SOMMAIRE

FOLIO	DESIGNATION
05	ALIMENTATIONS 05
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08	PUISSANCE 08
09	PUISSANCE 09
10	VARIATEUR 10
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24	ALIM 24V ENTREE 24
25	ENTREES 25
26	ENTREES 26
27	ENTREES 27
28	ENTREES 28
29	ENTREES 29
32	ALIM 24V SORTIES 32
33	SORTIES 33
34	SORTIES 34
35	SORTIES 35
36	SORTIES 36
37	SORTIES 37
38	SORTIES 38
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40	DEVELOPPE 40
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	MODIFICATION	DATE	PAR
K			
J			
I			
H			
G			
F			
E			
D			
C			
B			
A			

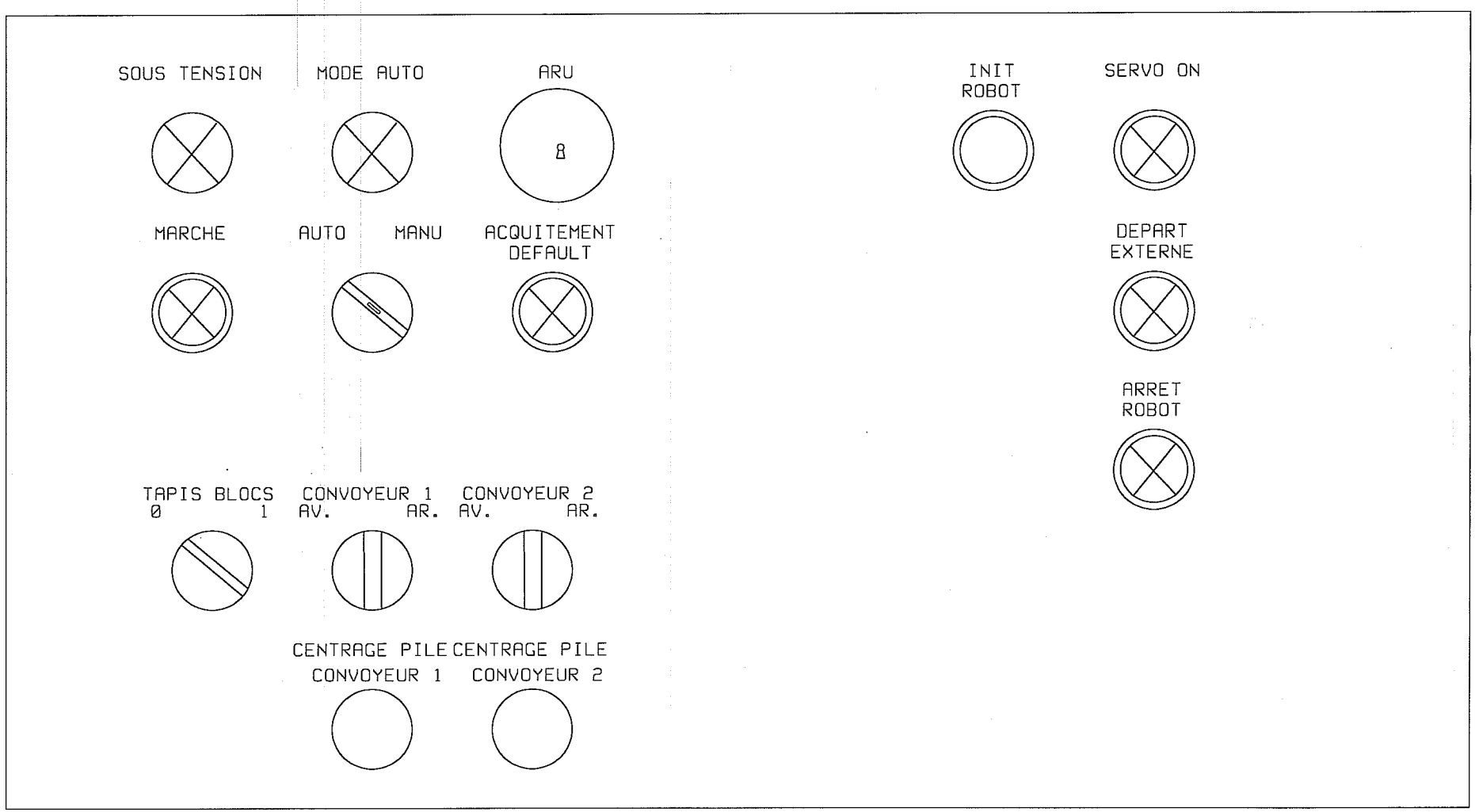
SPECIFICITE CLIENT :

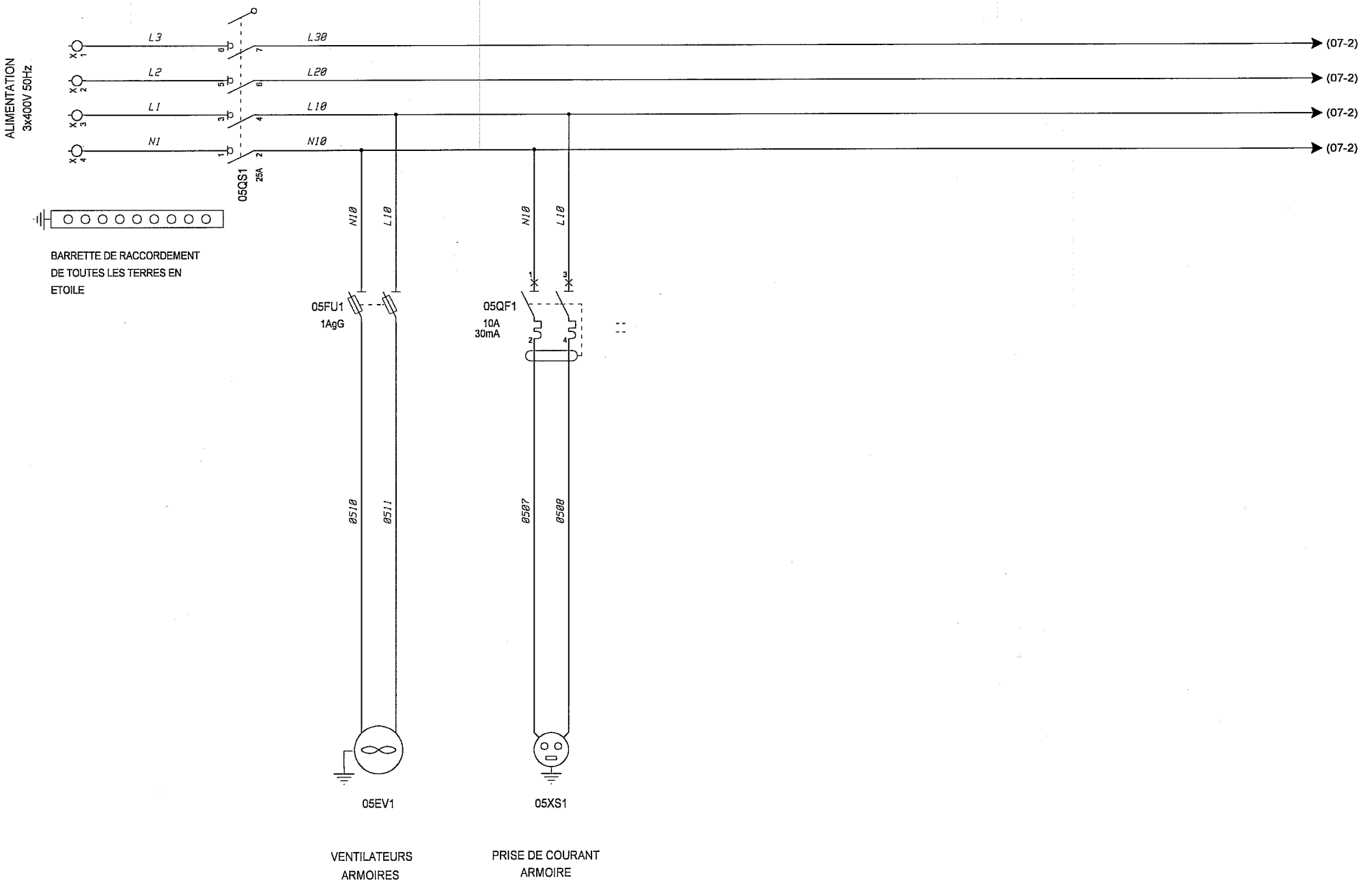
DESSINE LE : 28-04-2011	PAR : F.T	Nbre de FOLIOS : 30
MACHINE : MASTER+ ROBOT 6 AXES		N° : PA078
CLIENT : SACCHI		TENSION : 3X400V+N
NOM PROGRAMME :		
PUISSANCE MACHINE : 4KW	CONSOMMATION D'AIR :	

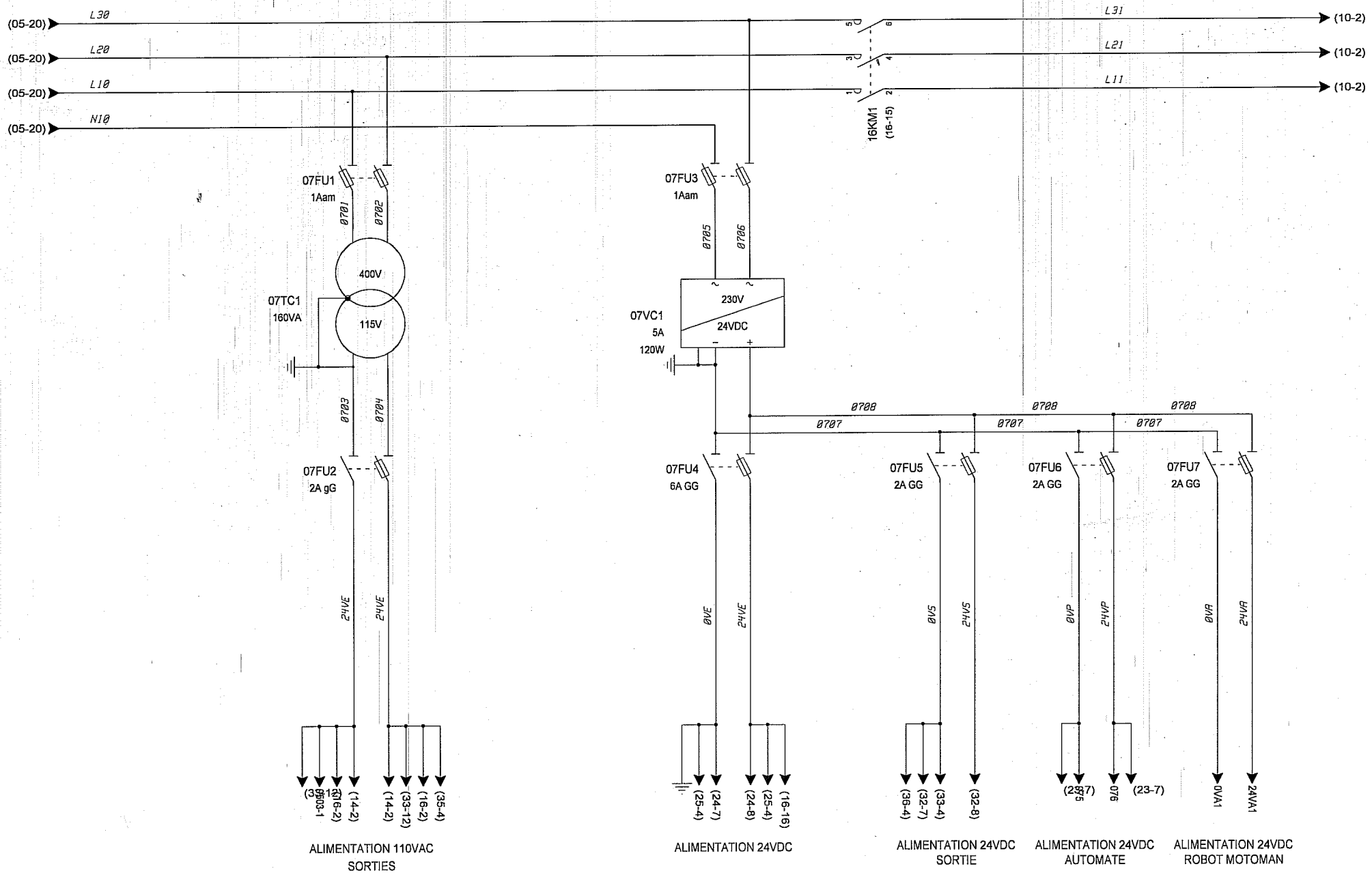
SODEME SAS

SIEGE SOCIAL: Z.I. de la Croix Cadeau 49240 BP 60093 - AVRILLE Tél :02-41-42-35-00 Fax: 02-41-42-30-41

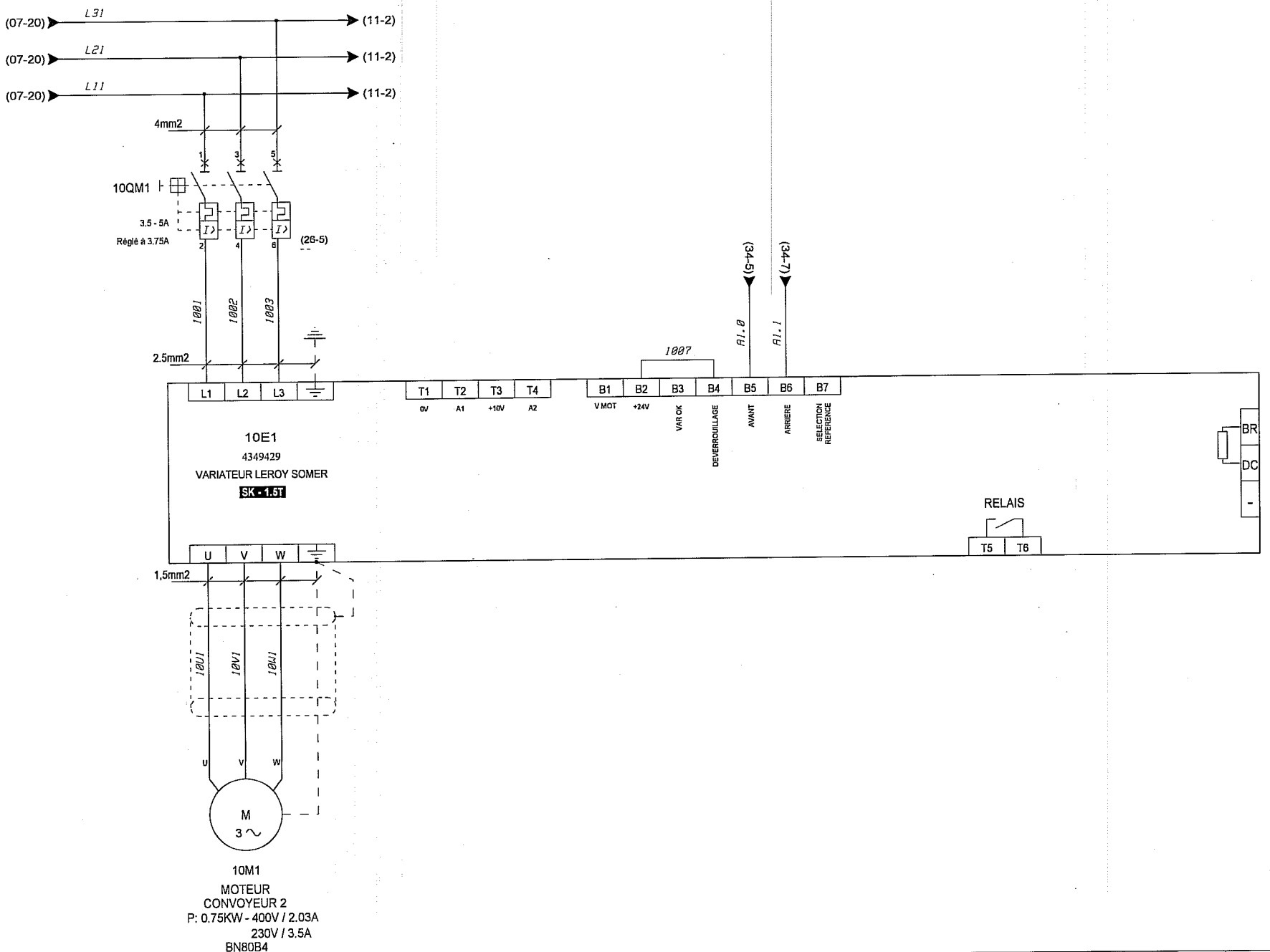
IMPLANTATION BOUTONNERIE PUPITRE
(vue de FACE)



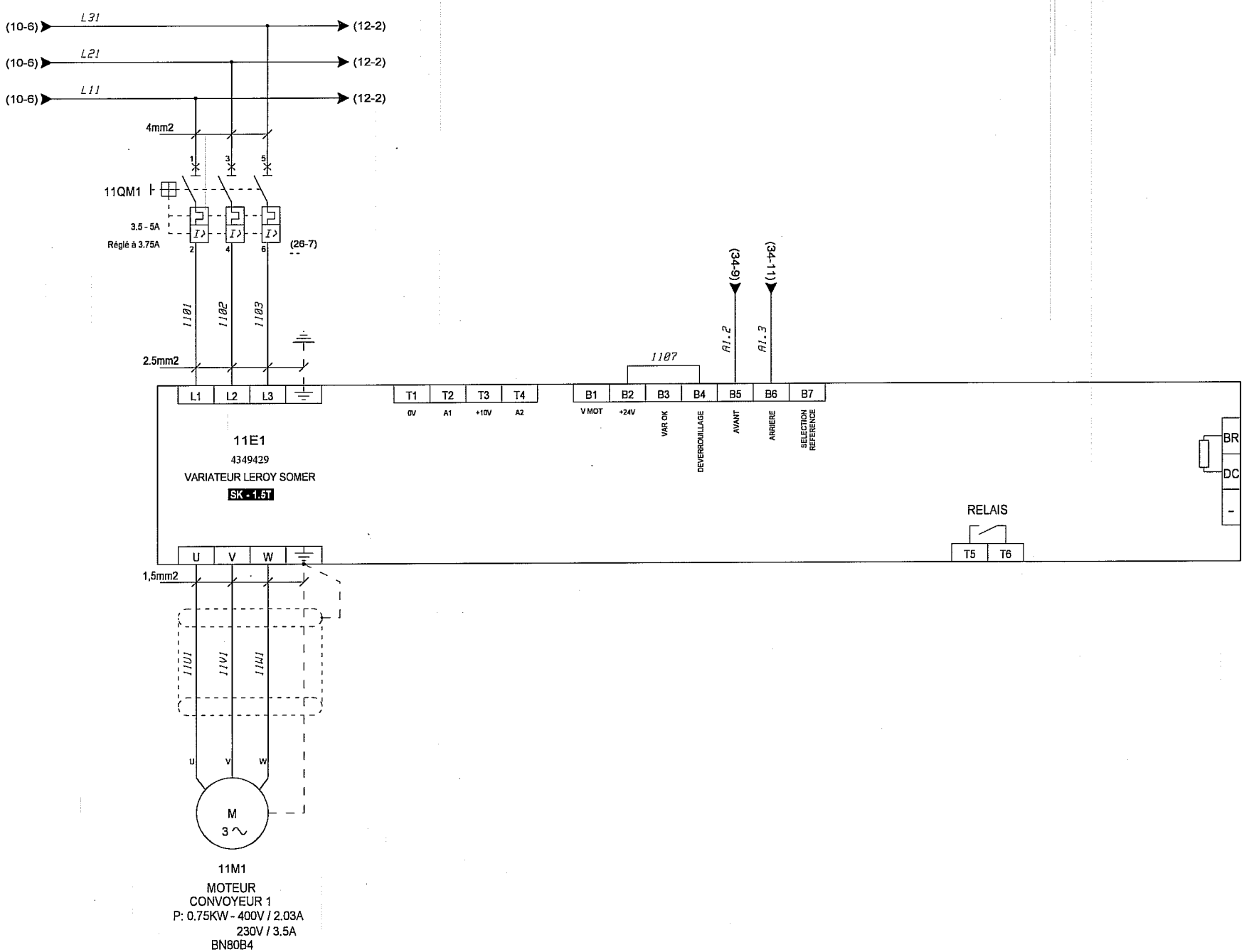

ALIMENTATION
3x400V 50Hz
L3
L2
L1
N1
L30
L20
L10
N10
(07-2)
(07-2)
(07-2)
(07-2)
05QS1
25A
BARRETTE DE RACCORDEMENT
DE TOUTES LES TERRES EN
ETOILE
05FU1
1AgG
05QF1
10A
30mA
0510
0511
0507
0508
05EV1
05XS1
VENTILATEURS
ARMOIRES
PRISE DE COURANT
ARMOIRE


(05-20) L30
(05-20) L20
(05-20) L10
(05-20) N10
L31
L21
L11
(10-2)
(10-2)
(10-2)
16KM1
(13-15)
07FU1
1Aam
07FU3
1Aam
0701
0702
0705
0706
400V
115V
07TC1
160VA
230V
24VDC
07VC1
5A
120W
0703
0704
0708
0707
07FU2
2A gG
07FU4
6A GG
07FU5
2A GG
07FU6
2A GG
07FU7
2A GG
24VAC
24VDC
24VAC
24VDC
24VAC
24VDC
24VAC
24VDC
(35-3)
(13-2)
(16-2)
(14-2)
(14-2)
(33-12)
(16-2)
(35-4)
(25-4)
(24-7)
(24-8)
(25-4)
(16-16)
(36-4)
(32-7)
(33-4)
(32-8)
(23-7)
076
(23-7)
0VA1
24VA1
ALIMENTATION 110VAC
SORTIES
ALIMENTATION 24VDC
ALIMENTATION 24VDC
SORTIE
ALIMENTATION 24VDC
AUTOMATE
ALIMENTATION 24VDC
ROBOT MOTOMAN

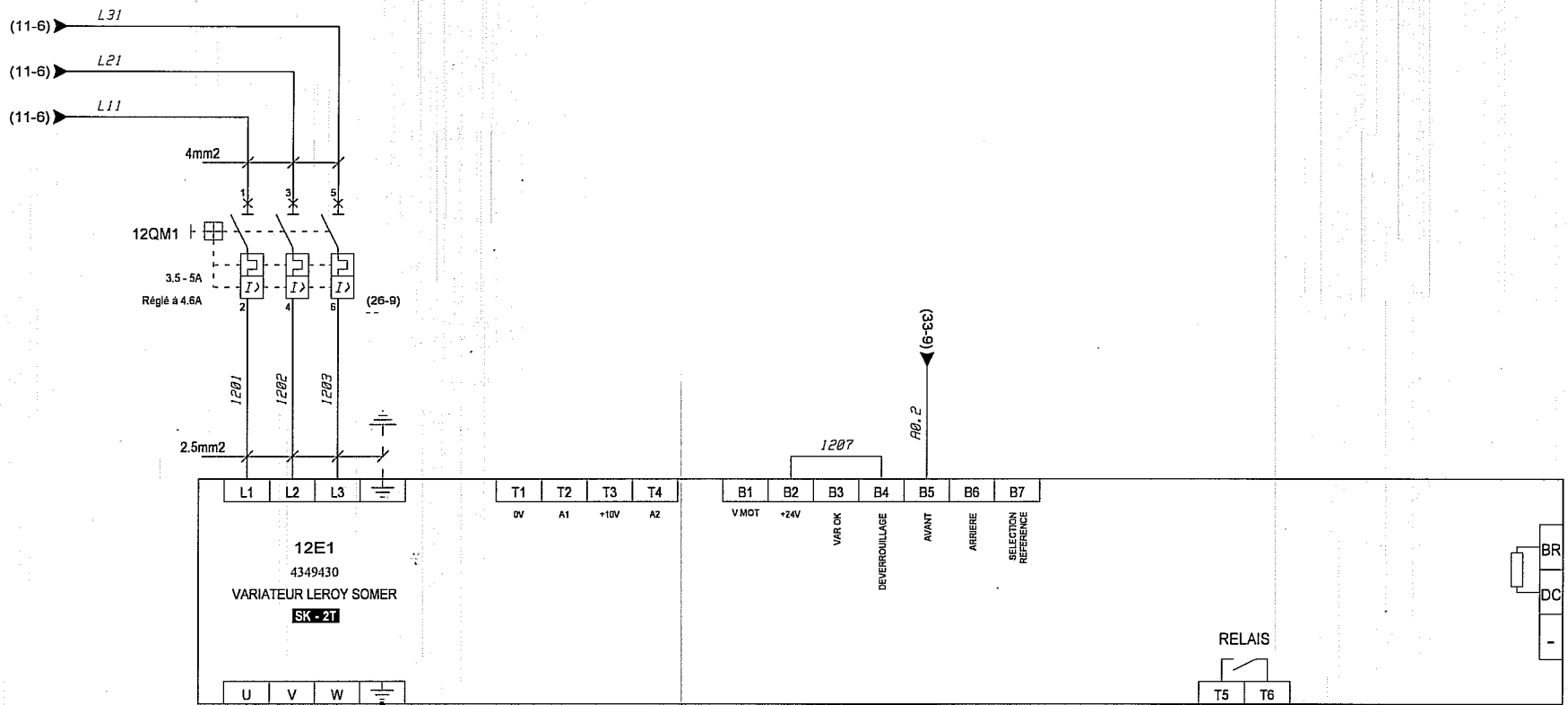
VITESSE CONVOYEUR 2



VITESSE CONVOYEUR 1

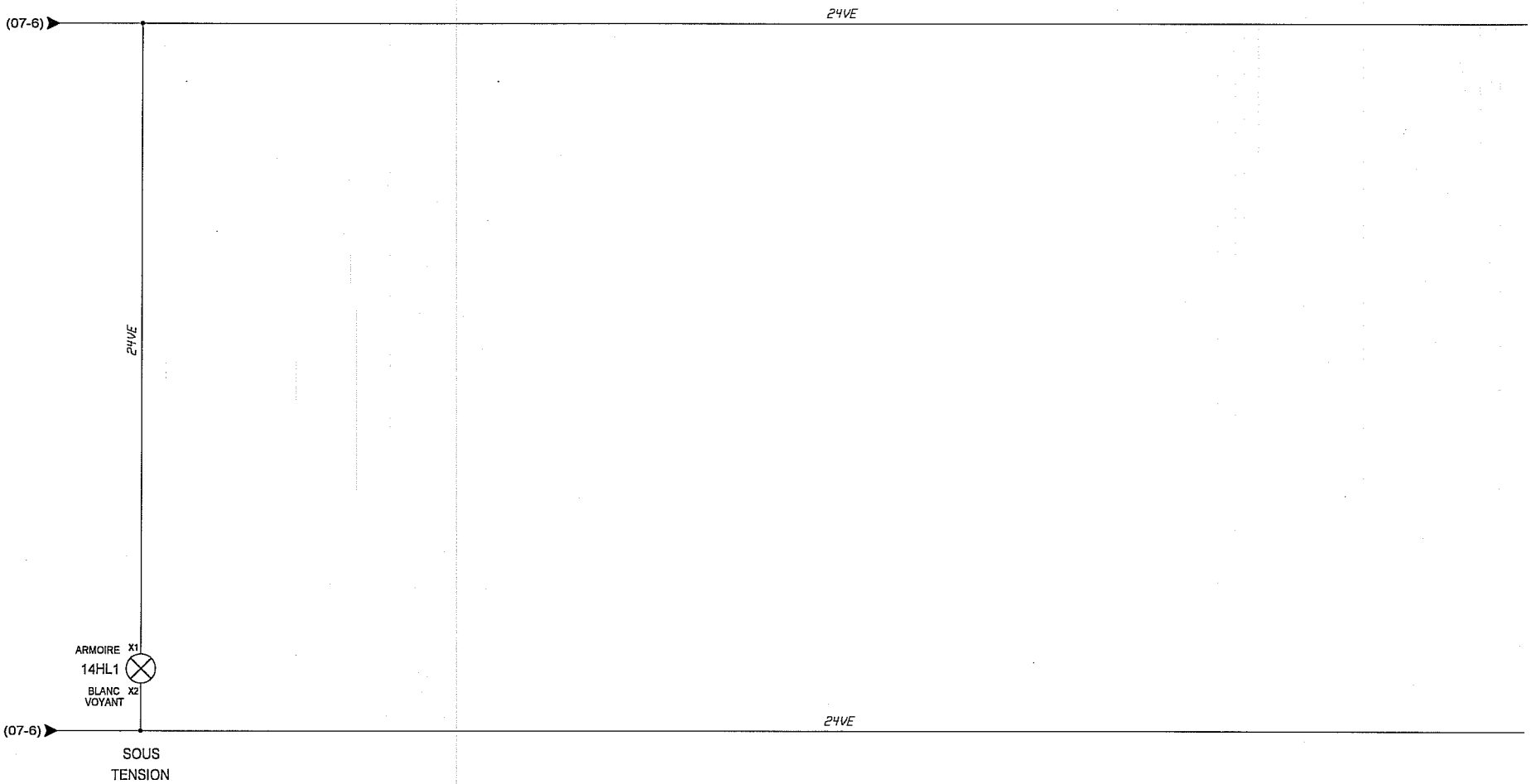


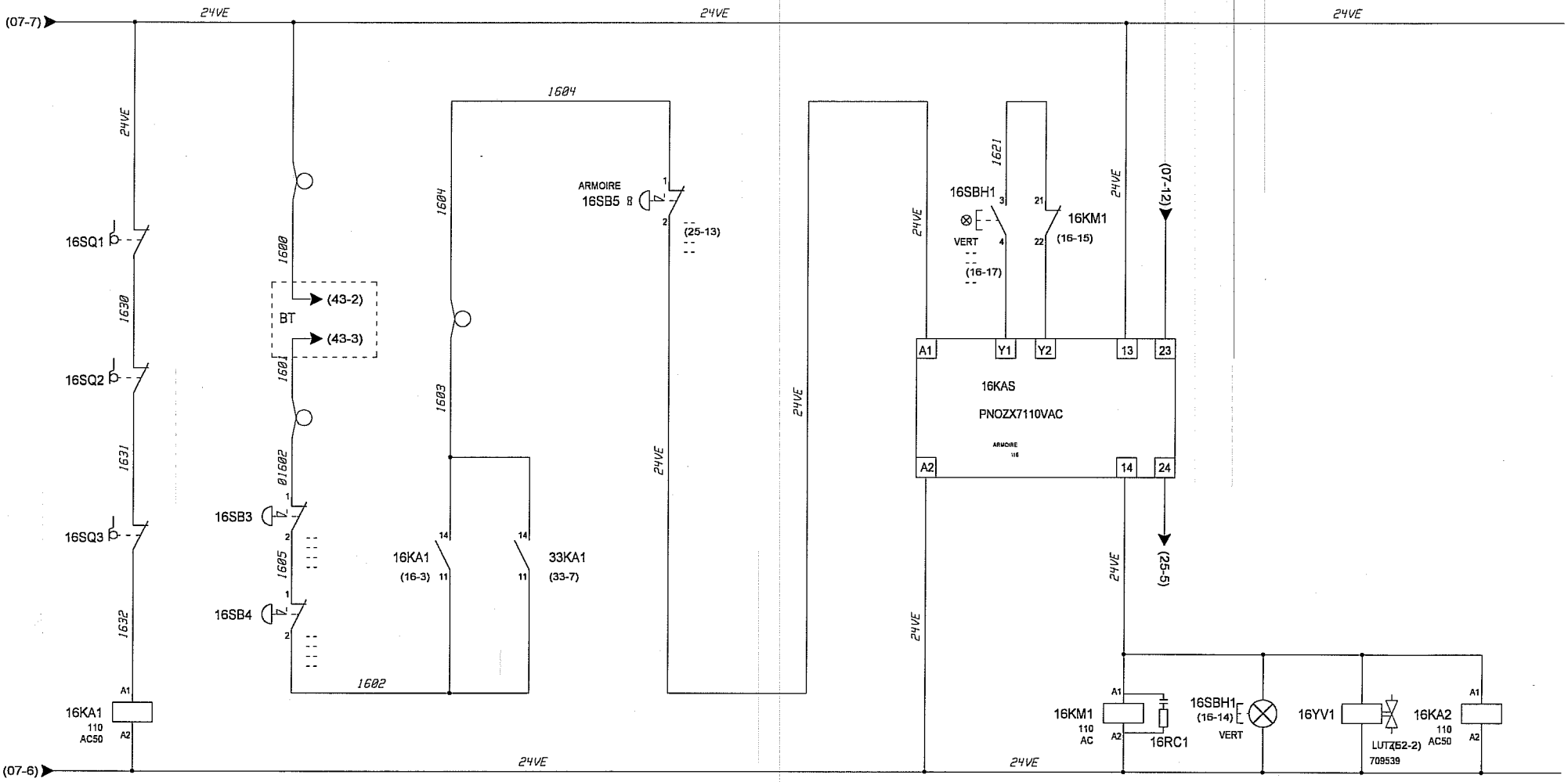
VITESSE TAPIS BLOCS



12M1
MOTEUR
TAPIS BLOCS
P: 1.1KW - 400V / 2.7A
230V / 4.7A
BN80C4

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
S.O.S. SODEME			C:\SEE ELECTRICAL EXPERT\MACHINE\PALETTE\ROBOT DEPILEUR DE BLOCS\PA078 SACCHI PALLETS\												VARIATEUR			28-04-2011	12/30		


(07-6)
24VE
24VE
ARMOIRE X1
14HL1
BLANC X2
VOYANT
(07-6)
24VE
SOUS
TENSION



16SB1: ARRET D'URGENCE BOITE CONVOYEURS
BT: ARRET D'URGENCE TELECOMMANDE ROBOT MOTOMAN
16SB3: ARRET D'URGENCE BOITE COTE BAC DECHETS
16SB4: ARRET D'URGENCE BOITE COTE PALETTES BLOCS
16SB5: ARRET D'URGENCE ARMOIRE
16SQ1: SECURITE PORTE COULISSANTE GAUCHE
16SQ2: SECURITE PORTE COULISANTE DROITE
16SQ3: SECURITE PORTE ZONE ROBOT 3
16SBH1: REARMEMENT

14 - 11 (16-7)
12 - 11 - -
24 - 21 (43-7)
22 - 21 - -
34 - 31 (43-9)
32 - 31 - -
44 - 41 - -
42 - 41 - -

CONTACTEUR GENERAL

1 - 2 (07-13)
3 - 4 (07-13)
5 - 6 (07-13)
13 - 14 (25-7)
21 - 22 (16-14)
31 - 32 - -
43 - 44 - -
- - -
- - -

VOYANT MARCHE

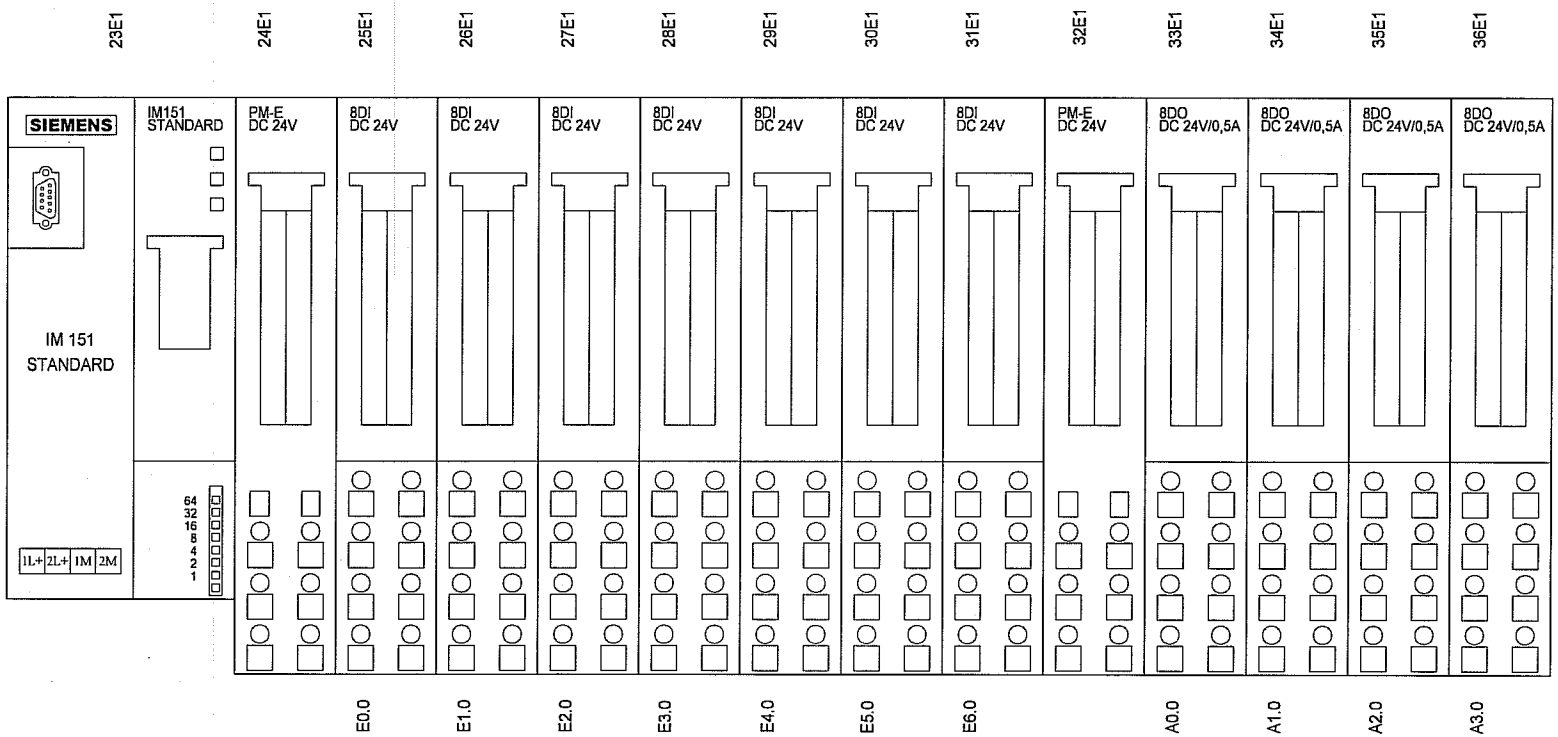
MISE A L'AIR LIBRE

RELAIS MARCHE

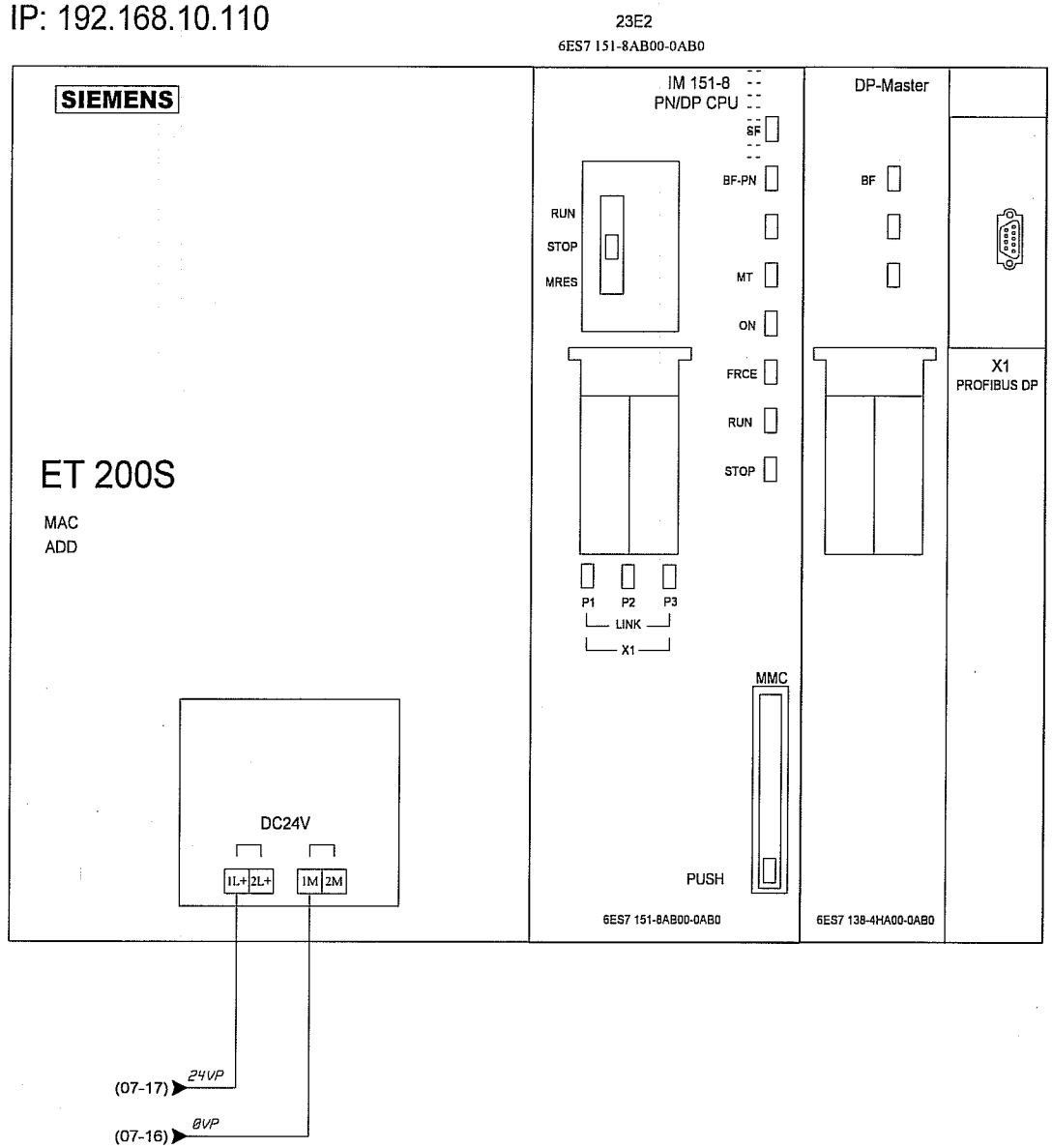
14 - 11 (43-12)
12 - 11 - -
24 - 21 (43-14)
22 - 21 - -
34 - 31 - -
32 - 31 - -
44 - 41 - -
42 - 41 - -

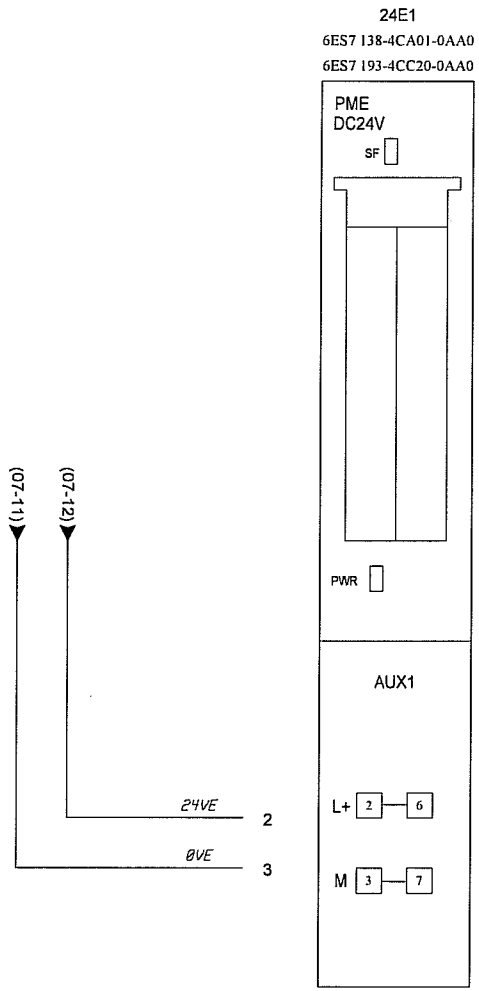
CONFIGURATION AUTOMATE PUPITRE ROBOT DEPILEUR DE BLOCS

CPU

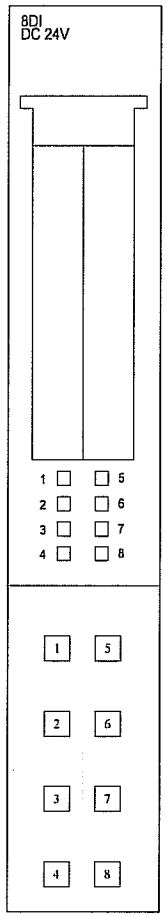


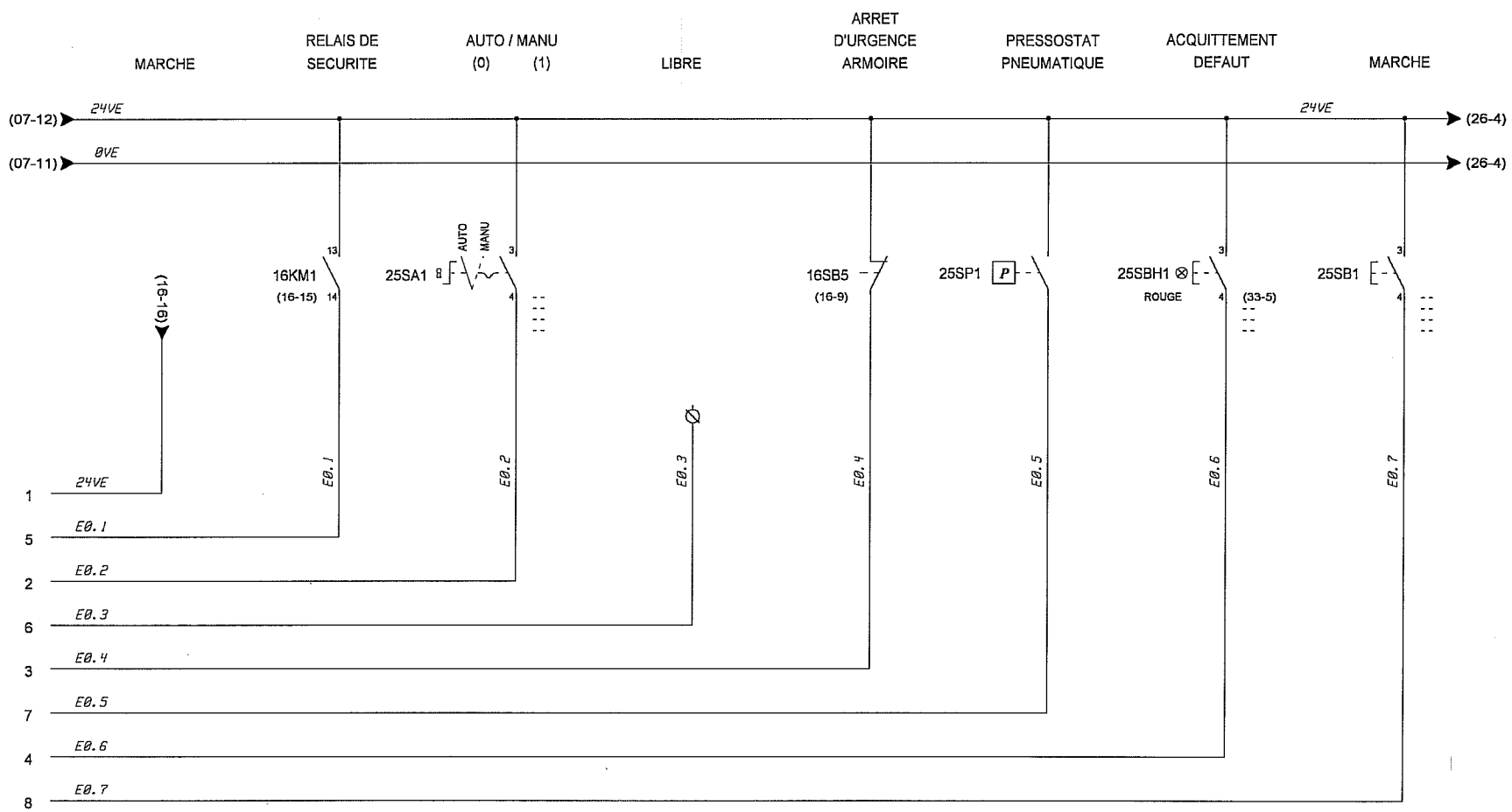
IP: 192.168.10.110



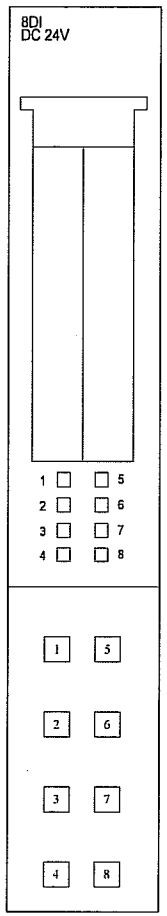

24E1
6ES7 138-4CA01-0AA0
6ES7 193-4CC20-0AA0
PME
DC24V
SF
PWR
AUX1
L+
M
2
6
3
7
(07-11)
(07-12)
24VE
0VE
2
3

25E2
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0





26E2
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0



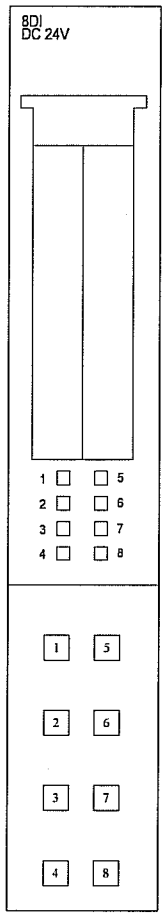
DEFAUT DISJONCTEUR CONVOYEUR 2
DEFAUT DISJONCTEUR CONVOYEUR 1
DEFAUT DISJONCTEUR TAPIS BLOCS
LIBRE
CENTRAGE PILE CONVOYEUR 2
CENTRAGE PILE CONVOYEUR 1
HS - ES MAINTIENT BLOCS CONVOYEUR 2
HS - ES MAINTIENT BLOCS CONVOYEUR 1

(25-20) 24VE (27-4)
(25-20) 0VE (27-4)

10QM1 (10-4)
11QM1 (11-4)
12QM1 (12-4)
26SB1
26SB2
26SA1 HS ES
26SA2 HS ES

1 E1.0
5 E1.1
2 E1.2
6 E1.3
3 E1.4
7 E1.5
4 E1.6
8 E1.7

27E2
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0



PRESENCE PALETTE SORTIE CONVOYEUR 2
PRESENCE PALETTE CENTRAGE CONVOYEUR 2
PRESENCE PALETTE SORTIE CONVOYEUR 1
PRESENCE PALETTE CENTRAGE CONVOYEUR 1
PRESENCE BLOC TAPIS GAUCHE
PRESENCE BLOC TAPIS CENTRAL (DEVANT CONV. 1)
PRESENCE BLOC TAPIS CENTRAL (DEVANT CONV. 2)
PRESENCE BLOC TAPIS DROIT

(26-20) 24VE
(26-20) 0VE
24VE (28-4)
0VE (28-4)

27B1 27B2 27B3 27B4 27B5 27B6 27B7 27B8 27B9 27B10 27B11

BN BU BK

1 E2.0
5 E2.1
2 E2.2
6 E2.3
3 E2.4
7 E2.5
4 E2.6
8 E2.7

28E2
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0

8DI
DC 24V

1 5
2 6
3 7
4 8

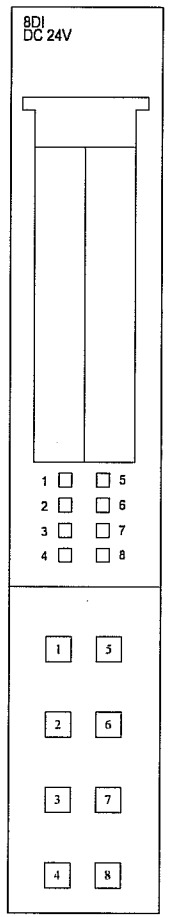
	ROBOT EN ZONE 1 (INTERDICTION AV. CONVOYEUR)	ROBOT EN ZONE 2 (INTERDICTION AV. CONVOYEUR)	MAINTIENT BLOCS CONVOYEUR 2 DROIT EN POSITION BASSE	MAINTIENT BLOCS CONVOYEUR 2 GAUCHE EN POSITION BASSE	LIBRE	DEMANDE PRISE PALETTE CONVOYEUR 1	DEMANDE PRISE PALETTE CONVOYEUR 2	LIBRE
	(46-13)	(46-15)				(46-16)	(46-17)	
1	E3.0	E3.1	E3.2	E3.3	E3.4	E3.5	E3.6	E3.7

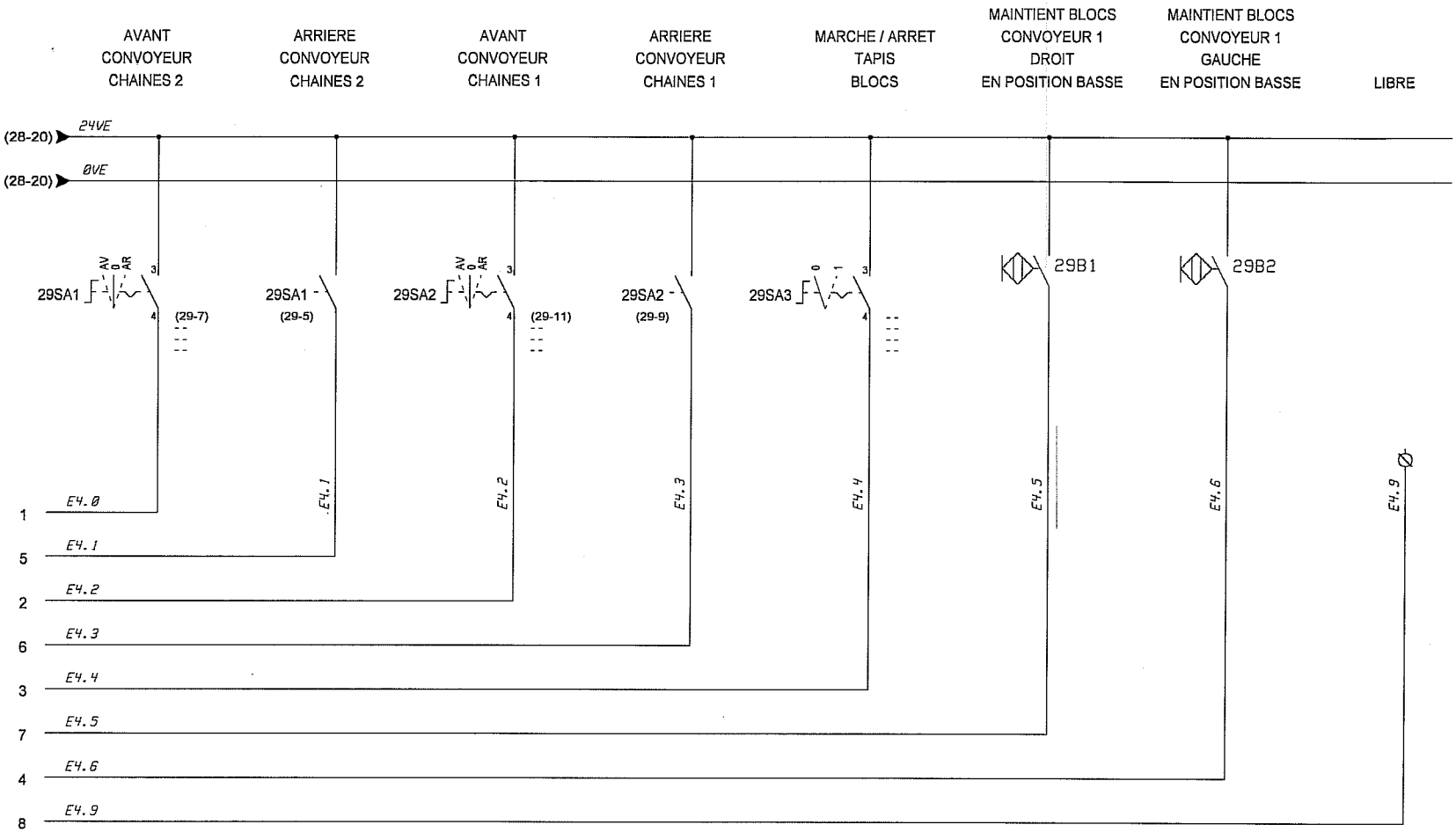
(27-20) 24VE → (29-4)
(27-20) 0VE → (29-4)

28B2 28B3

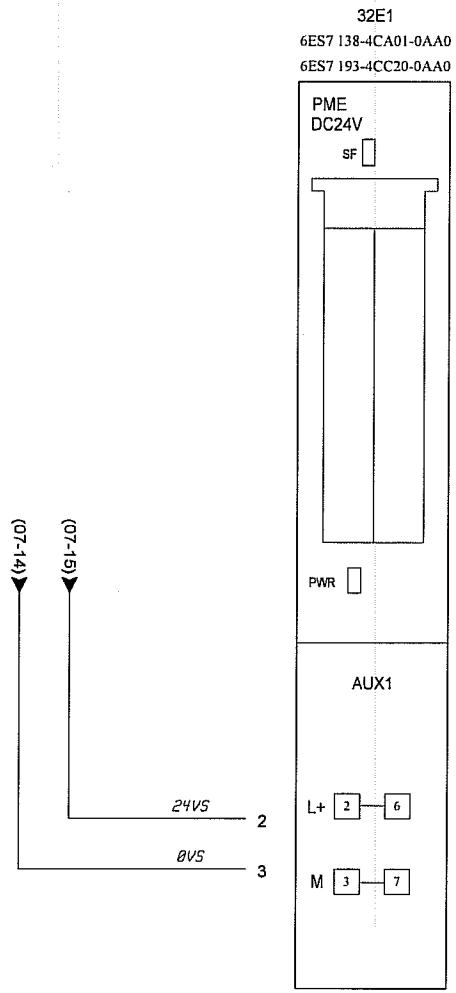
1 E3.0
5 E3.1
2 E3.2
6 E3.3
3 E3.4
7 E3.5
4 E3.6
8 E3.7

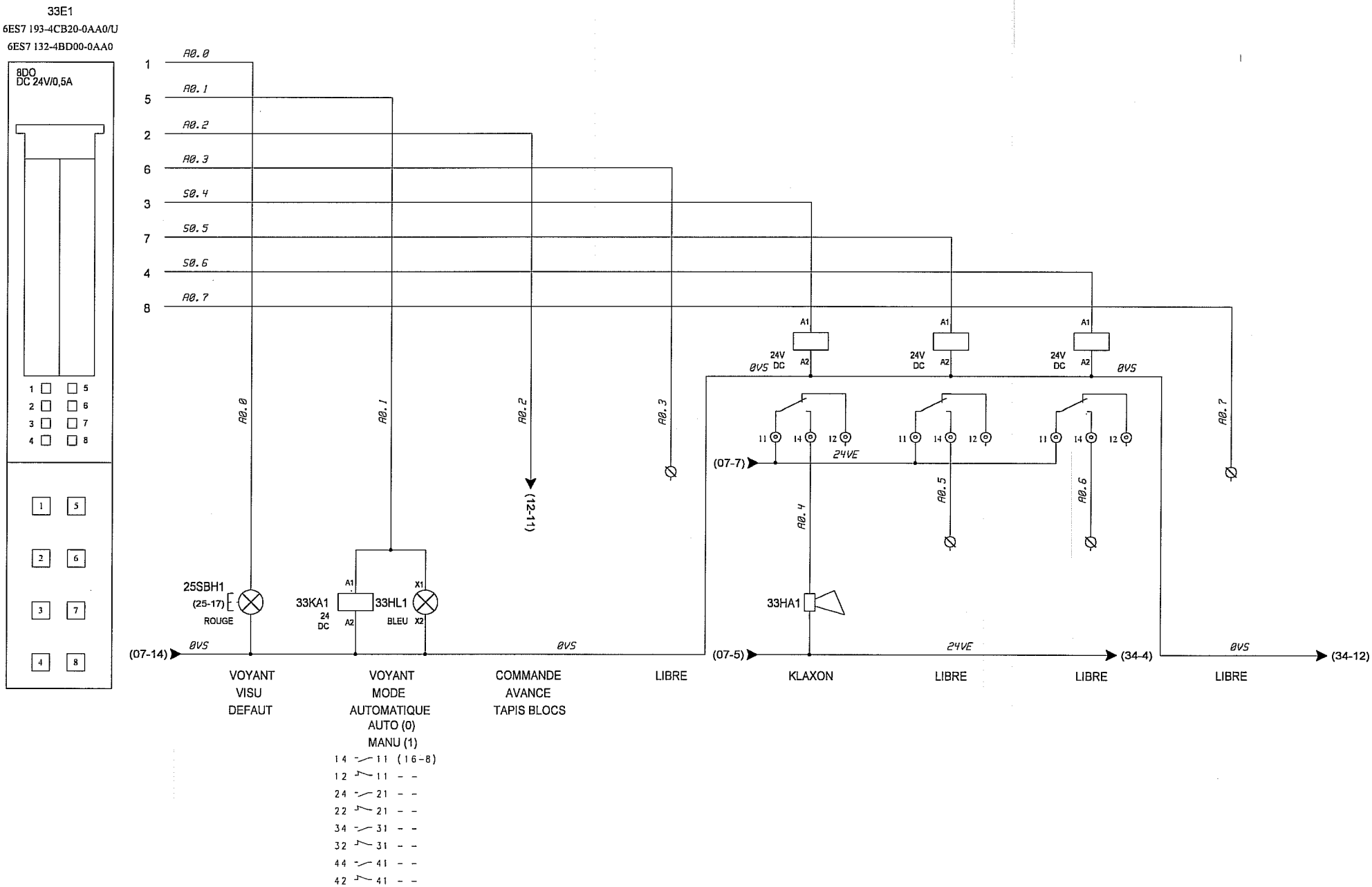
29E2
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0





1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
s.o.s. SODEME			C:\SEE ELECTRICAL EXPERT\MACHINE\PALETTE\ROBOT DEPILEUR DE BLOCS\PA078 SACCHI PALLETS\												ENTREES			28-04-2011	29/30		

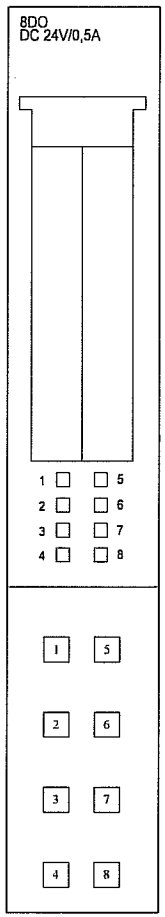

32E1
6ES7 138-4CA01-0AA0
6ES7 193-4CC20-0AA0
PME
DC24V
SF
PWR
AUX1
L+
M
2
3
6
7
24VS
0VS
(07-14)
(07-15)

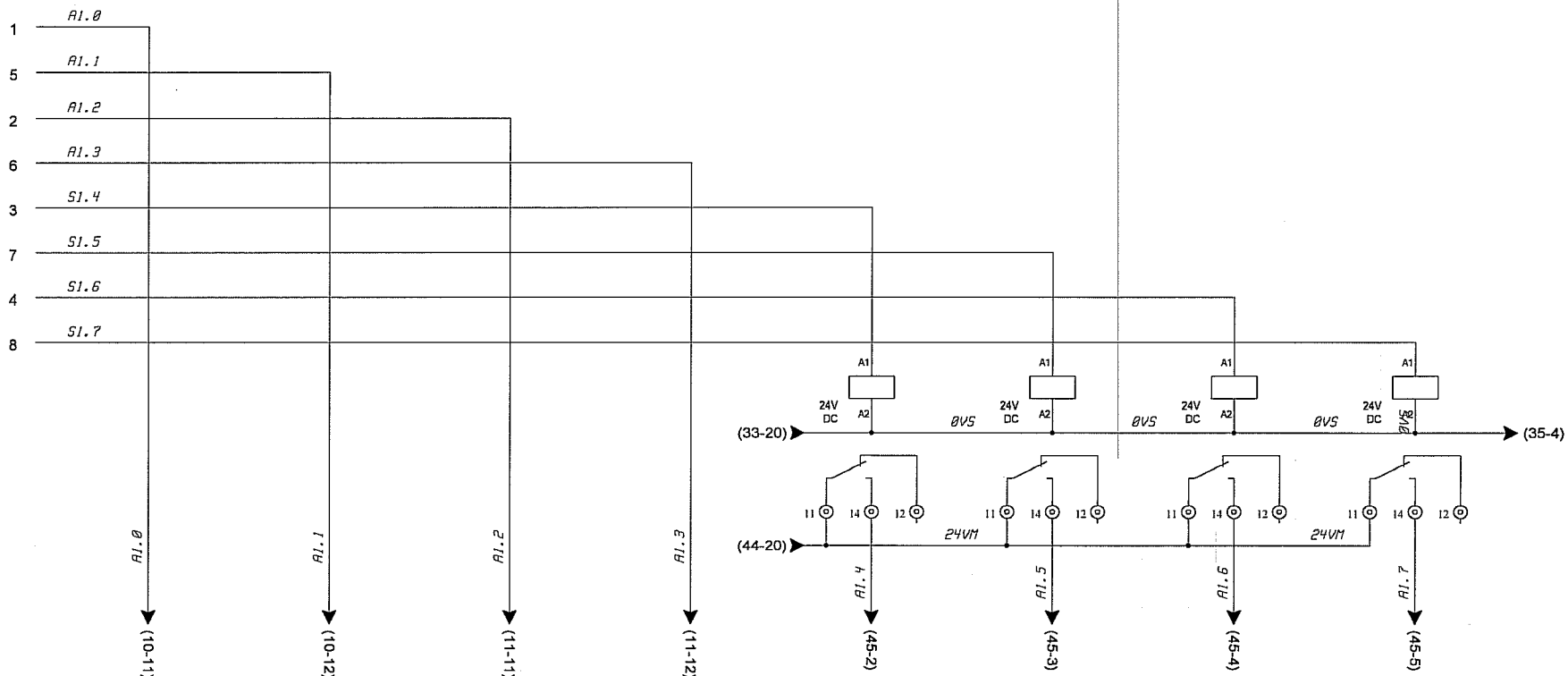

33E1
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0
8DO
DC 24V/0,5A
A0.0
A0.1
A0.2
A0.3
S0.4
S0.5
S0.6
A0.7
24V DC
0VS
A1
A2
11
14
12
24VE
(07-7)
A0.5
A0.6
A0.4
33HA1
25SBH1
(25-17)
ROUGE
33KA1
24 DC
33HL1
BLEU
X1
X2
(07-14)
(12-11)
(07-5)
(34-4)
(34-12)
VOYANT VISU DEFAUT
VOYANT MODE AUTOMATIQUE
AUTO (0)
MANU (1)
14 - 11 (16-8)
12 - 11 - -
24 - 21 - -
22 - 21 - -
34 - 31 - -
32 - 31 - -
44 - 41 - -
42 - 41 - -
COMMANDE AVANCE TAPIS BLOCS
LIBRE
KLAXON
LIBRE
LIBRE
LIBRE

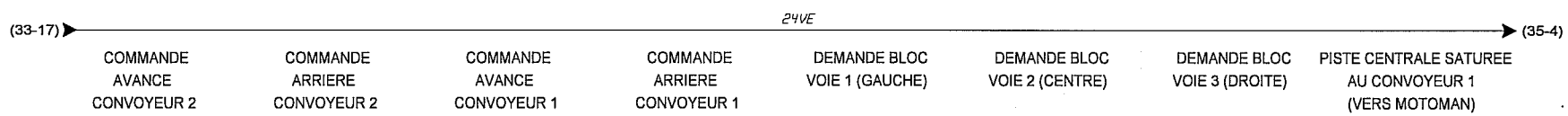
34E1

6ES7 193-4CB20-0AA0/U

6ES7 132-4BD00-0AA0



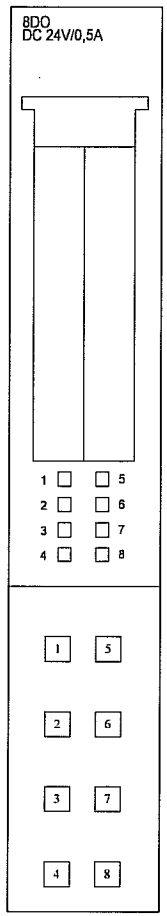


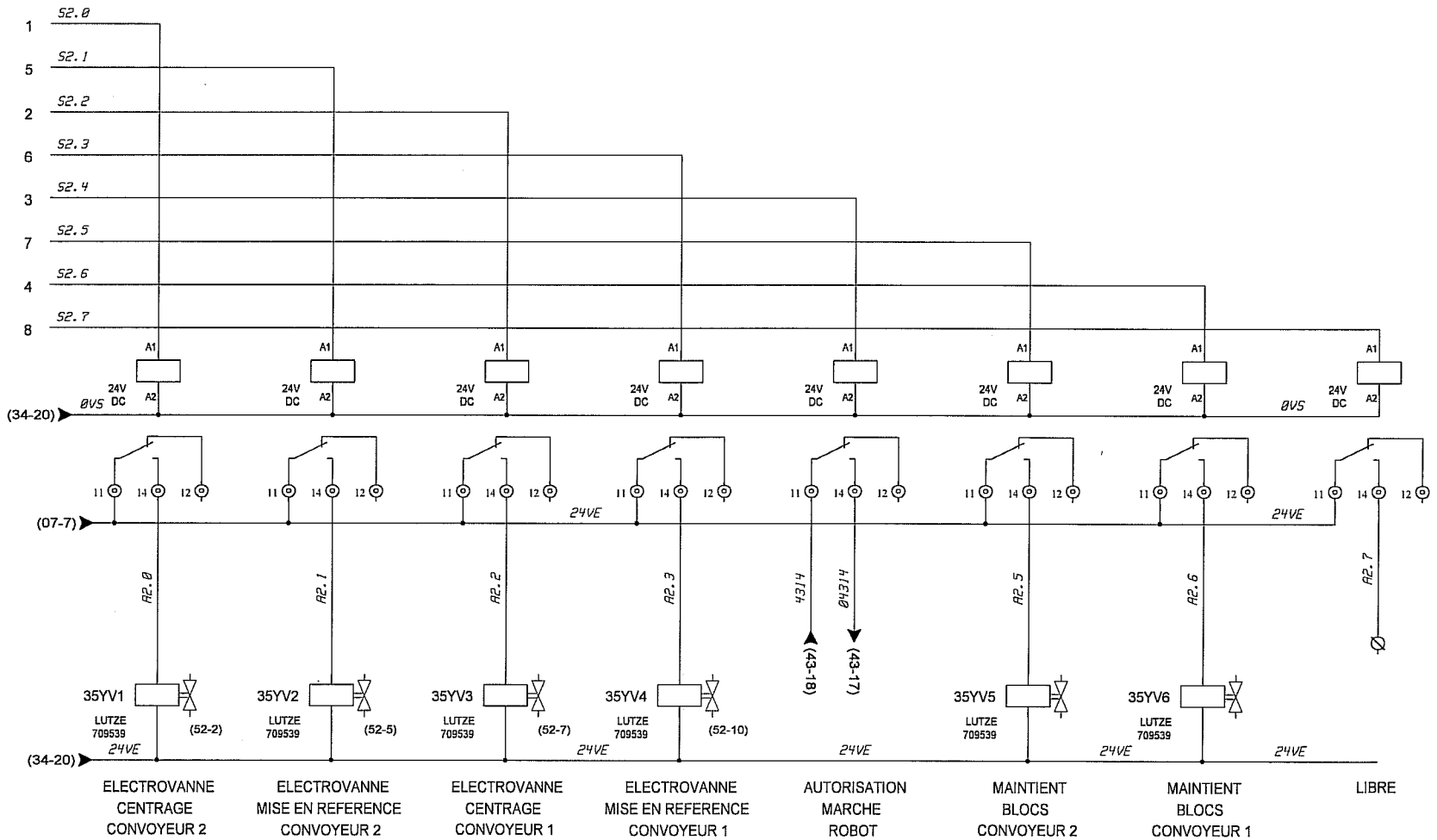


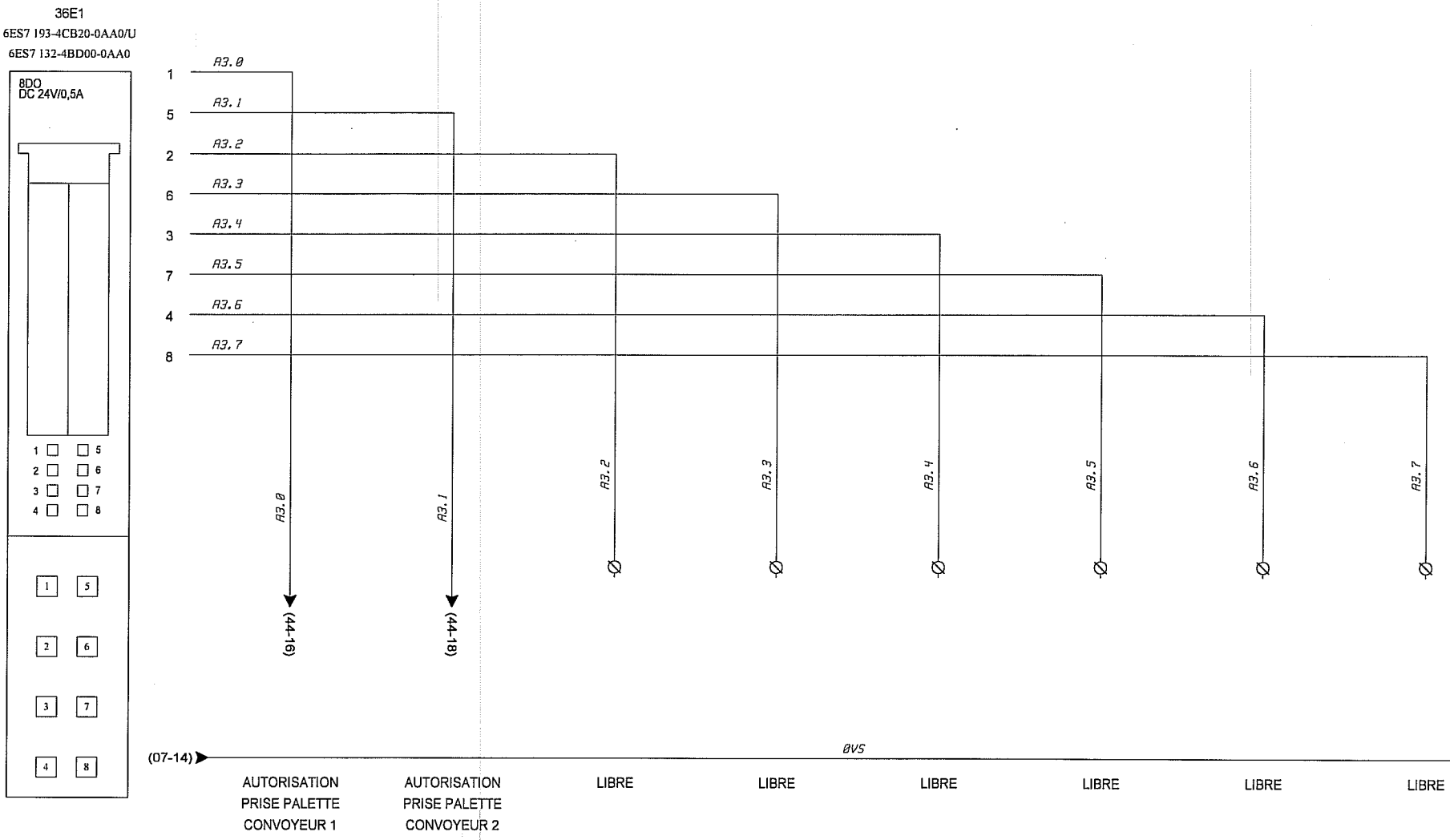
35E1

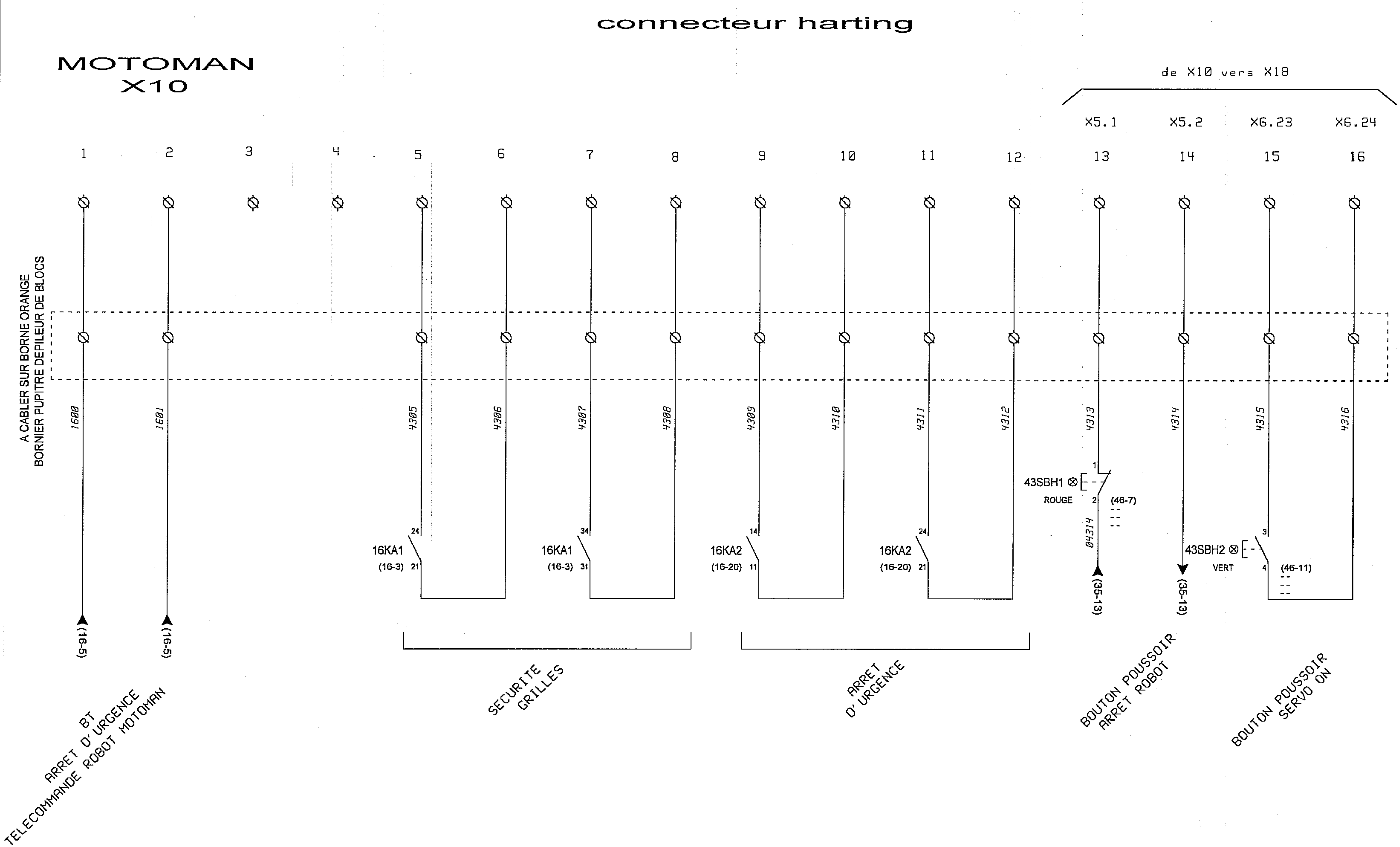
6ES7 193-4CB20-0AA0/U

6ES7 132-4BD00-0AA0



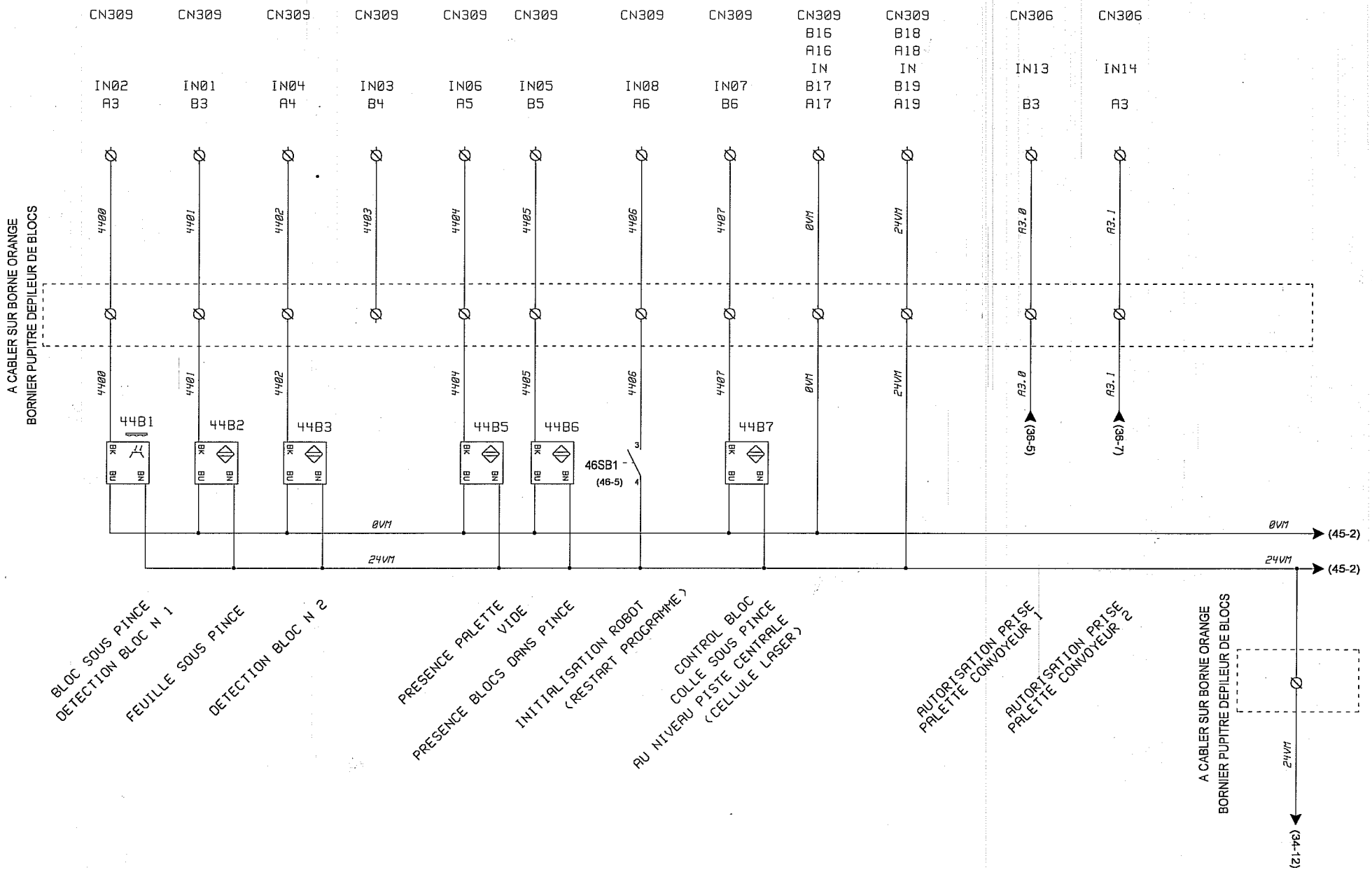



36E1
6ES7 193-4CB20-0AA0/U
6ES7 132-4BD00-0AA0
8DO
DC 24V/0,5A
1 5
2 6
3 7
4 8
A3.0
A3.1
A3.2
A3.3
A3.4
A3.5
A3.6
A3.7
(44-16)
(44-18)
(07-14)
0VS
AUTORISATION PRISE PALETTE CONVOYEUR 1
AUTORISATION PRISE PALETTE CONVOYEUR 2
LIBRE
LIBRE
LIBRE
LIBRE
LIBRE
LIBRE

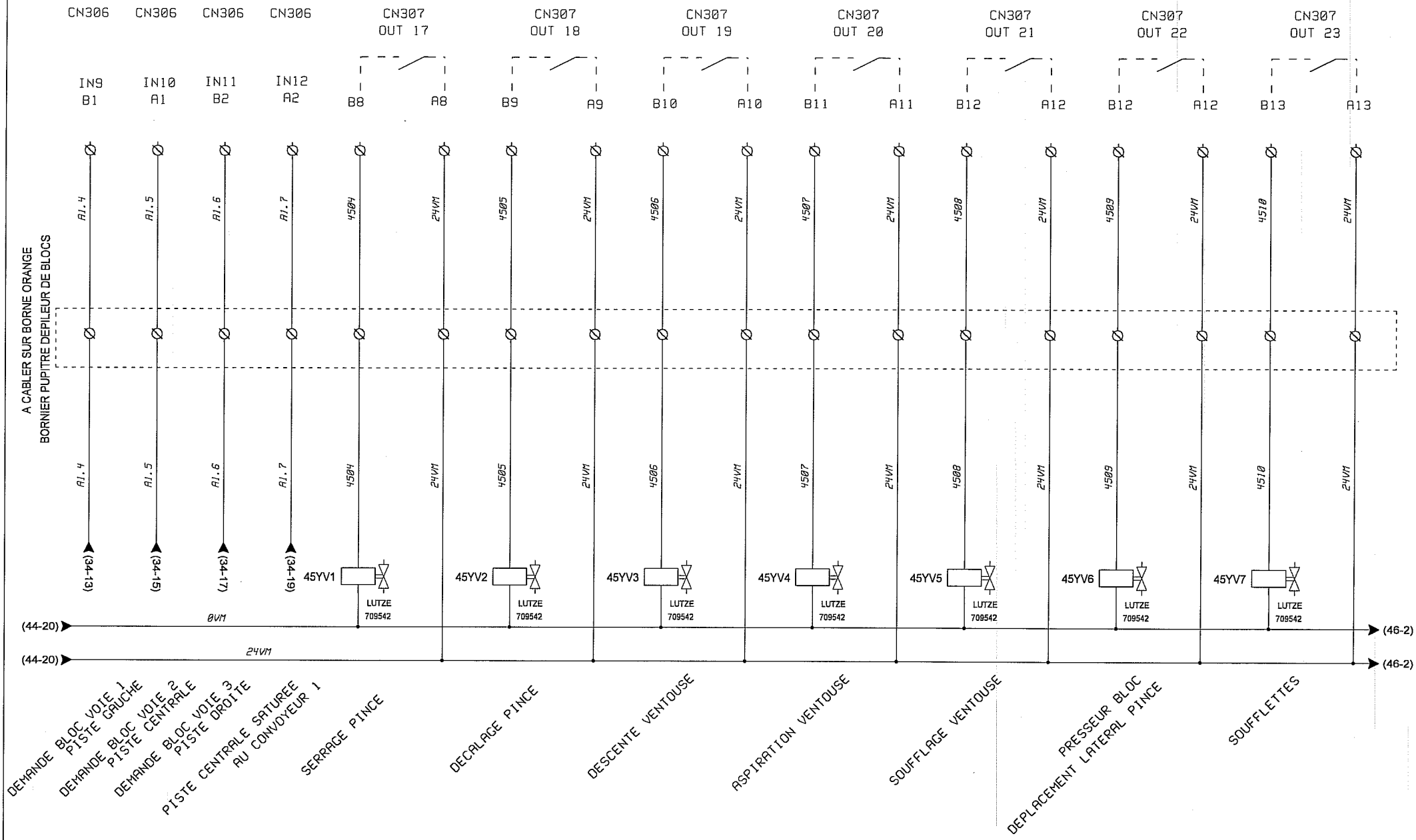


connecteur harting
MOTOMAN X10
de X10 vers X18
X5.1
X5.2
X6.23
X6.24
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
A CABLER SUR BORNE ORANGE
BORNIER PUPITRE DEPILEUR DE BLOCS
1600
1601
4305
4306
4307
4308
4309
4310
4311
4312
4313
4314
4315
4316
04314
16KA1 (16-3) 21 24
16KA1 (16-3) 31 34
16KA2 (16-20) 11 14
16KA2 (16-20) 21 24
43SBH1 ROUGE 1 2 (46-7)
43SBH2 VERT 3 4 (46-11)
(16-5)
(16-5)
(35-13)
(35-13)
BT
ARRET D'URGENCE
TELECOMMANDE ROBOT MOTOMAN
SECURITE GRILLES
ARRET D'URGENCE
BOUTON POUSSOIR ARRET ROBOT
BOUTON POUSSOIR SERVO ON

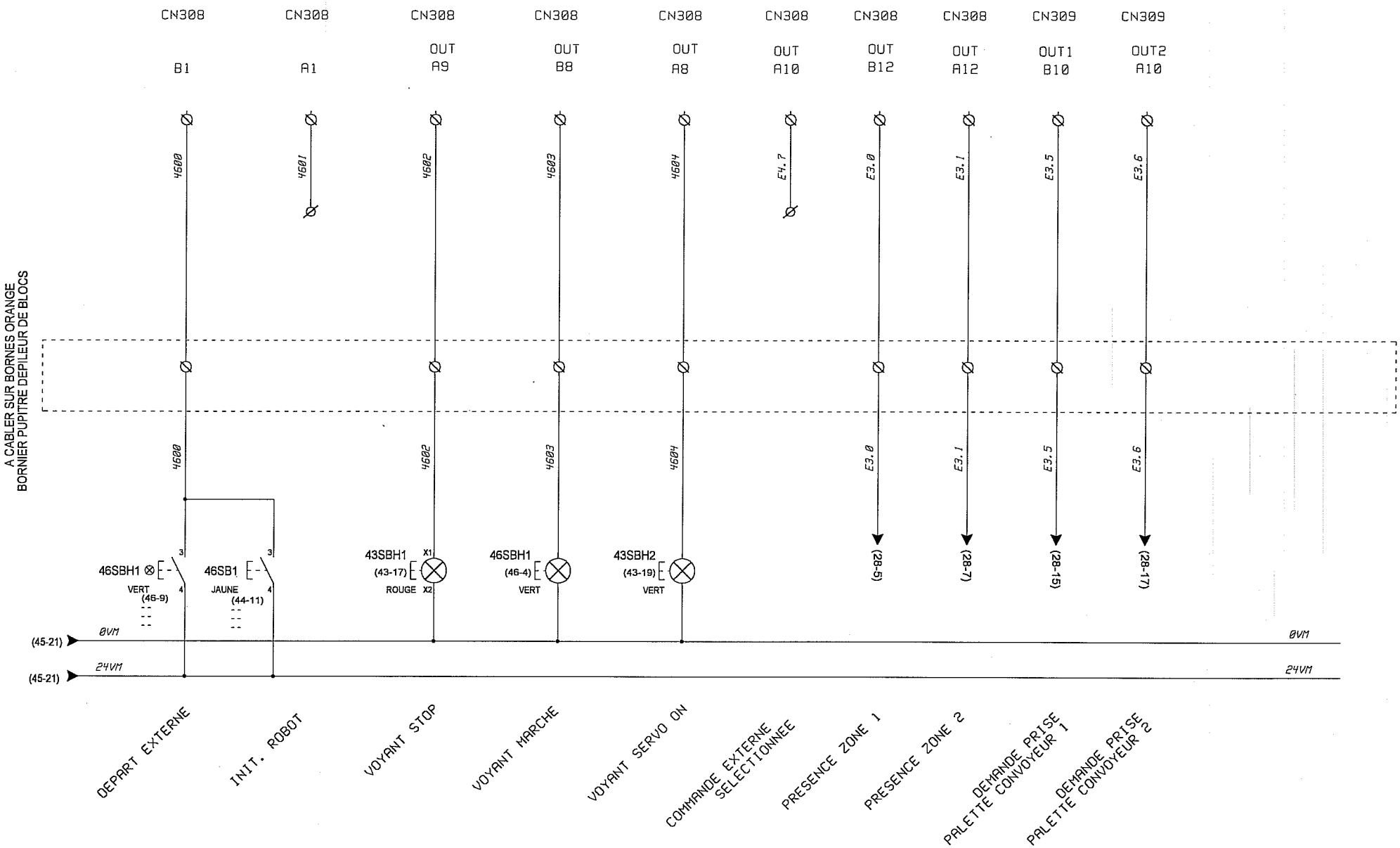
MOTOMAN X12-A



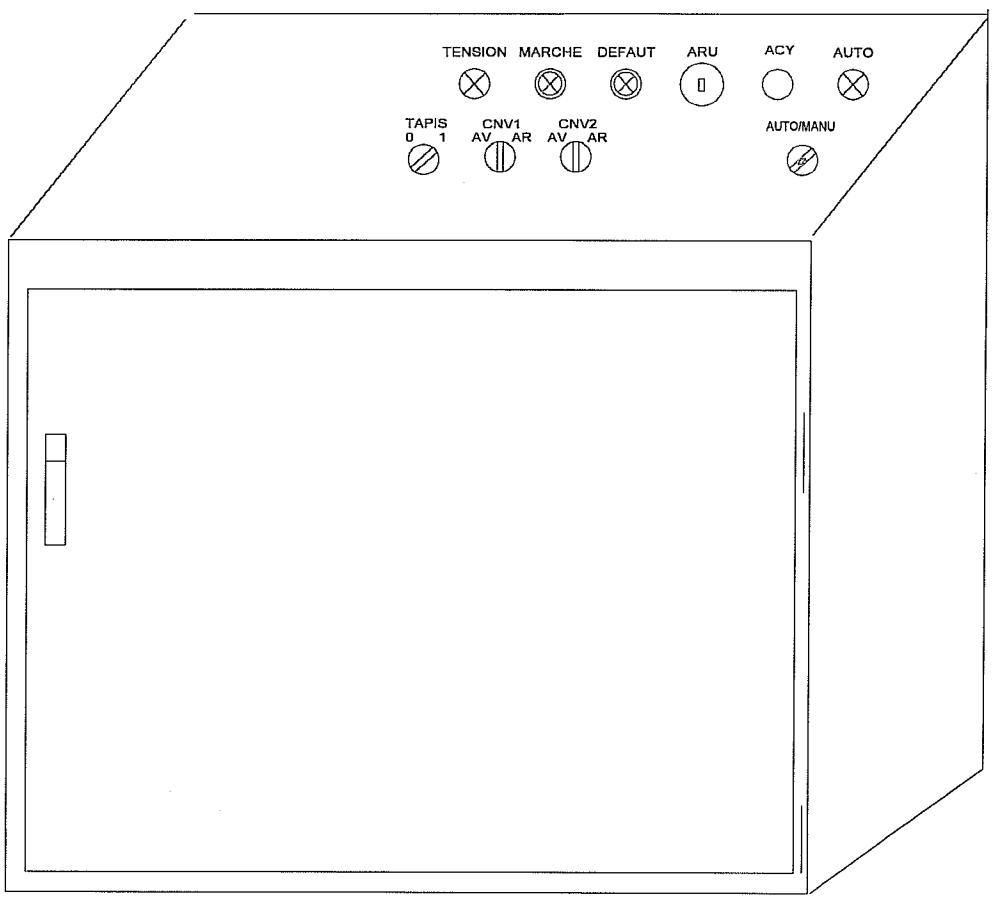
MOTOMAN X12-B



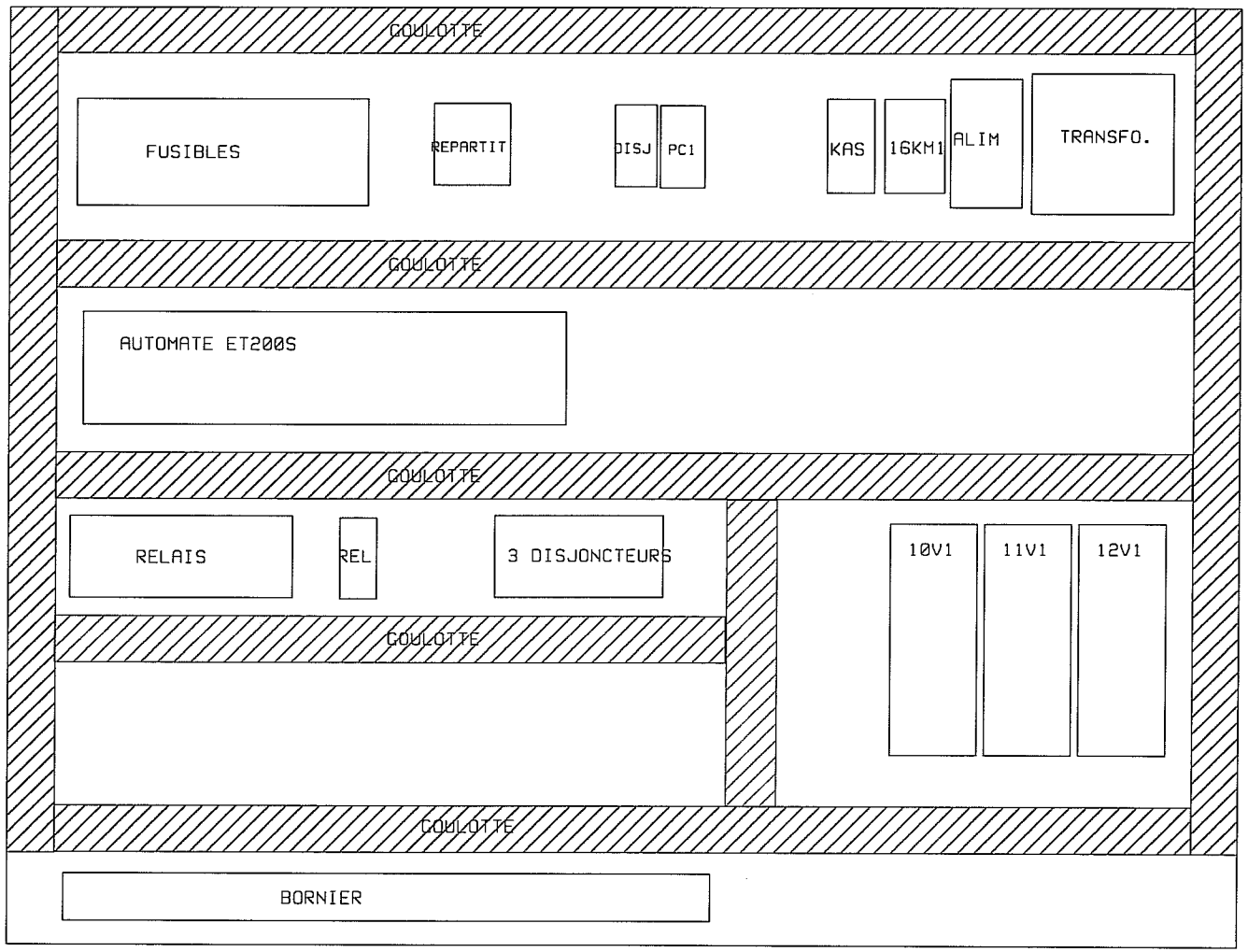
MOTOMAN


CN308 B1
CN308 A1
CN308 OUT A9
CN308 OUT B8
CN308 OUT A8
CN308 OUT A10
CN308 OUT B12
CN308 OUT A12
CN309 OUT1 B10
CN309 OUT2 A10
4600
4601
4602
4603
4604
E4.7
E3.0
E3.1
E3.5
E3.6
A CABLER SUR BORNES ORANGE
BORNIER PUPITRE DEPILEUR DE BLOCS
46SBH1 VERT (45-9)
46SB1 JAUNE (44-11)
43SBH1 (43-17) ROUGE
46SBH1 (46-4) VERT
43SBH2 (43-19) VERT
(28-5)
(28-7)
(28-15)
(28-17)
(45-21) 0VM
(45-21) 24VM
0VM
24VM
DEPART EXTERNE
INIT. ROBOT
VOYANT STOP
VOYANT MARCHE
VOYANT SERVO ON
COMMANDE EXTERNE SELECTIONNEE
PRESENCE ZONE 1
PRESENCE ZONE 2
DEMANDE PRISE PALETTE CONVOYEUR 1
DEMANDE PRISE PALETTE CONVOYEUR 2

IMPLANTATION ARMOIRE



IMPLANTATION ARMOIRE



PARAMETRES DU VARIATEUR 10V1
VITESSE CONVOYEUR 1 SK - 2T

PARAMETRES	VALEUR	PARAMETRES	VALEUR
01	0.0	25	0
02	50HZ	27	0
03	0.5	28	no
04	0.5	29	no
05	A1-AU	30	1
06	2.70	31	1
07	1500 tr/min	32	OFF
08	400	33	0
09	0.85	34	diG
10	L2	35	n=0
11	0	36	FR
12	diS	37	3
15	1.5	38	0
16	4-20mA	39	50HZ
17	OFF	40	AUTO
18	0.0	41	Ur1
19	0.0	42	3.0
20	0.0	43	19.2
21	0.0	44	1
22	LO	45	1.08
23	FR	55	VV
24	1.00	56	notr

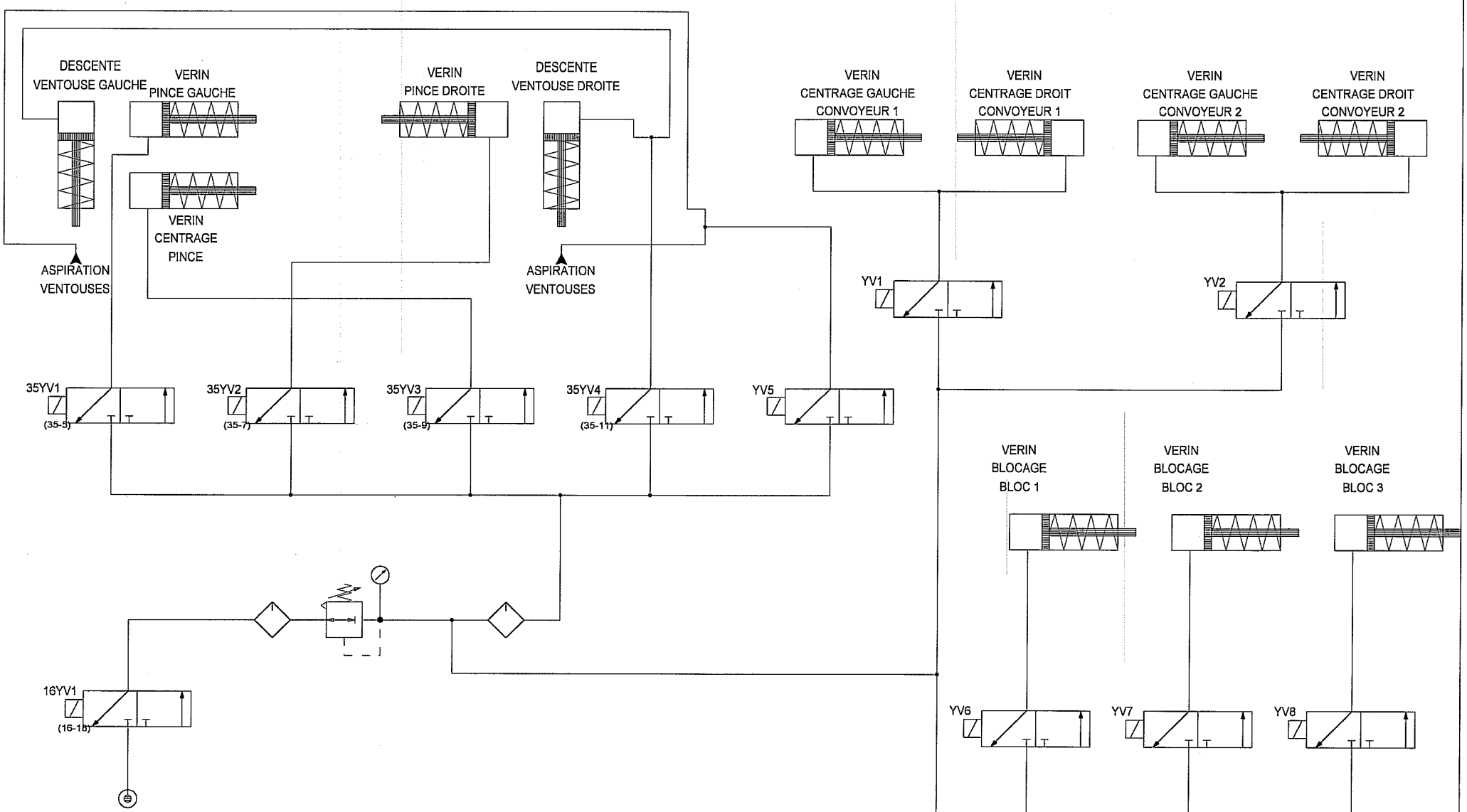
PARAMETRES DU VARIATEUR 11V1
VITESSE CONVOYEUR 2 SK - 2T

PARAMETRES	VALEUR	PARAMETRES	VALEUR
01	0.0	25	0
02	50HZ	27	0
03	0.5	28	no
04	0.5	29	no
05	A1-AU	30	1
06	2.70	31	1
07	1500 tr/min	32	OFF
08	400	33	0
09	0.85	34	diG
10	L2	35	n=0
11	0	36	FR
12	diS	37	3
15	1.5	38	0
16	4-20mA	39	50HZ
17	OFF	40	AUTO
18	0.0	41	Ur1
19	0.0	42	3.0
20	0.0	43	19.2
21	0.0	44	1
22	LO	45	1.08
23	FR	55	VV
24	1.00	56	notr

PARAMETRES DU VARIATEUR 12V1
VITESSE TAPIS BLOCS SK - 2T

PARAMETRES	VALEUR	PARAMETRES	VALEUR
01	0.0	25	0
02	50HZ	27	0
03	0.5	28	no
04	0.5	29	no
05	A1-AU	30	1
06	2.70	31	1
07	1500 tr/min	32	OFF
08	400	33	0
09	0.85	34	diG
10	L2	35	n=0
11	0	36	FR
12	diS	37	3
15	1.5	38	0
16	4-20mA	39	50HZ
17	OFF	40	AUTO
18	0.0	41	Ur1
19	0.0	42	3.0
20	0.0	43	19.2
21	0.0	44	1
22	LO	45	1.08
23	FR	55	VV
24	1.00	56	notr

PNEUMATIQUE ZONE ROBOT 6 AXES



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

S.O.S. SODEME	C:\SEE ELECTRICAL EXPERT\MACHINE\PALETTE\ROBOT DEPILEUR DE BLOCS\PA078 SACCHI PALLETS\	PNEUMATIQUE	28-04-2011	52 / 30