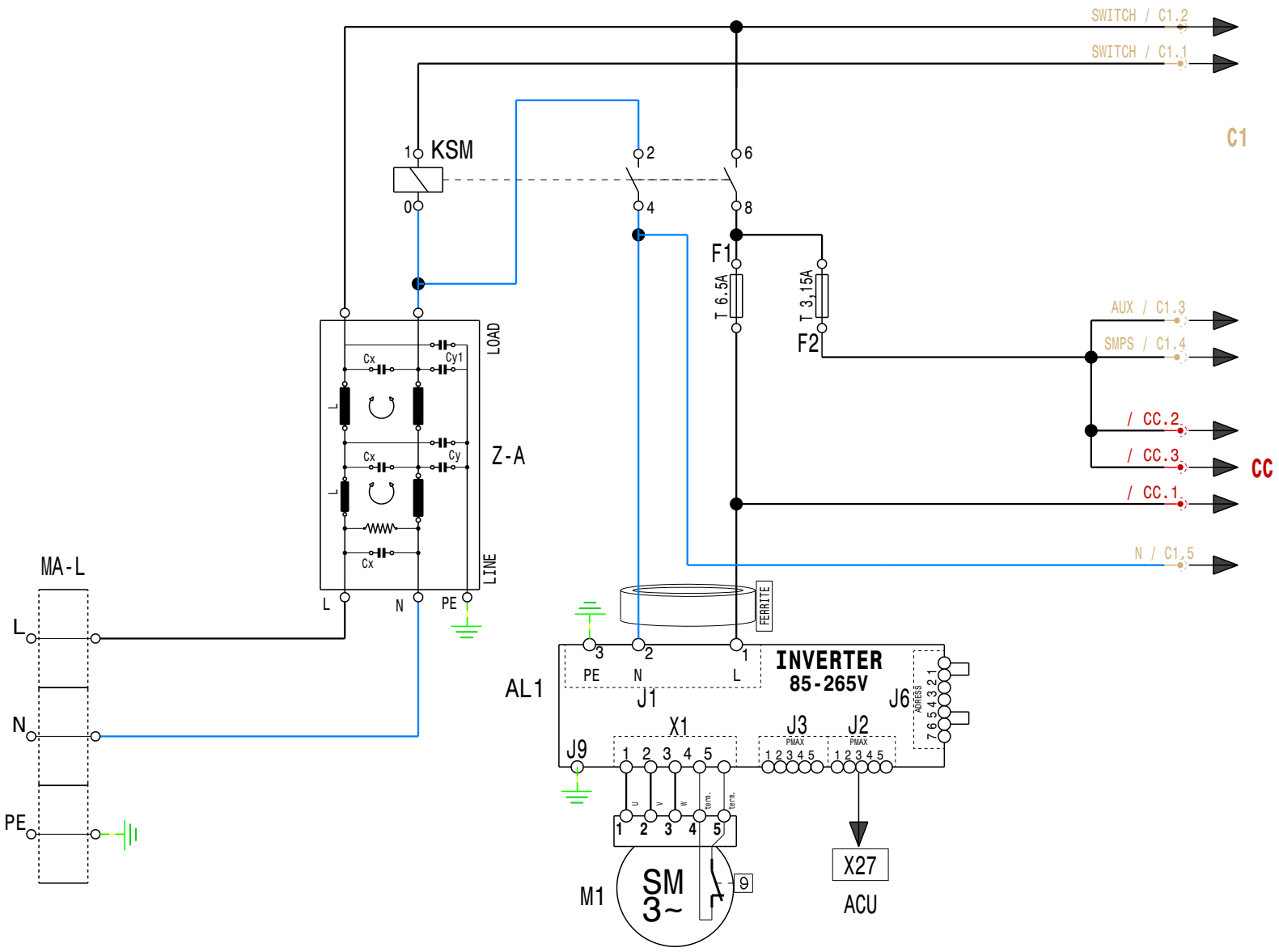
LOGIC DIAGRAM



HARNESS DIAGRAM

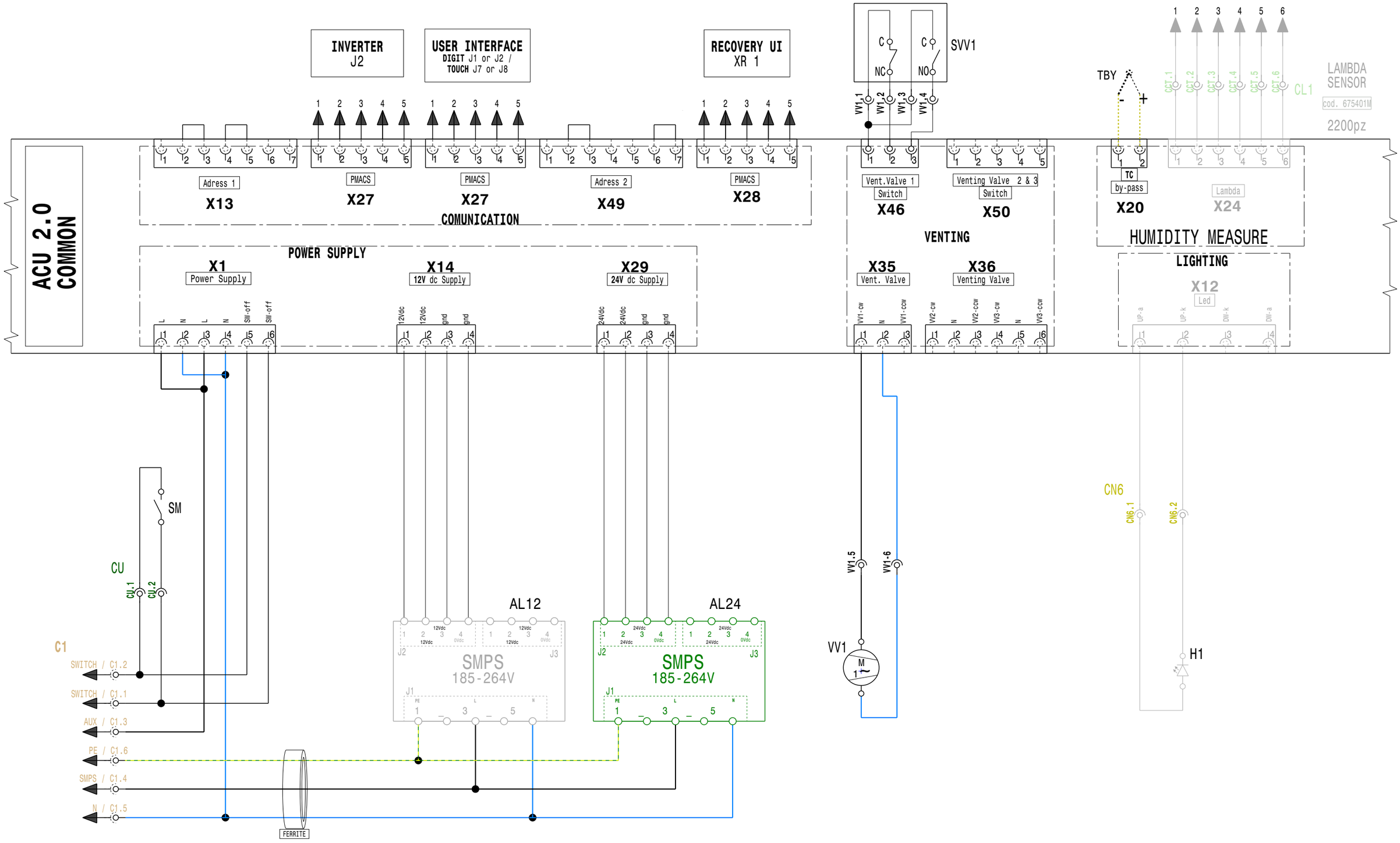


ELECTRICAL SUPPLY 230V - 1N - 50Hz "GAS"



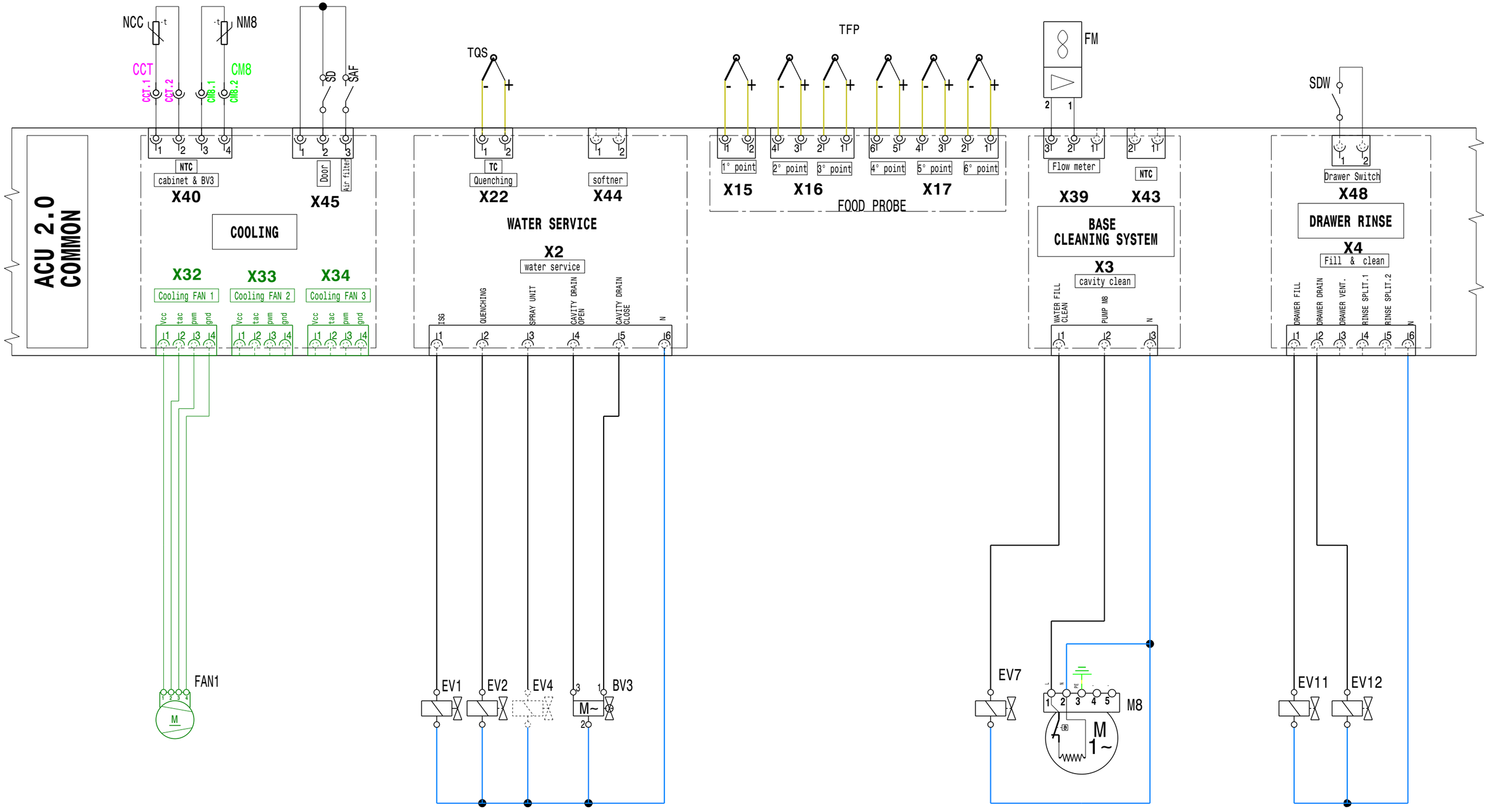
MA-L	Terminal Block	**Z-A**	AUX EMI FILTER	**AL1**	Terminal Block	**F1**	INVERTER FUSE	-	-	-	-
-	-	**KSM**	ON/OFF RELAY	**M1**	Terminal Block	**F2**	AUX FUSE	-	-	-	-
-	-	-	-	-	-		ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM	From S/N :		N°:	602402P00

COMMON Pg. 1/2



	- -	- -	- -	**VV1** UPPER VENTING VALVE	**TBY** TERMOCOUPLE BY-PASS
- -	- -	- -	- -	**SVV1** SWITCH UP VENT. VALVE	**H1** LED BAR
SM MAIN SWITCH	**Z-AL12/24** SMPS FERRITE	**AL12** SMPS 12V	**AL24** SMPS 24V	ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM	From S/N :	N°: 602402P00

COMMON Pg. 2/2

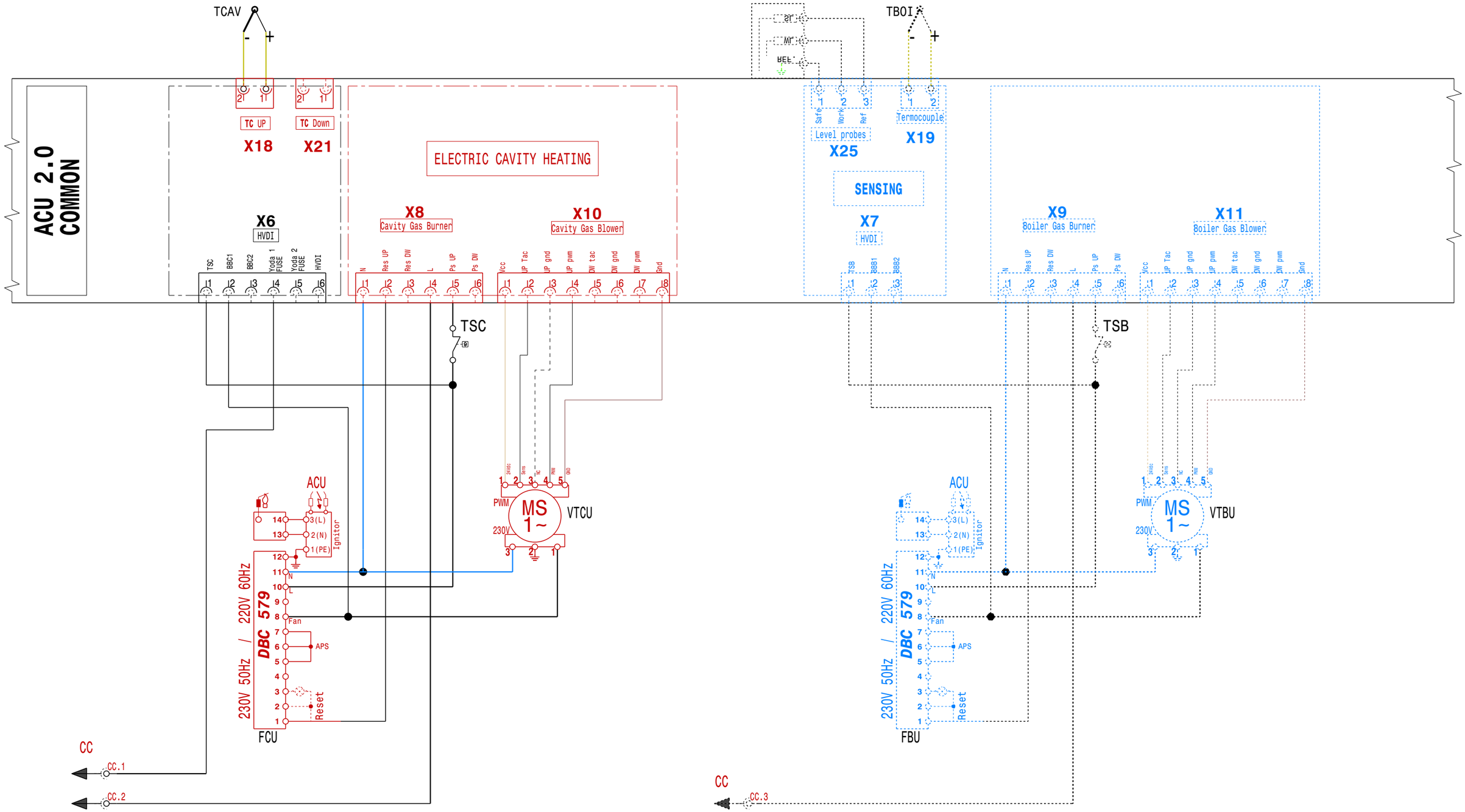


-	-	**BV3**	CAV.DRAIN BALL VALVE	**TQS**	TERMOCOUP.QUENCING	**TFP**	FOOD PROBE	**FM**	FLOW METER	**SDW**	SWITCH DRAWER
FAN1	COOLING FAN (FRONT PANNEL)	**EV1**	HUMIDIF. ELEC. VALVE	**NM8**	NTC SENSOR PUMP M8	-	-	**EV7**	CLEANING WATER FILL VALVE	**EV11**	DRAWER FILL VALVE
-	-	**EV2**	QUENCH. ELEC. VALVE	**NCC**	NTC SENSOR COMP.CABINET	**SAF**	SWITCH AIR FILTER	**M8**	CLEANING PUMP	**EV12**	DRAWER DRAIN VALVE
-	-	**EV4**	SPRY UNIT ELEC. VALVE	**NBV3**	NTC SENSOR BV3	**SD**	SWITCH DOOR	ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM		From S/N :	N°: 602402P00

SPECIFIC "GAS"

GAS CONVECTION

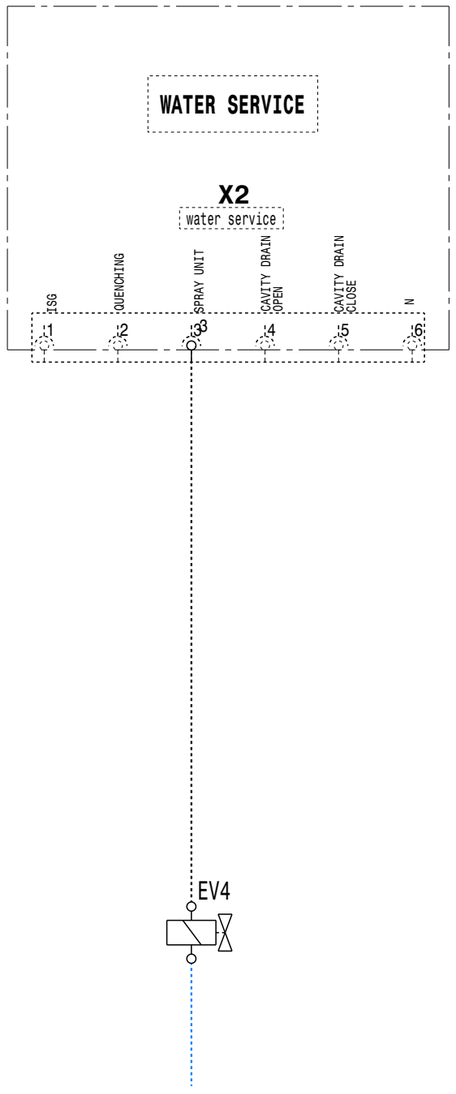
GAS BOILER (OPTION)



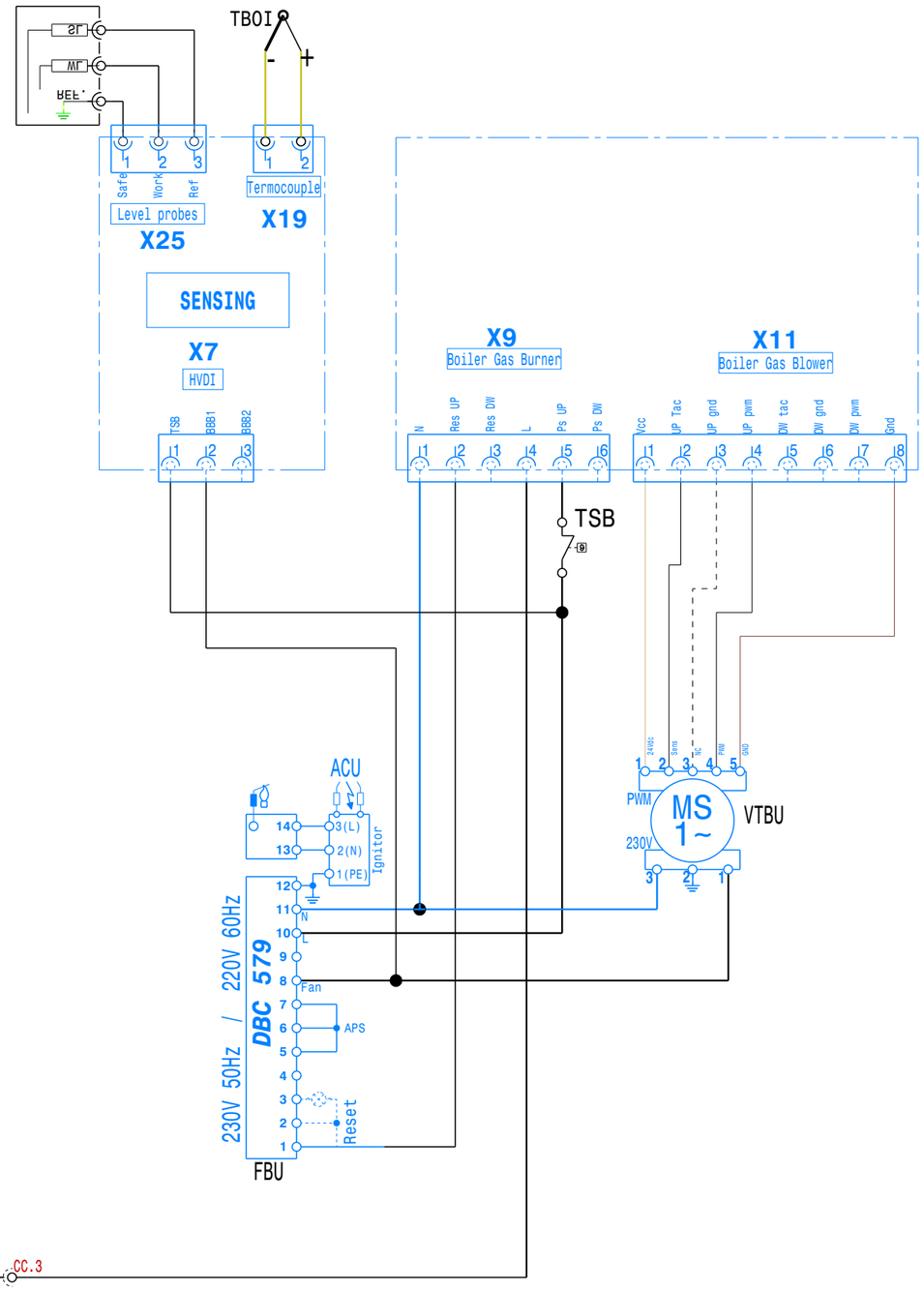
FAN1	COOLING FAN (FRONT PANNEL)	**EV1**	HUMIDIF. ELEC. VALVE	**BV3**	CAV.DRAIN BALL VALVE	**TSC**	CAVITY SAFETY THERMOST.	**EV7**	CLEANING WATER FILL VALVE	**EV11**	DRAWER FILL VALVE
-	-	**EV2**	QUENCH. ELEC. VALVE	**KC1**	CAVITY 1 (HALF POWER)	-	-	**M8**	CLEANING PUMP	**EV12**	DRAWER DRAIN VALVE
-	-	**EV4**	SPRY UNIT ELEC. VALVE	**KC2**	CAVITY 2 (HALF POWER)	-	-	ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM		From S/N :	N°: 602402P00

OPTIONS "GAS"

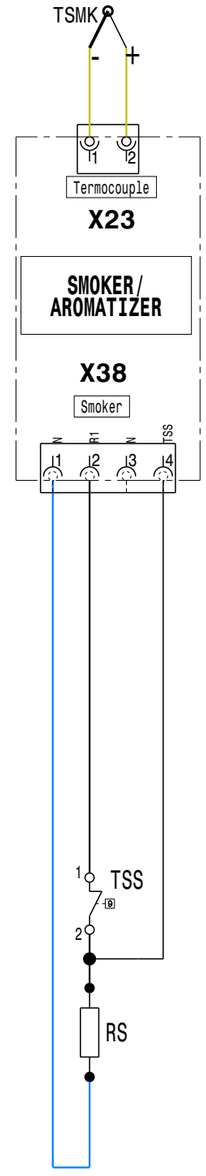
SPRY UNIT



GAS BOILER (OPTION)



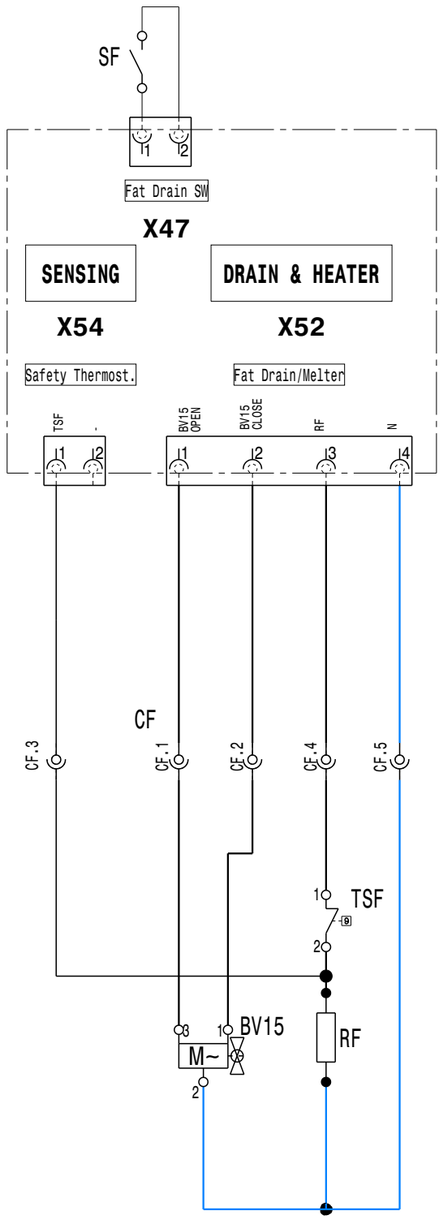
SMOKER/AROMATIZER



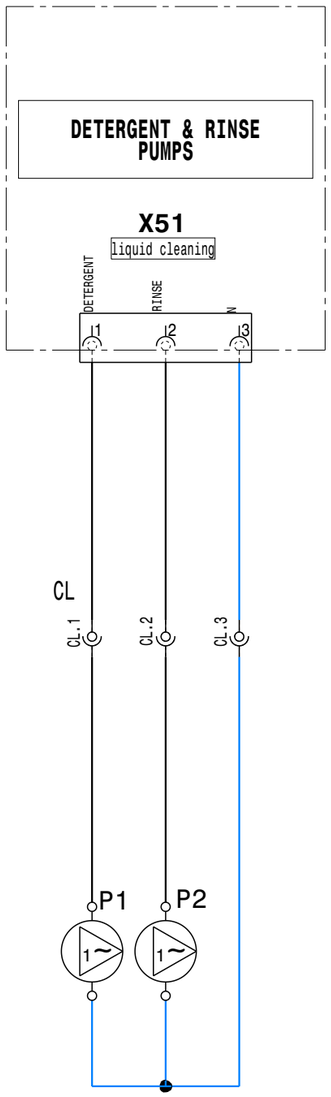
	-	-	**EV5**	BOILER FILL VALVE	**KB1**	BOILER 1 (HALF POWER)	**TSB**	BOILER SAFETY THERMOSTAT	**TSS**	SMOKER SAFETY THERMOSTAT
-	-	-	**EV10**	BOILER CLEANING VALVE	**KB2**	BOILER 1 (HALF POWER)	-	-	**RS**	SMOKER HEAT ELEMET
EV4	SPRAY UNIT	-	**BV6**	BOILER DRAIN BALL VALVE	-	-	ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM		From S/N :	N°: 602402P00

ACCESSORIES "GAS"

FAT DRAIN SYSTEM



CLEANING SYSTEM "LIQUID"



- -	**TSF** FAT DRAIN SAFETY THERMOSTAT	**P2** RINSE PUMP	- -	**MA-PP** TERMINAL BLOCK PEAK POWER MANAGEMENT	
BV15 FAT DRAIN BALL VALVE	**RF** FAT DRAIN HEAT ELEMENT	**P1** DETERGENT PUMP	- -	ELECTRIC DIAGRAM 6/10 "GAS" 230V 1N CKM	From S/N : N°: 602402P00