MECATHERM

Manufacturer of ovens and bakery machinery

Constructeur d' équipements pour la boulangerie industrielle

Customer :

LINWOODS

LINWOODS HEALTH FOODS
190 Monaghan Road
ARMAGH
BT60 EZ
GBR

	Tension nominale	Rated voltage	400 V
	Intensité nominale	Rated current	71 A (49kVA)
	Nombre de phases	Phases number	3PH (TNC)
	Fréquence	Frequency	50 Hz
	Intensité de court-circuit	Rated short time current	10 KA

Oven FDA
Four FDA

P0400321

Project : N° 14-0274

Layout : N° G-14-0274

Modif.					
A	05/01/15(FS)	Drawn	STEINMETZ F.	MECATHERM	0033 (0) 3388474300 / 0033 (0) 3388474303 / F- 67133 Barembach
		Checked			
		Norm			
		Date	09/12/14		

N° 1433B | Sheet 0 | Next 1 | Nbr.Pg. 61

Specifications

Material

Panel :	RITTAL TS8
Dimensions :	(2 x 800) x 1800 x 400
Sheet metal :	RAL 7035
Height base :	200mm
Low voltage :	Siemens
PLC :	Siemens
Safety relay :	Pilz
Button :	Telemecanique
Terminal :	Weidmuller

Wiring

According to CE norm

Norm

CE

Language

Anglais

Options

Régime du neutre TNC
Prévoir presse étoupe alimentation principale

Equipment legend

BR	Burner
AU	Emergency stop
SP	Safety switch
LV	Safety line
KP	Safety relay
D	Inductive detector, Capacitive detector
C	Photocell
FDC	Limit switch
P	Pressostat
A	Encoder
CA	PLC card, Speed Drive card
ET	PLC card
H	Light
K	Relay
KM	Contactor
M	Motor
P	Plug
Q	Circuit breaker
QM	Motor circuit breaker
R	Heaters, Regulator
S	Button
T	Power supply, Transformer
V	Speed drive
W	Wire
X	Terminal
Y	Solenoid
Z	Filter

Wire colors

+ 24V DC	Dark blue
- 24V DC	Dark blue
+ 24V AC	Red
- 24V AC	Red
Phase 230V AC	Black
Neutral	Light blue
Phase 230V AC after isolating transformer	Red
Neutral after isolating transformer	White
Phase 400V	Black
External voltage	Orange
Earth	Green/Yellow
PLC input	Dark blue
PLC output	Dark blue

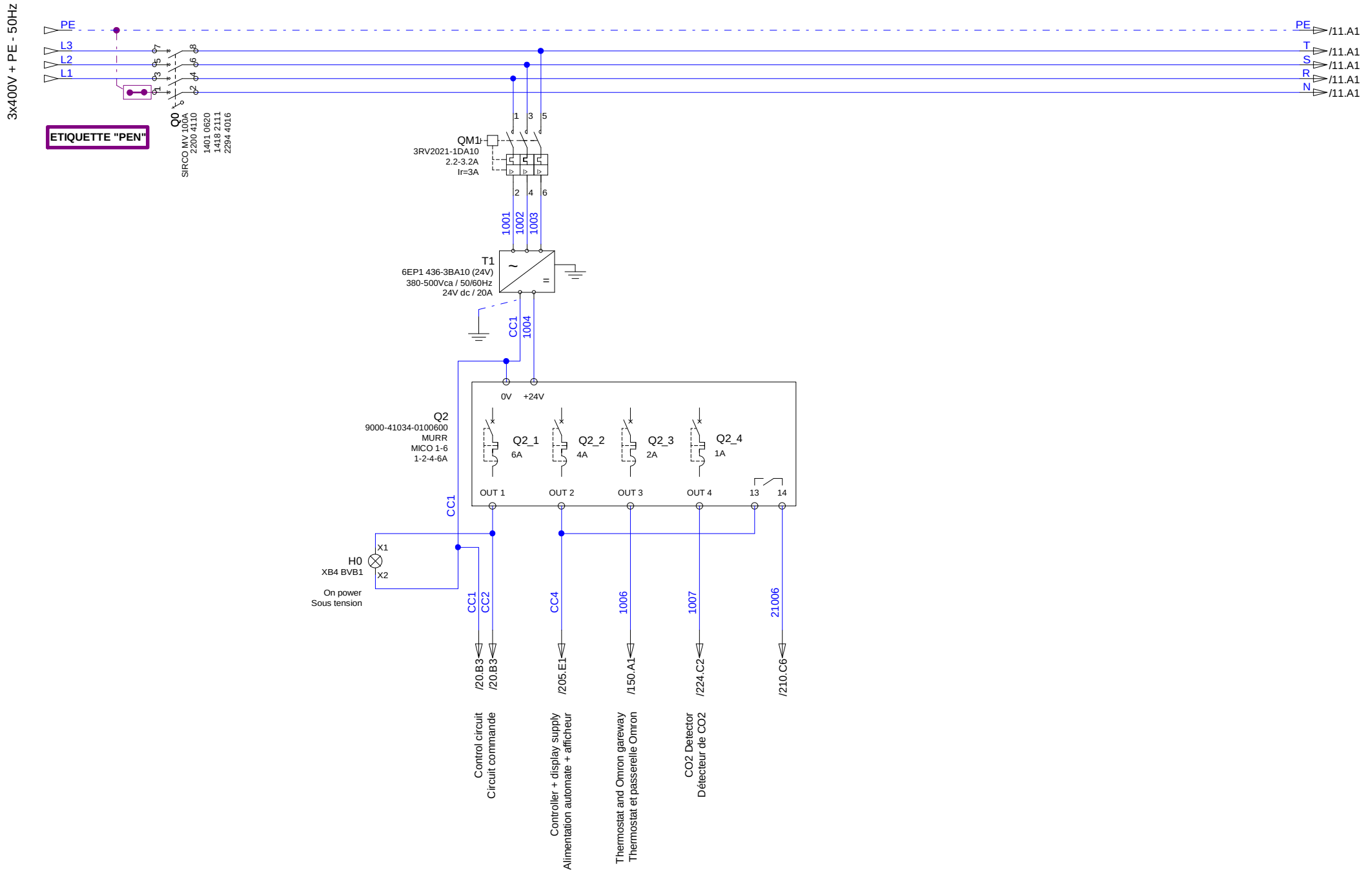
Wire section

Section mm²	Section AWG
0,5 (0,33)	22
0,75 (0,52)	20
1 (0,81)	18
1,5 (1,31)	16
2,5 (2,08)	14
4 (3,32)	12
6 (5,26)	10
10 (8,35)	8
16 (13,29)	6
25 (21,14)	4

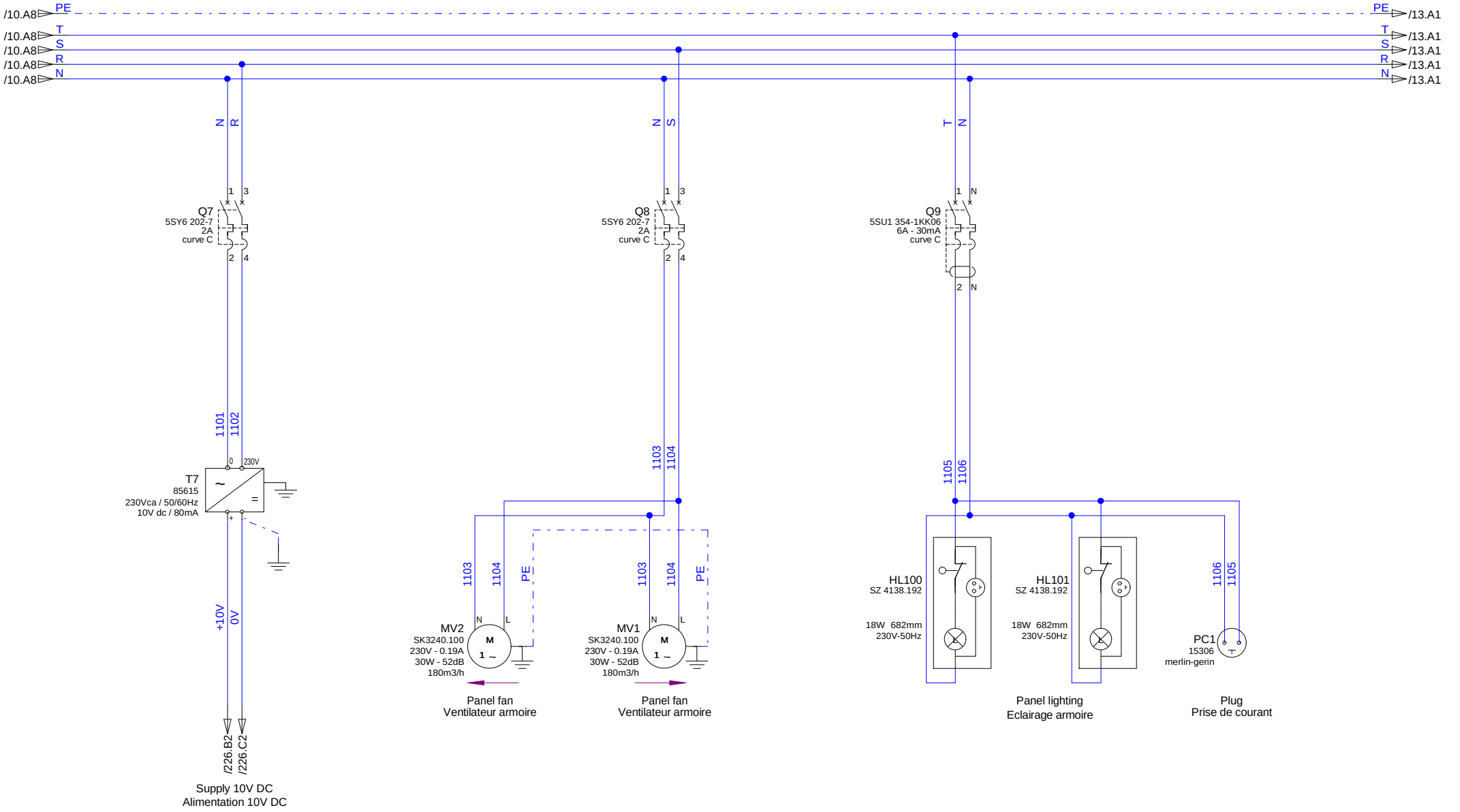
Folio	Summary	Sommaire	
0			
1			
10	Power circuit	Circuit distribution	
11	Power circuit	Circuit distribution	
13	Power circuit	Circuit distribution	
14	Power circuit	Circuit distribution	
20	Power circuit	Circuit puissance	
21	Power circuit	Circuit puissance	
24	Power circuit	Circuit puissance	
25	Power circuit	Circuit puissance	
26	Power circuit	Circuit puissance	
100	Control circuit	Circuit commande	
101	Control circuit	Circuit commande	
103	Control circuit	Circuit commande	
104	Control circuit	Circuit commande	
105	Control circuit	Circuit commande	
150	Thermostat and burner 1	Thermostat et bruleur 1	
151	Thermostat and burner 2	Thermostat et bruleur 2	
157	Regulation Omron	Régulation Omron	
200	Ethernet net	Réseau ethernet	

Folio	Summary	Sommaire	
201	Profibus network	Reseau profibus	
205	PLC configuration	Configuration automate	
207	PLC configuration	Configuration automate	
210	Input E0.0->E0.7	Entrées E0.0->E0.7	
211	Input E1.0->E1.7	Entrées E1.0->E1.7	
212	Input E2.0->E2.7	Entrées E2.0->E2.7	
213	Input E3.0->E3.7	Entrées E3.0->E3.7	
214	Input E4.0->E4.7	Entrées E4.0->E4.7	
215	Input E5.0->E5.7	Entrées E5.0->E5.7	
220	Input E10.0->E10.7	Entrées E10.0->E10.7	
221	Input E11.0->E11.7	Entrées E11.0->E11.7	
224	Input PEW300->PEW314	Entrées PEW300->PEW314	
226	Input PEW332->PEW346	Entrées PEW332->PEW346	
227	Input PEW348->PEW362	Entrées PEW348->PEW362	
230	Output A0.0->A0.7	Sorties A0.0->A0.7	
231	Output A1.0->A1.7	Sorties A1.0->A1.7	
232	Output A2.0->A2.7	Sorties A2.0->A2.7	
233	Output A3.0->A3.7	Sorties A3.0->A3.7	
236	Output A6.0->A6.7	Sorties A6.0->A6.7	
237	Output A7.0->A7.7	Sorties A7.0->A7.7	

Folio	Summary	Sommaire	
238	Output PAW300 -> PAW306	Sorties PAW300 -> PAW306	
400	Panel door synoptic	Implantation porte armoire	
401	Panel door synoptic	Implantation porte armoire	
500	Terminal strips XPC-X1S-X9	Borniers XPC-X1S-X9	
501	Terminal strips X110A-X92	Borniers X110A-X92	
503	Terminal strips XAU111-XAU112-XAU113-XAU114	Borniers XAU111-XAU112-XAU113-XAU114	
504	Terminal strips XCO2-X110	Borniers XCO2-X110	
505	Terminal strips XE1-XF1-XP110-X111B-X117	Borniers XE1-XF1-XP110-X111B-X117	
506	Terminal strips X123-X124-X125-X126	Borniers X123-X124-X125-X126	
507	Terminal strips XE2-XF2-XP111-X112B-X118	Borniers XE2-XF2-XP111-X112B-X118	
508	Terminal strips X127-X128-X129-X130	Borniers X127-X128-X129-X130	
511	Terminal strips X111A; X112A; X113A	Borniers X111A; X112A; X113A	
519	Terminal strips XRE-XRS	Borniers XRE-XRS	
601	Parameter speed controller V111	Paramètres variateur V111	
602	Parameter speed controller V112	Paramètres variateur V112	
800	Cable book	Carnet de cables	
801	Cable book	Carnet de cables	
802	Cable book	Carnet de cables	



Modif.	Drawn	STEINMETZ F.	MECATHERM	Power circuit Circuit distribution	Oven FDA	Nbr.Pg. 61
	Checked				LINWOODS	N° 1433B — Sheet 10 — Next 11
	Norm					
	Date	09/12/14				



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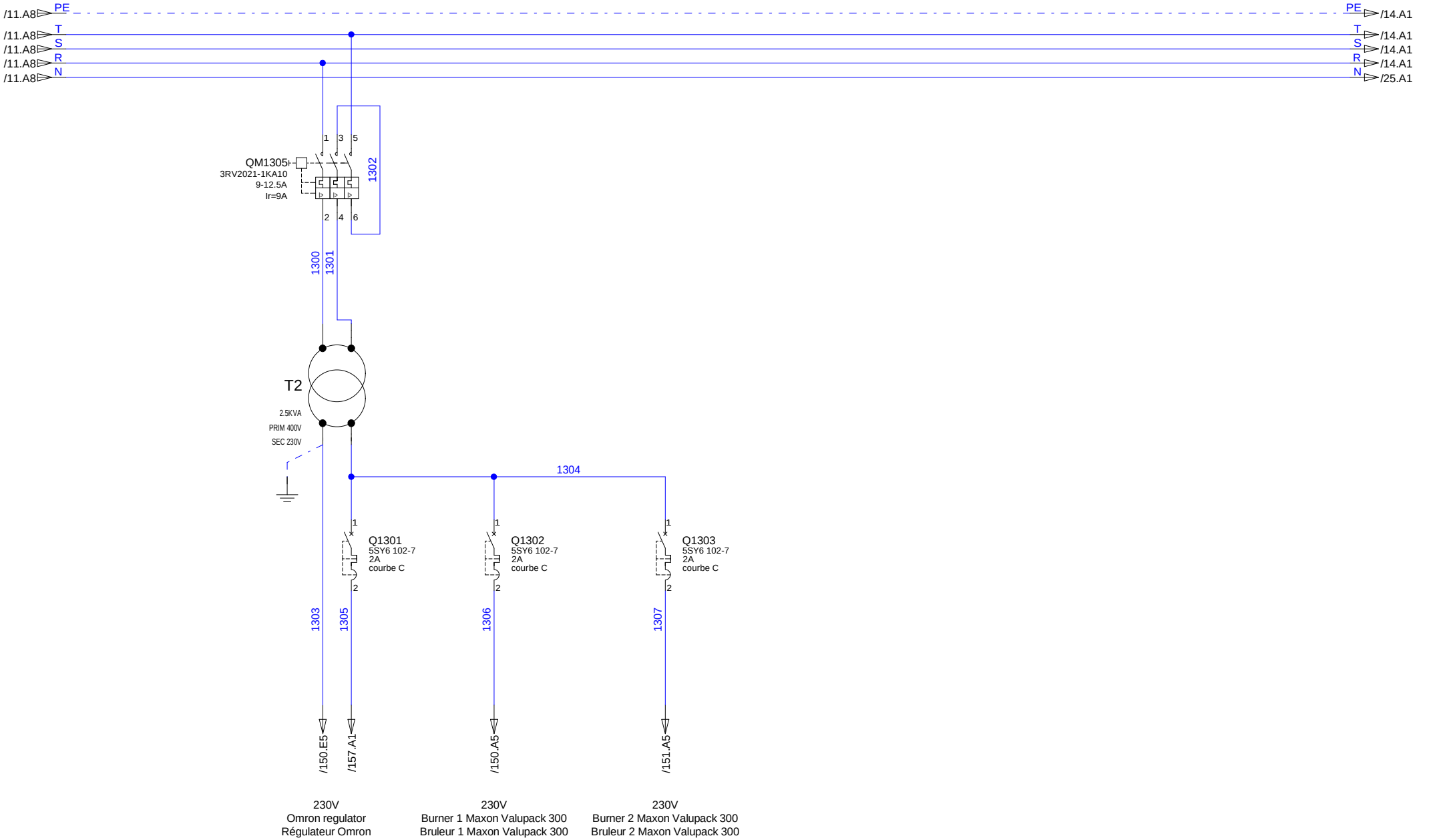

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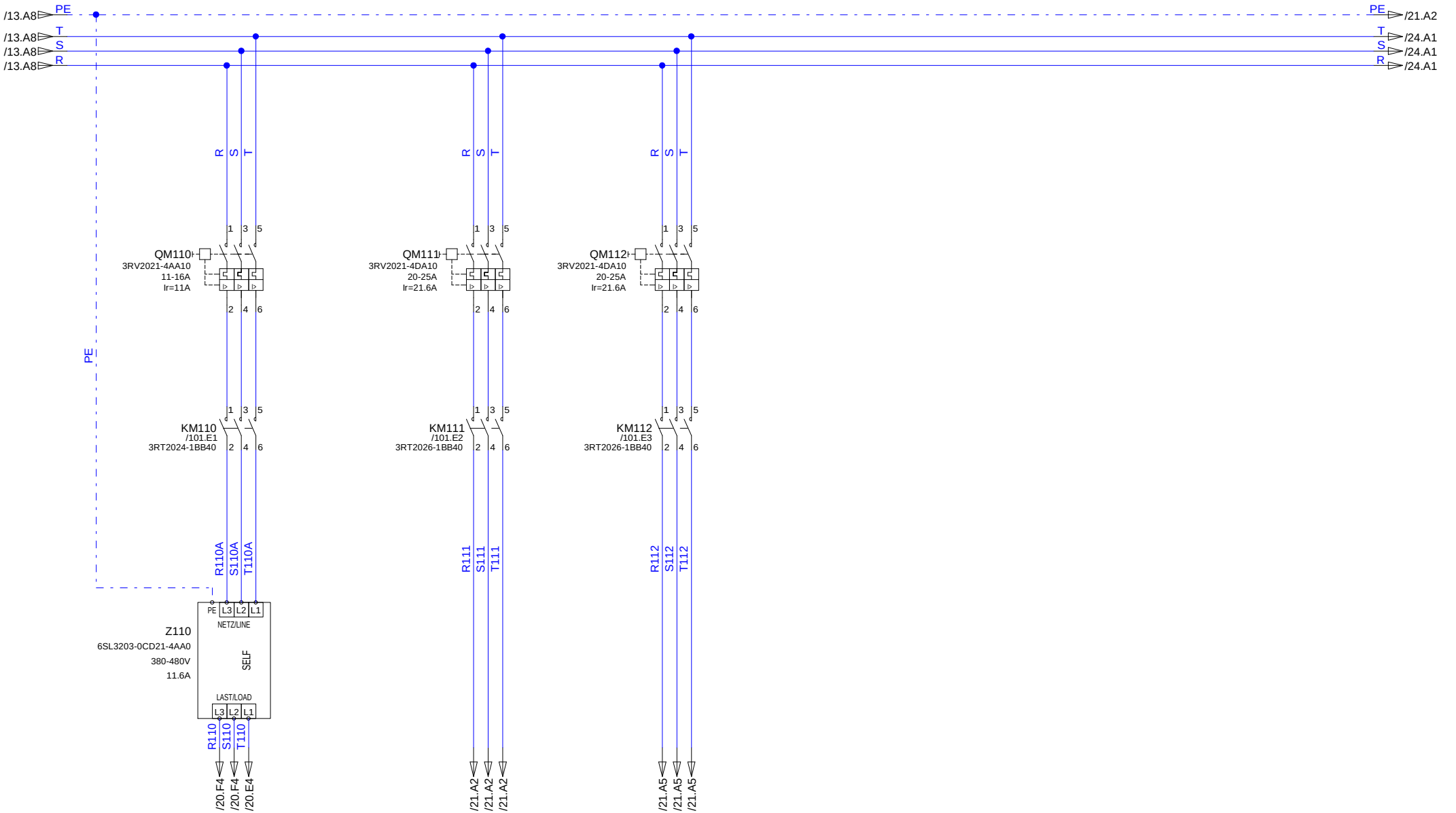
		Norm					Sheet 13
		Date	09/12/14				Next 14



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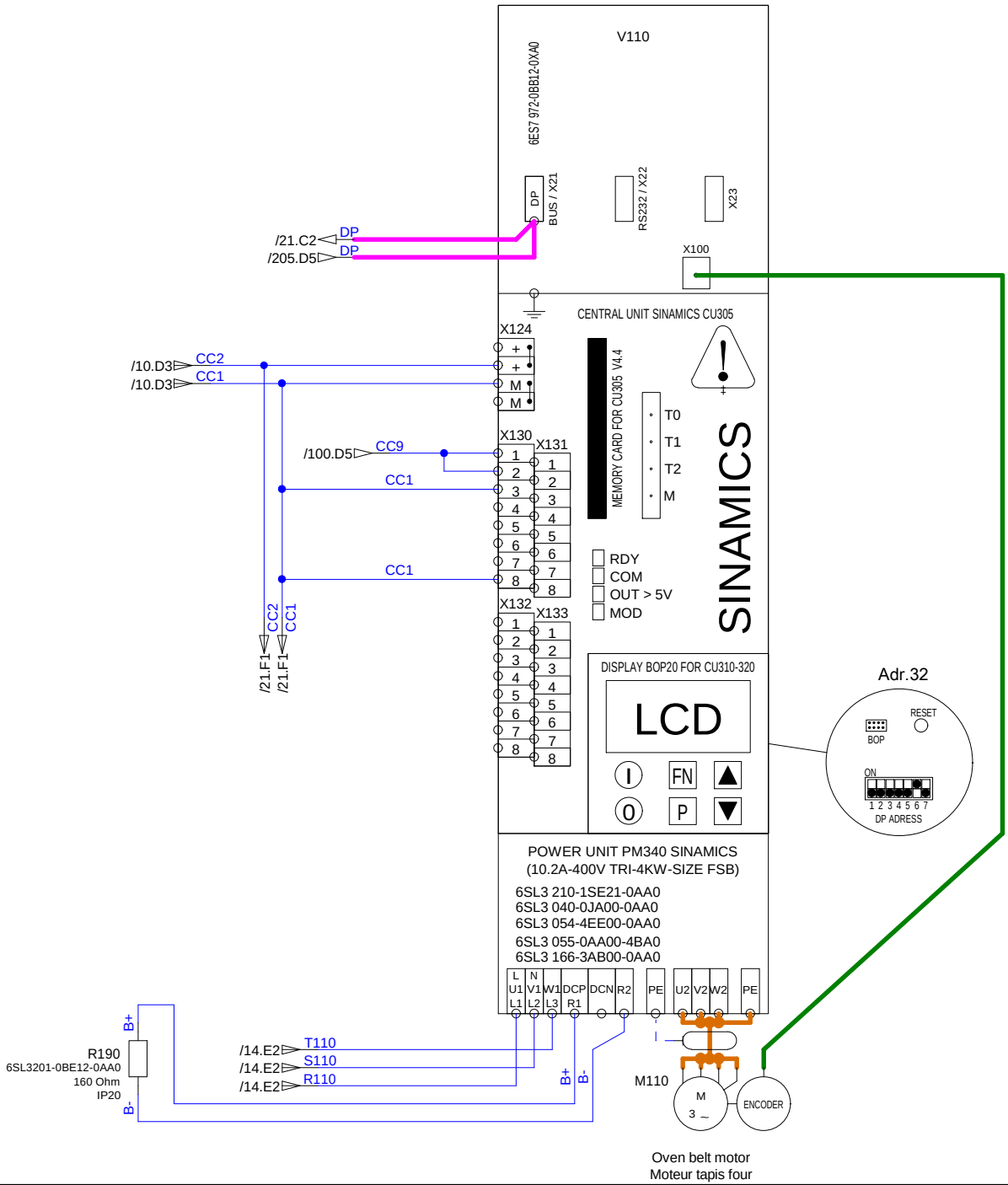

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		Norm				N° 1433B
		Date	09/12/14			Sheet 20 / Next 21

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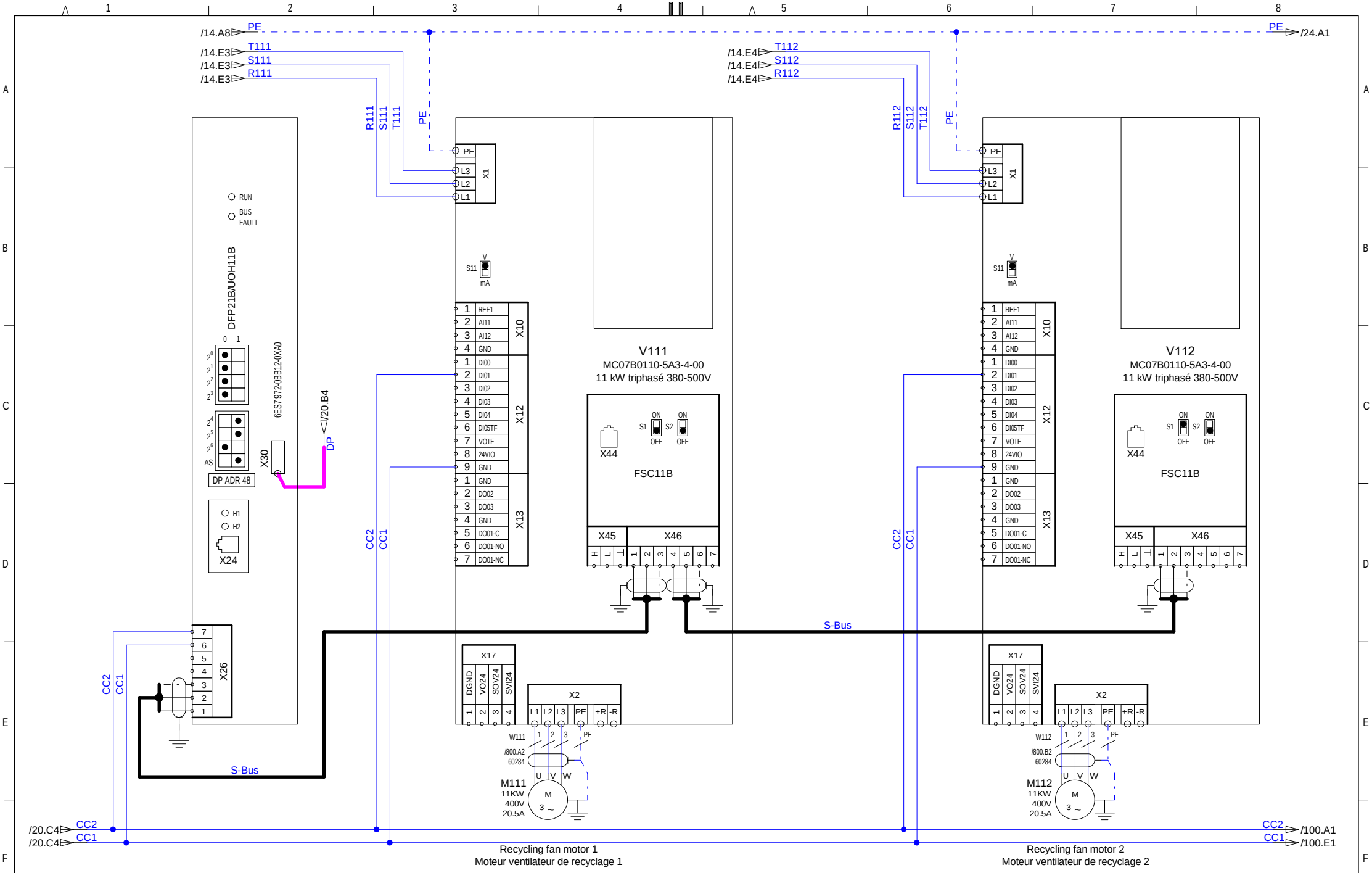

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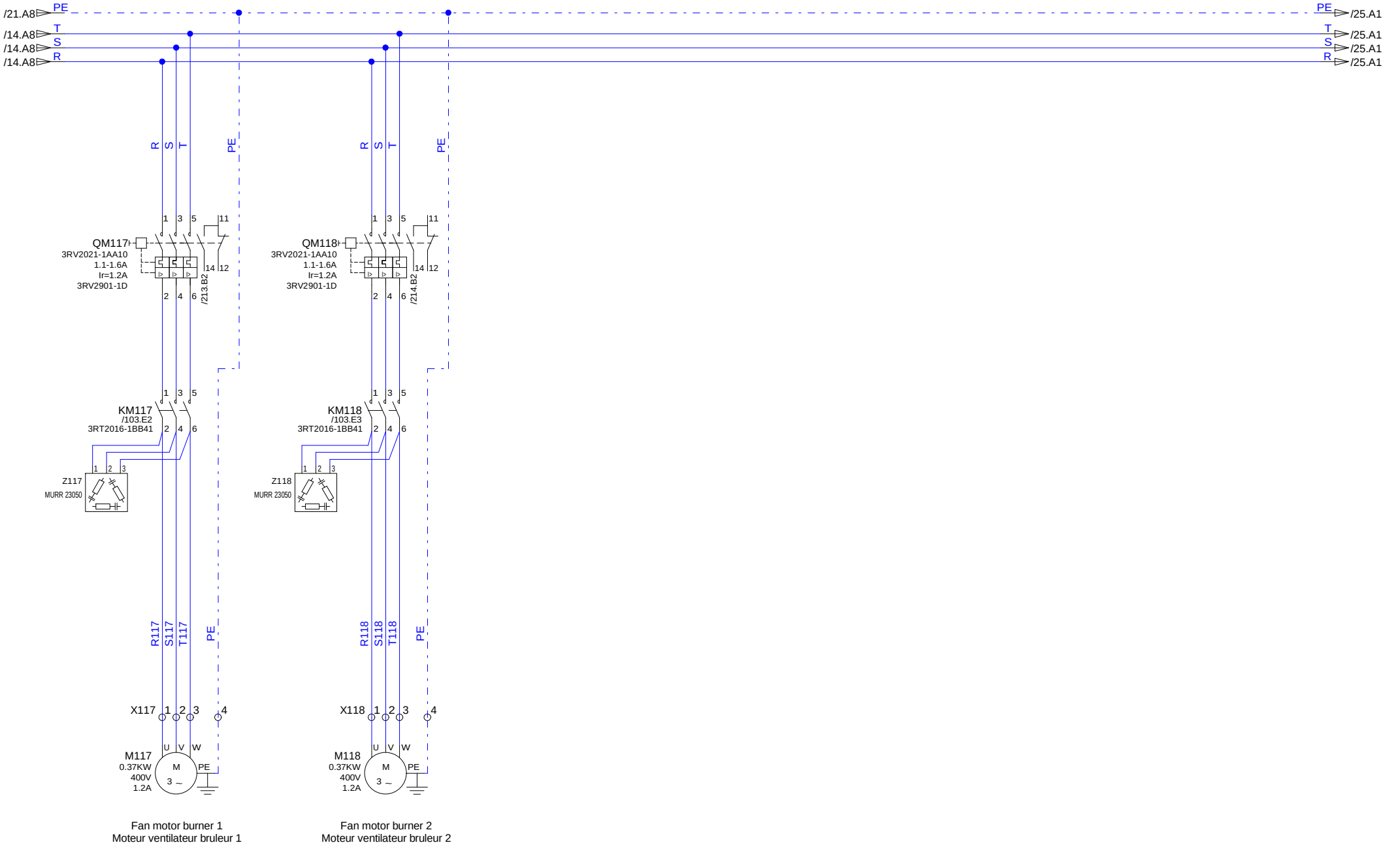
		Date	09/12/14			Sheet 21 / Next 24

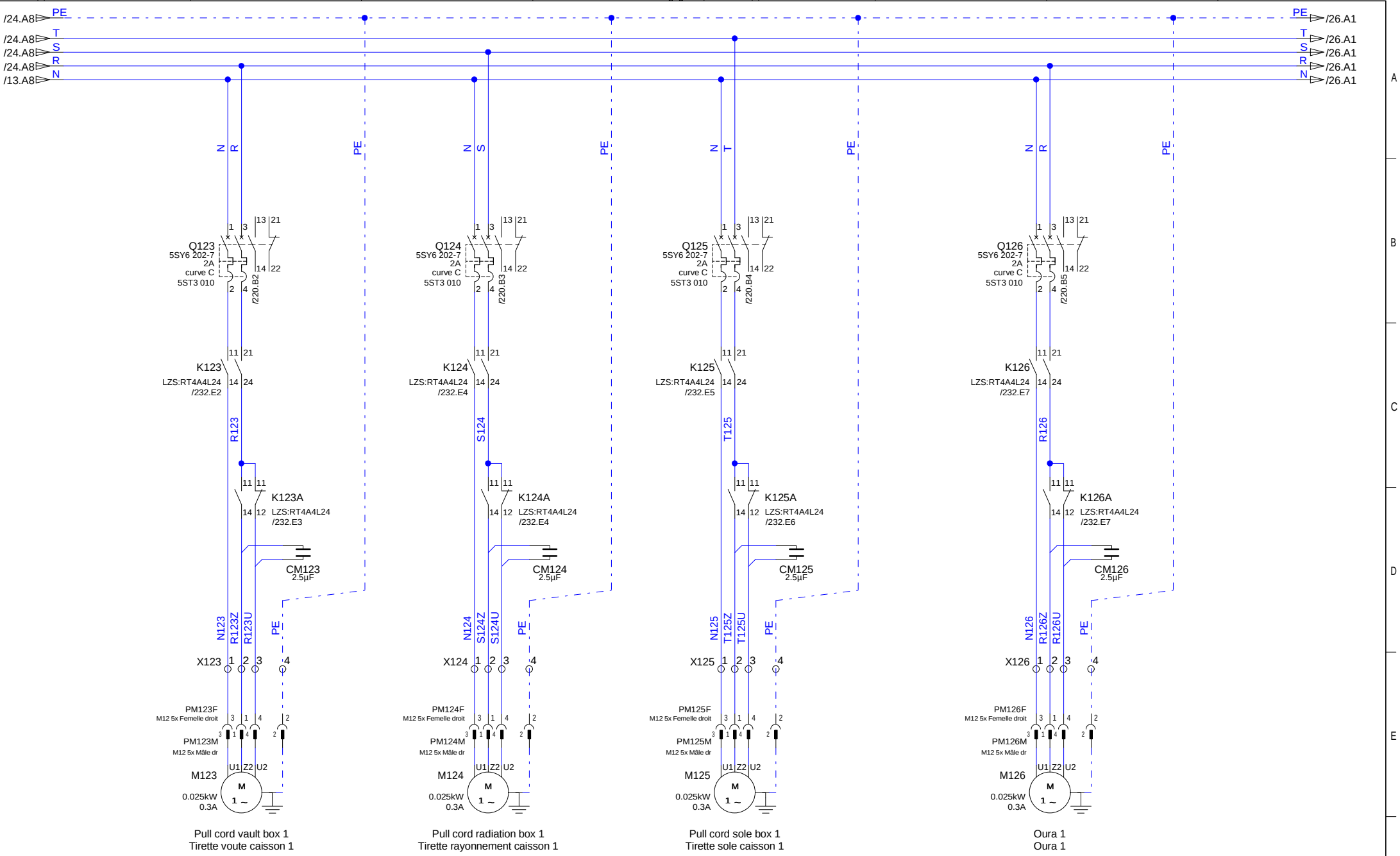
MECATHERM



Fan motor burner 1
Moteur ventilateur bruleur 1

Fan motor burner 2
Moteur ventilateur bruleur 2

Modif.		Drawn	STEINMETZ F.	MECATHERM	Power circuit Circuit puissance	Oven FDA
		Checked				LINWOODS
		Norm				N° 1433B
		Date	09/12/14			Sheet 24 / Next 25
						Nbr.Pg. 61



Pull cord vault box 1
Tirette voute caisson 1

Pull cord radiation box 1
Tirette rayonnement caisson 1

Pull cord sole box 1
Tirette sole caisson 1

Oura 1
Oura 1

Modif.		Drawn	STEINMETZ F.	MECATHERM	Power circuit Circuit puissance	Oven FDA
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		Norm				N° 1433B
		Date	09/12/14			Sheet 25 / Next 26
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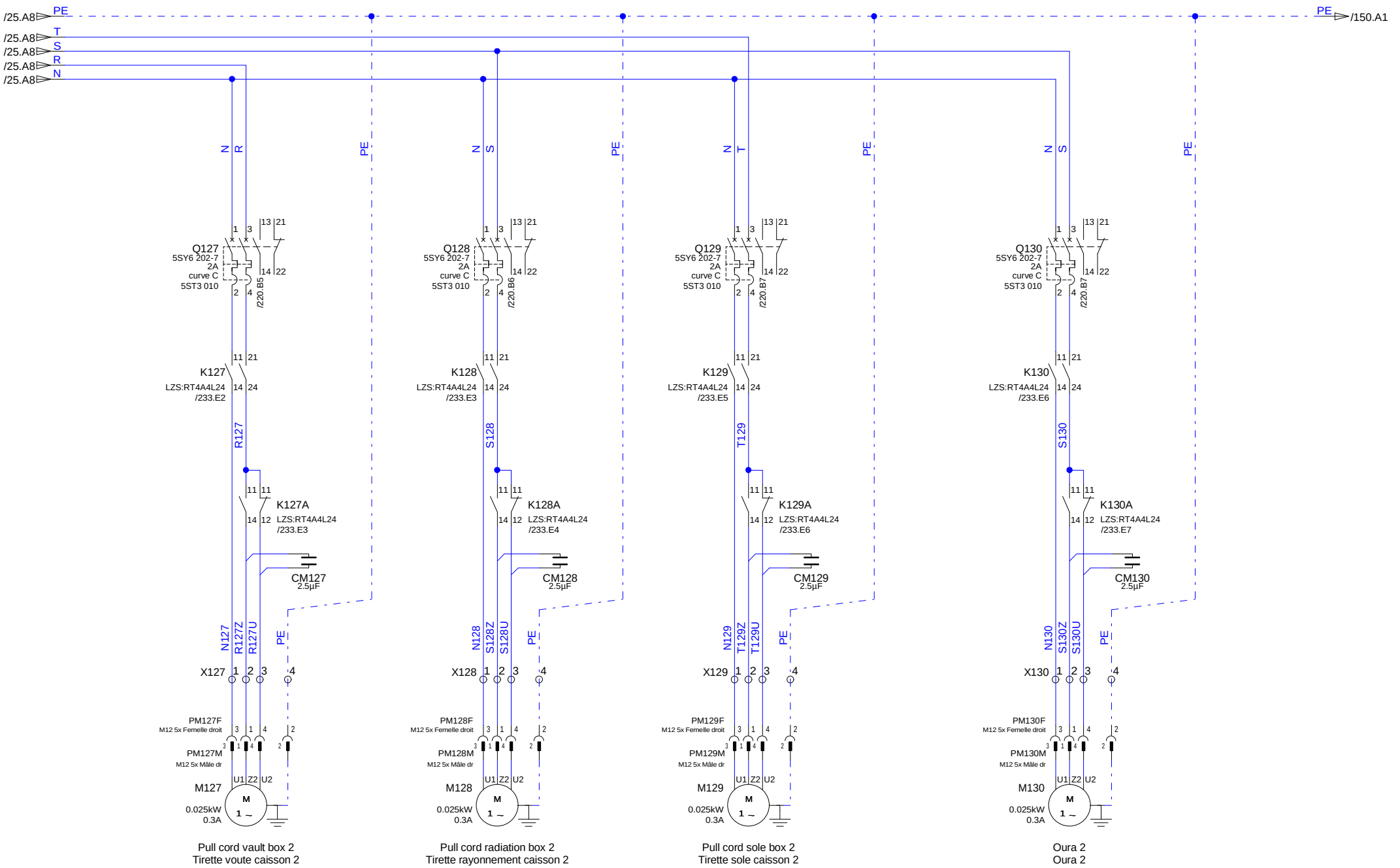


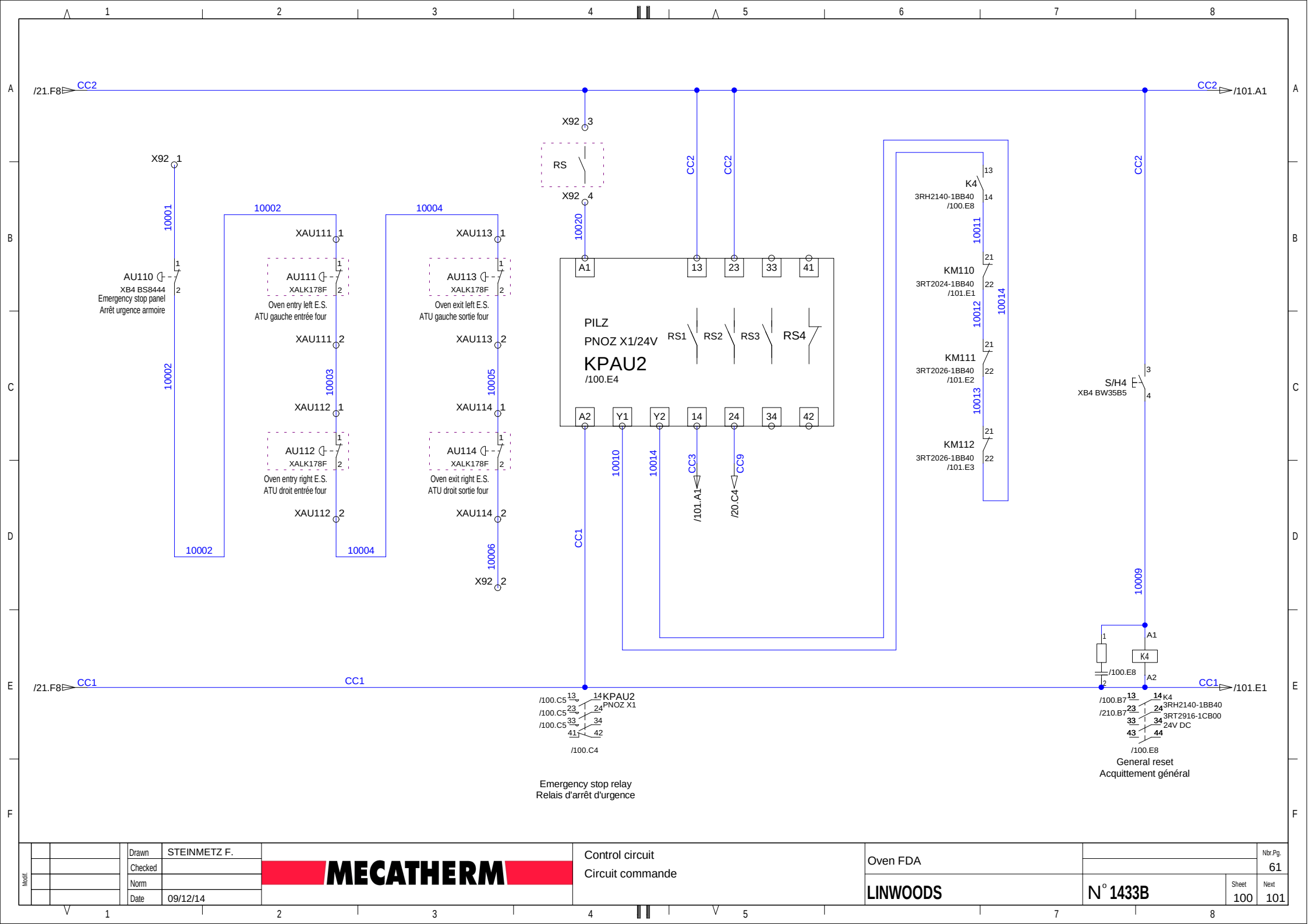
Pull cord vault box 2
Tirette voute caisson 2

Pull cord radiation box 2
Tirette rayonnement caisson 2

Pull cord sole box 2
Tirette sole caisson 2

Oura 2
Oura 2

Modif.		Drawn	STEINMETZ F.	MECATHERM	Power circuit Circuit puissance	Oven FDA LINWOODS N° 1433B
		Checked				Sheet 26 / Next 100
		Norm				Nbr.Pg. 61
		Date	09/12/14			



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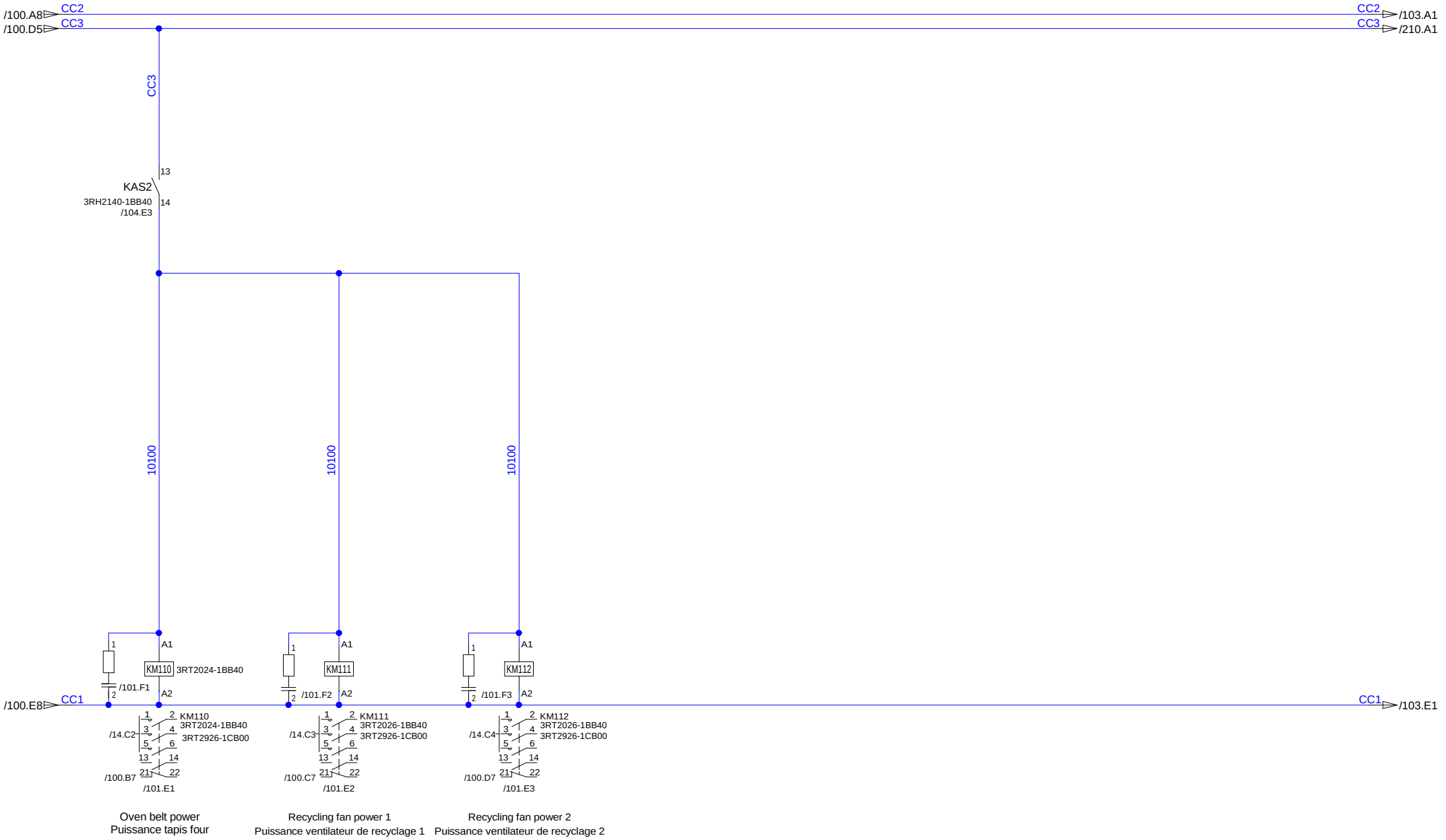
		Date	09/12/14				



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		Norm					Sheet 101 / Next 103
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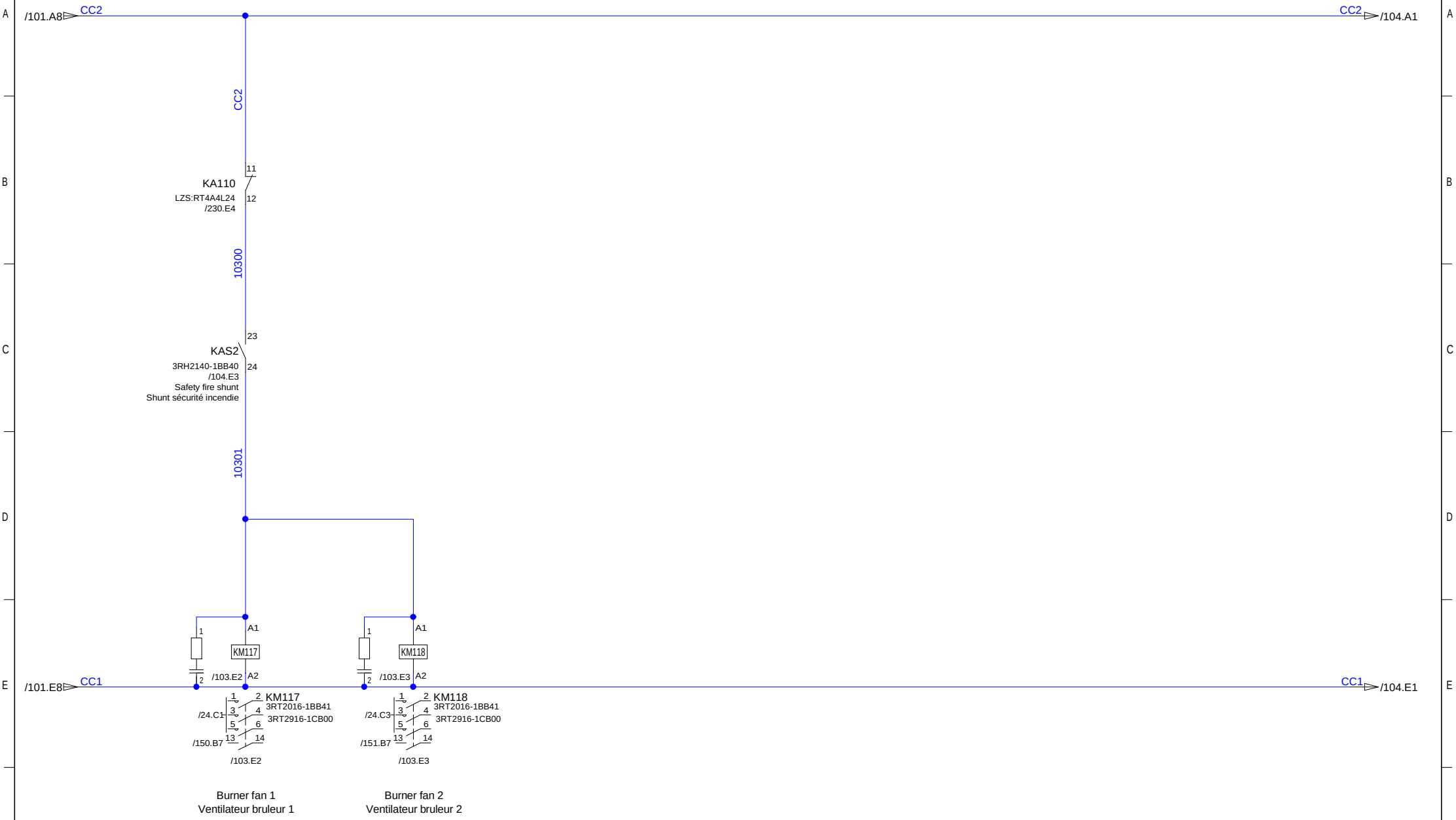

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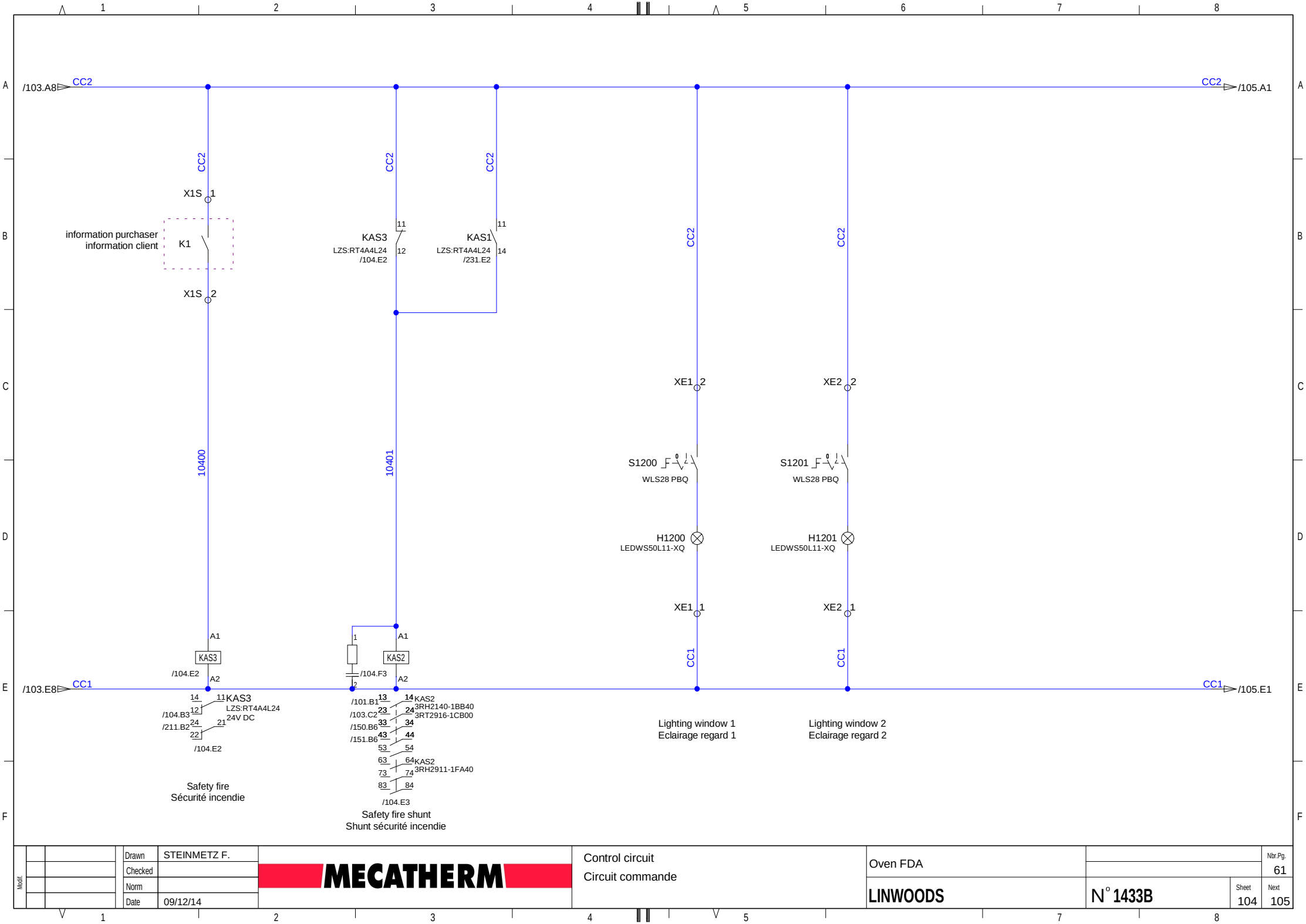

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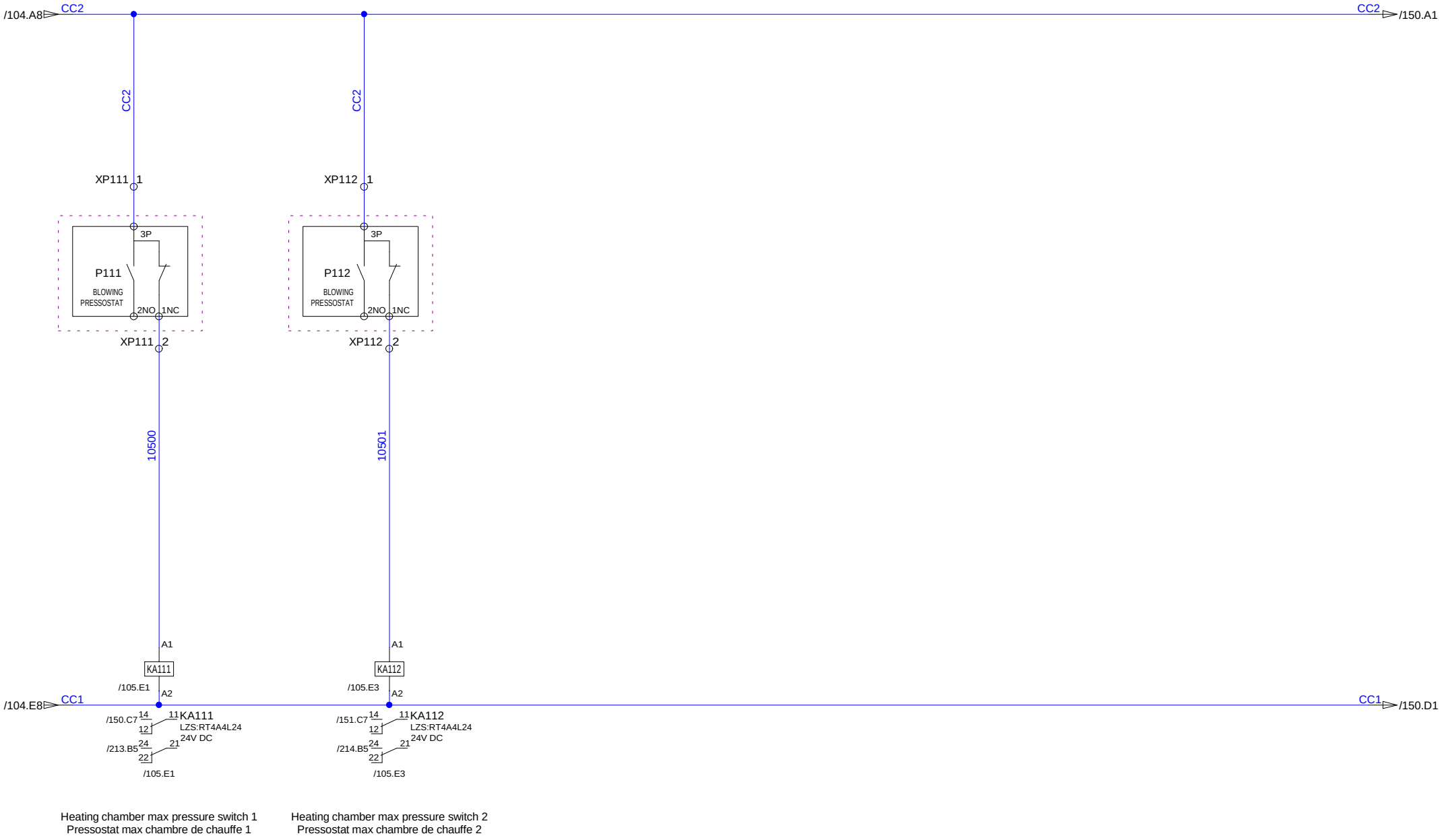
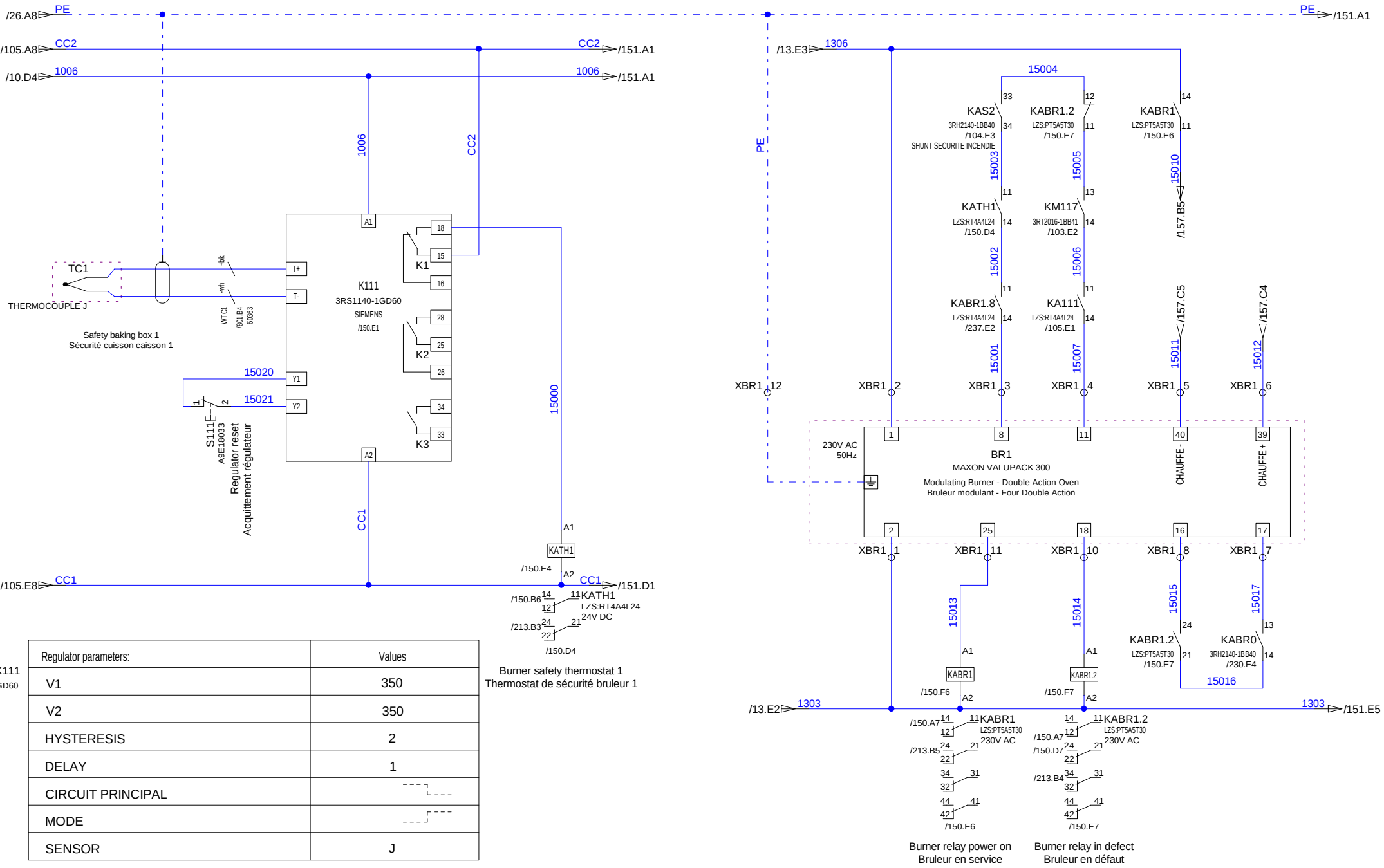


Heating chamber max pressure switch 1
Pressostat max chambre de chauffe 1

Heating chamber max pressure switch 2
Pressostat max chambre de chauffe 2

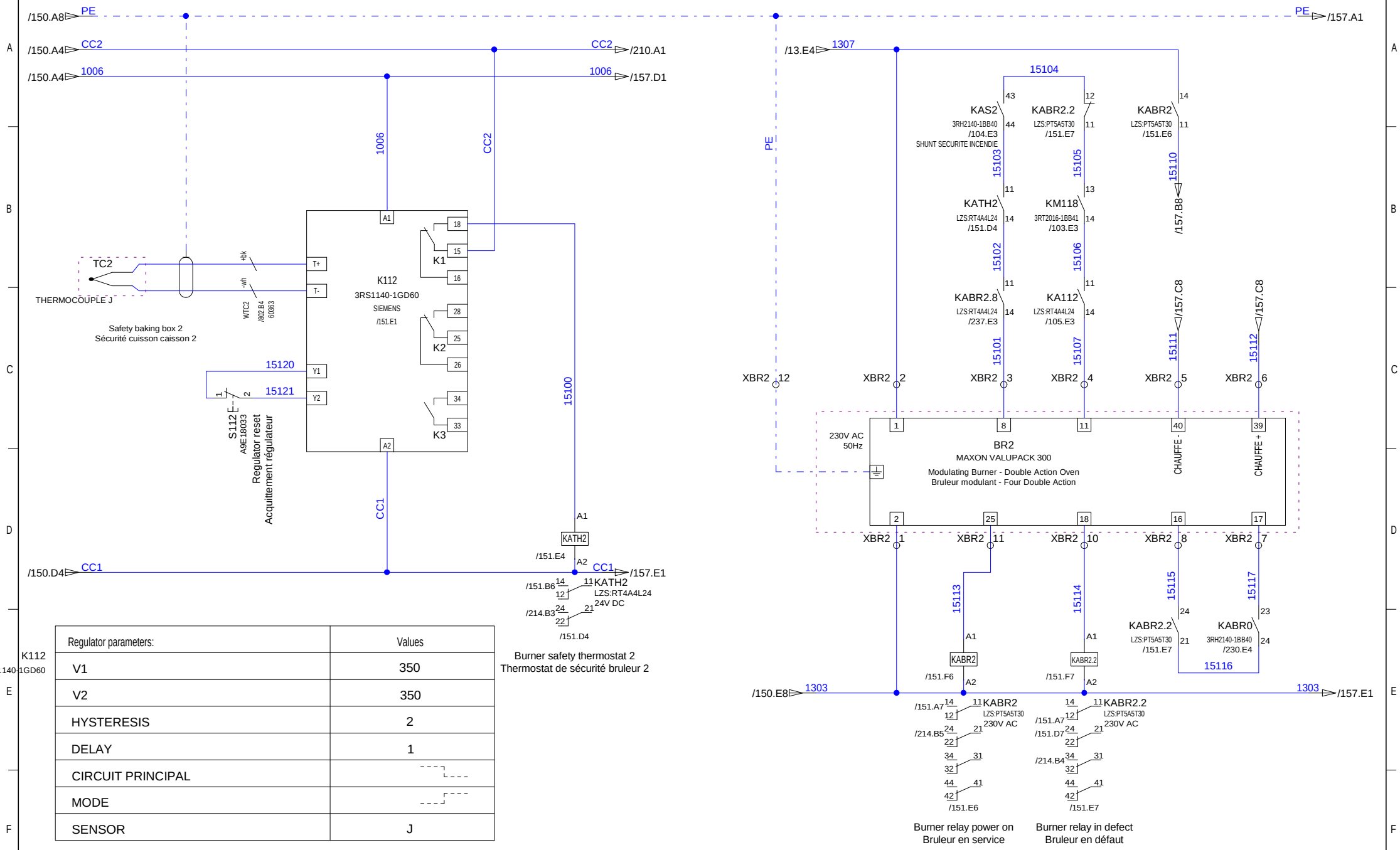
Modif.		Drawn	STEINMETZ F.	MECATHERM	Control circuit Circuit commande	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B — Sheet 105 — Next 150
		Date	09/12/14				



K111
3RS1140-1GD60

Regulator parameters:	Values
V1	350
V2	350
HYSTERESIS	2
DELAY	1
CIRCUIT PRINCIPAL	
MODE	
SENSOR	J

Modif.			Drawn	STEINMETZ F.	MECATHERM	Thermostat and burner 1 Thermostat et bruleur 1	Oven FDA LINWOODS	Nbr.Pg. 61 N° 1433B Sheet 150 Next 151
			Checked					
			Norm					
			Date	09/12/14				



K112
3RS1140-1GD60

Regulator parameters:	Values
V1	350
V2	350
HYSTERESIS	2
DELAY	1
CIRCUIT PRINCIPAL	
MODE	
SENSOR	J

Modif.			Drawn	STEINMETZ F.	MECATHERM	Thermostat and burner 2 Thermostat et bruleur 2	Oven FDA
			Checked				LINWOODS
			Norm				N° 1433B
			Date	09/12/14			Sheet 151 / Next 157

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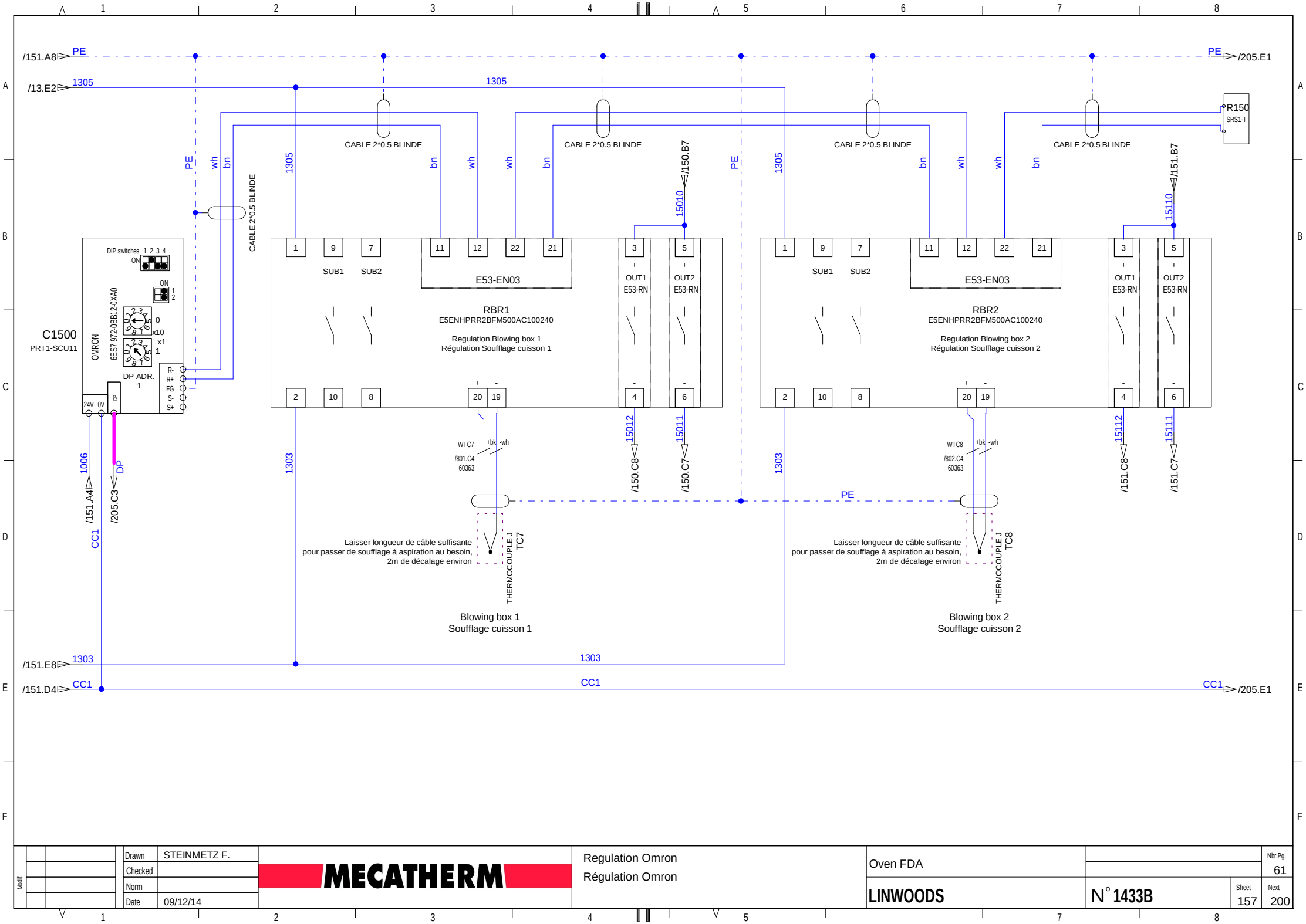

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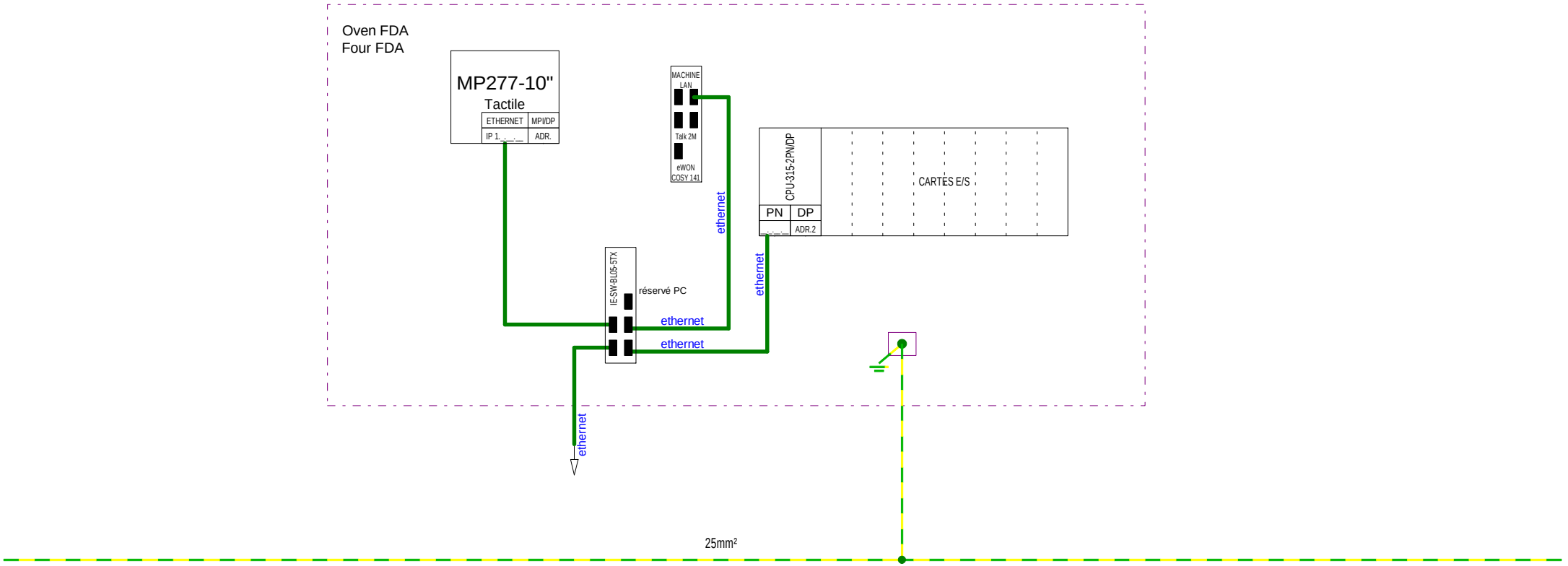

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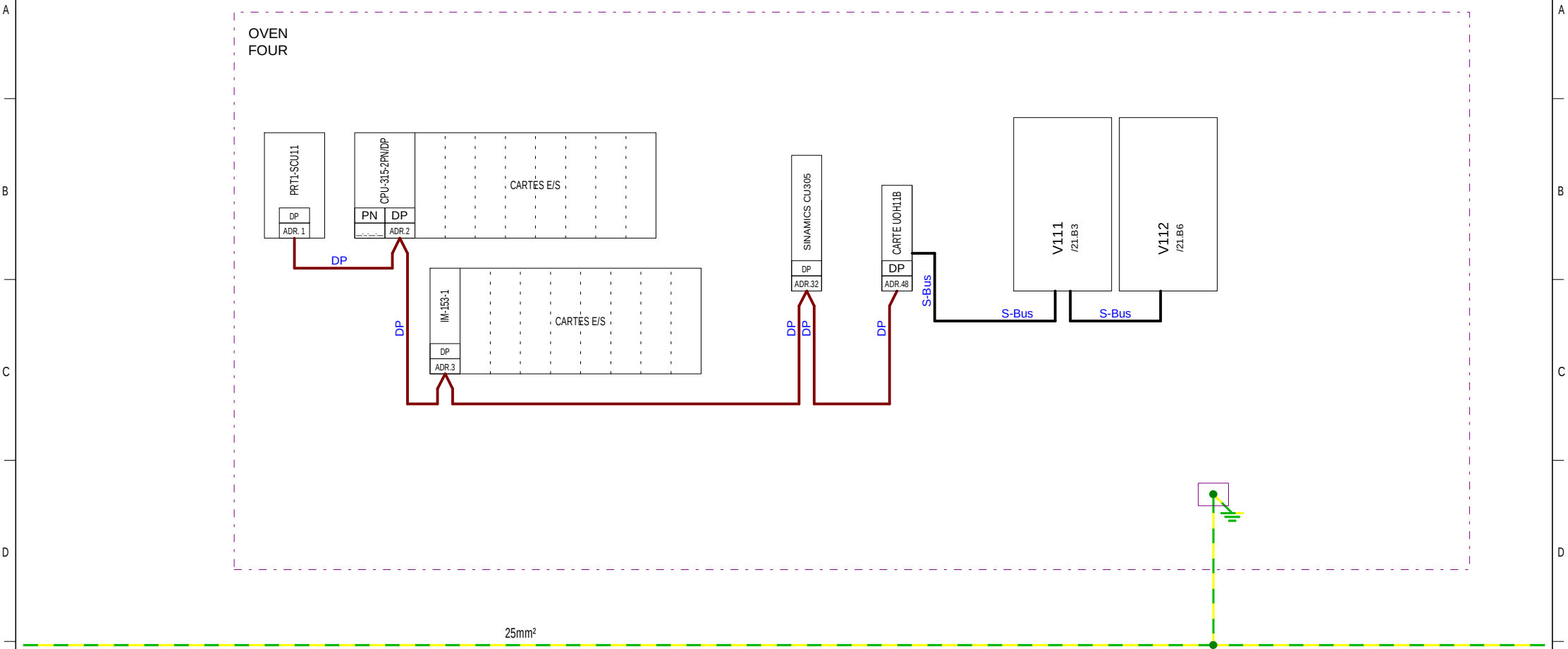
			Date	09/12/14				



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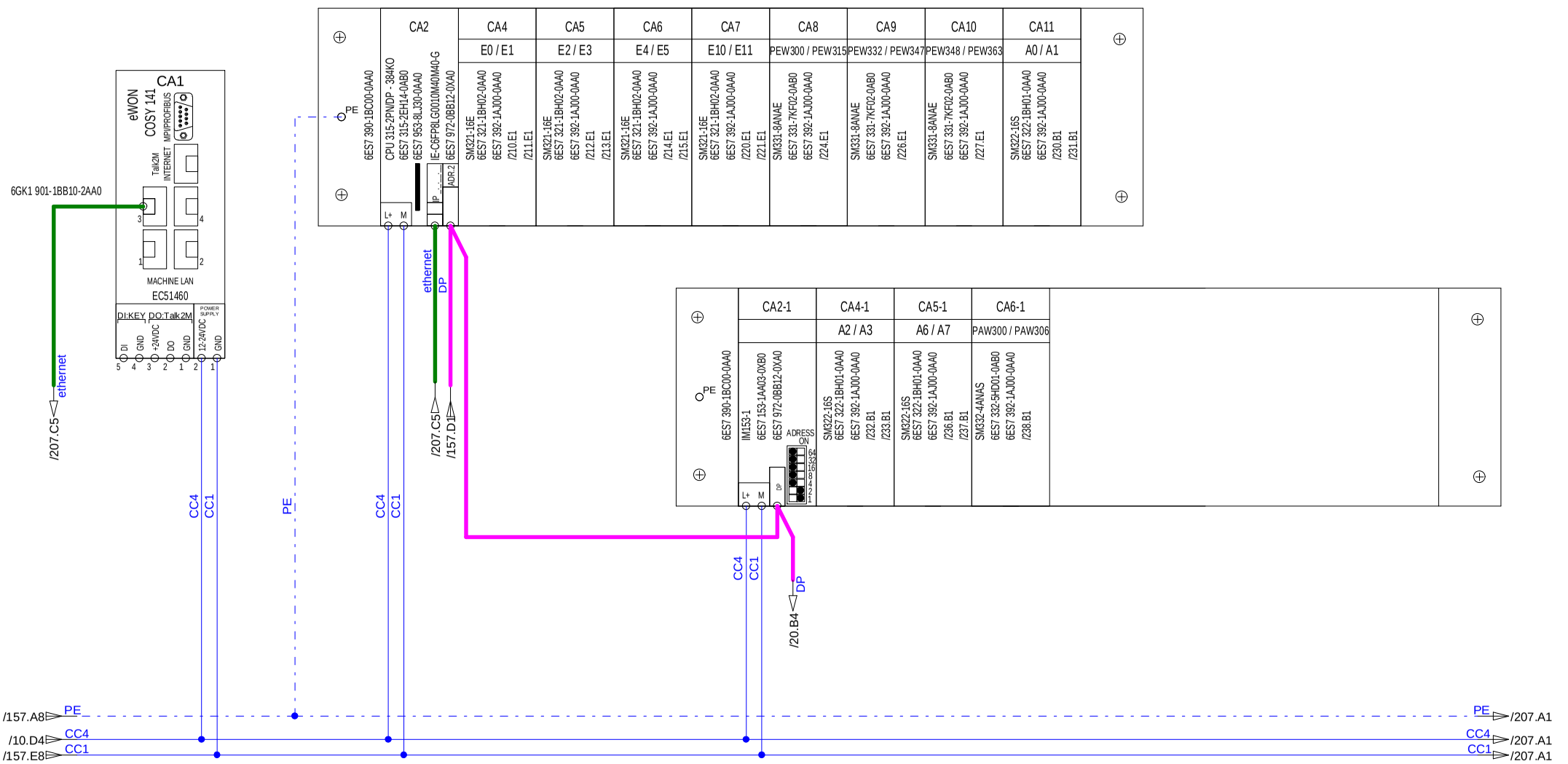

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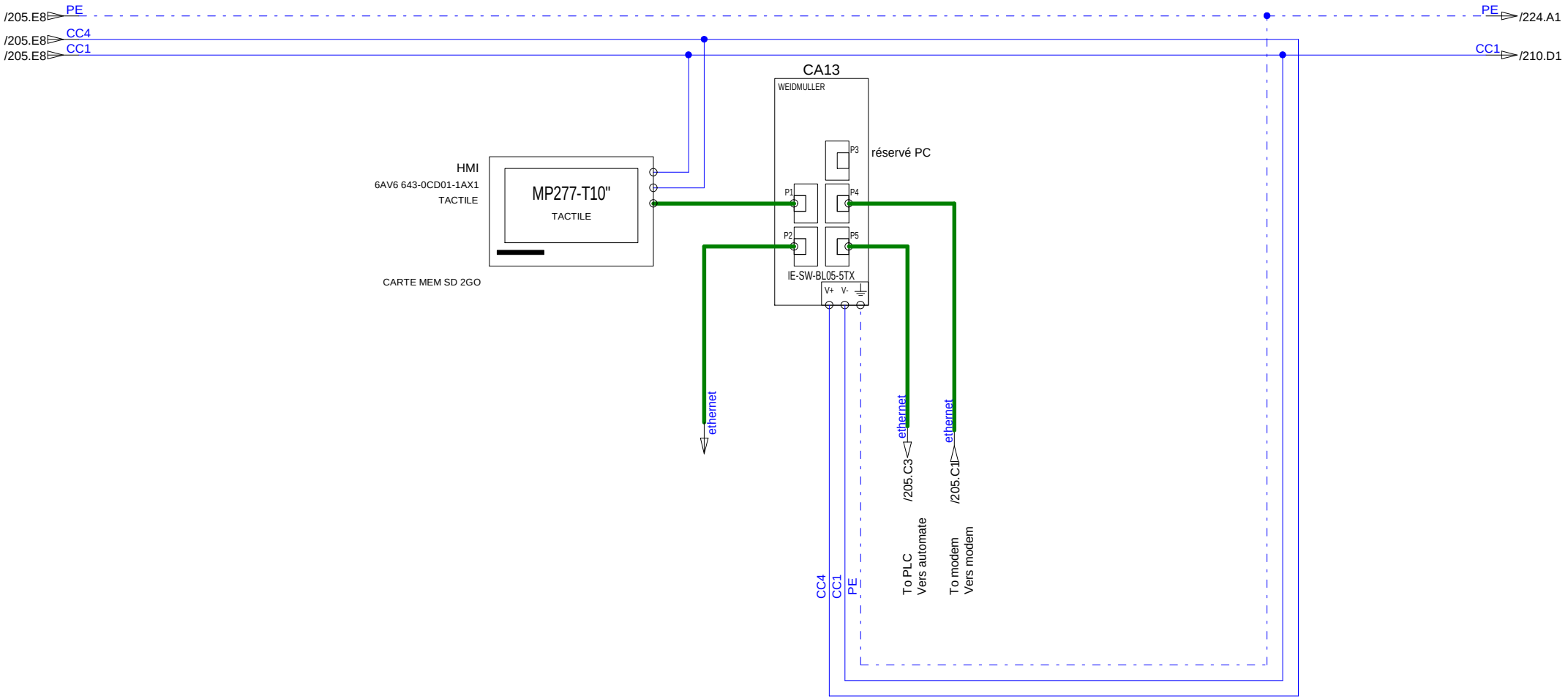
		Date	09/12/14				



Modif.			Drawn	STEINMETZ F.	MECATHERM	PLC configuration Configuration automate	Oven FDA LINWOODS	Nbr.Pg. 61 N° 1433B Sheet 207 Next 210
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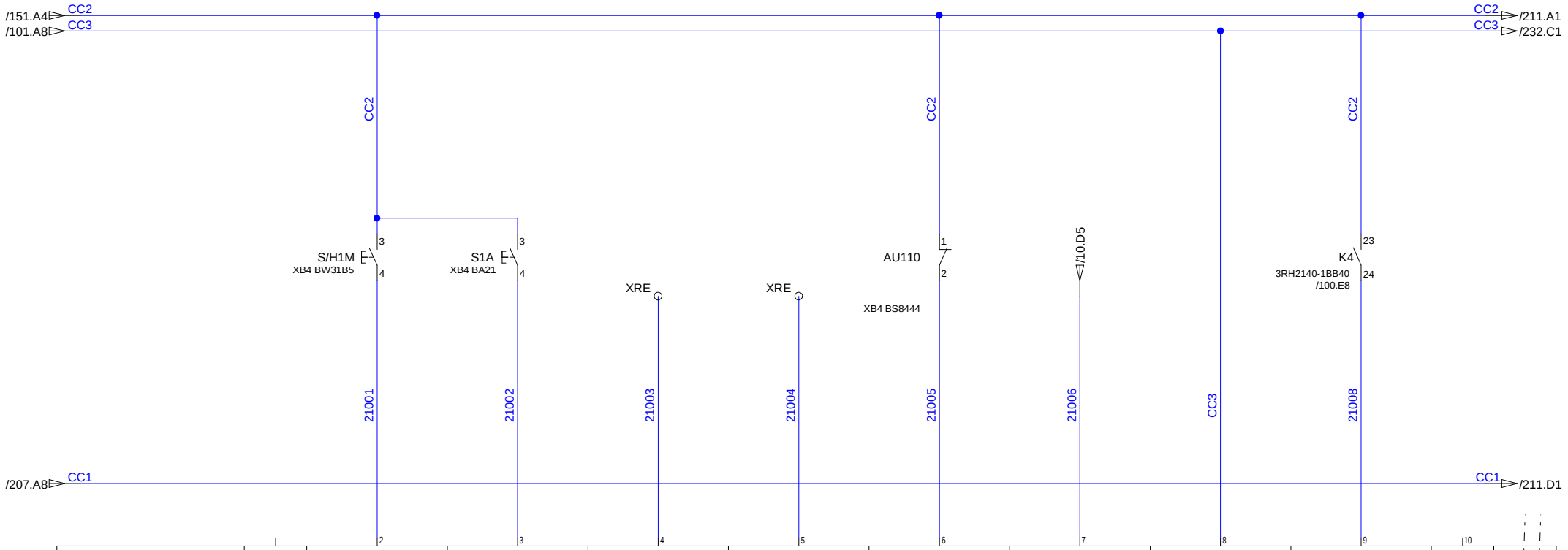

BORNE	1	2	3	4	5	6	7	8	9	10
ADRESSE	L+	E0.0	E0.1	E0.2	E0.3	E0.4	E0.5	E0.6	E0.7	
CA4 /205.B3 6E3S7321-1BH02-0AA0 + 6ES7392-1AJ00-0AA0		Start cycle	Stop cycle	Unused	Unused	Emergency stop panel	24V supply ready	power	Reset	
DESIGNATION		Oven Marche cycle Four	Oven Arrêt cycle Four	Non utilisé	Non utilisé	Arrêt urgence armoire	Présence alimentation 24V	Oven puissance Four	Oven Acquittement Four	

Modif.		Drawn	STEINMETZ F.	MECATHERM	Input E0.0->E0.7 Entrées E0.0->E0.7	Oven FDA
		Checked				LINWOODS
		Norm				N° 1433B
		Date	09/12/14			Sheet 210 / Next 211
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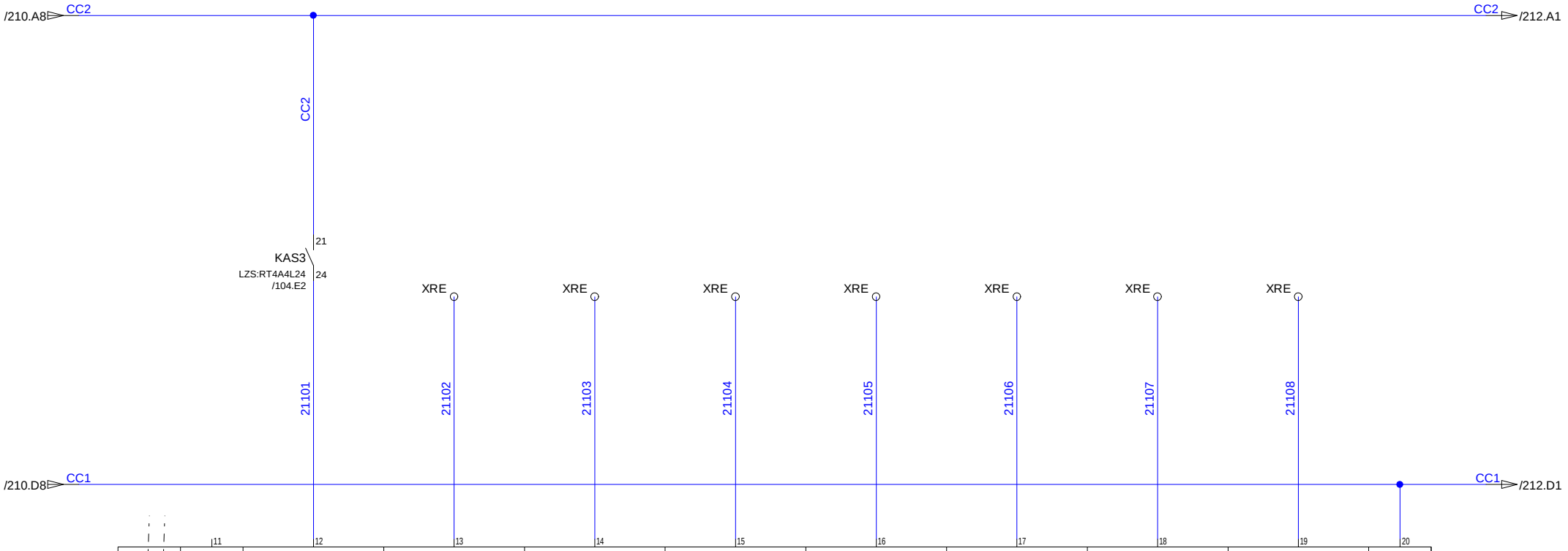
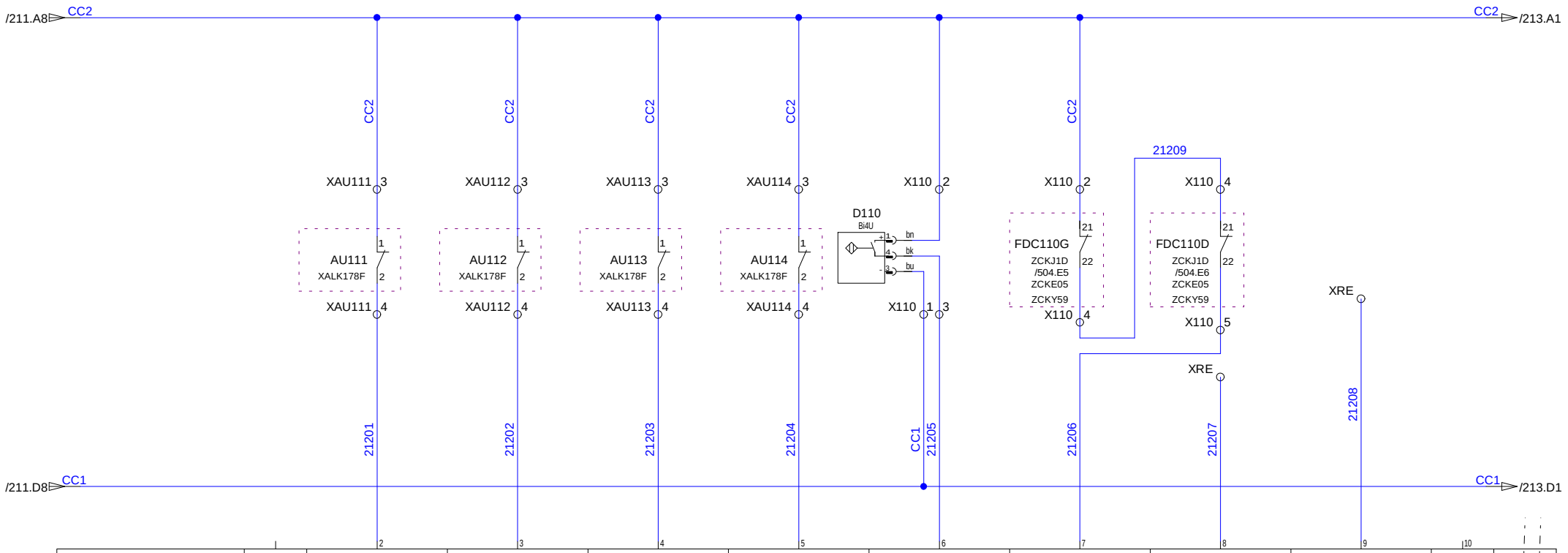


	11	12	13	14	15	16	17	18	19	20
		E1.0	E1.1	E1.2	E1.3	E1.4	E1.5	E1.6	E1.7	1M
6ES7 321-1BH02-0AA0 CA4 /205.B3		Safety fire Sécurité incendie	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	

Modif.		Drawn	STEINMETZ F.	Input E1.0->E1.7 Entrées E1.0->E1.7	Oven FDA	Nbr.Pg. 61
		Checked				
		Norm			LINWOODS	N° 1433B
		Date	09/12/14	MECATHERM		Sheet 211 / Next 212



BORNE	1	2	3	4	5	6	7	8	9	10
ADRESSE	L+	E2.0	E2.1	E2.2	E2.3	E2.4	E2.5	E2.6	E2.7	
CA5 /205.B4 6E3S7321-1BH02-0AA0 + 6ES7392-1AJ00-0AA0		Emergency stop	Emergency stop	Emergency stop	Emergency stop	Oven pitch	Safety oven belt	Unused	Unused	
DESIGNATION		Left infeed oven Arrêt d'urgence gauche entrée four	Right infeed oven Arrêt d'urgence droit entrée four	Left outfeed oven Arrêt d'urgence Gauche sortie four	Right outfeed oven Arrêt d'urgence Droit sortie four	Pas du four	Sécurité tapis four	Non utilisé	Non utilisé	

Modif.	Drawn	STEINMETZ F.	MECATHERM	Input E2.0->E2.7 Entrées E2.0->E2.7	Oven FDA	Nbr.Pg. 61
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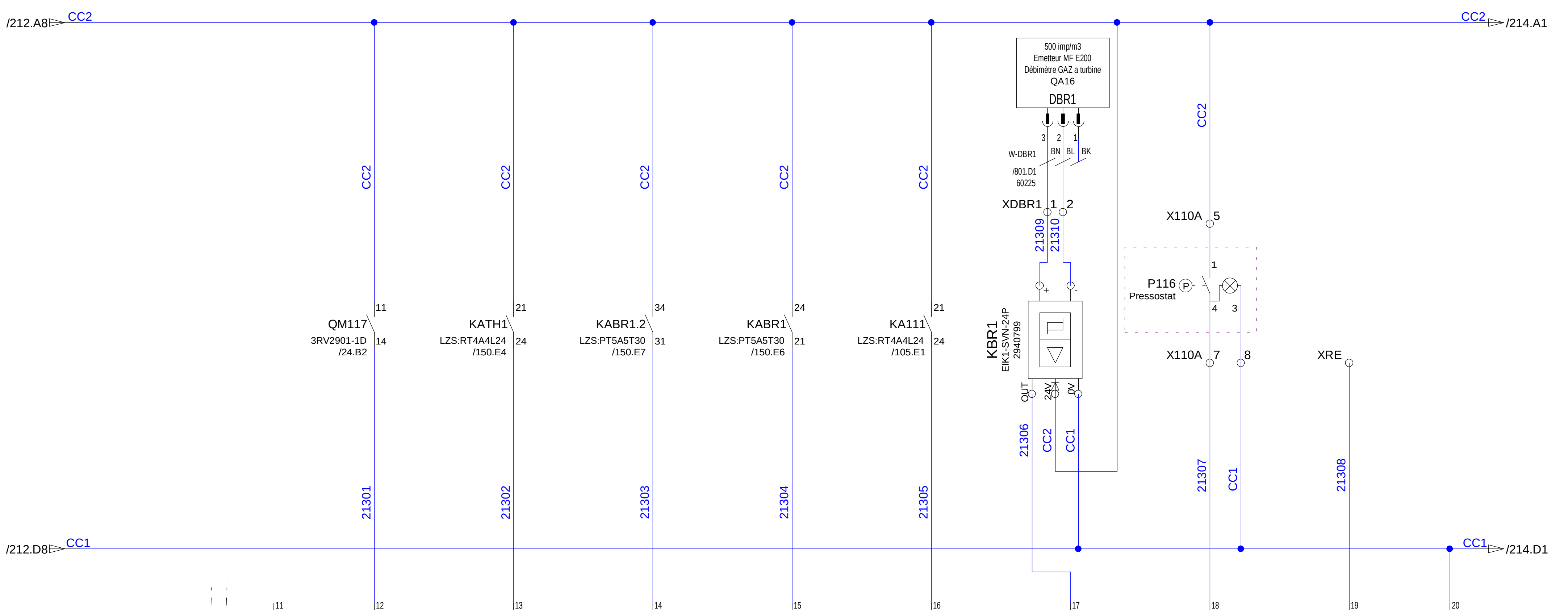
	Norm				LINWOODS	N° 1433B — Sheet 212 — Next 213
	Date	09/12/14				



11	12	13	14	15	16	17	18	19	20
	E3.0	E3.1	E3.2	E3.3	E3.4	E3.5	E3.6	E3.7	1M
	Motor disjunction Burner fan 1 Disjonction moteur Ventilateur bruleur 1	Thermostat fault Burner 1 Défaut thermostat Bruleur 1	Burner fault 1 Défaut bruleur 1	Burner relay power on 1 Bruleur en service 1	Max pressure switch Heating chamber 1 Pressostat max Chambre de chauffe 1	Gas flowmeter Burner 1 Débimètre GAZ Bruleur 1	Pressure switch oven entry Pressostat entrée four	Unused Non utilisé	

6ES7 321-1BH02-0AA0
CA5
/205.B4

Drawn	STEINMETZ F.	MECATHERM	Input E3.0->E3.7	Oven FDA
Checked			Entrées E3.0->E3.7	LINWOODS
Norm				N° 1433B
Date	09/12/14			

Modif.

Nbr.Pg. 61

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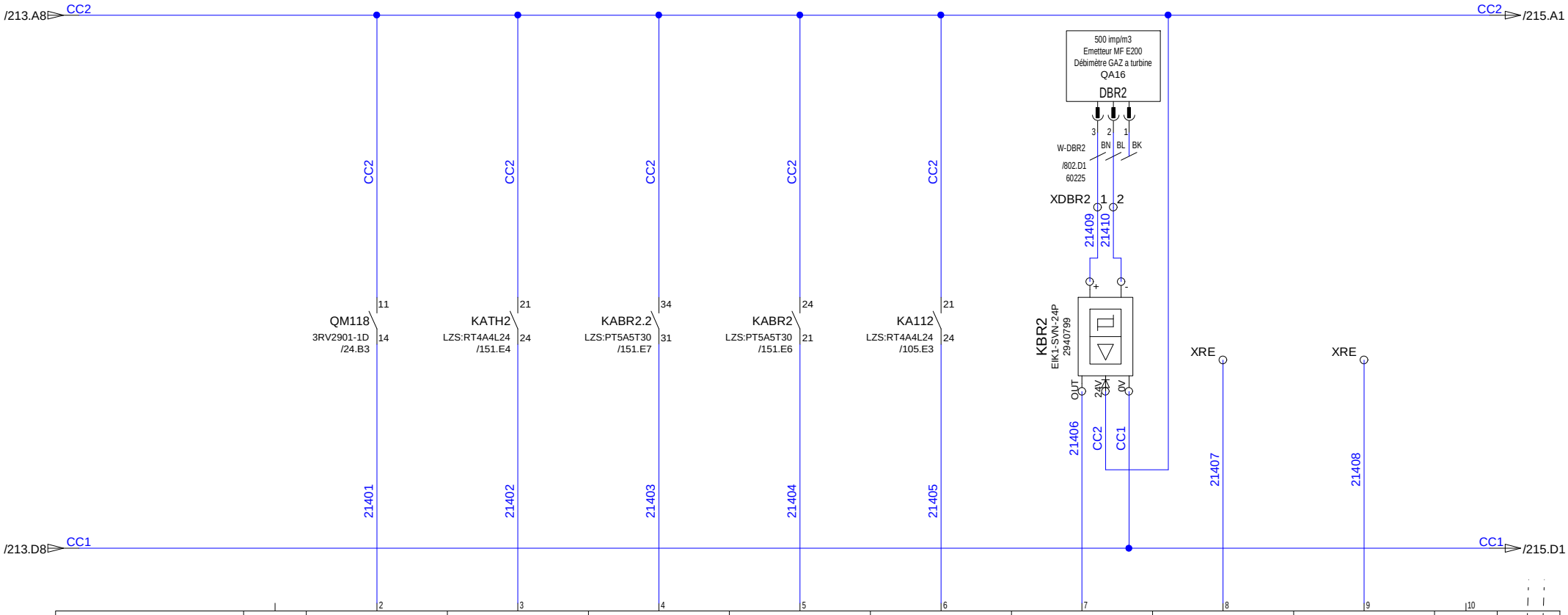
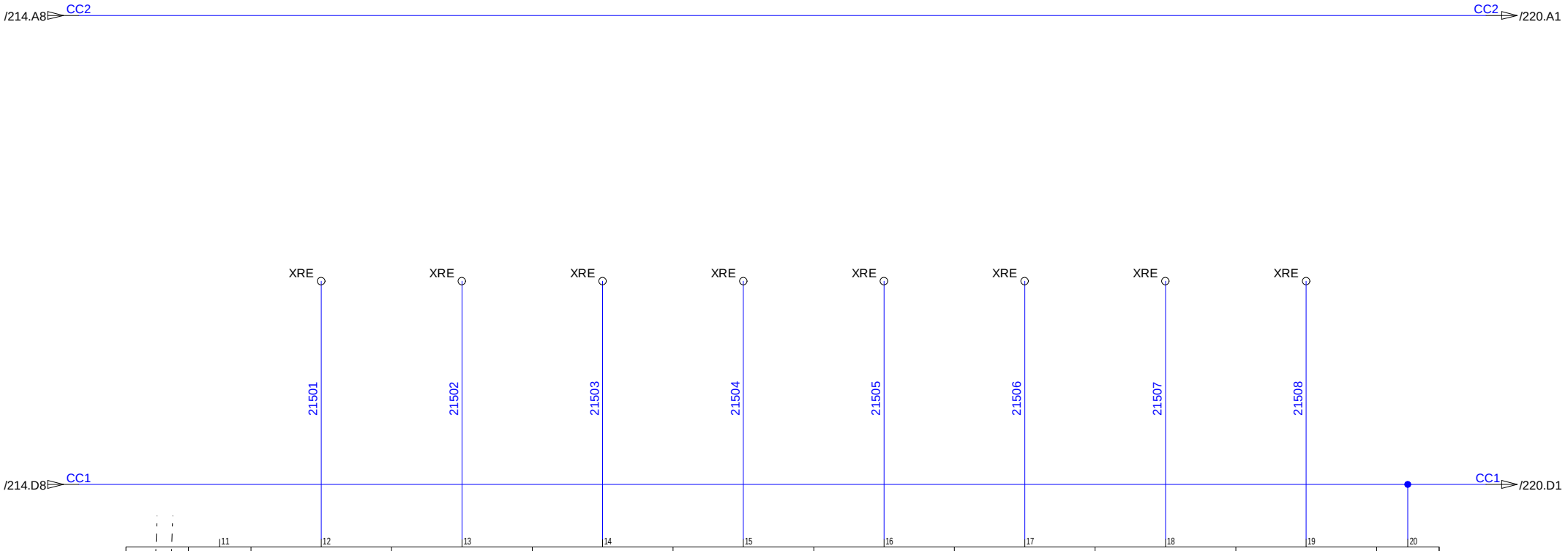


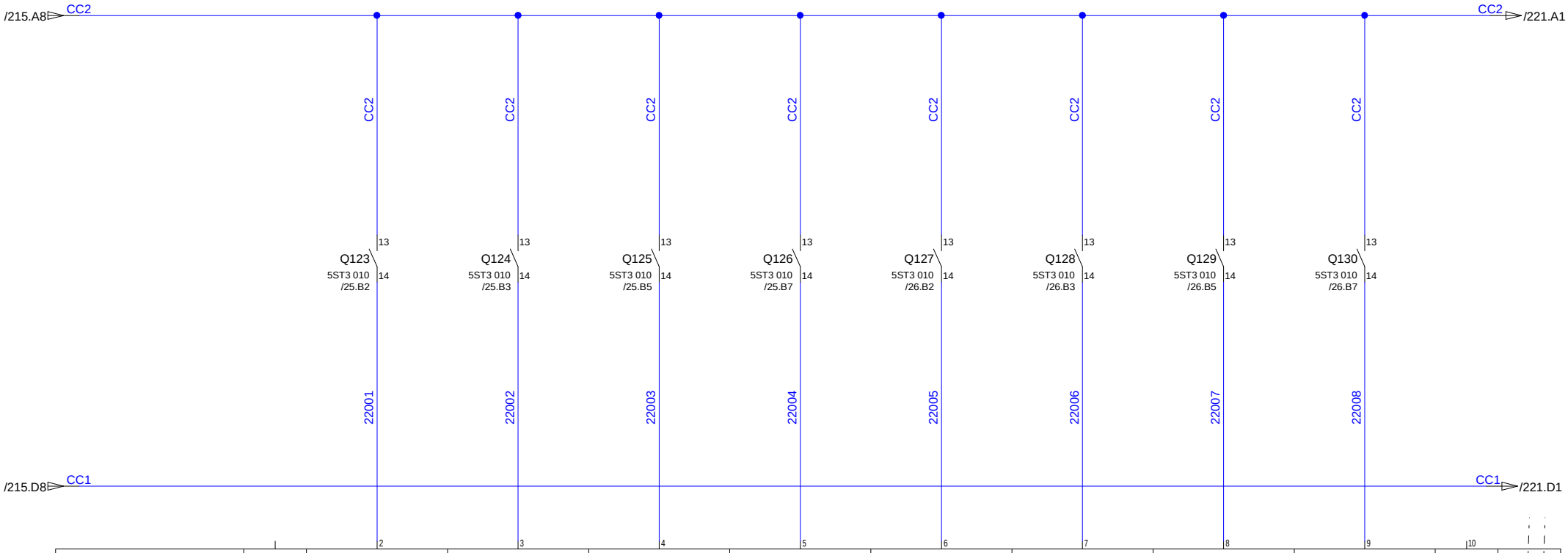
BORNE	1	2	3	4	5	6	7	8	9	10
ADRESSE	L+	E4.0	E4.1	E4.2	E4.3	E4.4	E4.5	E4.6	E4.7	
CA6 /205.B4 6E3S7321-1BH02-0AA0 + 6ES7392-1AJ00-0AA0		Motor disjunction Burner fan 2	Thermostat fault Burner 2	Burner fault 2	Burner relay power on 2	Max pressure switch Heating chamber 2	Gas flowmeter Burner 2	Unused	Unused	
DESIGNATION		Disjonction moteur Ventilateur bruleur 2	Défaut thermostat Bruleur 2	Défaut bruleur 2	Bruleur en service 2	Pressostat max Chambre de chauffe 2	Débimètre GAZ Bruleur 2	Non utilisé	Non utilisé	

Modif.	Drawn	STEINMETZ F.	MECATHERM	Input E4.0->E4.7 Entrées E4.0->E4.7	Oven FDA	Nbr.Pg. 61
	Checked					
	Norm				LINWOODS	N° 1433B — Sheet 214 — Next 215
	Date	09/12/14				



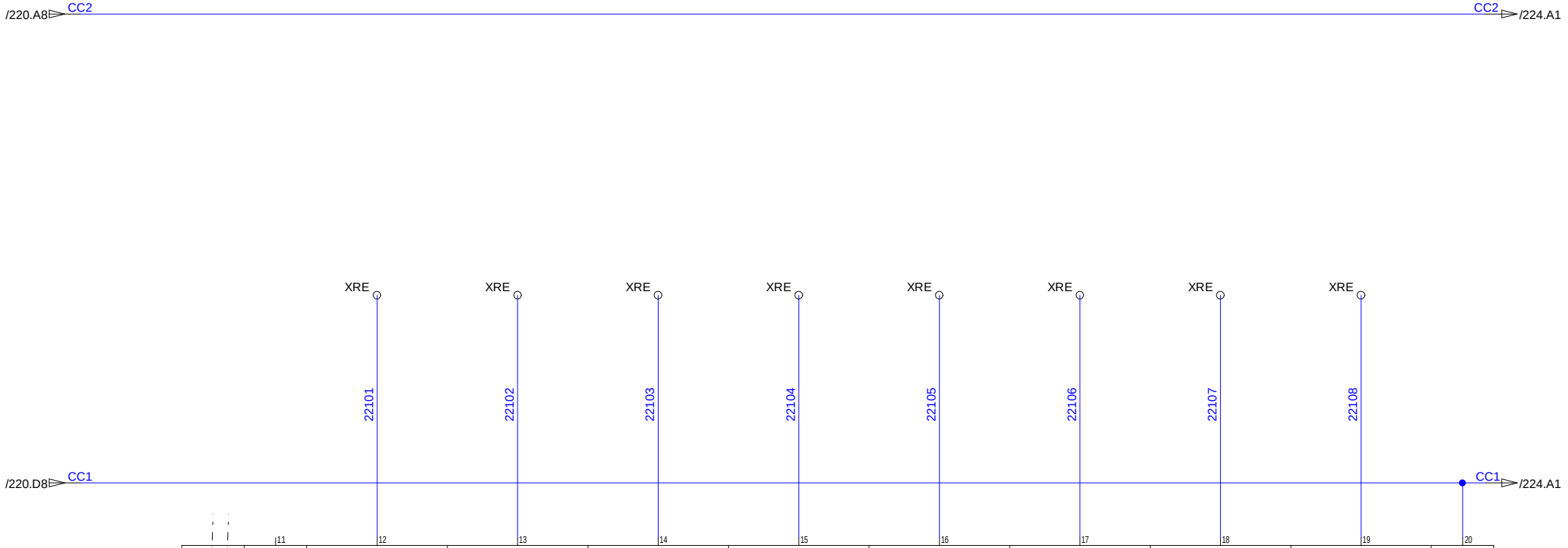
	11	12	13	14	15	16	17	18	19	20
		E5.0	E5.1	E5.2	E5.3	E5.4	E5.5	E5.6	E5.7	1M
CA6 /205.B4		Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	

Modif.		Drawn	STEINMETZ F.	MECATHERM	Input E5.0->E5.7 Entrées E5.0->E5.7	Oven FDA LINWOODS	N° 1433B
		Checked					Sheet 215
		Norm					Next 220
		Date	09/12/14				Nbr.Pg. 61



BORNE	1	2	3	4	5	6	7	8	9	10
ADRESSE	L+	E10.0	E10.1	E10.2	E10.3	E10.4	E10.5	E10.6	E10.7	
CA7 /205.B4 6E3S7321-1BH02-0AA0 + 6ES7392-1AJ00-0AA0		Motor disjunction	Motor disjunction	Motor disjunction	Motor disjunction	Motor disjunction	Motor disjunction	Motor disjunction	Motor disjunction	
DESIGNATION		Pull cord vault box 1 Disjonction moteur Tirette voute caisson 1	Pull cord radiation box 1 Disjonction moteur Tirette rayonnement caisson 1	Pull cord sole box 1 Disjonction moteur Tirette sole caisson 1	Oura 1 Disjonction moteur Oura 1	Pull cord vault box 2 Disjonction moteur Tirette voute caisson 2	Pull cord radiation box 2 Disjonction moteur Tirette rayonnement caisson 2	Pull cord sole box 2 Disjonction moteur Tirette sole caisson 2	Oura 2 Disjonction moteur Oura 2	

Modif.		Drawn	STEINMETZ F.	MECATHERM	Input E10.0->E10.7 Entrées E10.0->E10.7	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B Sheet 220 Next 221
		Date	09/12/14				



	11	12	13	14	15	16	17	18	19	20
		E11.0	E11.1	E11.2	E11.3	E11.4	E11.5	E11.6	E11.7	1M
CA7 /205.B4		Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	

Modif.		Drawn	STEINMETZ F.	MECATHERM	Input E11.0->E11.7 Entrées E11.0->E11.7	Oven FDA LINWOODS	N° 1433B
		Checked					Sheet 221
		Norm					Next 224
		Date	09/12/14				Nbr.Pg. 61

/207.A8 PE
/221.A8 CC2
/221.D8 CC1
PE /226.A1
CC2 /226.A1
CC1 /226.A1

CO2
GMW115
24V 0 V 0
XCO2 2 1 4 3
CC2 CC1 PE
/10.D5 1007 CC1 /227.B5
22400 22401
CC1

TC13 THERMOCOUPLE J
TC14 THERMOCOUPLE J
TC15 THERMOCOUPLE J
TC16 THERMOCOUPLE J

WTC13 +bk -wh /801.D4 60363
WTC14 +bk -wh /801.D4 60363
WTC15 +bk -wh /802.D4 60363
WTC16 +bk -wh /802.D4 60363

BORNE	1	2 3	4 5	6 7	8 9	10	11	12 13	14 15	16 17	18 19	20
ADRESSE	L+	PEW300	PEW302	PEW304	PEW306			PEW308	PEW310	PEW312	PEW314	M
CA8 /205.B5 6ES7 331-7KF02-0AB0 + 6ES7 392-1AJ00-0AA0		CO2 Detector	Unused	Temperature measurement Burner intake air 1	Temperature measurement Burner radiation heat 1			Temperature measurement Burner intake air 2	Temperature measurement Burner radiation heat 2	Unused	Unused	
DESIGNATION		Détecteur de CO2	Non utilisé	Mesure température Air aspiré bruleur 1	Mesure température Rayonnement bruleur 1			Mesure température Air aspiré bruleur 2	Mesure température Rayonnement bruleur 2	Non utilisé	Non utilisé	
A : Pt100 B : 0-10V C : 4 WIRE CURRENT D : 2 WIRE CURRENT		A ☐ B ■ C ☐ D ☐		A ■ B ☐ C ☐ D ☐				A ■ B ☐ C ☐ D ☐		A ■ B ☐ C ☐ D ☐		

Modif

Drawn STEINMETZ F.
Checked
Norm
Date 09/12/14

MECATHERM

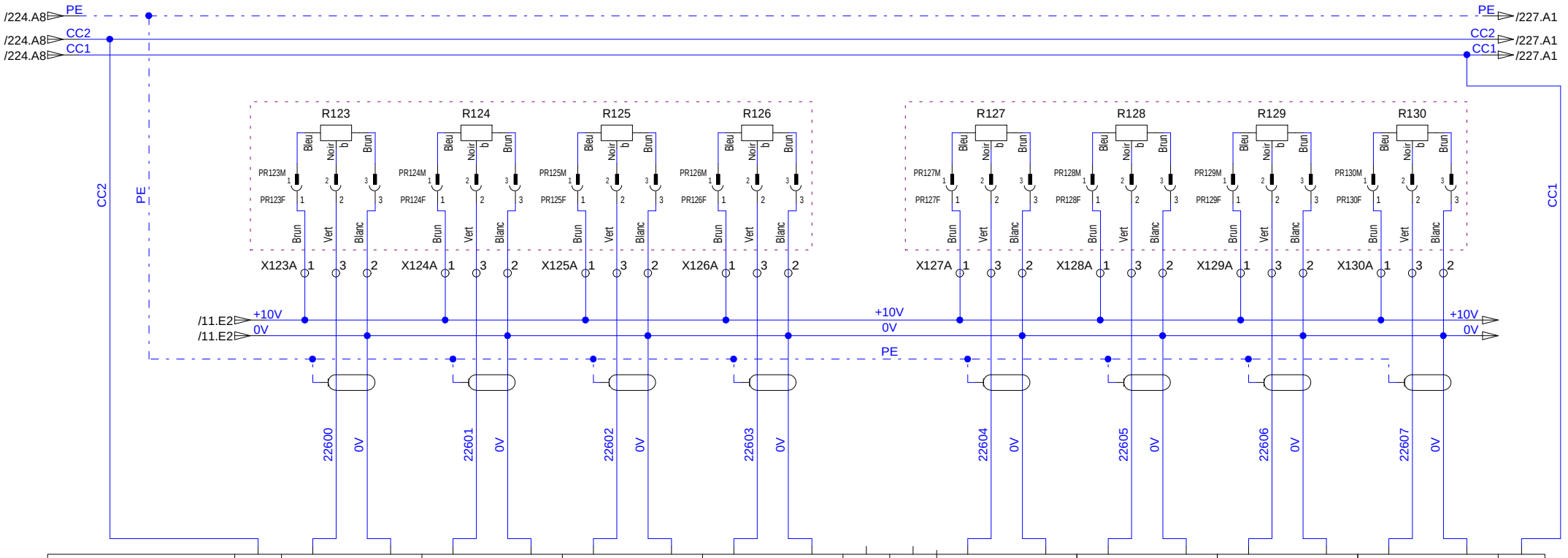
Input PEW300->PEW314
Entrées PEW300->PEW314

Oven FDA

LINWOODS

N° 1433B

Nbr.Pg. 61
Sheet 224
Next 226

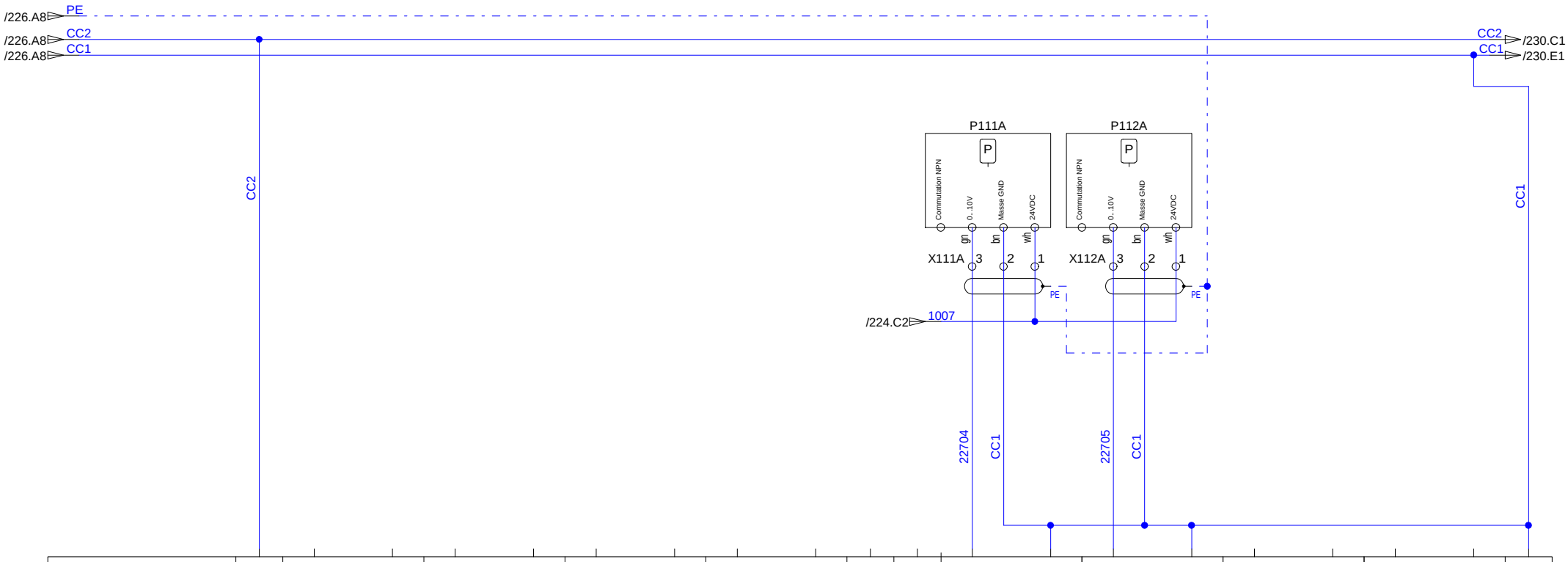


BORNE	1	2 3	4 5	6 7	8 9	10	11	12 13	14 15	16 17	18 19	20
ADRESSE	L+	PEW332	PEW334	PEW336	PEW338			PEW340	PEW342	PEW344	PEW346	M
6ES7 331-7KF02-0AB0 + 6ES7 392-1AJ00-0AA0		Setting Potentiometer Vault box 1	Setting Potentiometer Radiation box 1	Setting Potentiometer Sole box 1	Setting Potentiometer Oura 1			Setting Potentiometer Vault box 2	Setting Potentiometer Radiation box 2	Setting Potentiometer Sole box 2	Setting Potentiometer Oura 2	
DESIGNATION		Potentiomètre réglage Voute caisson 1	Potentiomètre réglage Rayonnement caisson 1	Potentiomètre réglage Sole caisson 1	Potentiomètre réglage Oura 1			Potentiomètre réglage Voute caisson 2	Potentiomètre réglage Rayonnement caisson 2	Potentiomètre réglage Sole caisson 2	Potentiomètre réglage Oura 2	
A : Pt100 B : 0-10V C : 4 WIRE CURRENT D : 2 WIRE CURRENT		A ☐ B ■ C ☐ D ☐		A ☐ B ■ C ☐ D ☐				A ☐ B ■ C ☐ D ☐		A ☐ B ■ C ☐ D ☐		

CA9
/205.B5

Modif		Drawn	STEINMETZ F.	MECATHERM	Input PEW332->PEW346 Entrées PEW332->PEW346	Oven FDA
		Checked				LINWOODS
		Norm				N° 1433B
		Date	09/12/14			Sheet 226 / Next 227

Nbr.Pg. 61

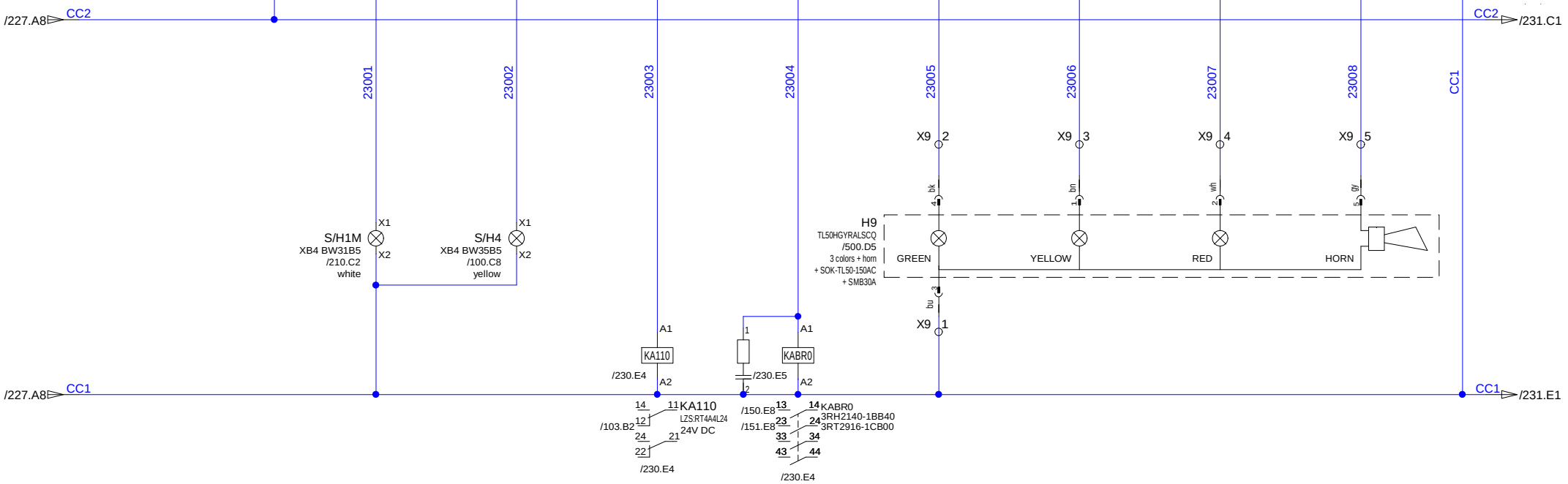


BORNE	1	2 3	4 5	6 7	8 9	10	11	12 13	14 15	16 17	18 19	20
ADRESSE	L+	PEW348	PEW350	PEW352	PEW354			PEW356	PEW358	PEW360	PEW362	M
6ES7 331-7KF02-0AB0 + 6ES7 392-1AJ00-0AA0		Unused	Unused	Unused	Unused			Measuring pressure 1	Measuring pressure 2	Unused	Unused	
DESIGNATION		Non utilisé	Non utilisé	Non utilisé	Non utilisé			Mesure pression 1	Mesure pression 2	Non utilisé	Non utilisé	
A : Pt100 B : 0-10V C : 4 WIRE CURRENT D : 2 WIRE CURRENT		A ☐ B ■ C ☐ D ☐		A ☐ B ■ C ☐ D ☐				A ☐ B ■ C ☐ D ☐		A ☐ B ■ C ☐ D ☐		

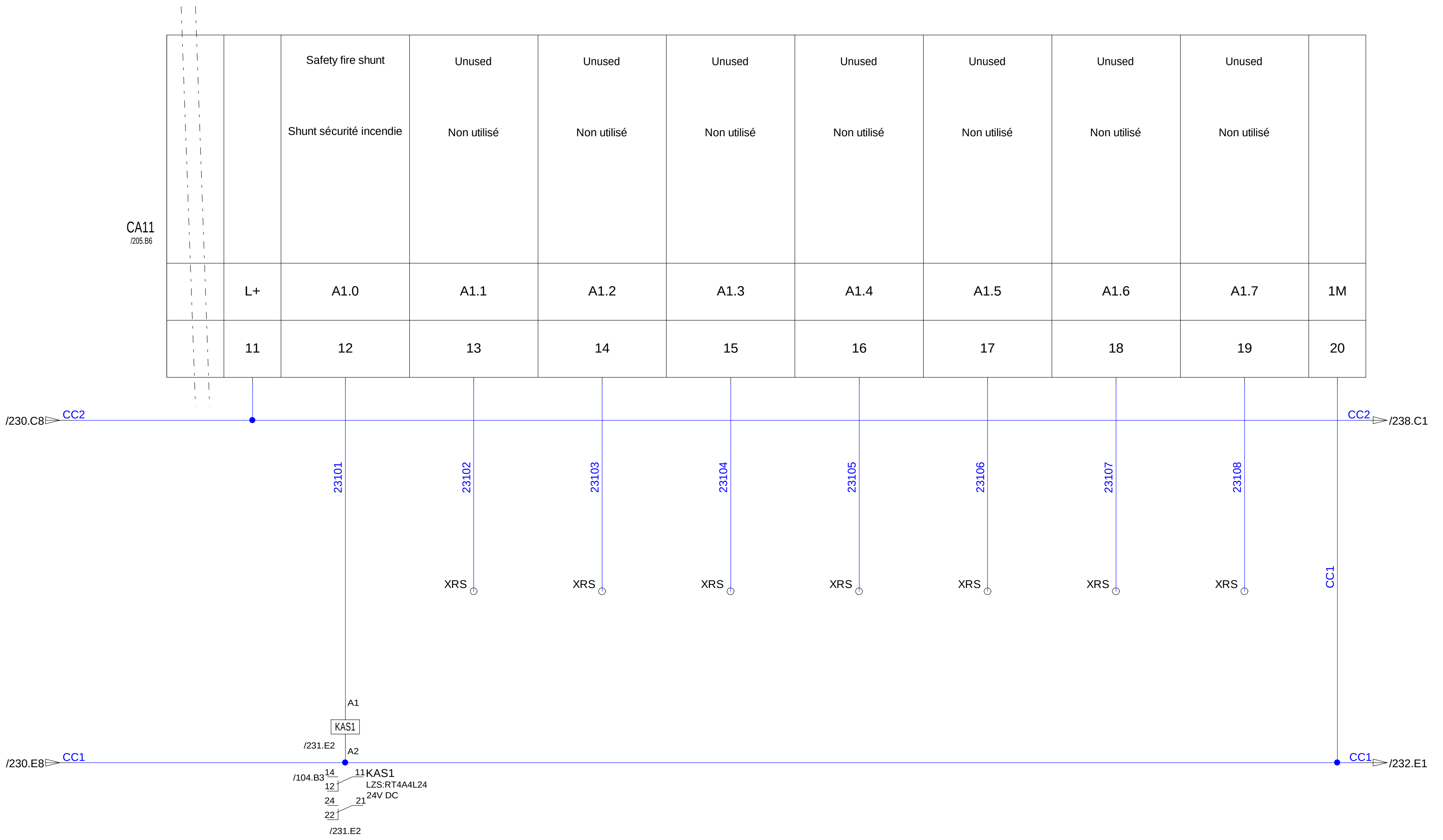
CA10
/205.B6

Modif.		Drawn	STEINMETZ F.	MECATHERM	Input PEW348->PEW362 Entrées PEW348->PEW362	Oven FDA	Nbr.Pg. 61
		Checked				LINWOODS	N° 1433B Sheet 227 Next 230
		Norm					
		Date	09/12/14				

DESIGNATION		Run cycle lamp Oven Voyant marche cycle Four	Reset lamp Oven Voyant acquittement Four	Fan stop burner Arrêt ventilateurs bruleurs	Reset burner Reset bruleurs	Cell green Elément vert	Cell orange Elément orange	Cell red Elément rouge	Beacon horn Balise klaxon	
CA11 /205.B6 — 6ES7 322-1BH01-0AA0 + 6ES7 392-1AJ00-0AA0										
ADRESSE	L+	A0.0	A0.1	A0.2	A0.3	A0.4	A0.5	A0.6	A0.7	
BORNE	1	2	3	4	5	6	7	8	9	10



Modif		Drawn	STEINMETZ F.	MECATHERM	Output A0.0->A0.7 Sorties A0.0->A0.7	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B — Sheet 230 — Next 231
		Date	09/12/14				



Modif.	Drawn	STEINMETZ F.	MECATHERM
	Checked		
	Norm		
	Date	09/12/14	

Output A1.0->A1.7
Sorties A1.0->A1.7

Oven FDA

LINWOODS

N° 1433B

Nbr.Pg. 61

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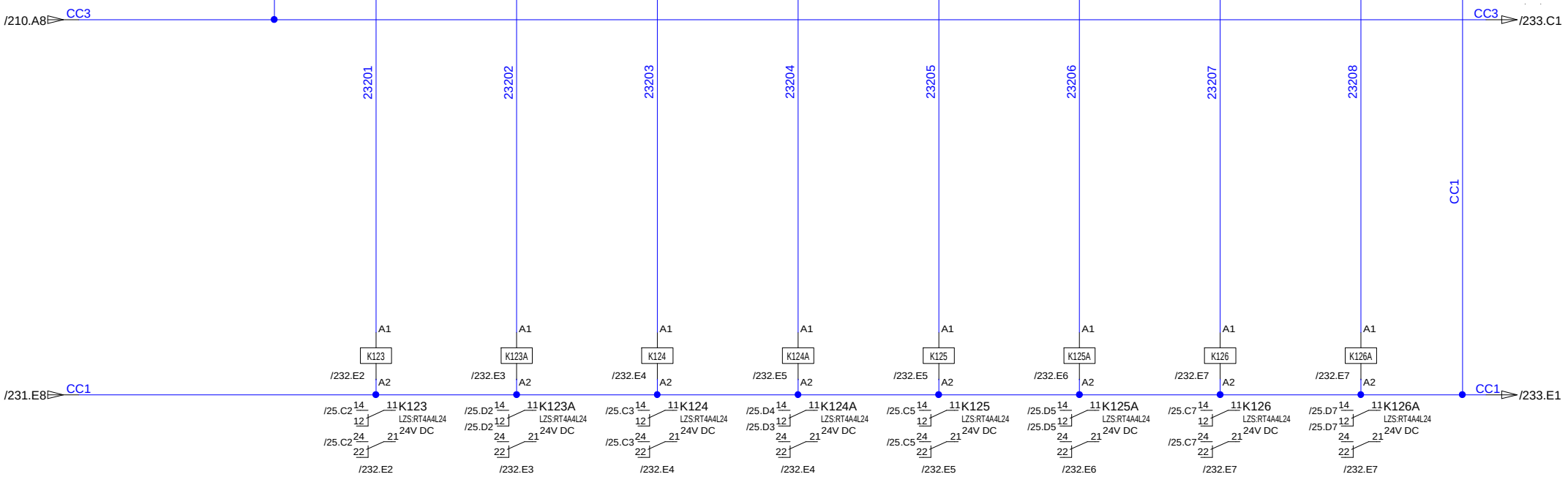
DESIGNATION		Opening Pull cord vault box 1 Ouverture Tirette voute caisson 1	Closure Pull cord vault box 1 Fermeture Tirette voute caisson 1	Opening Pull cord radiation box 1 Ouverture Tirette rayonnement caisson 1	Closure Pull cord radiation box 1 Fermeture Tirette rayonnement caisson 1	Opening Pull cord sole box 1 Ouverture Tirette sole caisson 1	Closure Pull cord sole box 1 Fermeture Tirette sole caisson 1	Opening Oura 1 Ouverture Oura 1	Closure Oura 1 Fermeture Oura 1	
CA4-1 /205.C5 6ES7 322-1BH01-0AA0 + 6ES7 392-1AJ00-0AA0										
ADRESSE	L+	A2.0	A2.1	A2.2	A2.3	A2.4	A2.5	A2.6	A2.7	
BORNE	1	2	3	4	5	6	7	8	9	10



Modif		Drawn	STEINMETZ F.	MECATHERM	Output A2.0->A2.7 Sorties A2.0->A2.7	Oven FDA	Nbr.Pg. 61
		Checked				LINWOODS	N° 1433B
		Norm					Sheet 232 / Next 233
		Date	09/12/14				

		Opening Pull cord vault box 2 Ouverture Tirette voute caisson 2	Closure Pull cord vault box 2 Fermeture Tirette voute caisson 2	Opening Pull cord radiation box 2 Ouverture Tirette rayonnement caisson 2	Closure Pull cord radiation box 2 Fermeture Tirette rayonnement caisson 2	Opening Pull cord sole box 2 Ouverture Tirette sole caisson 2	Closure Pull cord sole box 2 Fermeture Tirette sole caisson 2	Opening Oura 2 Ouverture Oura 2	Closure Oura 2 Fermeture Oura 2	
6ES7 322-1BH01-0AA0 CA4-1 /205.C5	L+	A3.0	A3.1	A3.2	A3.3	A3.4	A3.5	A3.6	A3.7	1M
	11	12	13	14	15	16	17	18	19	20

/232.C8 CC3 — CC3 /236.C1

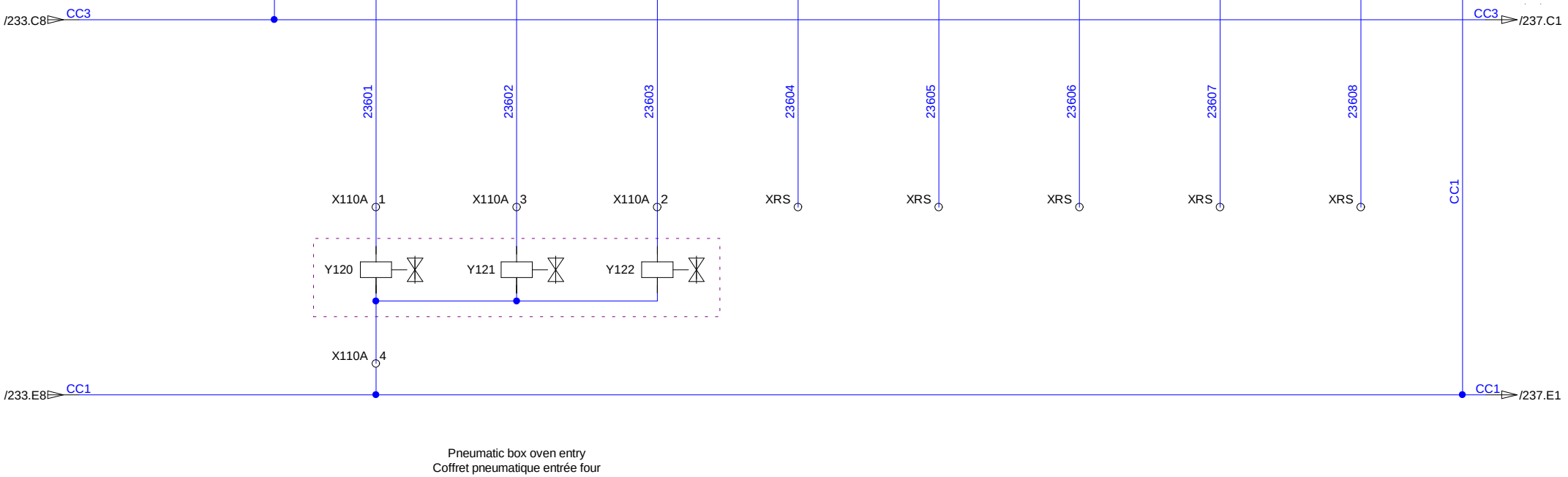
/232.E8 CC1 — CC1 /236.E1

23301 23302 23303 23304 23305 23306 23307 23308 CC1

	K127	K127A	K128	K128A	K129	K129A	K130	K130A
	/233.E2	/233.E3	/233.E4	/233.E4	/233.E5	/233.E6	/233.E6	/233.E7
A1	A1	A1	A1	A1	A1	A1	A1	A1
A2	A2	A2	A2	A2	A2	A2	A2	A2
	/26.C2 14 11 K127	/26.D2 14 11 K127A	/26.C3 14 11 K128	/26.D4 14 11 K128A	/26.C5 14 11 K129	/26.D5 14 11 K129A	/26.C7 14 11 K130	/26.D7 14 11 K130A
	/26.C2 12 LZS:RT4A4L24	/26.D2 12 LZS:RT4A4L24	/26.C3 12 LZS:RT4A4L24	/26.D3 12 LZS:RT4A4L24	/26.C5 12 LZS:RT4A4L24	/26.D5 12 LZS:RT4A4L24	/26.C7 12 LZS:RT4A4L24	/26.D7 12 LZS:RT4A4L24
	/26.C2 24 21 24V DC	/26.D2 24 21 24V DC	/26.C3 24 21 24V DC	24 21 24V DC	/26.C5 24 21 24V DC	/26.D5 24 21 24V DC	/26.C7 24 21 24V DC	/26.D7 24 21 24V DC
	/26.C2 22	/26.D2 22	/26.C3 22	22	/26.C5 22	22	/26.C7 22	/26.D7 22
	/233.E2	/233.E3	/233.E3	/233.E4	/233.E5	/233.E6	/233.E6	/233.E7

Modif.		Drawn	STEINMETZ F.	MECATHERM	Output A3.0->A3.7 Sorties A3.0->A3.7	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B
		Date	09/12/14				Sheet 233 / Next 236

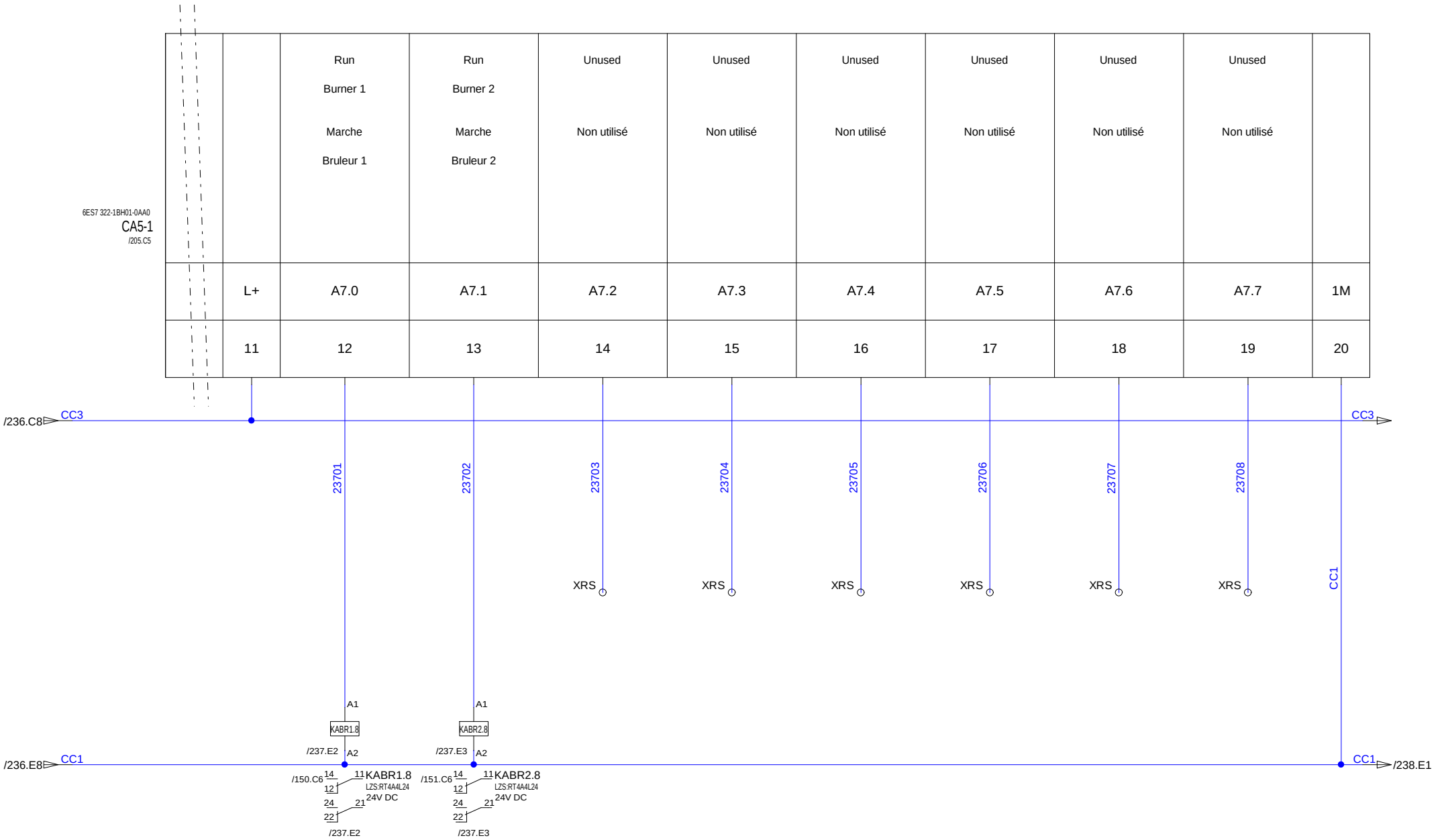
DESIGNATION		Air supply oven entry Mise en pression entrée four	Steam valve Vanne vapeur	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé	Unused Non utilisé		
CA5-1 /205.C5 6ES7 322-1BH01-0AA0 + 6ES7 392-1AJ00-0AA0											
ADRESSE	L+	A6.0	A6.1	A6.2	A6.3	A6.4	A6.5	A6.6	A6.7		
BORNE	1	2	3	4	5	6	7	8	9	10	



Pneumatic box oven entry
Coffret pneumatique entrée four

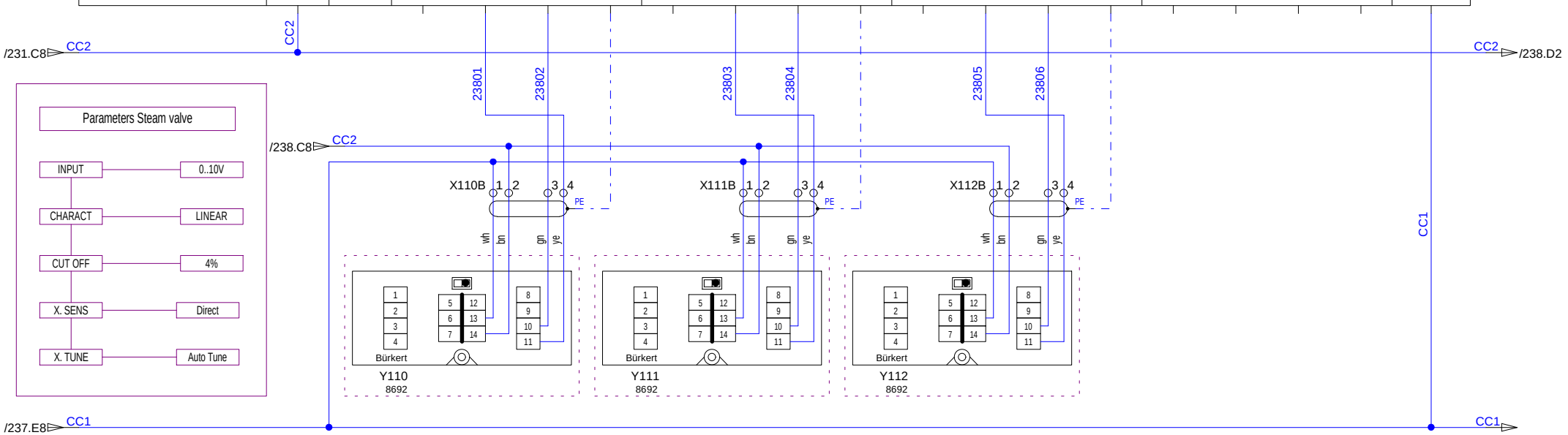
Modif.		Drawn	STEINMETZ F.	MECATHERM	Output A6.0->A6.7 Sorties A6.0->A6.7	Oven FDA
		Checked				LINWOODS
		Norm				N° 1433B
		Date	09/12/14			Sheet 236 / Next 237

Nbr.Pg. 61

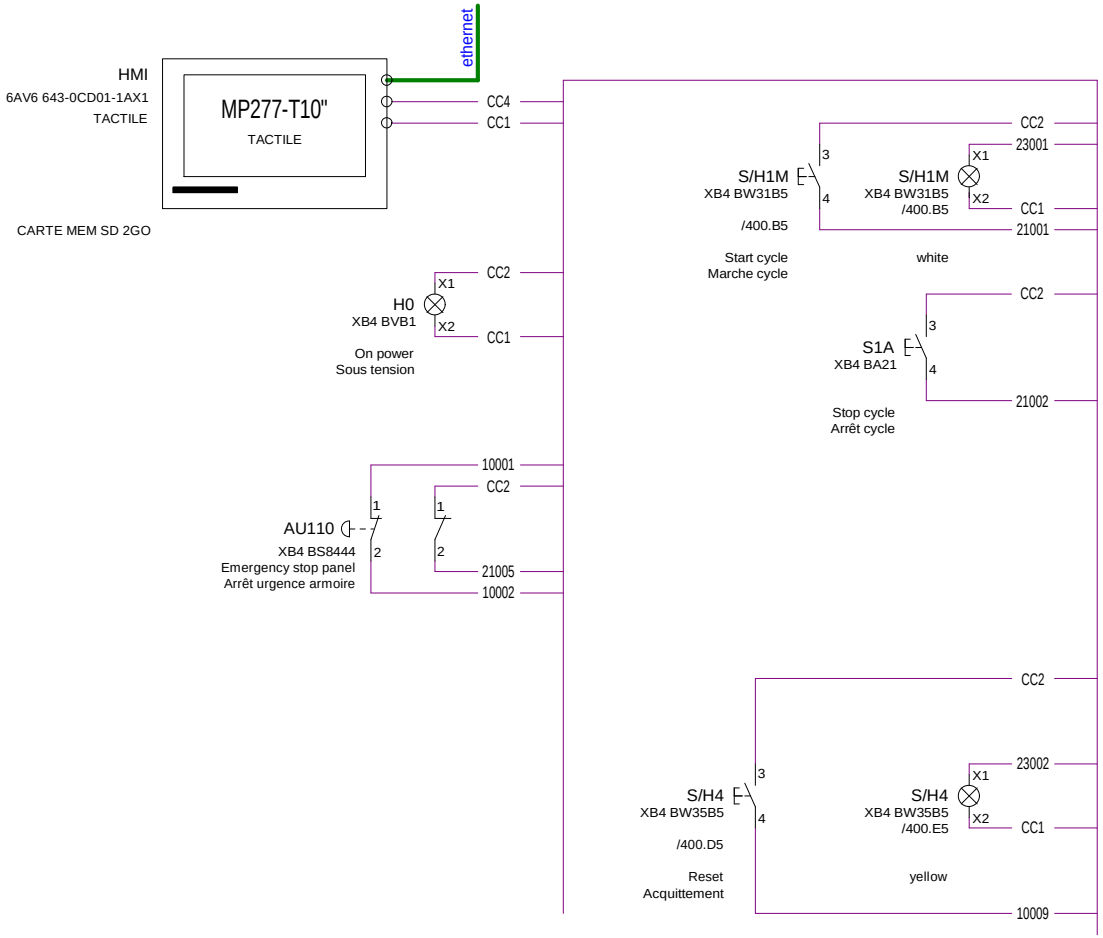


Modif.		Drawn	STEINMETZ F.	MECATHERM	Output A7.0->A7.7 Sorties A7.0->A7.7	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B — Sheet 237 — Next 238
		Date	09/12/14				

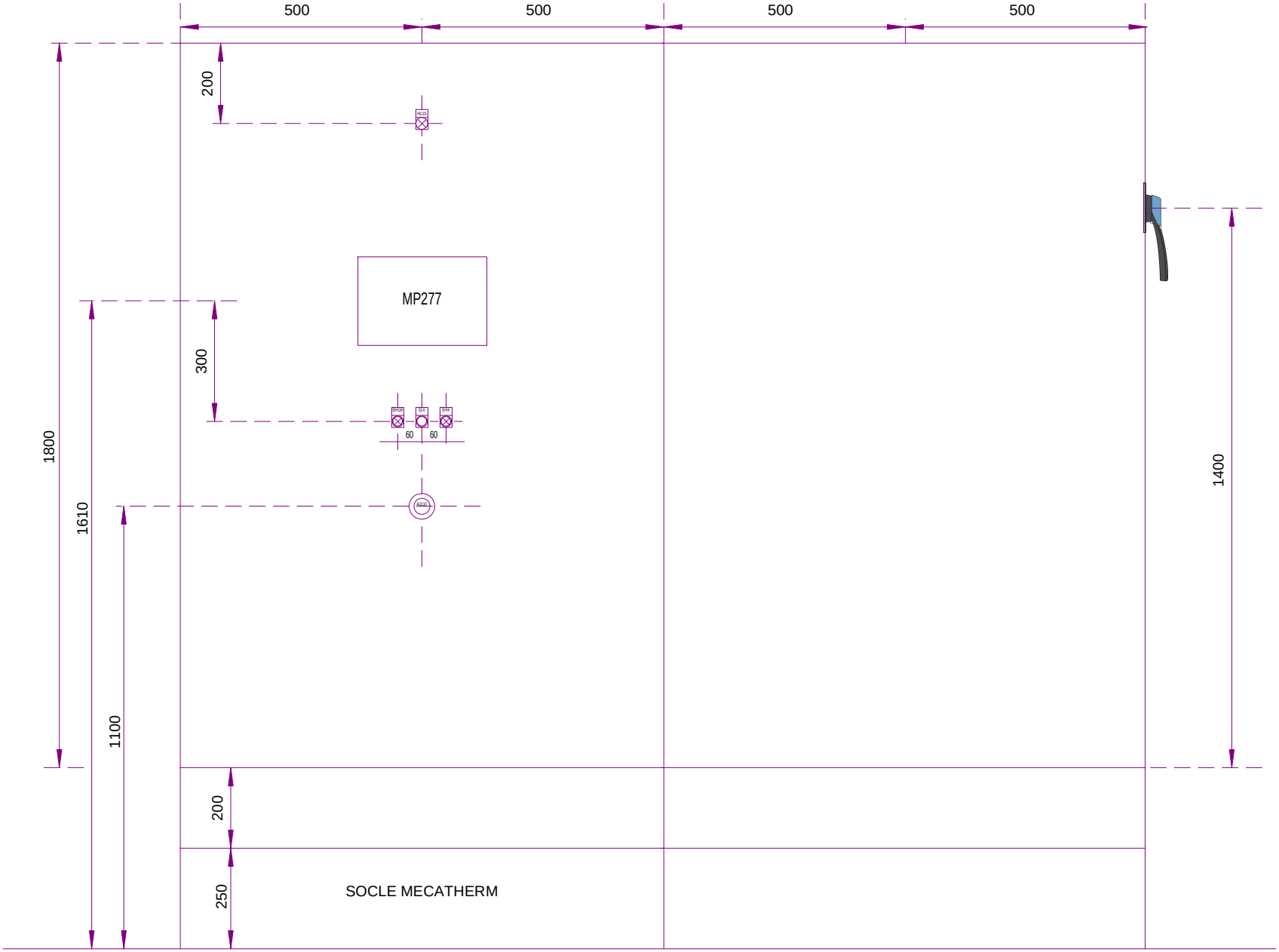
			Steam valve oven entry Vanne vapeur entrée four	Steam valve box 1 Vanne vapeur caisson 1	Steam valve box 2 Vanne vapeur caisson 2	Unused Non utilisé	
CA6-1 /205.C6	DESIGNATION						
	6ES7 332-5HD01-0AB0 + 6ES7392-1AJ00-0AA0						
	ADRESSE	L+	PAW300	PAW302	PAW304	PAW306	M
	BORNE	1	3 (+) 4 5 (-) 6	7 (+) 8 9 (-) 10	11 (+) 12 13 (-) 14	15 (+) 16 17 (-) 18	20



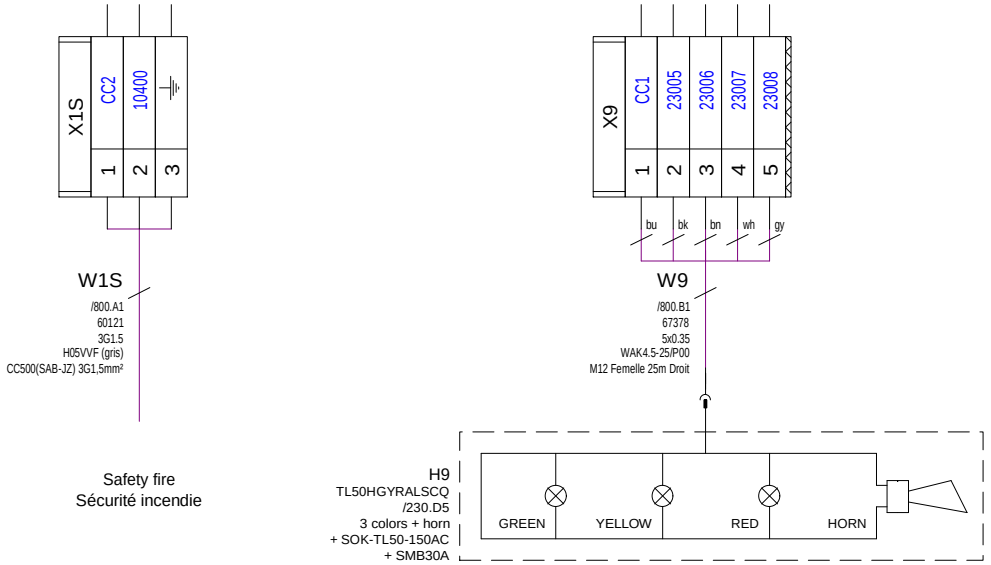
Modif		Drawn	STEINMETZ F.	MECATHERM	Output PAW300 -> PAW306 Sorties PAW300 -> PAW306	Oven FDA	Nbr.Pg. 61
		Checked				LINWOODS	N° 1433B
		Norm					Sheet 238 / Next 400
		Date	09/12/14				



Modif.		Drawn	STEINMETZ F.	MECATHERM	Panel door synoptic Implantation porte armoire	Oven FDA		Nbr.Pg. 61
		Checked						
		Norm				LINWOODS	N° 1433B	Sheet 400 / Next 401
		Date	09/12/14					



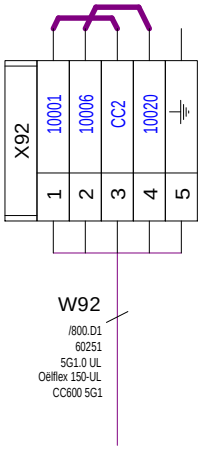
Modif.	Drawn	STEINMETZ F.	MECATHERM	Panel door synoptic Implantation porte armoire	Oven FDA	Nbr.Pg. 61
	Checked					
	Norm				LINWOODS	N° 1433B — Sheet 401 — Next 500
	Date	09/12/14				



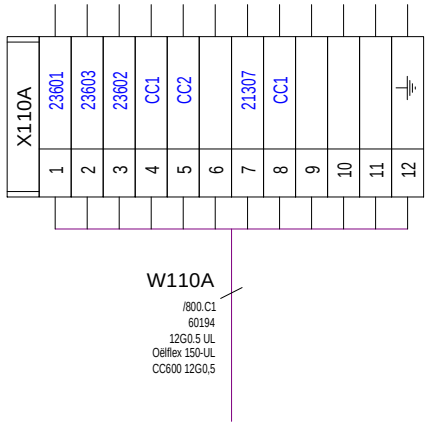
Safety fire
Sécurité incendie

Beacon FDA
Balise lumineuse FDA

Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips XPC-X1S-X9 Borniers XPC-X1S-X9	Oven FDA LINWOODS N° 1433B
		Checked				Sheet 500 / Next 501
		Norm				Nbr.Pg. 61
		Date	09/12/14			

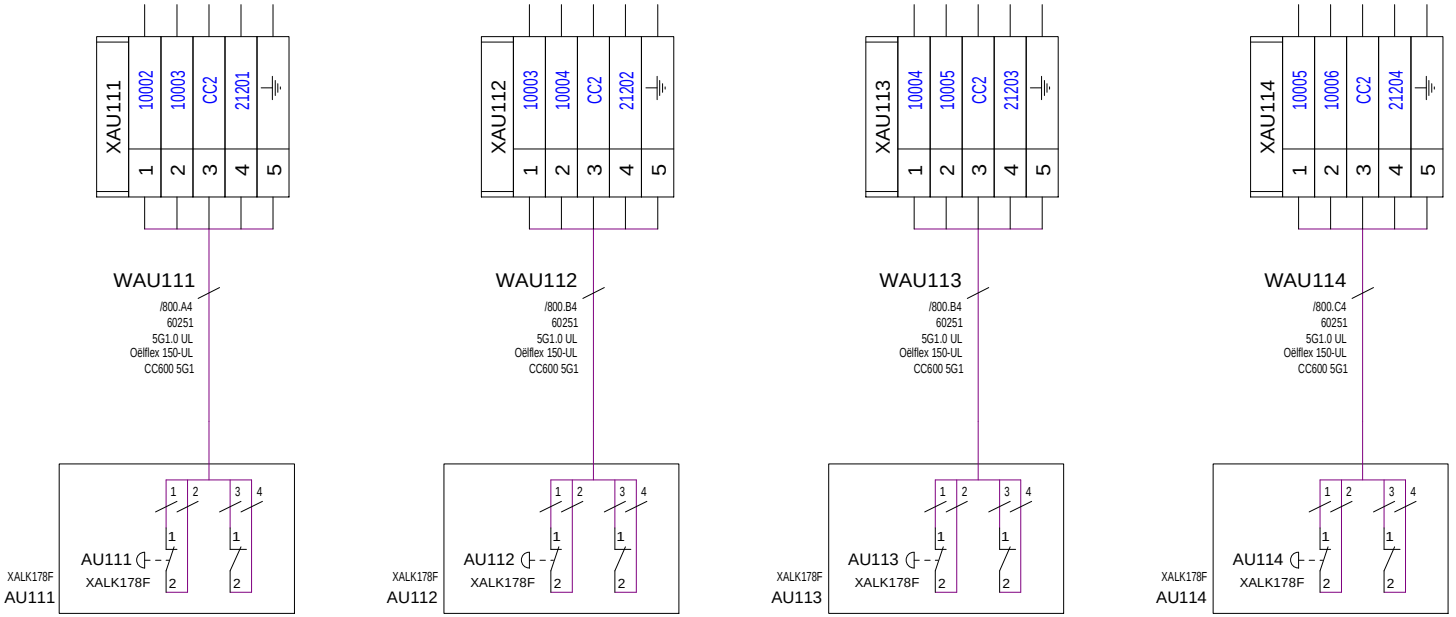


Interface oven / Conveying
Interface four / Convoyage



Pneumatic box oven entry
Coffret pneumatique entrée four

Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips X110A-X92 Borniers X110A-X92	Oven FDA LINWOODS
		Checked				N° 1433B
		Norm				Sheet 501 / Next 503
		Date	09/12/14			Nbr.Pg. 61



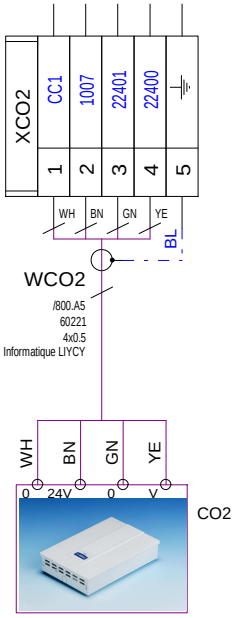
Oven entry left E.S.
ATU gauche entrée four

Oven entry right E.S.
ATU droit entrée four

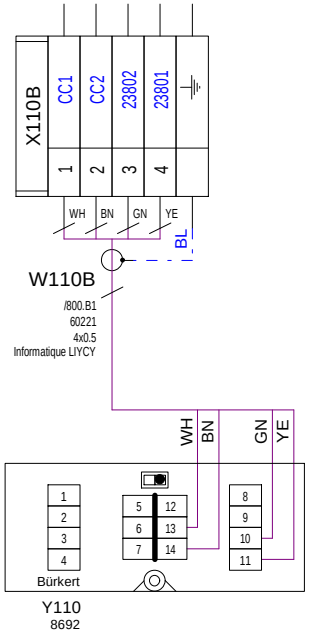
Oven exit left E.S.
ATU gauche sortie four

Oven exit right E.S.
ATU droit sortie four

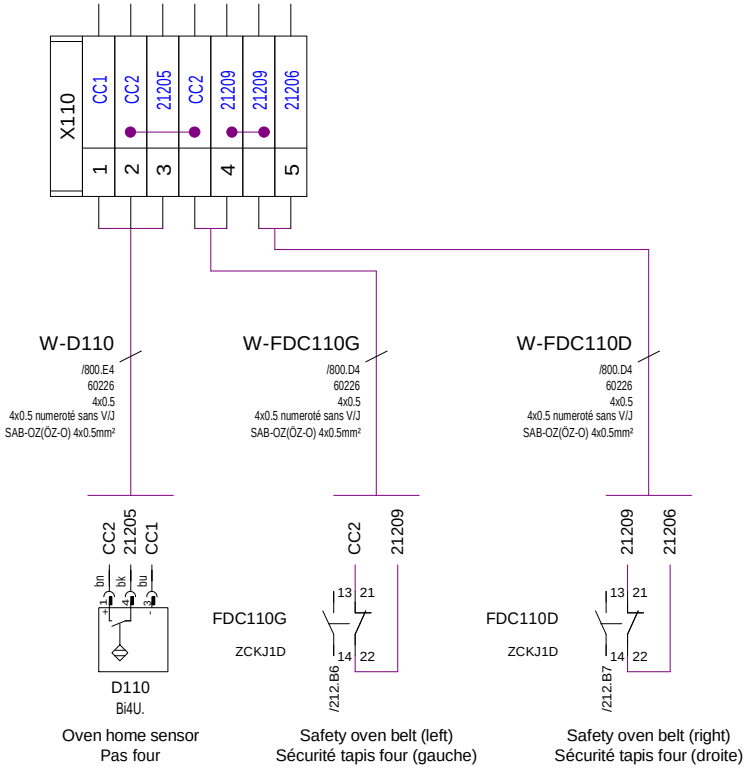
Modif.	Drawn	STEINMETZ F.	MECATHERM	Terminal strips XAU111-XAU112-XAU113-XAU114 Borniers XAU111-XAU112-XAU113-XAU114	Oven FDA	Nbr.Pg. 61
	Checked					
	Norm				LINWOODS	N° 1433B
	Date	09/12/14				Sheet 503 / Next 504



CO2 Detector
Détecteur de CO2



Steam valve oven entry
Vanne vapeur entrée four

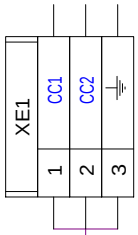


Oven home sensor
Pas four

Safety oven belt (left)
Sécurité tapis four (gauche)

Safety oven belt (right)
Sécurité tapis four (droite)

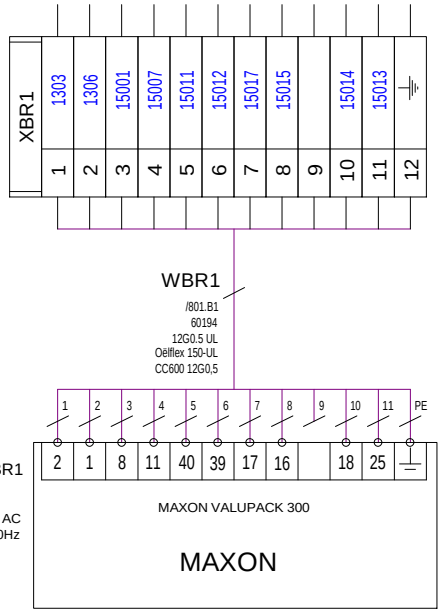
Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips XCO2-X110 Borniers XCO2-X110	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B Sheet 504 Next 505
		Date	09/12/14				



WE1
/801.A1
60241
3G1.5 UL
Oëlflex 150-UL
CC600 3G1.5

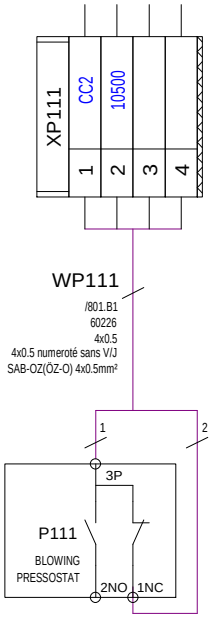
S1200
H1200

Oven lighting box 1
Eclairage four caisson 1



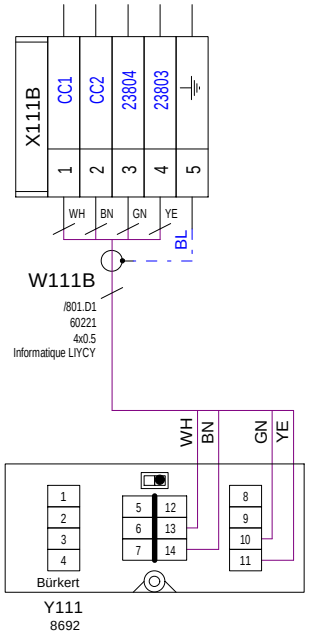
WBR1
/801.B1
60194
12G0.5 UL
Oëlflex 150-UL
CC600 12G0,5

Burner box 1
Bruleur caisson 1



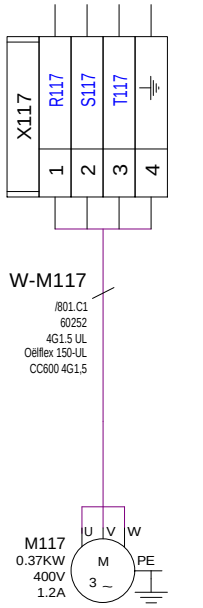
WP111
/801.B1
60226
4x0.5
4x0.5 numeroté sans V/J
SAB-OZ(ÖZ-O) 4x0.5mm²

Heating chamber max pressure switch 1
Pressostat max chambre de chauffe 1



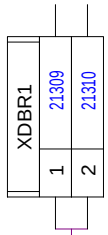
W111B
/801.D1
60221
4x0.5
Informatique LIYCY

Steam valve box 1
Vanne vapeur caisson 1



W-M117
/801.C1
60252
4G1.5 UL
Oëlflex 150-UL
CC600 4G1,5

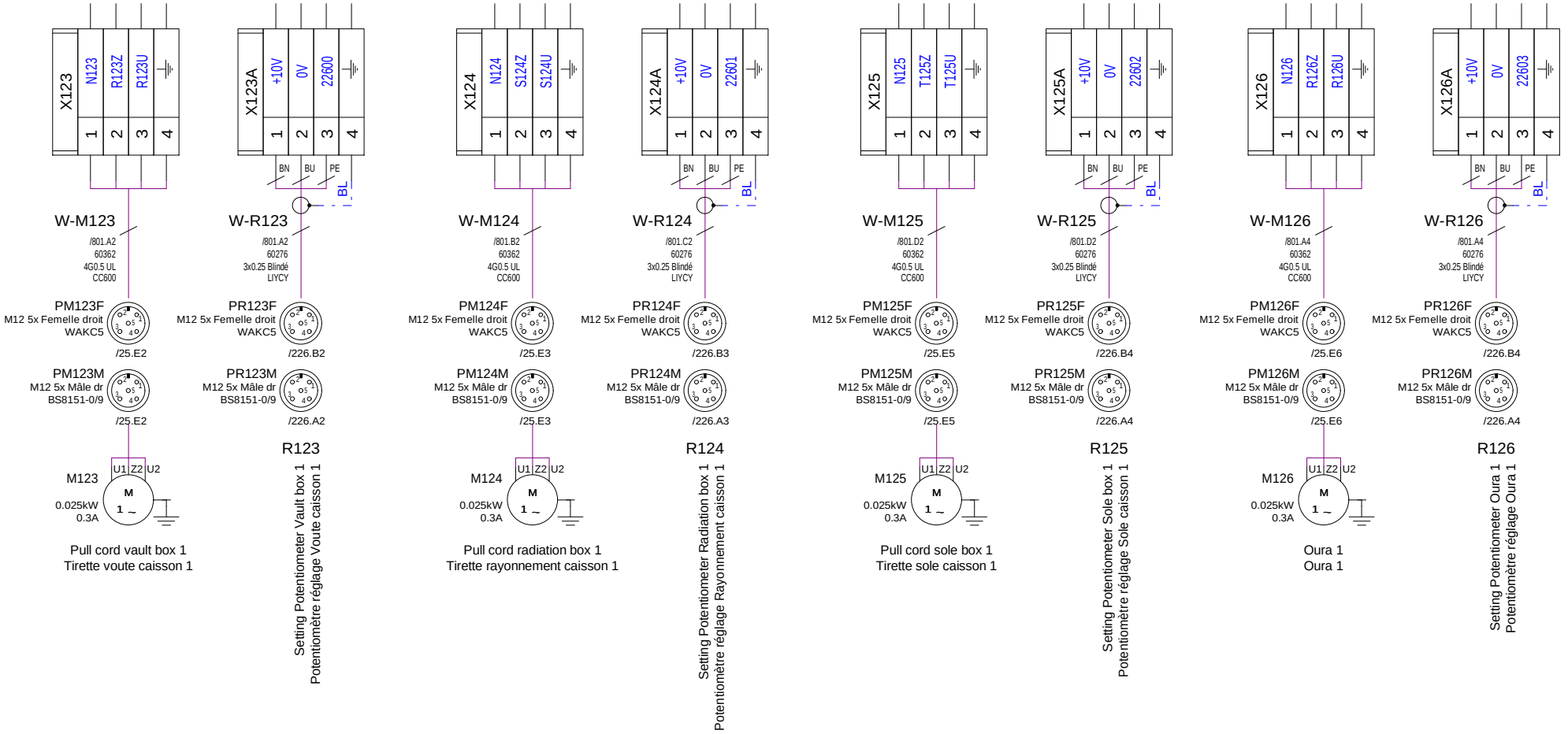
Fan motor burner 1
Moteur ventilateur bruleur 1



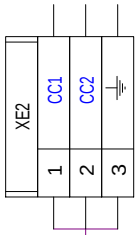
W-DBR1
/801.D1
60225
4x0.5 mm²
SABIX D 305

Gas flowmeter Burner 1
Débimètre GAZ Bruleur 1

Modif.			Drawn	STEINMETZ F.	MECATHERM	Terminal strips XE1-XF1-XP110-X111B-X117 Borniers XE1-XF1-XP110-X111B-X117	Oven FDA	Nbr.Pg. 61
			Checked					
			Norm				LINWOODS	N° 1433B
			Date	09/12/14				Sheet 505 / Next 506



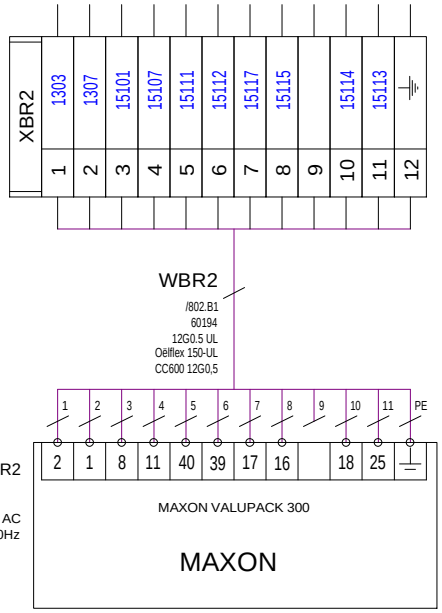
Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips X123-X124-X125-X126 Borniers X123-X124-X125-X126	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B Sheet 506 Next 507
		Date	09/12/14				



WE2
/802.A1
60241
3G1.5 UL
Oëlflex 150-UL
CC600 3G1.5

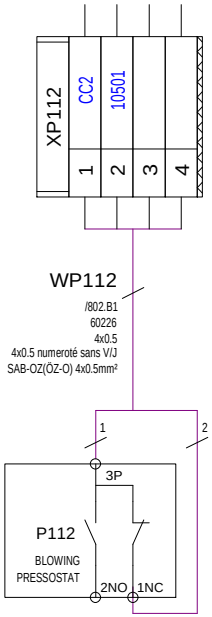
S1201
H1201

Oven lighting box 2
Eclairage four caisson 2



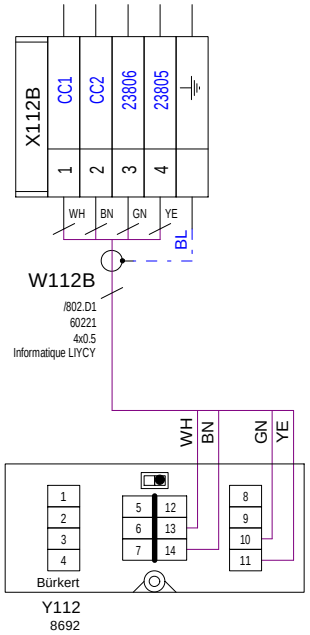
WBR2
/802.B1
60194
12G0.5 UL
Oëlflex 150-UL
CC600 12G0,5

Burner box 2
Bruleur caisson 2



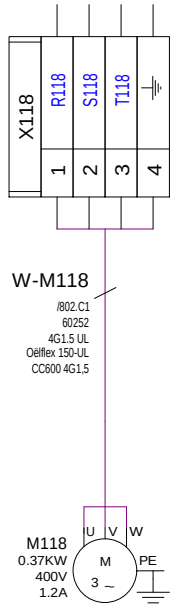
WP112
/802.B1
60226
4x0.5
4x0.5 numeroté sans V/J
SAB-OZ(ÖZ-O) 4x0.5mm²

Heating chamber max pressure switch 2
Pressostat max chambre de chauffe 2



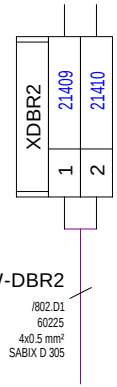
W112B
/802.D1
60221
4x0.5
Informatique LIYCY

Steam valve box 2
Vanne vapeur caisson 2



W-M118
/802.C1
60252
4G1.5 UL
Oëlflex 150-UL
CC600 4G1,5

Fan motor burner 2
Moteur ventilateur bruleur 2

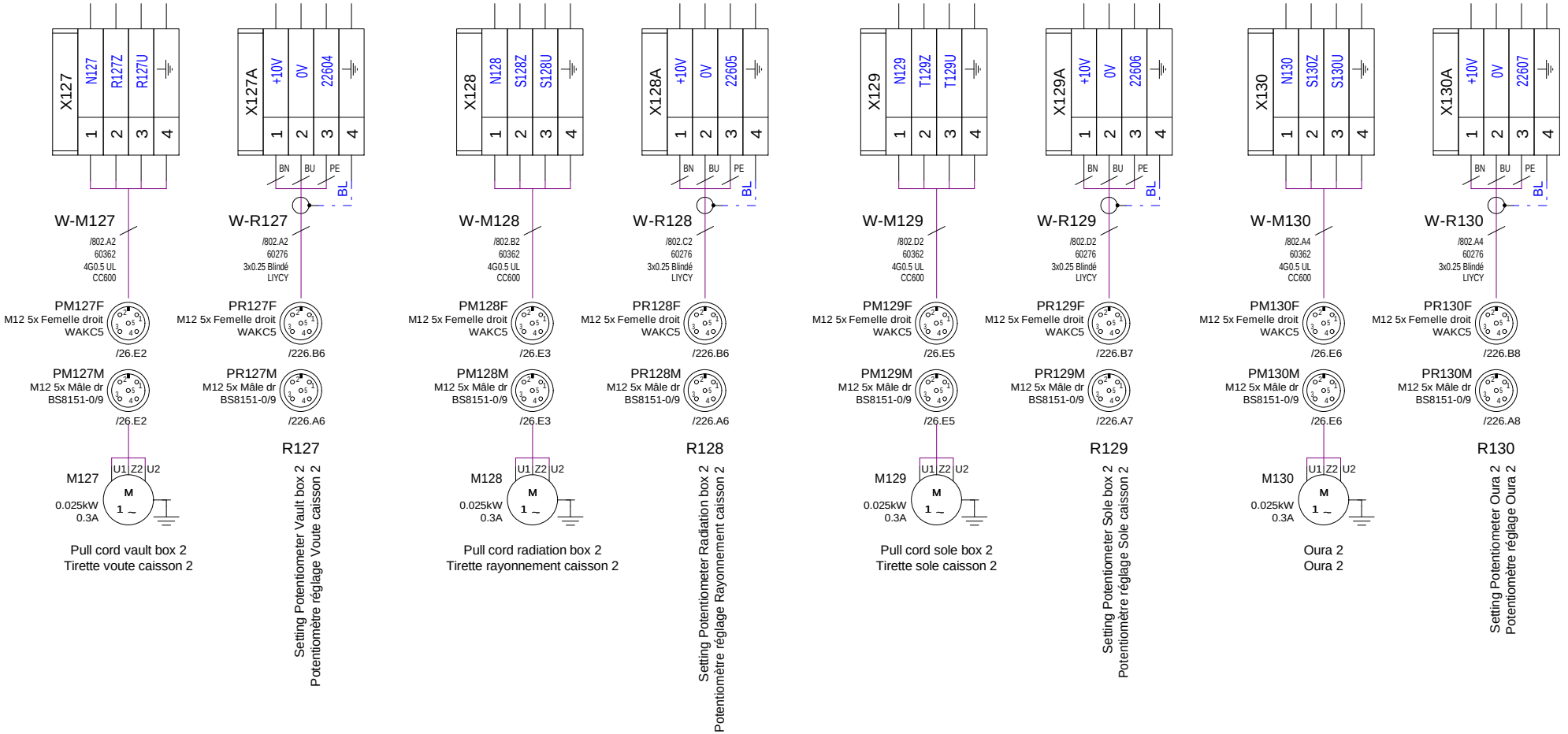


W-DBR2
/802.D1
60225
4x0.5 mm²
SABIX D 305

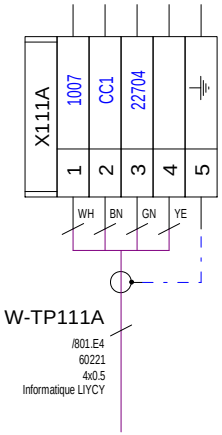
Gas flowmeter Burner 2
Débimètre GAZ Bruleur 2

Modif.			Drawn	STEINMETZ F.	MECATHERM	Terminal strips XE2-XF2-XP111-X112B-X118 Borniers XE2-XF2-XP111-X112B-X118	Oven FDA
			Checked				
			Norm				LINWOODS
			Date	09/12/14			N° 1433B

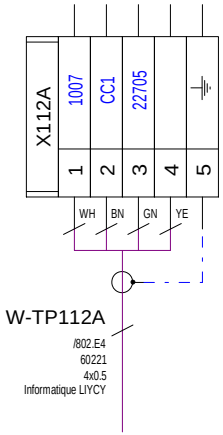
Nbr.Pg. 61 | Sheet 507 | Next 508



Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips X127-X128-X129-X130 Borniers X127-X128-X129-X130	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B
		Date	09/12/14				Sheet 508 / Next 511

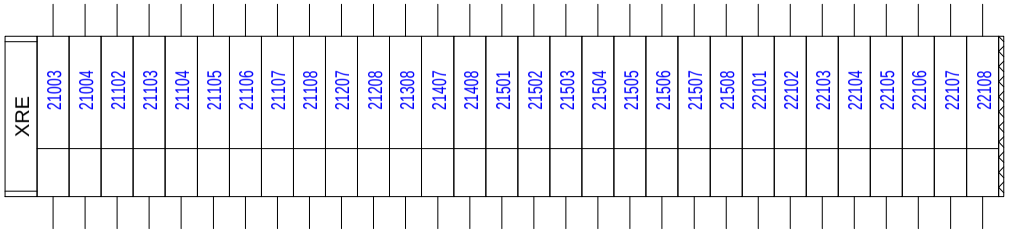


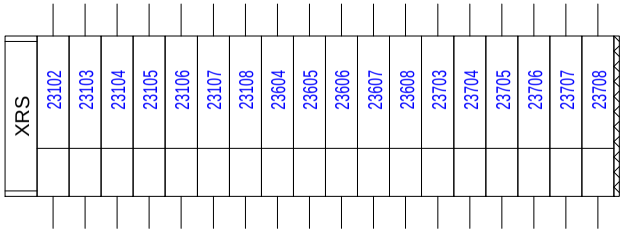
Measuring pressure 1
Mesure pression 1



Measuring pressure 2
Mesure pression 2

Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips X111A; X112A; X113A Borniers X111A; X112A; X113A	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B Sheet 511 Next 519
		Date	09/12/14				





Modif.		Drawn	STEINMETZ F.	MECATHERM	Terminal strips XRE-XRS Borniers XRE-XRS	Oven FDA	Nbr.Pg. 61
		Checked					
		Norm				LINWOODS	N° 1433B
		Date	09/12/14				Sheet 519 / Next 601

EQUIPEMENT : V111 Recycling fan motor 1 **REFRENCE VARIATEUR :** MC07B0110-5A3-4-00

Numéro du paramètre Parameter number	Nom Name		Valeur usine Default value	Valeur à règler Value to set	Unité Unit
1__	**Set point**	**Consigne**			
P100	Set point source	Source de consigne	1	10	Sbus/consignefixe / Sbus/fixed setpoint
P101	Drive management	Pilotage par	0	3	Sbus
P116	AI1 characteristic curve x1	Courbe AI1 x1	0		0 ... 100%
P117	AI1 characteristic curve y1	Courbe AI1 y1	0		-100% ... 0 ... +100%
P118	AI1 characteristic curve x2	Courbe AI1 x2	100		0 ... 100%
P119	AI1 characteristic curve y2	Courbe AI1 y2	100		-100% ... 0 ... +100%
P130	Ramp t11 up	Rampe t11 acc.	2	120	Secondes / Seconds
P131	Ramp t11 down	Rampe t11 dec.	2	150	Secondes / Seconds
P134	Ramp t12	Rampe t12	10		Secondes / Seconds
P136	Stop ramp t13	Rampe d'arrêt t13	2		Secondes / Seconds
P160	Internal set point n11	Consigne interne n11	150		tr/min / rpm
P161	Internal set point n12	Consigne interne n12	750		tr/min / rpm
P162	Internal set point n13	Consigne interne n13	1500		tr/min / rpm
3__	**Motor parameters**	**Paramètres moteur**			
P301	Minimum speed	Vitesse minimale	15	0	tr/min / rpm
P302	Maximum speed	Vitesse maximale	1500	3000	tr/min / rpm
P303	Current limit	Courant max. autorisé	150	120	0 ... 150 %In
P320	Automatic adjustment	Boost IxR automatique	On		
P321	Boost	Boost			0 ... 100%
P322	IxR compensation	Compensation IxR			0 ... 100%
P324	Slip compensation	Compensation de glissement			0 ... 500 rpm
P345	InUL monitoring	Surveillance In-UL			0.1 ... 500A
5__	**Control functions**	**Fonctions de surveillance**			
P500	Speed control 1 / 2	Surveillance de vitesse 1 / 2	Off	On	Moteur/générateur / Motor regenerative
P501	Temporization 1 / 2	Temporisation 1 / 2	0.1	1	0 ... 10s
6__	**Connections set up**	**Programmation des bornes**			
P601	Binary input DI02 assignment	Entrée binaire DI02	3	0	sans fonction / no function
P602	Binary input DI03 assignment	Entrée binaire DI03	1	0	sans fonction / no function
P603	Binary input DI04 assignment	Entrée binaire DI04	4	0	sans fonction / no function
P604	Binary input DI05 assignment	Entrée binaire DI05	5	0	sans fonction / no function
P608	Binary input DI00 assignment	Entrée binaire DI00	12	0	sans fonction / no function
P620	Binary output DO01 assignment	Sortie binaire DO01	1		Défault / Fault
P621	Binary output DO02 assignment	Sortie binaire DO02	5		Frein débloqué / Brake released
P622	Binary output DO03 assignment	Sortie binaire DO03	2		Prêt / Ready
P640	AO1 analog output	Sortie analogique AO1	0		sans fonction / no function
P641	AO1 reference	AO1 référence	0		3000rpm, 100Hz, 150%
P642	AO1 Operating mode	Mode d'exploitation AO1	0		sans fonction / no function
7__	**Control functions**	**Pilotage du moteur**			
P700	Operating mode 1	Mode d'exploitation 1	21		Loi U/f / V/f characteristic curve
8__	**Special functions**	**Fonctions spéciales**			
P800	Quick menu	Menu utilisateur	short	Long	
P805	Rated mains voltage	Tension nominale réseau	400V		50 ... 500V
P808	24V output voltage	Sortie tension auxiliaire VI 024	On	Off	
P870	Set point SP1	Consigne SP1	9		Mot de commande 1 / Control word 1
P871	Set point SP2	Consigne SP2	1	11	Vitesse % / Setpoint speed %
P872	Set point SP3	Consigne SP3	0		Sans fonction / No function
P873	Measure EP1	Mesure EP1	6		Mot d' état 1 / Status word 1
P874	Measure EP2	Mesure EP2	1	2	Courant de sortie / Output current
P875	Measure EP3	Mesure EP3	2	1	Vitesse / Actual speed
P876	Validate SP field bus	Valider SP bus de terrain	Oui / Yes		
P881	Sbus adress	Adresse Sbus	0	1	0 ... 63
P883	Sbus time out	Sbus time out	0	0.1	0 ... 650s

EQUIPEMENT : V112 Recycling fan motor 2 **REFRENCE VARIATEUR :** MC07B0110-5A3-4-00

Numéro du paramètre Parameter number	Nom Name		Valeur usine Default value	Valeur à règler Value to set	Unité Unit
1__	**Set point**	**Consigne**			
P100	Set point source	Source de consigne	1	10	Sbus/consignefixe / Sbus/fixed setpoint
P101	Drive management	Pilotage par	0	3	Sbus
P116	AI1 characteristic curve x1	Courbe AI1 x1	0		0 ... 100%
P117	AI1 characteristic curve y1	Courbe AI1 y1	0		-100% ... 0 ... +100%
P118	AI1 characteristic curve x2	Courbe AI1 x2	100		0 ... 100%
P119	AI1 characteristic curve y2	Courbe AI1 y2	100		-100% ... 0 ... +100%
P130	Ramp t11 up	Rampe t11 acc.	2	120	Secondes / Seconds
P131	Ramp t11 down	Rampe t11 dec.	2	150	Secondes / Seconds
P134	Ramp t12	Rampe t12	10		Secondes / Seconds
P136	Stop ramp t13	Rampe d'arrêt t13	2		Secondes / Seconds
P160	Internal set point n11	Consigne interne n11	150		tr/min / rpm
P161	Internal set point n12	Consigne interne n12	750		tr/min / rpm
P162	Internal set point n13	Consigne interne n13	1500		tr/min / rpm
3__	**Motor parameters**	**Paramètres moteur**			
P301	Minimum speed	Vitesse minimale	15	0	tr/min / rpm
P302	Maximum speed	Vitesse maximale	1500	3000	tr/min / rpm
P303	Current limit	Courant max. autorisé	150	120	0 ... 150 %In
P320	Automatic adjustment	Boost IxR automatique	On		
P321	Boost	Boost			0 ... 100%
P322	IxR compensation	Compensation IxR			0 ... 100%
P324	Slip compensation	Compensation de glissement			0 ... 500 rpm
P345	InUL monitoring	Surveillance In-UL			0.1 ... 500A
5__	**Control functions**	**Fonctions de surveillance**			
P500	Speed control 1 / 2	Surveillance de vitesse 1 / 2	Off	On	Moteur/générateur / Motor regenerative
P501	Temporization 1 / 2	Temporisation 1 / 2	0.1	1	0 ... 10s
6__	**Connections set up**	**Programmation des bornes**			
P601	Binary input DI02 assignment	Entrée binaire DI02	3	0	sans fonction / no function
P602	Binary input DI03 assignment	Entrée binaire DI03	1	0	sans fonction / no function
P603	Binary input DI04 assignment	Entrée binaire DI04	4	0	sans fonction / no function
P604	Binary input DI05 assignment	Entrée binaire DI05	5	0	sans fonction / no function
P608	Binary input DI00 assignment	Entrée binaire DI00	12	0	sans fonction / no function
P620	Binary output DO01 assignment	Sortie binaire DO01	1		Défault / Fault
P621	Binary output DO02 assignment	Sortie binaire DO02	5		Frein débloqué / Brake released
P622	Binary output DO03 assignment	Sortie binaire DO03	2		Prêt / Ready
P640	AO1 analog output	Sortie analogique AO1	0		sans fonction / no function
P641	AO1 reference	AO1 référence	0		3000rpm, 100Hz, 150%
P642	AO1 Operating mode	Mode d'exploitation AO1	0		sans fonction / no function
7__	**Control functions**	**Pilotage du moteur**			
P700	Operating mode 1	Mode d'exploitation 1	21		Loi U/f / V/f characteristic curve
8__	**Special functions**	**Fonctions spéciales**			
P800	Quick menu	Menu utilisateur	short	Long	
P805	Rated mains voltage	Tension nominale réseau	400V		50 ... 500V
P808	24V output voltage	Sortie tension auxiliaire VI 024	On	Off	
P870	Set point SP1	Consigne SP1	9		Mot de commande 1 / Control word 1
P871	Set point SP2	Consigne SP2	1	11	Vitesse % / Setpoint speed %
P872	Set point SP3	Consigne SP3	0		Sans fonction / No function
P873	Measure EP1	Mesure EP1	6		Mot d' état 1 / Status word 1
P874	Measure EP2	Mesure EP2	1	2	Courant de sortie / Output current
P875	Measure EP3	Mesure EP3	2	1	Vitesse / Actual speed
P876	Validate SP field bus	Valider SP bus de terrain	Oui / Yes		
P881	Sbus adress	Adresse Sbus	0	2	0 ... 63
P883	Sbus time out	Sbus time out	0	0.1	0 ... 650s

/500.D4

W1S		CC500(SAB-JZ) 3G1,5mm²
60121	3G1.5	H05VVF (gris)
X1S	L(m):	
Safety fire		
01	02	PE

/500.D6

W9		M12 Femelle 25m Droit			
67378	5x0.35	WAK4.5-25/P00			
X9	L(m):				
H9 Beacon FDA					
BN	/500.C6	WH	/500.C6	BL	/500.C6
BK	/500.C6	GY	/500.C6		

/504.D3

W110B		
60221	4x0.5	Informatique LIYCY
X110B	L(m):	
Steam valve oven entry		
BN /504.C3	GN /504.C3	YE /504.C3
WH /504.C3		

/501.D6

W110A		CC600 12G0,5
60194	12G0.5 UL	Oëlflex 150-UL
X110A	L(m):	
Pneumatic box oven entry		
01	02	03
04	05	06
07	08	09
10	11	PE

/501.D4

W92		CC600 5G1
60251	5G1.0 UL	Oëlflex 150-UL
X92	L(m):	
Interface oven / Conveying		
01	02	03
04	PE	

W111		CC600CY
60284	4G4 Blindé UL	Oëlflex 190CY
V111	L(m):	
01 /21.E4	02 /21.E4	03 /21.E4
PE /21.E4		

W112		CC600CY
60284	4G4 Blindé UL	Oëlflex 190CY
V112	L(m):	
01 /21.E7	02 /21.E7	03 /21.E7
PE /21.E7		

/503.D2

WAU111		CC600 5G1
60251	5G1.0 UL	Oëlflex 150-UL
XAU111	L(m):	
AU111 Oven entry left E.S.		
01 /503.D2	02 /503.D2	03 /503.D3
04 /503.D3	PE	

/503.D4

WAU112		CC600 5G1
60251	5G1.0 UL	Oëlflex 150-UL
XAU112	L(m):	
AU112 Oven entry right E.S.		
01	02	03
04	PE	

/503.D5

WAU113		CC600 5G1
60251	5G1.0 UL	Oëlflex 150-UL
XAU113	L(m):	
AU113 Oven exit left E.S.		
01	02	03
04	PE	

/503.D7

WAU114		CC600 5G1
60251	5G1.0 UL	Oëlflex 150-UL
XAU114	L(m):	
AU114 Oven exit right E.S.		
01	02	03
04	PE	

/504.D6

W-FDC110D		SAB-OZ(ÖZ-O) 4x0.5mm²
60226	4x0.5	4x0.5 numeroté sans V/J
X110	L(m):	
Safety oven belt (right)		
01	02	03
04		

/504.D5

W-FDC110G		SAB-OZ(ÖZ-O) 4x0.5mm²
60226	4x0.5	4x0.5 numeroté sans V/J
X110	L(m):	
Safety oven belt (left)		
01	02	03
04		

/504.D4

W-D110		SAB-OZ(ÖZ-O) 4x0.5mm²
60226	4x0.5	4x0.5 numeroté sans V/J
X110	L(m):	
Oven home sensor		
01	02	03
04		

/504.D2

WCO2		
60221	4x0.5	Informatique LIYCY
XCO2	L(m):	
CO2 Detector		
BN /504.C1	GN /504.C2	YE /504.C2
WH /504.C1		

Modif.				
			Drawn	STEINMETZ F.
			Checked	
			Norm	
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MECATHERM

Cable book
Carnet de cables

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WE1		CC600 3G1.5				
60241	3G1.5 UL	Oëlflex 150-UL				
XE1	L(m):					
/505.D1 S/H1200 Oven lighting box 1						
01		02		PE		

WBR1		CC600 12G0,5				
60194	12G0.5 UL	Oëlflex 150-UL				
XF1	L(m):					
/505.D3 BR1 Burner box 1						
01	/505.D2	02	/505.D2	03	/505.D2	
04	/505.D2	05	/505.D2	06	/505.D3	
07	/505.D3	08	/505.D3	09	/505.D3	
10	/505.D3	11	/505.D3	PE	/505.D3	

WP111		SAB-OZ(ÖZ-O) 4x0.5mm²				
60226	4x0.5	4x0.5 numeroté sans V/J				
XP110	L(m):					
/505.D4 P110 Heating chamber max pressure switch 1						
01	/505.D4	02	/505.D5	03		
04						

W-M117		CC600 4G1,5				
60252	4G1.5 UL	Oëlflex 150-UL				
X117	L(m):					
/505.D7 M117 Fan motor burner 1						
01		02		03		
PE						

W-DBR1		CC500(SAB-OZ) 2X1 mm²				
60225	4x0.5 mm²	SABIX D 305				
XDBR1	L(m):					
/505.D8 Gas flowmeter Burner 1						
BN	/213.B6	WH		BL	/213.B6	
BK	/213.B6					

W111B						
60221	4x0.5	Informatique LIYCY				
X111B	L(m):					
/505.D6 Steam valve box 1						
BN	/505.C6	GN	/505.C6	YE	/505.C6	
WH	/505.C6					

W-M123						
60362	4G0.5 UL	CC600				
X123	L(m):					
/506.D1 M123 Pull cord vault box 1						
01		02		03		
PE						

W-R123						
60276	3x0.25 Blindé	LIYCY				
X123A	L(m):					
R123 Setting Potentiometer Vault box 1						
01	/506.C2	02	/506.C2	03	/506.C2	

W-M124						
60362	4G0.5 UL	CC600				
X124	L(m):					
/506.D3 M124 Pull cord radiation box 1						
01		02		03		
PE						

W-R124						
60276	3x0.25 Blindé	LIYCY				
X124A	L(m):					
R124 Setting Potentiometer Radiation box 1						
01	/506.C4	02	/506.C4	03	/506.C4	

W-M125						
60362	4G0.5 UL	CC600				
X125	L(m):					
/506.D5 M125 Pull cord sole box 1						
01		02		03		
PE						

W-R125						
60276	3x0.25 Blindé	LIYCY				
X125A	L(m):					
R125 Setting Potentiometer Sole box 1						
01	/506.C6	02	/506.C6	03	/506.C6	

W-M126						
60362	4G0.5 UL	CC600				
X126	L(m):					
/506.D7 M126 Oura 1						
01		02		03		
PE						

W-R126						
60276	3x0.25 Blindé	LIYCY				
X126A	L(m):					
R126 Setting Potentiometer Oura 1						
01	/506.C8	02	/506.C8	03	/506.C8	

WTC1		Téflon -60°C / +205°C				
60363	2 x 0.22 T C J	16J72BTX				
K111	L(m):					
TC1 Safety baking box 1						
01	/150.B2	02	/150.C2			

WTC7		Téflon -60°C / +205°C				
60363	2 x 0.22 T C J	16J72BTX				
RBR1	L(m):					
TC7 Temperature measurement Blowing box 1						
01	/157.D3	02	/157.D3			

WTC13		Téflon -60°C / +205°C				
60363	2 x 0.22 T C J	16J72BTX				
CA9	L(m):					
TC13 Temperature measurement Burner intake air 1						
01	/224.C4	02	/224.C4			

WTC14		Téflon -60°C / +205°C				
60363	2 x 0.22 T C J	16J72BTX				
CA9	L(m):					
TC14 Temperature measurement Burner radiation heat 1						
01	/224.C4	02	/224.C4			

W-TP111A						
60221	4x0.5	Informatique LIYCY				
X111A	L(m):					
/511.D2						
BN	/511.C2	GN	/511.C2	YE	/511.C2	
WH	/511.C2					

Modif.			Drawn	STEINMETZ F.	MECATHERM	Cable book Carnet de cables
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/507.D1

WE2		CC600 3G1.5
60241	3G1.5 UL	Oëlflex 150-UL
XE2	L(m):	
S/H1201 Oven lighting box 2		

01		02		PE	

/507.D3

WBR2		CC600 12G0,5
60194	12G0.5 UL	Oëlflex 150-UL
XF2	L(m):	
BR2 Burner box 2		

01	/507.D2	02	/507.D2	03	/507.D2
04	/507.D2	05	/507.D2	06	/507.D3
07	/507.D3	08	/507.D3	09	/507.D3
10	/507.D3	11	/507.D3	PE	/507.D3

/507.D4

WP112		SAB-OZ(ÖZ-O) 4x0.5mm²
60226	4x0.5	4x0.5 numeroté sans V/J
XP111	L(m):	
P111 Heating chamber max pressure switch 2		

01	/507.D4	02	/507.D5	03	
04					

/507.D7

W-M118		CC600 4G1,5
60252	4G1.5 UL	Oëlflex 150-UL
X118	L(m):	
M118 Fan motor burner 2		

01		02		03	
PE					

/507.D8

W-DBR2		CC500(SAB-OZ) 2X1 mm²
60225	4x0.5 mm²	SABIX D 305
XDBR2	L(m):	
Gas flowmeter Burner 2		

BN	/214.B6	WH		BL	/214.B6
BK	/214.B6				

/507.D6

W112B		
60221	4x0.5	Informatique LIYCY
X112B	L(m):	
Steam valve box 2		

BN	/507.C6	GN	/507.C6	YE	/507.C6
WH	/507.C6				

/508.D1

W-M127		CC600
60362	4G0.5 UL	
X127	L(m):	
M127 Pull cord vault box 2		

01		02		03	
PE					

W-R127		LIYCY
60276	3x0.25 Blindé	
X127A	L(m):	
R127 Setting Potentiometer Vault box 2		

01	/508.C2	02	/508.C2	03	/508.C2

/508.D3

W-M128		CC600
60362	4G0.5 UL	
X128	L(m):	
M128 Pull cord radiation box 2		

01		02		03	
PE					

W-R128		LIYCY
60276	3x0.25 Blindé	
X128A	L(m):	
R128 Setting Potentiometer Radiation box 2		

01	/508.C4	02	/508.C4	03	/508.C4

/508.D5

W-M129		CC600
60362	4G0.5 UL	
X129	L(m):	
M129 Pull cord sole box 2		

01		02		03	
PE					

W-R129		LIYCY
60276	3x0.25 Blindé	
X129A	L(m):	
R129 Setting Potentiometer Sole box 2		

01	/508.C6	02	/508.C6	03	/508.C6

/508.D7

W-M130		CC600
60362	4G0.5 UL	
X130	L(m):	
M130 Oura 2		

01		02		03	
PE					

W-R130		LIYCY
60276	3x0.25 Blindé	
X130A	L(m):	
R130 Setting Potentiometer Oura 2		

01	/508.C8	02	/508.C8	03	/508.C8

WTC2		Téflon -60°C / +205°C
60363	2 x 0.22 T C J	16J72BTX
K112	L(m):	
TC2 Safety baking box 2		

01	/151.B2	02	/151.C2		

WTC8		Téflon -60°C / +205°C
60363	2 x 0.22 T C J	16J72BTX
RBR2	L(m):	
TC8 Temperature measurement Blowing box 2		

01	/157.D6	02	/157.D7		

WTC15		Téflon -60°C / +205°C
60363	2 x 0.22 T C J	16J72BTX
CA9	L(m):	
TC15 Temperature measurement Burner intake air 2		

01	/224.C6	02	/224.C6		

WTC16		Téflon -60°C / +205°C
60363	2 x 0.22 T C J	16J72BTX
CA9	L(m):	
TC16 Temperature measurement Burner radiation heat 2		

01	/224.C6	02	/224.C6		

/511.D4

W-TP112A		
60221	4x0.5	Informatique LIYCY
X112A	L(m):	

BN	/511.C4	GN	/511.C4	YE	/511.C4
WH	/511.C3				

Modif.				
		Drawn	STEINMETZ F.	
		Checked		
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