

SIPAR

— ARGENTINA —

626.16E-008-001-5

5	11.05.20	COTIZACIÓN REVAMPING S7				
			EPROC			
4	10.10.04	INSTALACION ROLOS MAG.		MAYLA	SAM	SAM
3	30.05.98	DESP. START-UP		LOG.	SEGAT	GIGANTE
2	29.04.97	DESPUES PRUEBAS	VENDRAME	VENDRAME	GLELEAN	ZANUTTIG
Mod.	Fecha	Descripcion	Encarg.	Contr.	Aprobado	Visto

 **DANIELI** AUTOMATION

SERVICIOS AUXILIARES ACABADORA

Titel		SERVICIOS AUXILIARES ACABADORA		Escala	/	MICROFILM FIELD
=30BB.F02		+		Tamano	A3	
Nº.		3062-D30-E3302		Mod.	Hoja	1
				3	Sigue	3

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F 626.16E-008-003-3

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(ENTRADA VUA+CMA)	
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(A LA SALIDA SECT. 1 CMA)	
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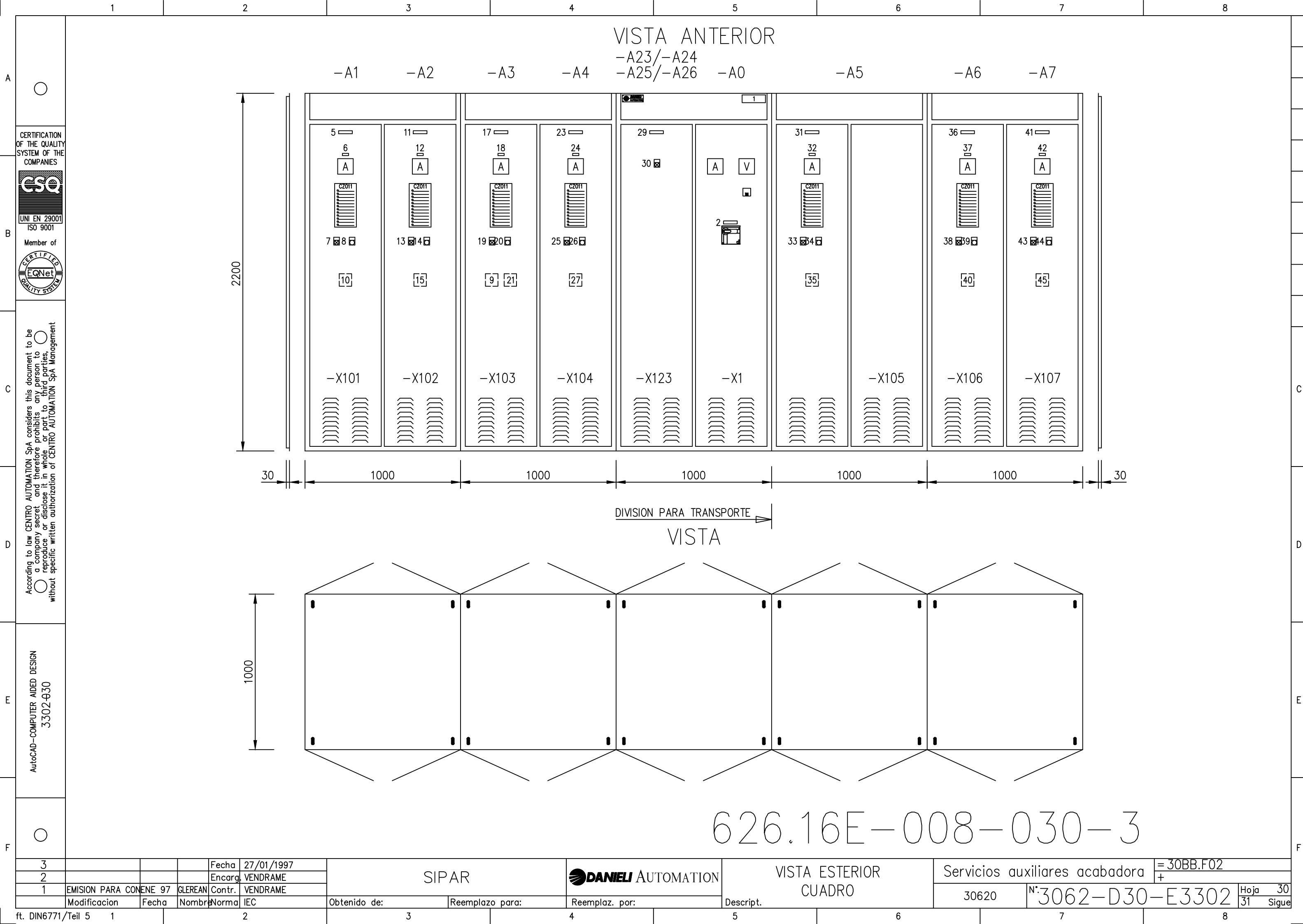
7.1 LISTA CABLES ESPECIALES

LISTA CABLES ESPECIALES	791
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8 LISTA COMPONENTES

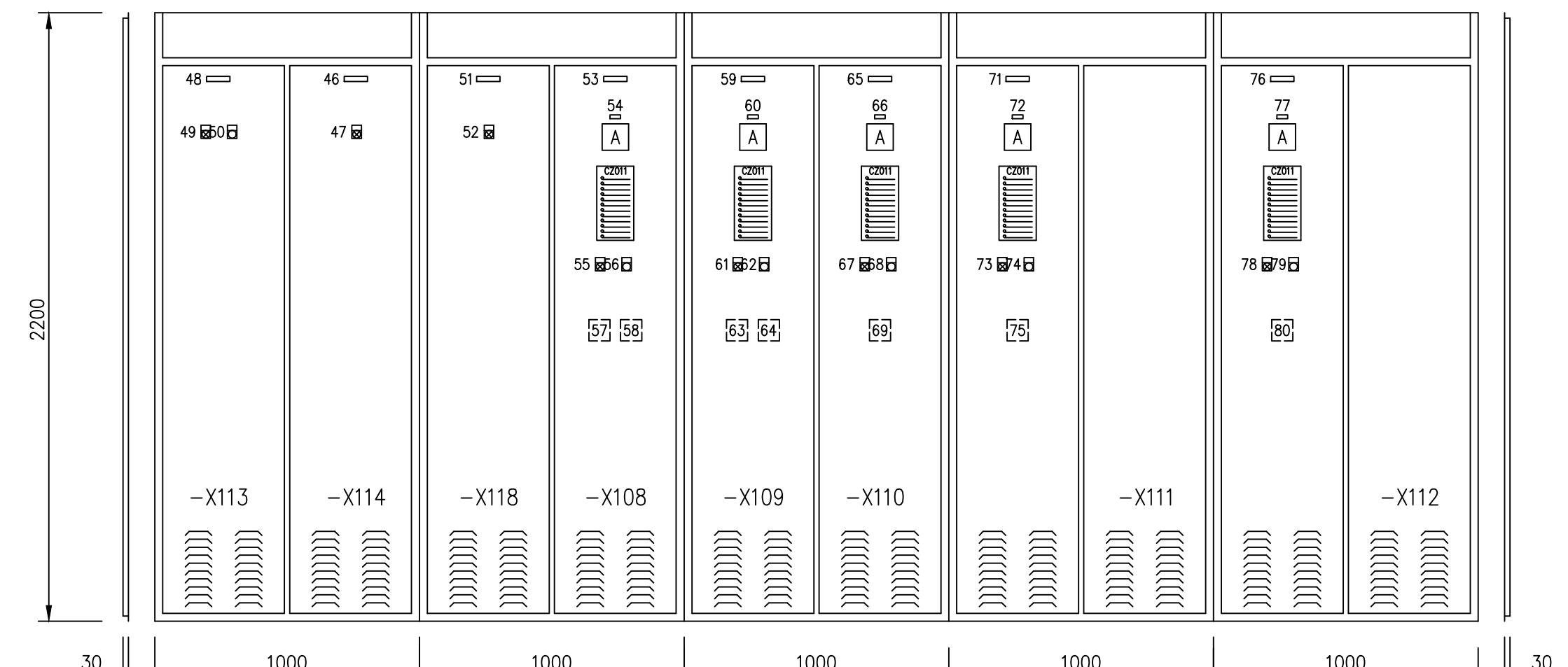
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(ENTRADA VUA+CMA)	
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1	2	3	4	5	6	7	8			
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSQ UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	ITEM	Nº. DIBUJO	CODIGO	DESCRIPCION			CODIGO CEDA			
	1	3062-D30-E3301	=30BB.F01	TABLERO SERVICIOS AUXILIARES TREN DE LAMINACION			/			
	2	3062-D30-E3302	=30BB.F02	TABLERO SERVICIOS AUXILIARES ACABADORA			/			
	3	3062-D30-S3510	=30BB.L10	AUTOMATIZACION TREN DE LAMINACION			KD30620591101			
	4	3062-D30-S3520	=30BB.L20	AUTOMATIZACION SERVICIOS TREN DE LAMINACION			KD30620591102			
	5	3062-D30-S3540	=30BB.L40	AUTOMATIZACION CIZALLAS CV1-CV3 & MESA DE ENFRIAMIENTO			KD30620591104			
	6	3062-D30-S3550	=30BB.L50	AUTOMATIZACION ZONA ACABADORA			KD30620591105			
	7	3062-D30-E3401	=30BB.H01	TABLERO CONVERTIDOR CAJA 3			/			
	8	3062-D30-E3402	=30BB.H02	TABLERO CONVERTIDOR CAJA 5			/			
	9	3062-D30-E3403	=30BB.H03	TABLERO CONVERTIDOR CAJA 6			/			
	10	3062-D30-E3404	=30BB.H04	TABLERO CONVERTIDOR CAJA 7			/			
	11	3062-D30-E3405	=30BB.H05	TABLERO CONVERTIDOR CAJA 11			/			
	12	3062-D30-E3406	=30BB.H06	TABLERO CONVERTIDOR CAJA 13			/			
	13	3062-D30-E3407	=30BB.H07	TABLERO CONVERTIDOR BGV MASTER			/			
	14	3062-D30-E3408	=30BB.H08	TABLERO CONVERTIDOR BGV SLAVE			/			
	15	/	/	TABLERO CONVERTIDOR DE CLIENTE CAJAS 2-4-6-9-10-12-14			/			
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D ○										
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-005										
F ○ 626.16E-008-005-3										
3			Fecha 27/01/1997	SIPAR	DANIELI AUTOMATION	ESQUEMA DE REFERENCIA	Servicios auxiliares acabadora = 30BB.F02			
2			Encarg. VENDRAME				+			
1	EMISION PARA CONENE 97	GLEREAN	Contr. VENDRAME				30620 N°: 3062-D30-E3302 Hoja 5			
Modificacion	Fecha	Nombre	Norma IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	30 Sigue			



VISTA POSTERIOR

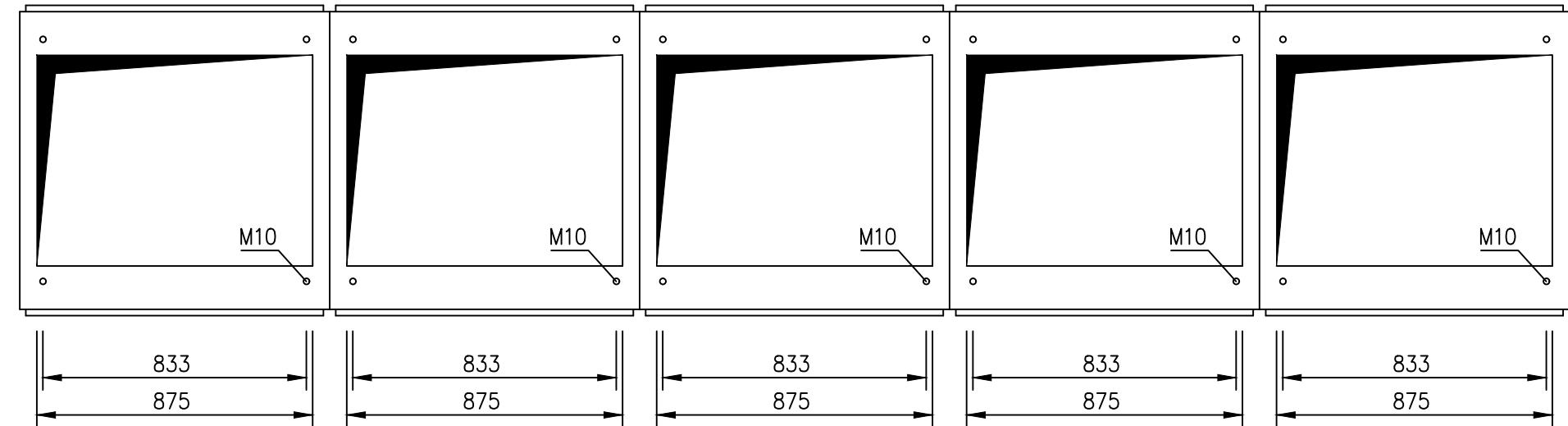
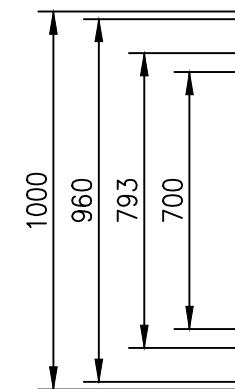
-A13 -A14/-A15/A18/-A19/-A20
 -A16/-A17 -A21/-A22 -A8 -A9 -A10 -A11 -A12

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ISO 9001

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3302-031

626.16E-008-031-3

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	VISTA EXTERIOR CUADRO	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.				+ 30620	
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 31
Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Sigue 32

A	REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
	1	=30BB .F02 SERVICIOS AUX. ACABADORA			45x148 (014)
	2	LLEGADA LINEA 3 ~ 50Hz 380V	-AO-Q1	/100.3	26x112 (013)
	3				
	4				
B	5	TRANSPORTADOR DE CADENAS 1			26x112 (013)
	6	CORRIENTE MOTOR	-A1-P1	/120.5	18x52 (010)
	7	AVERIA	-A1-H1	/134.3	COLLAR ?22 (007)
	8	RESET AVERIA/ PRUEBA LAMPARAS	-A1-S2	/134.6	COLLAR ?22 (007)
	9	PARA O ARRANCA	-A1-S3	/136.6	COLLAR ?22 (007)
	10	MANDOS LOCAL REMOTO	-A1-S1	/134.6	COLLAR ?22 (007)
	11	TRANSPORTADOR DE CADENAS 2			26x112 (013)
	12	CORRIENTE MOTOR	-A2-P1	/140.5	18x52 (010)
	13	AVERIA	-A2-H1	/154.3	COLLAR ?22 (007)
	14	RESET AVERIA/ PRUEBA LAMPARAS	-A2-S2	/154.6	COLLAR ?22 (007)
	15	PARA O ARRANCA	-A2-S3	/156.6	COLLAR ?22 (007)
	16				
	17	CARRITOS EXTRACCION ESTRATOS 1			26x112 (013)
	18	CORRIENTE MOTOR	-A3-P1	/160.5	18x52 (010)
	19	AVERIA	-A3-H1	/174.3	COLLAR ?22 (007)
	20	RESET AVERIA/ PRUEBA LAMPARAS	-A3-S2	/174.6	COLLAR ?22 (007)
	21	PARA O ARRANCA	-A3-S3	/176.6	COLLAR ?22 (007)
	22				

A	REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
	23	CARRITOS EXTRACCION ESTRATOS 2			26x112 (013)
	24	CORRIENTE MOTOR	-A4-P1	/180.5	18x52 (010)
	25	AVERIA	-A4-H1	/194.3	COLLAR ?22 (007)
	26	RESET AVERIA/ PRUEBA LAMPARAS	-A4-S2	/194.6	COLLAR ?22 (007)
	27	PARA O ARRANCA	-A4-S3	/196.6	COLLAR ?22 (007)
	28				
	29	BOMBAS CLO/VCR			26x112 (013)
	30	AVERIA	-A23-H1	/400.4	COLLAR ?22 (007)
	31	CAMINO DE RODILLOS PARA ESTRATOS (ENTRADA VUA+CMA)			26x112 (013)
	32	CORRIENTE MOTOR	-A5-P1	/200.5	18x52 (010)
	33	AVERIA	-A5-H1	/208.3	COLLAR ?22 (007)
	34	RESET AVERIA/ PRUEBA LAMPARAS	-A5-S2	/208.6	COLLAR ?22 (007)
	35	PARA O ARRANCA	-A5-S3	/208.6	COLLAR ?22 (007)
	36	CAMINO DE RODILLOS PARA ESTRATOS (SALIDA CMA SECT. 1)			26x112 (013)
	37	CORRIENTE MOTOR	-A6-P1	/220.5	18x52 (010)
	38	AVERIA	-A6-H1	/228.3	COLLAR ?22 (007)
	39	RESET AVERIA/ PRUEBA LAMPARAS	-A6-S2	/228.6	COLLAR ?22 (007)
	40	PARA O ARRANCA	-A6-S3	/228.6	COLLAR ?22 (007)
	41	CAMINO DE RODILLOS PARA ESTRATOS (SALIDA CMA SECT. 2)			26x112 (013)
	42	CORRIENTE MOTOR	-A7-P1	/240.5	18x52 (010)
	43	AVERIA	-A7-H1	/248.3	COLLAR ?22 (007)
	44	RESET AVERIA/ PRUEBA LAMPARAS	-A7-S2	/248.6	COLLAR ?22 (007)

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REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
45	PARA O ARRANCA	-A7-S3	/248.6	COLLAR ?22 (007)
46	LUBRIFICACION CMA			26x112 (013)
47	AVERIA	-A14-H1	/380.4	COLLAR ?22 (007)
48	CIZALLA FRIA			26x112 (013)
49	AVERIA	-A13-H1	/360.4	COLLAR ?22 (007)
50	RESET	-A13-S1	/360.3	COLLAR ?22 (007)
51	TOPE MOVIL SOBRE RUEDAS/ TRANSPI. DE CADENAS			26x112 (013)
52	AVERIA	-A18-H1	/388.6	COLLAR ?22 (007)
53	TRANSP. DE CADENAS A LA ENTRADA			26x112 (013)
54	CORRIENTE MOTOR	-A8-P1	/260.5	18x52 (010)
55	AVERIA	-A8-H1	/274.3	COLLAR ?22 (007)
56	RESET AVERIA/ PRUEBA LAMPARAS	-A8-S2	/274.6	COLLAR ?22 (007)
57	PARA O ARRANCA	-A8-S3	/276.6	COLLAR ?22 (007)
58	MANDOS LOCAL REMOTO	-A8-S1	/274.6	COLLAR ?22 (007)
59	TRANSPORTADOR EXTRACCION			26x112 (013)
60	CORRIENTE MOTOR	-A9-P1	/280.5	18x52 (010)
61	AVERIA	-A9-H1	/294.3	COLLAR ?22 (007)
62	RESET AVERIA/ PRUEBA LAMPARAS	-A9-S2	/294.6	COLLAR ?22 (007)
63	PARA O ARRANCA	-A9-S3	/296.6	COLLAR ?22 (007)
64	MANDOS LOCAL REMOTO	-A9-S1	/294.6	COLLAR ?22 (007)
65	TRANSP. DE CADENAS VERT. CON SACAS			26x112 (013)
66	CORRIENTE MOTOR	-A10-P1	/300.5	18x52 (010)

REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
67	AVERIA	-A10-H1	/314.3	COLLAR ?22 (007)
68	RESET AVERIA/ PRUEBA LAMPARAS	-A10-S2	/314.6	COLLAR ?22 (007)
69	PARA O ARRANCA	-A10-S3	/316.6	COLLAR ?22 (007)
70				
71	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 1			26x112 (013)
72	CORRIENTE MOTOR	-A11-P1	/320.5	18x52 (010)
73	AVERIA	-A11-H1	/328.3	COLLAR ?22 (007)
74	RESET AVERIA/ PRUEBA LAMPARAS	-A11-S2	/328.6	COLLAR ?22 (007)
75	PARA O ARRANCA	-A11-S3	/328.6	COLLAR ?22 (007)
76	CAMINO DE RODILLO CON ROLOS LOCOS VERT. SECT. 2			26x112 (013)
77	CORRIENTE MOTOR	-A12-P1	/340.5	18x52 (010)
78	AVERIA	-A12-H1	/348.3	COLLAR ?22 (007)
79	RESET AVERIA/ PRUEBA LAMPARAS	-A12-S2	/348.6	COLLAR ?22 (007)
80	PARA O ARRANCA	-A12-S3	/348.6	COLLAR ?22 (007)
81				
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3 DESP. PRUEBAS ABR 97 GLEREAN Fecha 27/01/1997

2 EMISION PARA CONENE 97 GLEREAN Encarg. VENDRAME

1 Modificacion Fecha Nombr Norma IEC

SIPAR

DANIELI AUTOMATION

LISTA DE PLACAS

Servicios auxiliares acabadora = 30BB.F02

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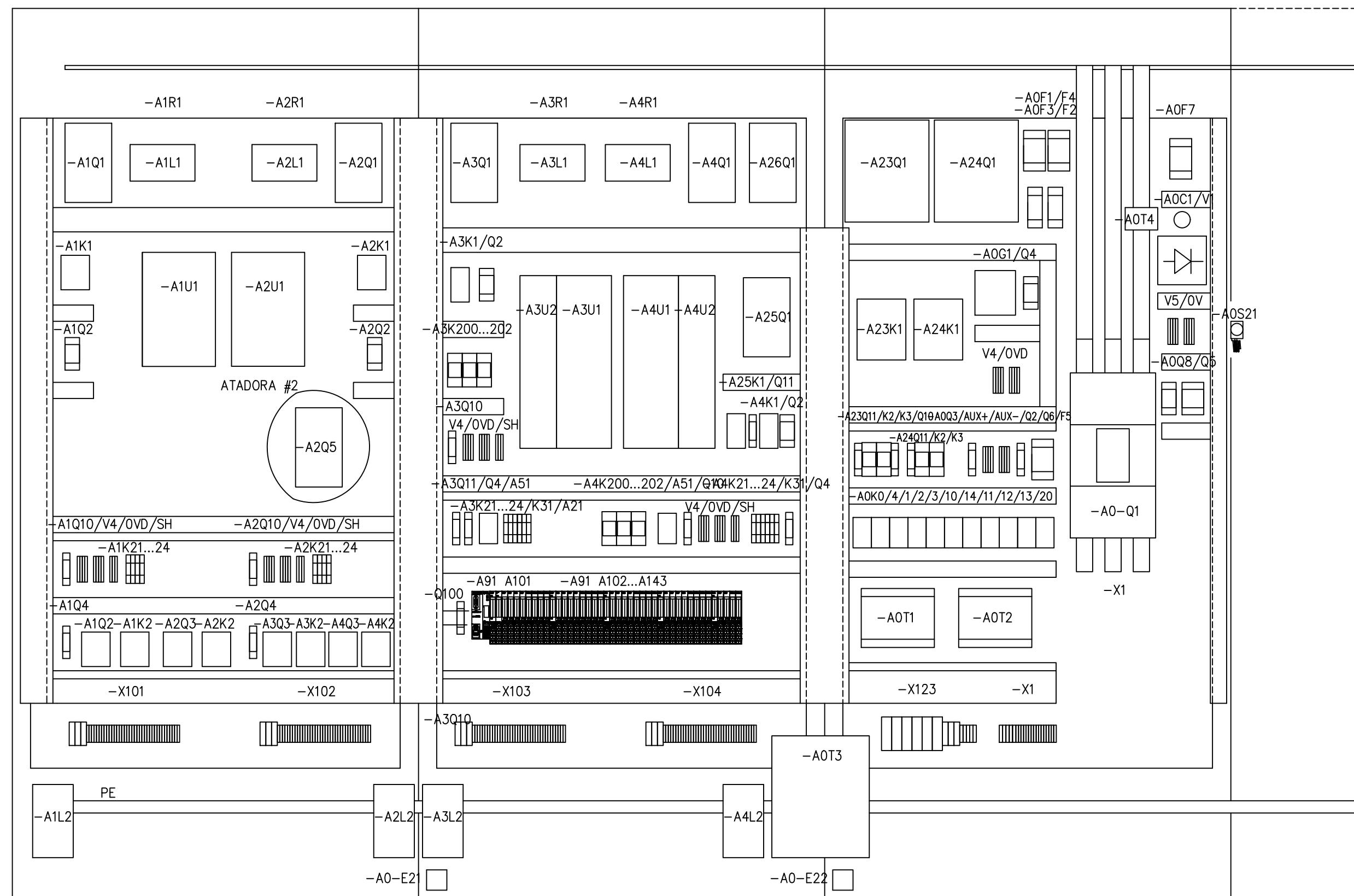
30620 N° 3062-D30-E3302

Hoja 33

36 Sigue

VISTA ANTERIOR

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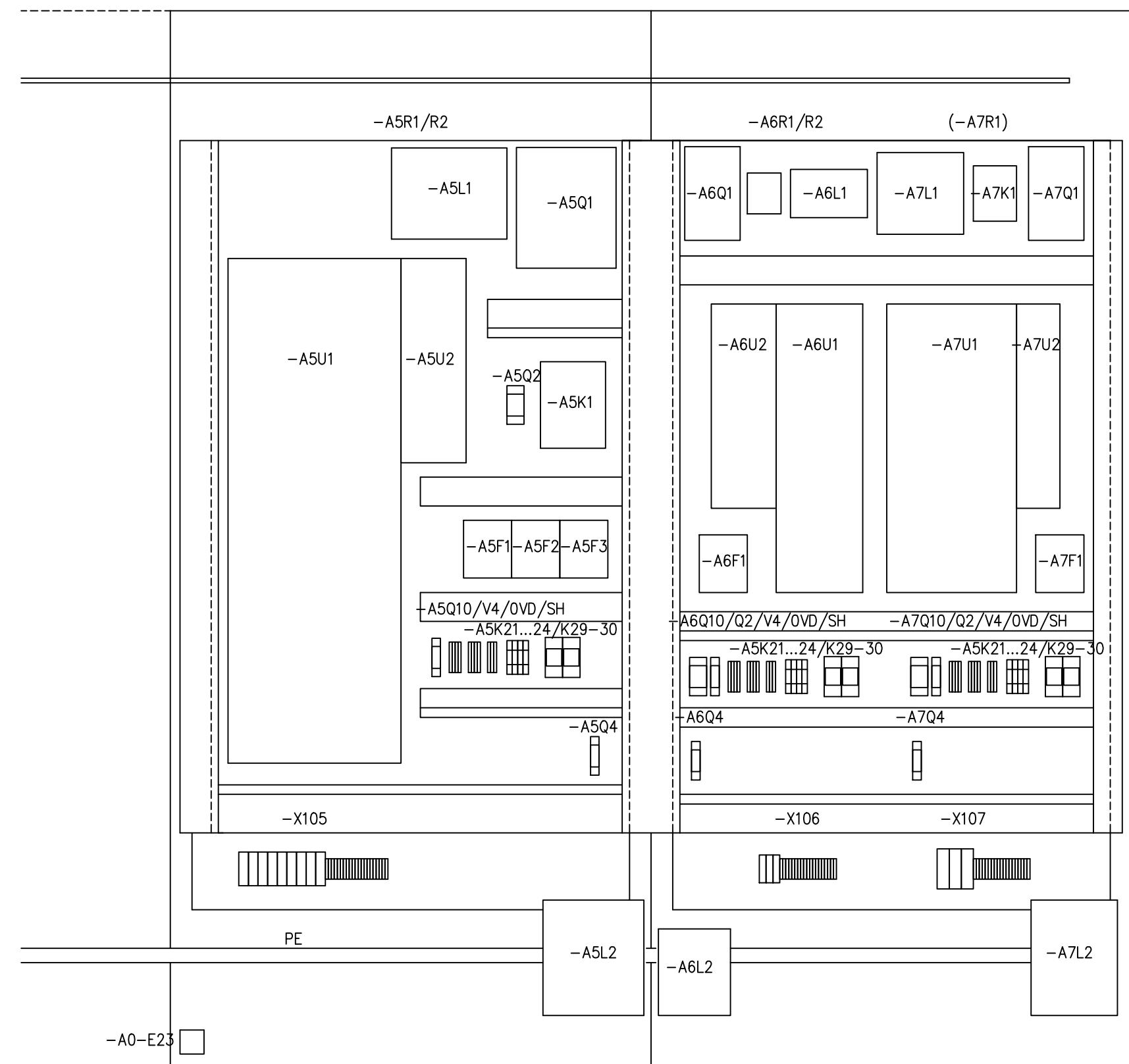
NOTE: K2 TELERUTTORE FAN FEEDER
Q3 INTERRUTTORE FAN FEEDER

ESCALA 1:10 POR TAMAÑOS A3
Dimensiones en milímetros

			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LAYOUT APARATOS EN EL CUADRO	Servicios auxiliares acabadora		= 30BB.F02
5	REVAMPING COTIZ	11.05.20	EPROC	Encarg.						+
3	DESP. START-UP	MAY 98	LOG.	Contr.	VENDRAME					
Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302
										Hoja 36 37 Sigue

VISTA ANTERIOR

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3302-D30

626.16E-008-037-3

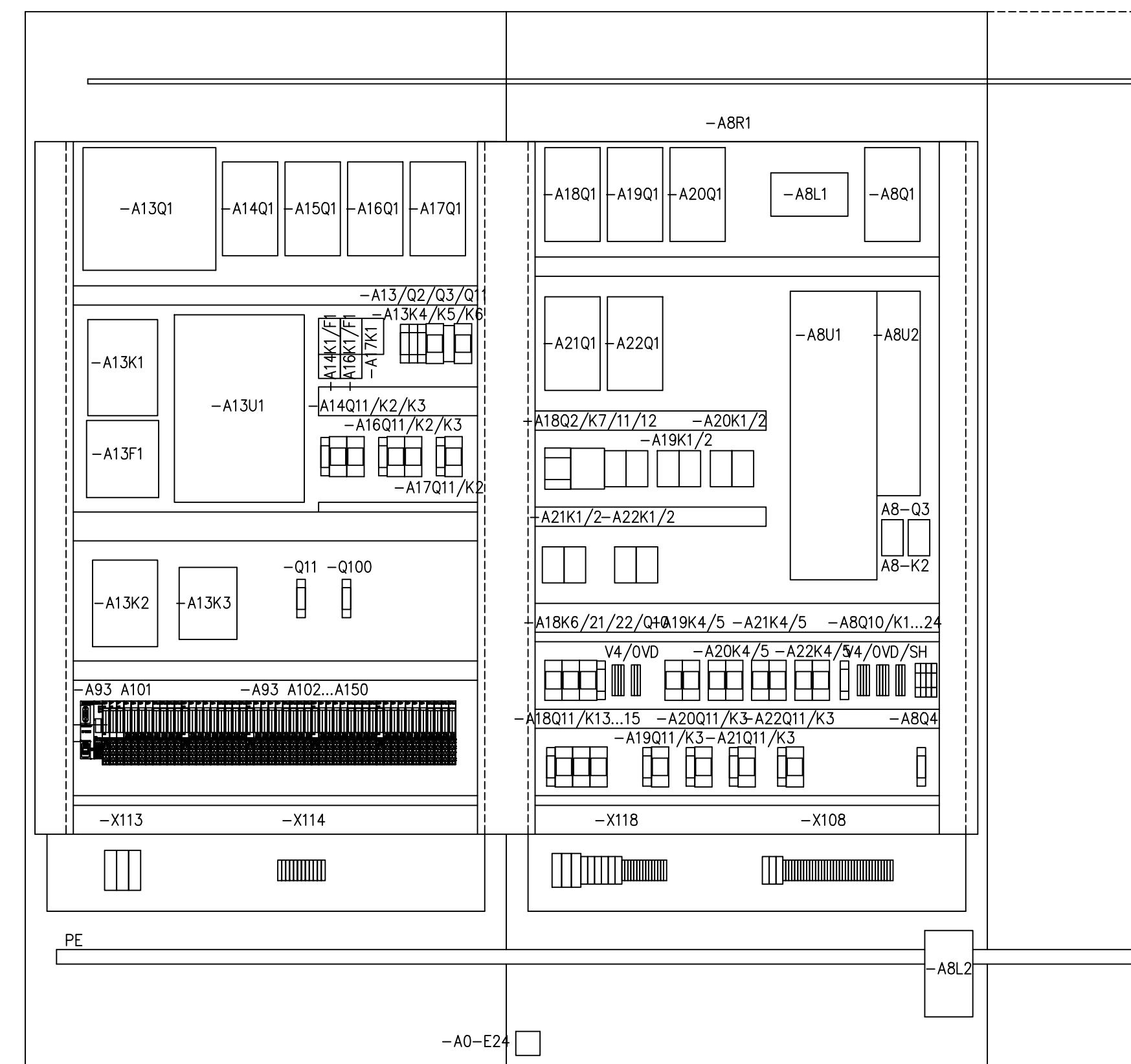
ESCALA 1:10 POR TAMAÑOS A3
Dimensiones en milímetros

3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LAYOUT APARATOS EN EL CUADRO	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 37
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	38 Sigue

VISTA POSTERIOR

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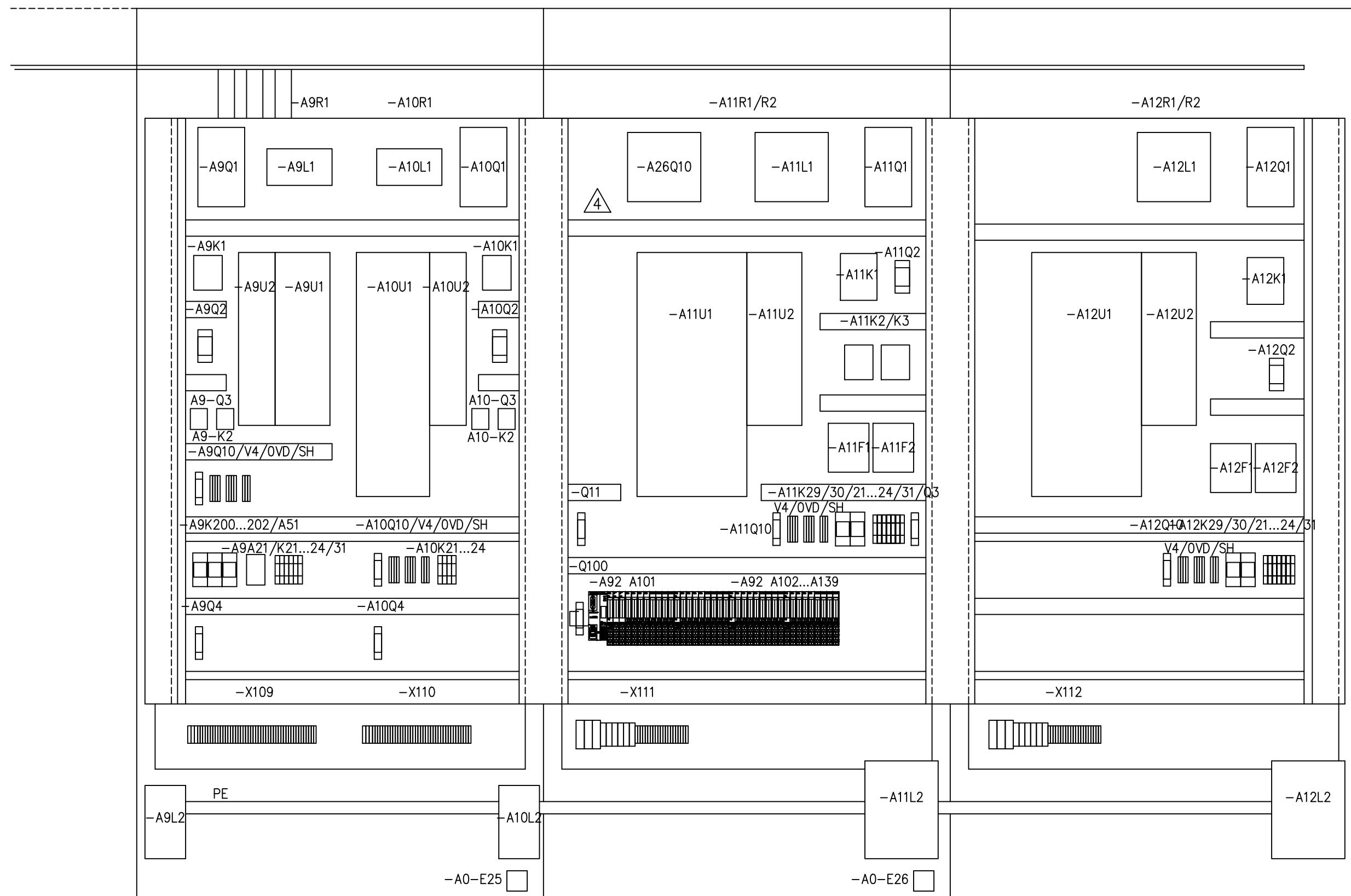
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ESCALA 1:10 POR TAMAÑOS A3
Dimensiones en milímetros

				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LAYOUT APARATOS EN EL CUADRO	Servicios auxiliares acabadora	=30BB.F02		
4	REVAMPING L50	11.05.20	EPROC	Encarg.	VENDRAME				+30620			
3	DESP. START-UP	MAY 98	LOG.	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 38		
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	39 Sigue		
ft. DIN6771/Teil 5	1					3		4	5	6	7	8

VISTA POSTERIOR

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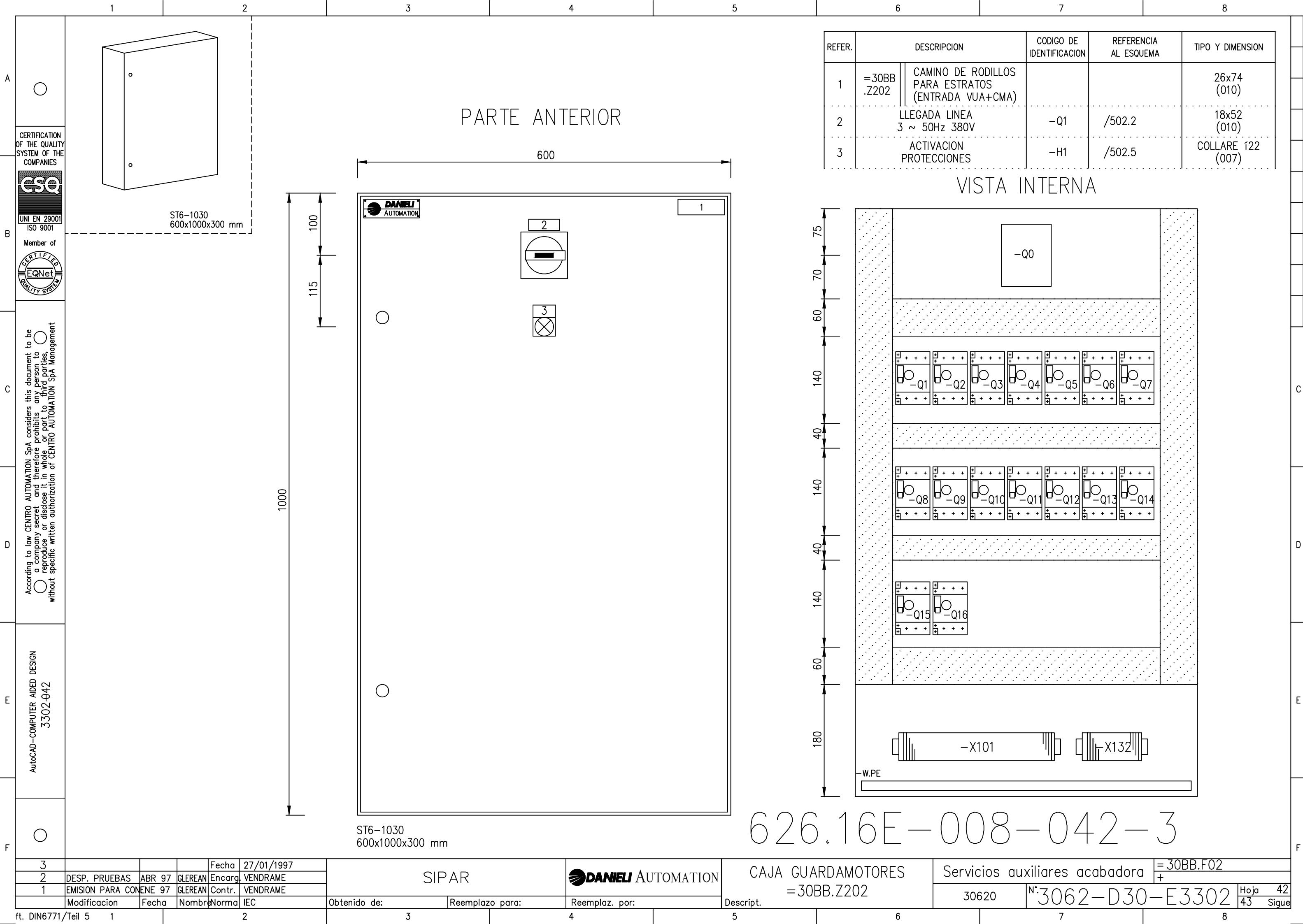


NB:
 K2 → TELERUTTORE FAN FEEDER
 Q3 → INTERUTTORE FAN FEEDER

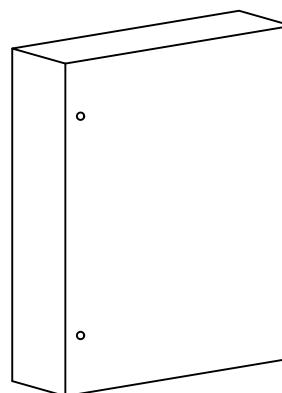
626.16E-008-039-5

ESCALA 1:10 POR TAMAÑOS A3
 Dimensiones en milímetros

5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LAYOUT APARATOS EN EL CUADRO	Servicios auxiliares acabadora	=30BB.F02
4	INSTALACION ROLOS MAG.		Encarg.	VENDRAME					+ 30620	
3	DESP. START-UP MAY 98	LOG.	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 39
	Modificación	Fecha	Nombre	Norma	IEC					41 Sigue
ft. DIN6771/Teil 5	1		2		3		4		5	



	1	2	3	4	5	6	7	8
A								
PARTE ANTERIOR								
				600				
REFER.	DESCRIPCION			CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION		
1	=30BB .Z203	CAMINO DE RODILLOS PARA ESTRATOS (ENTRADA VUA+CMA)				26x74 (010)		
2	LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	/504.2			18x52 (010)		
3	ACTIVACION PROTECCIONES	-H1	/504.5			COLLARE 122 (007)		



PARTE ANTERIOR

600

ST6-1030
600x1000x300 m

DAN
AUTOMA

2

1

VISTA INTERNA

-Q0

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AutoCAD - COMPUTER AIDED DESIGN
3302013

997

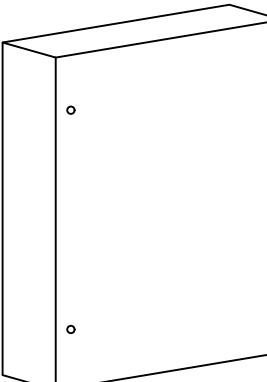
 Plante Moran LLP

626.16E-008-043-3

CAJA GUARDAMOTOS
-30BB 7203

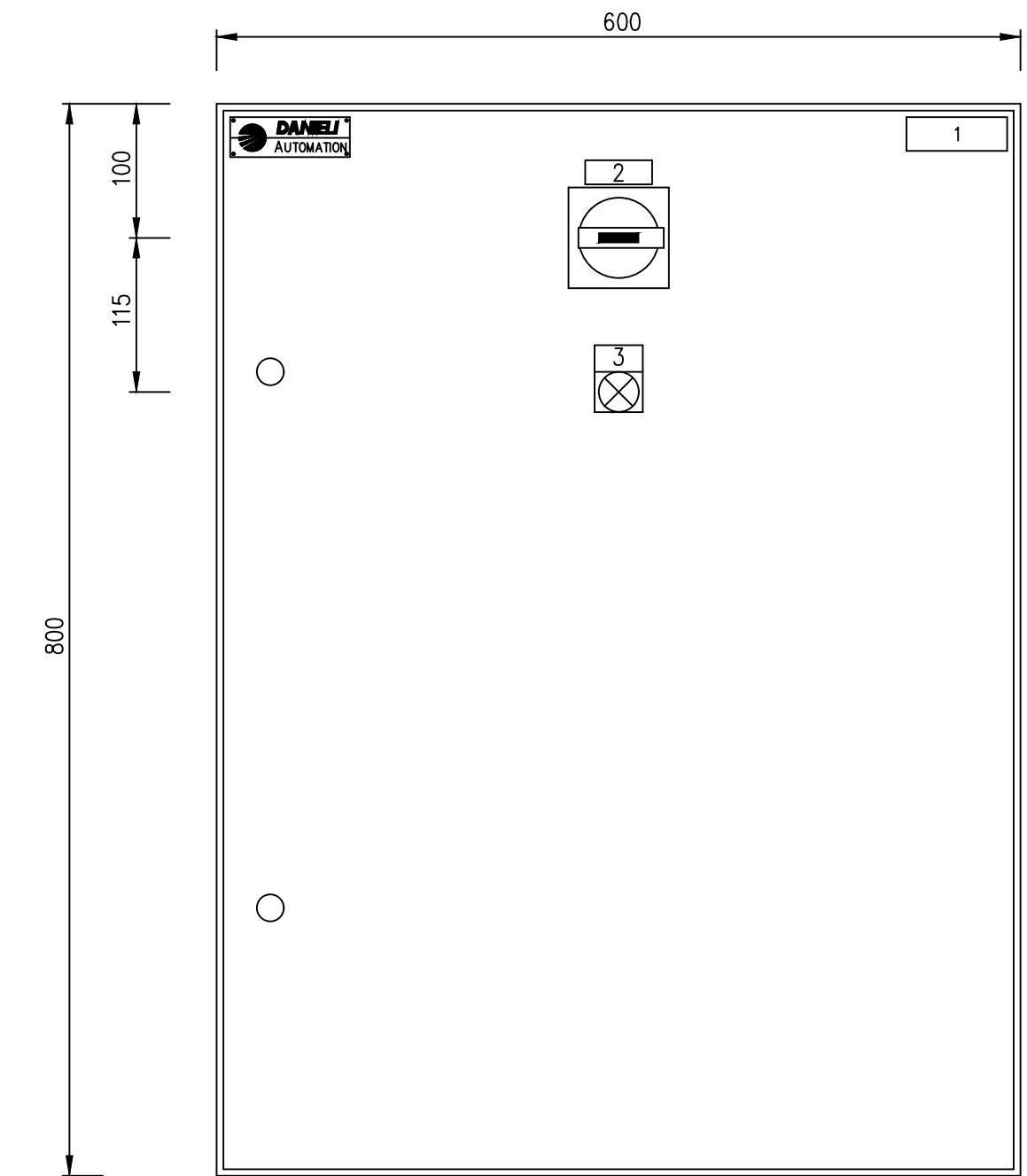
Servicios auxiliares acabadora = 30BB.F02
+
Nº 7060 D.70 E.7700

Hojq 43



ST6-830
600x800x300 mm

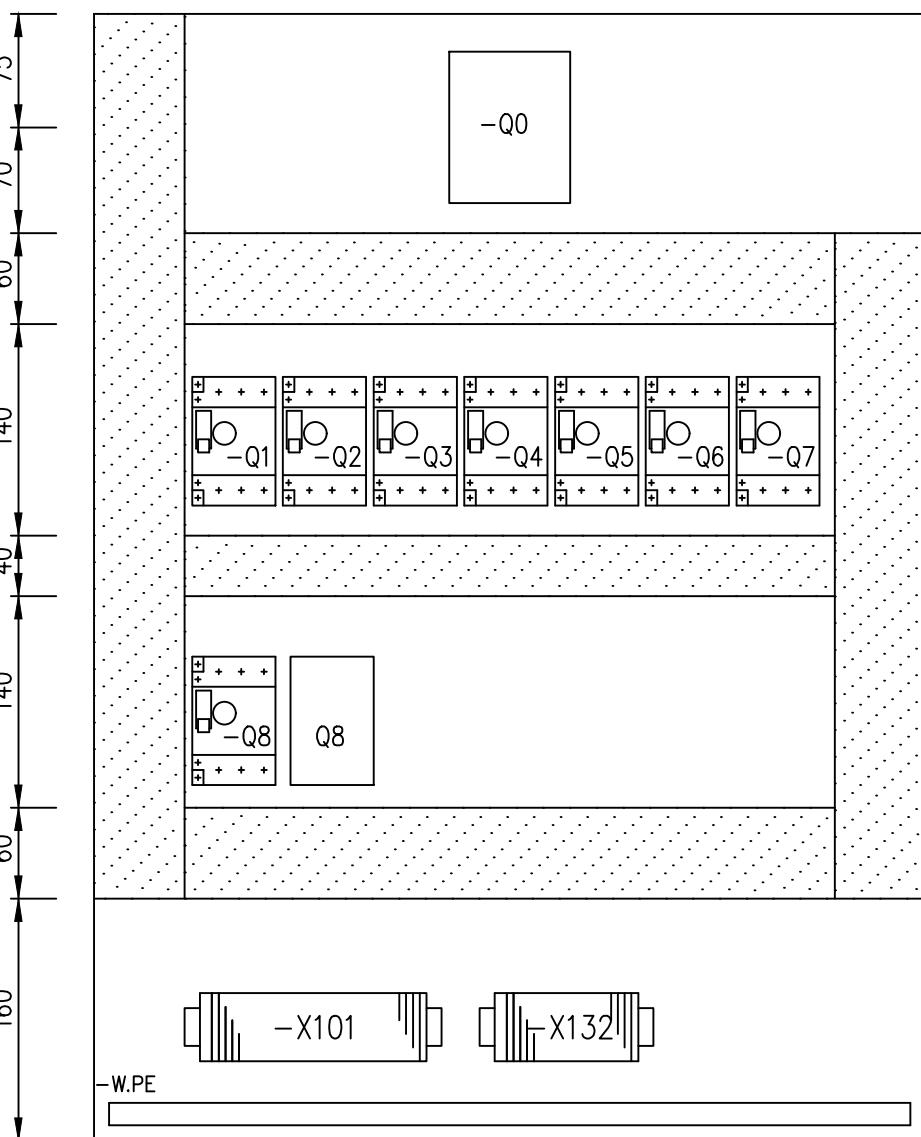
PARTE ANTERIOR



ST6-830
600x800x300 mm

REFER.	DESCRIPCION		CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
1	=30BB	.Z204	CAMINO DE RODILLOS PARA ESTRATOS (A SALIDA CMA SECT. 1)		26x74 (010)
2			LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	/506.2 18x52 (010)
3			ACTIVACION PROTECCIONES	-H1	/506.5 COLLARE 122 (007)

VISTA INTERNA



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AutoCAD-COMPUTER AIDED DESIGN
3302-D14

O

SIPAR

DANIELI AUTOMATION

CAJA GUARDAMOTORES
=30BB.Z204

Servicios auxiliares acabadora
+ =30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 44

45 Sigue

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

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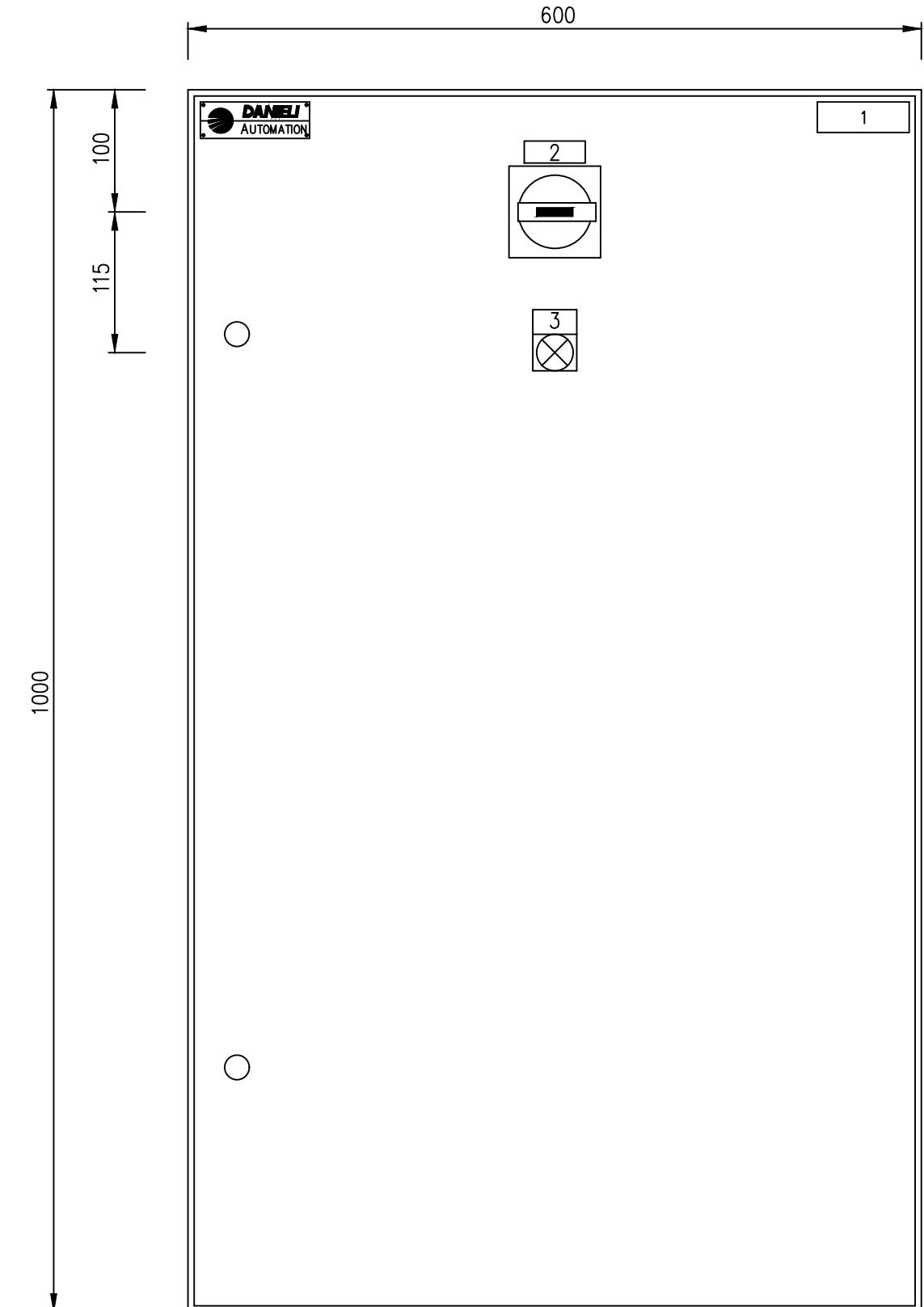
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Descript.

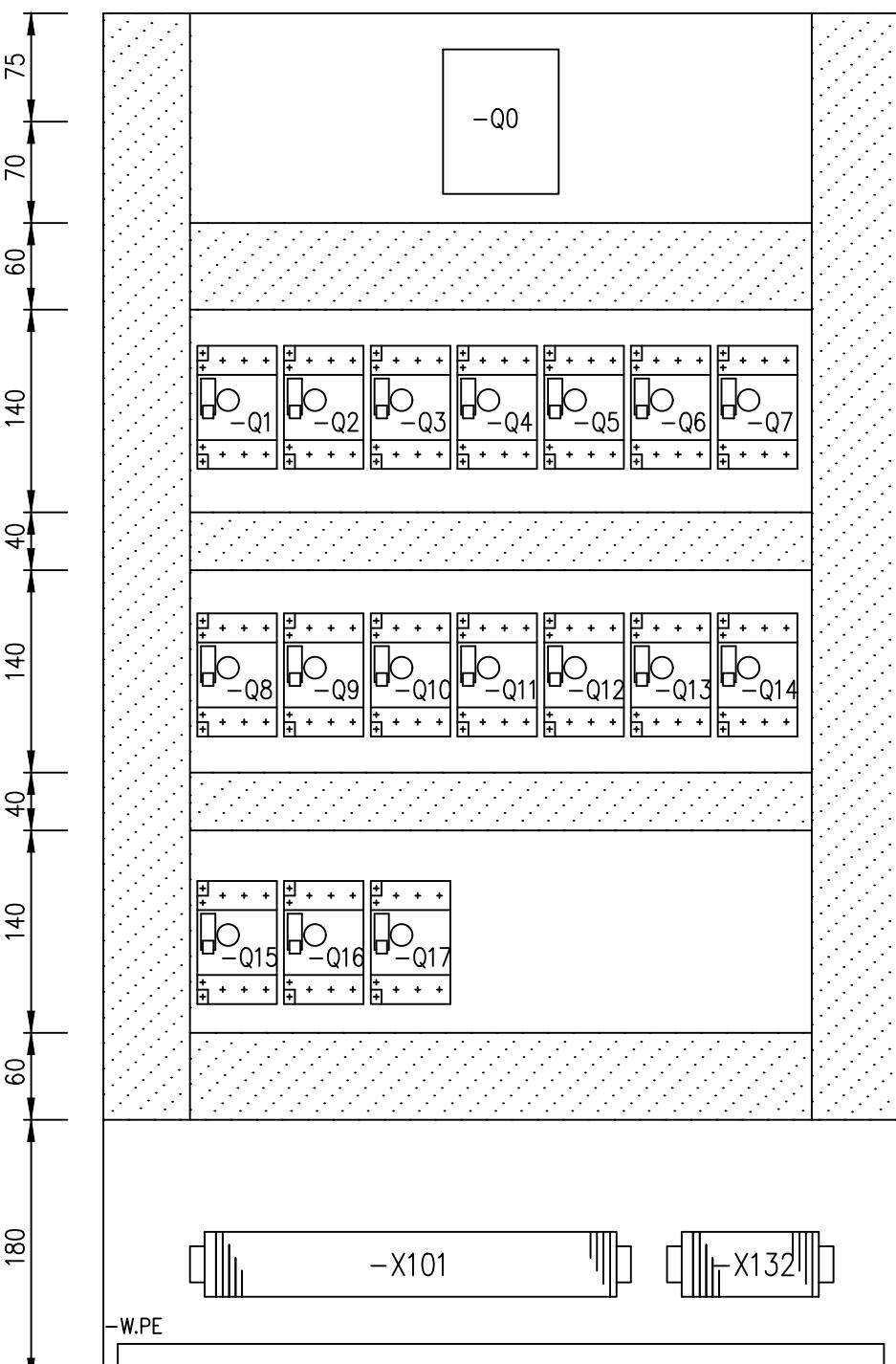
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B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of CERTIFIED QUALITY SYSTEM			PARTE ANTERIOR	600			
C	According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management							
D	AutoCAD-COMPUTER AIDED DESIGN 3302-D45							
E								
F								

REFER.	DESCRIPCION		CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
1	=30BB.Z205	CAMINO DE RODILLOS PARA ESTRATOS (A SALIDA CMA SECT. 2)			26x74 (010)
2		LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	/510.2	18x52 (010)
3		ACTIVACION PROTECCIONES	-H1	/510.5	COLLARE 122 (007)

PARTE ANTERIOR

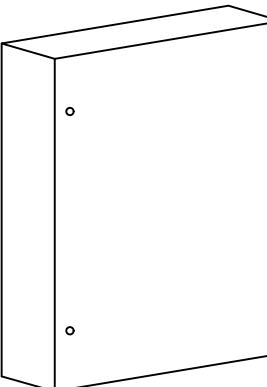


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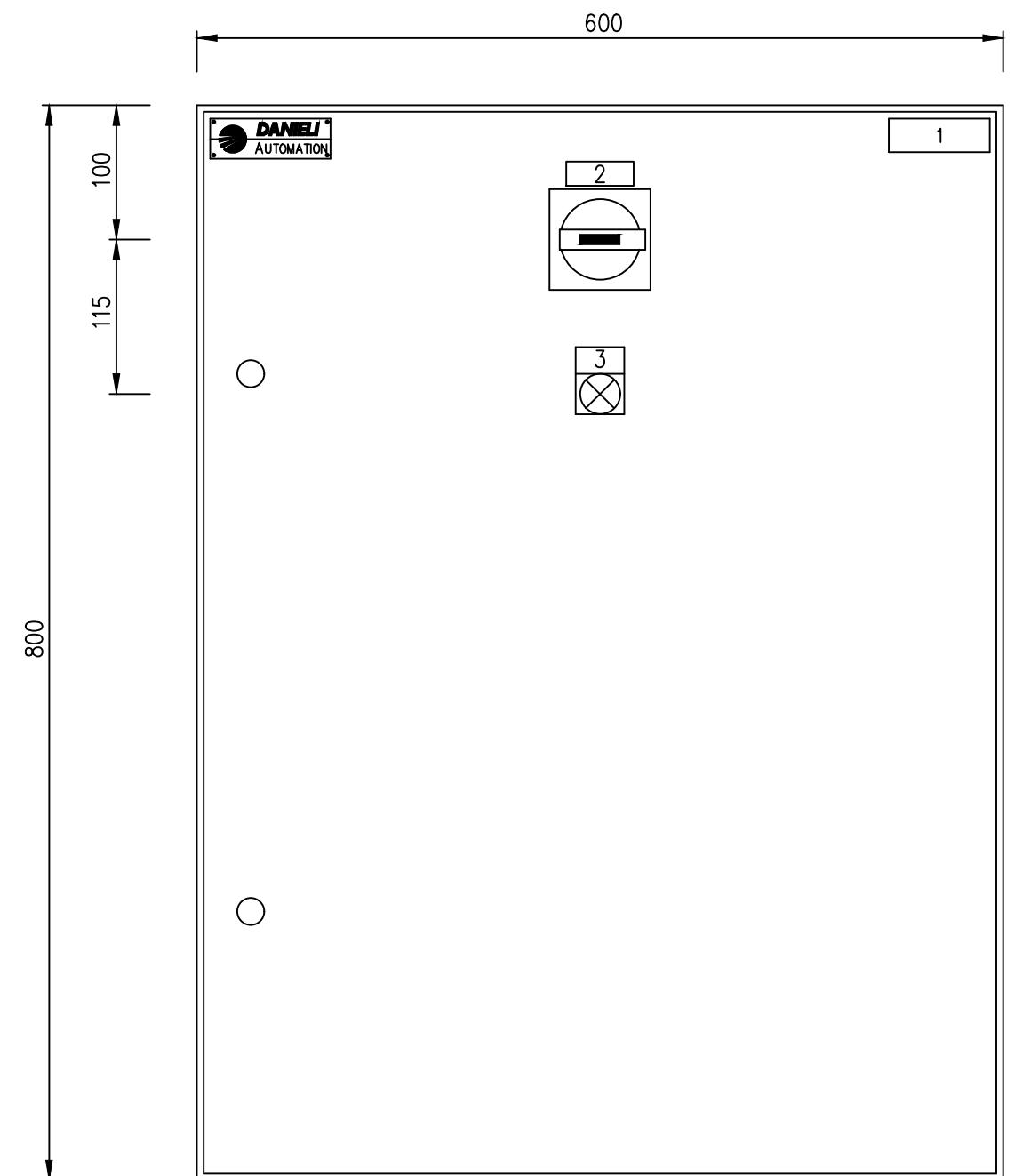
626.16E-008-045-3

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2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					30620	N° 3062-D30-E3302	
Modificacion	Fecha	Nombre	Norma	IEC						Hoja 45 46 Sigue	
ft. DIN6771/Teil 5	1		2			3	4	5	6	7	8



ST6-830
600x800x300 mm

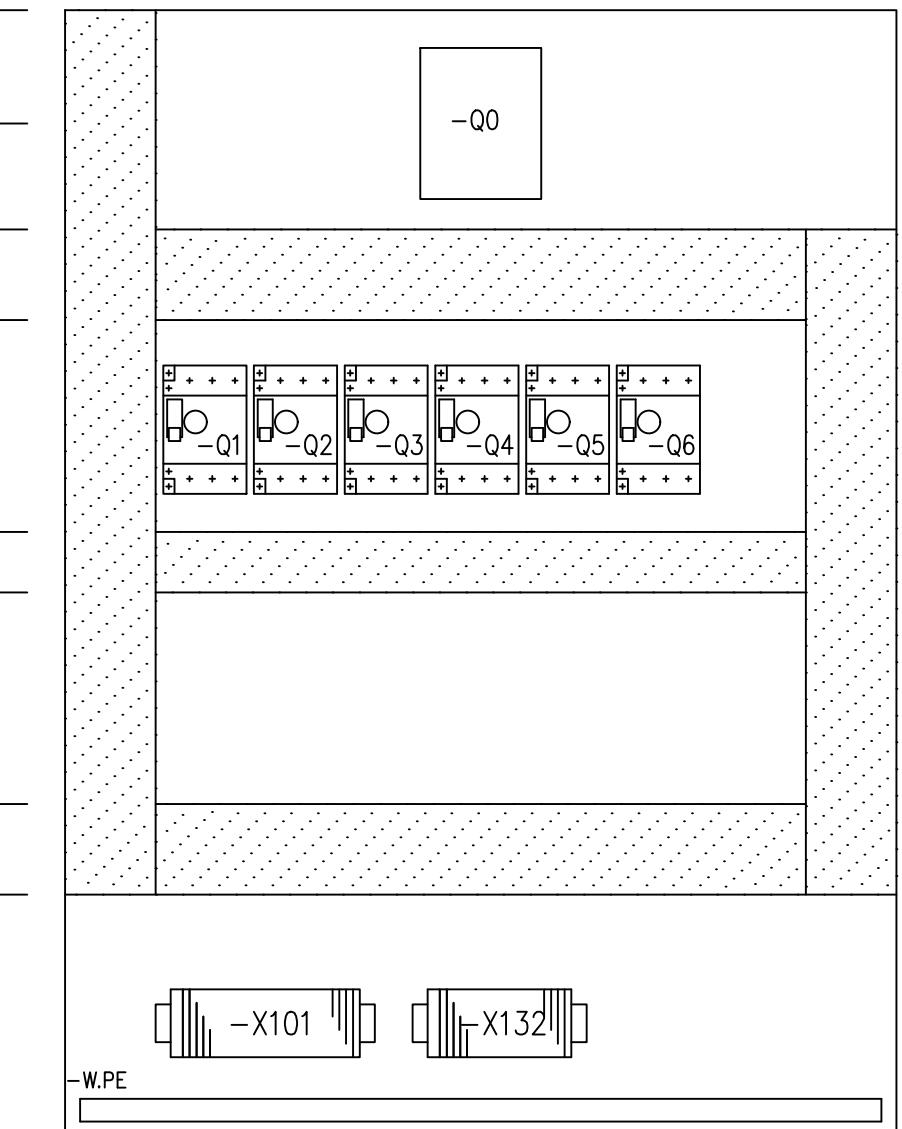
PARTE ANTERIOR



ST6-830
600x800x300 mm

REFER.	DESCRIPCION		CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
1	=30BB	.Z207	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 1		26x74 (010)
2			LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	/514.2 18x52 (010)
3			ACTIVACION PROTECCIONES	-H1	/514.5 COLLARE 122 (007)

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3302-047

3			Fecha	27/01/1997
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.
1	EMISION PARA CONENE 97		GLEREAN	Contr.

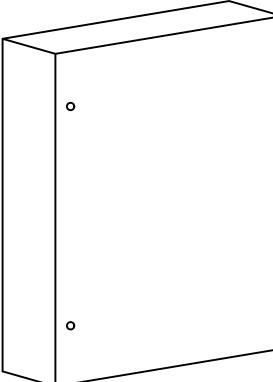
Modificacion	Fecha	Nombre	Norma	IEC
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SIPAR	DANIELI AUTOMATION	CAJA GUARDAMOTORES	Servicios auxiliares acabadora
		=30BB.Z207	=30BB.F02

Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.
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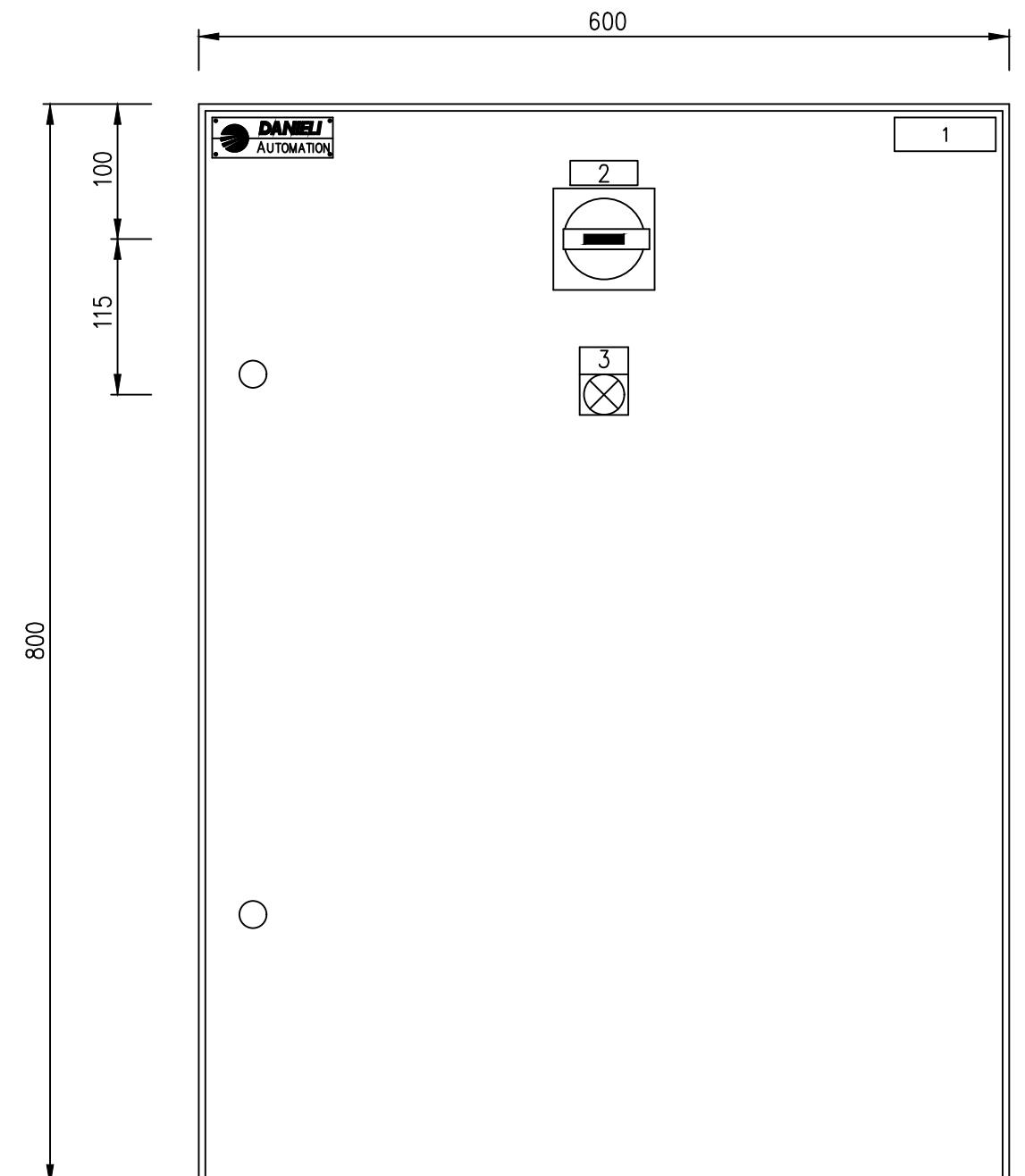
30620	Nº: 3062-D30-E3302	Hoja 47
		48 Sigue

REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
1	=30BB .Z208 CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 2			26x74 (010)
2	LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	/516.2	18x52 (010)
3	ACTIVACION PROTECCIONES	-H1	/516.5	COLLARE 122 (007)



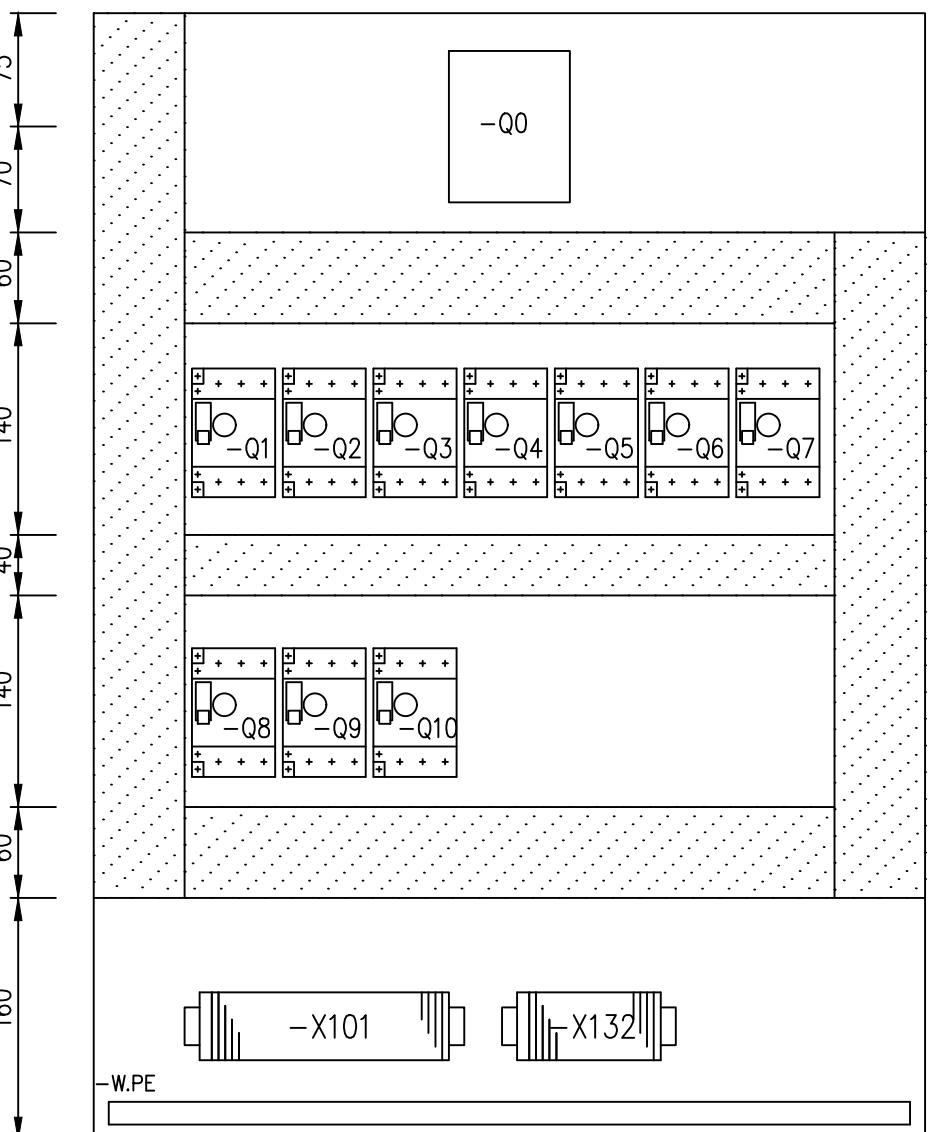
ST6-830
600x800x300 m

PARTE ANTERIOR



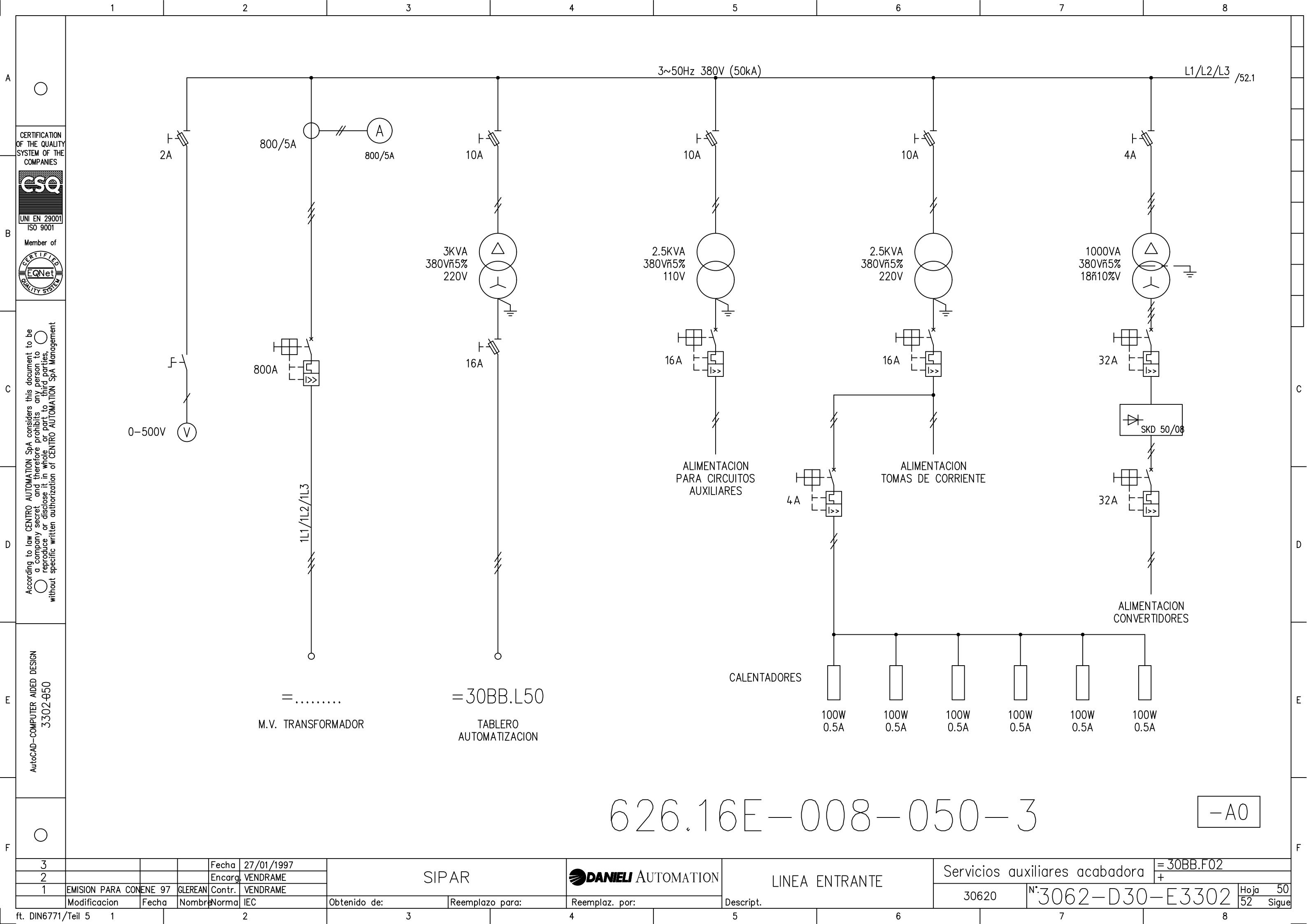
ST6-830
600x800x300 mm

VISTA INTERNA



626.16E-008-048-3

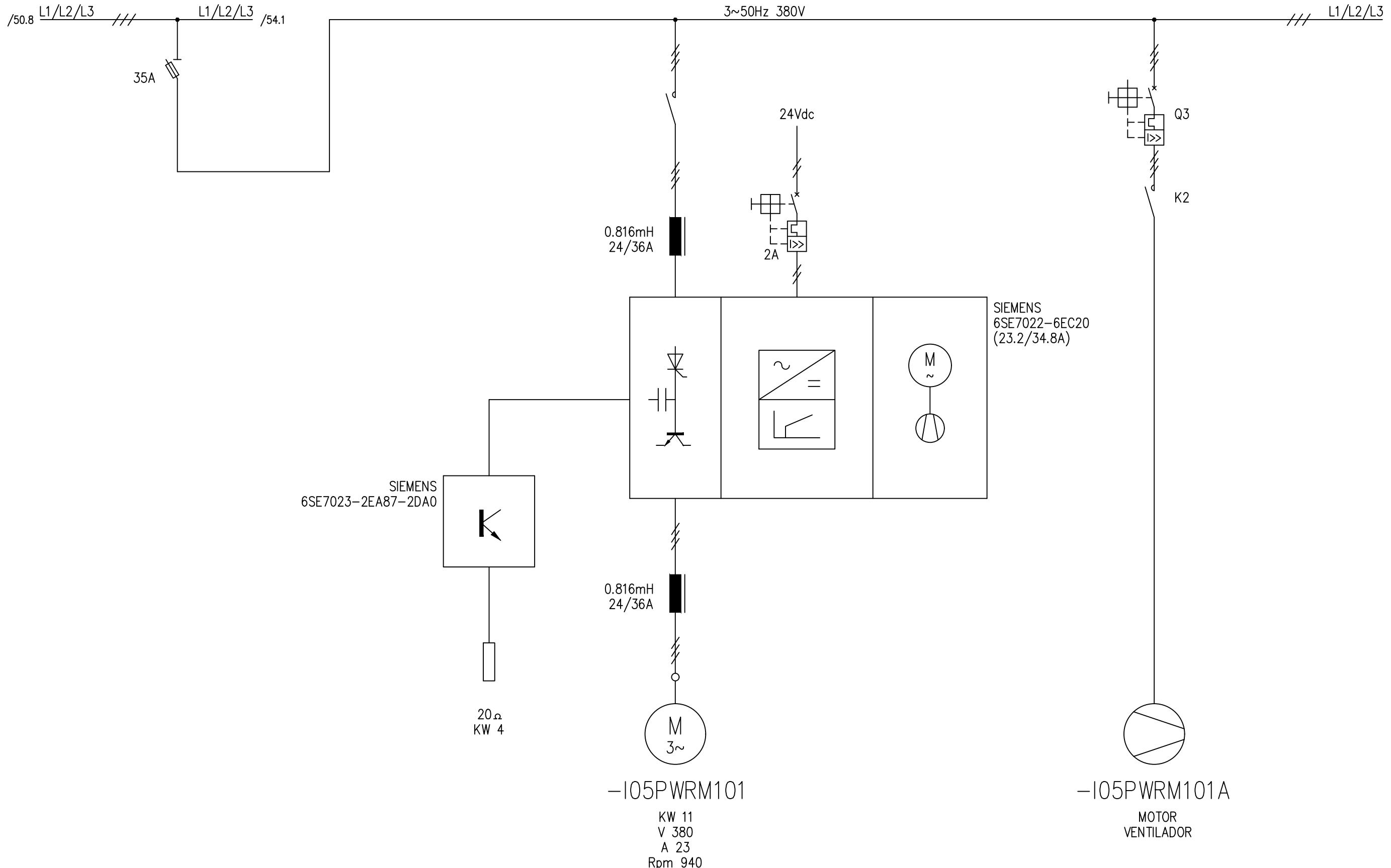
3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA GUARDAMOTORES =30BB.Z208	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº: 3062-D30-E3302	Hoja 48 50 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	
						Obtenido de:	Reemplazo para:	Reemplaz. por:		



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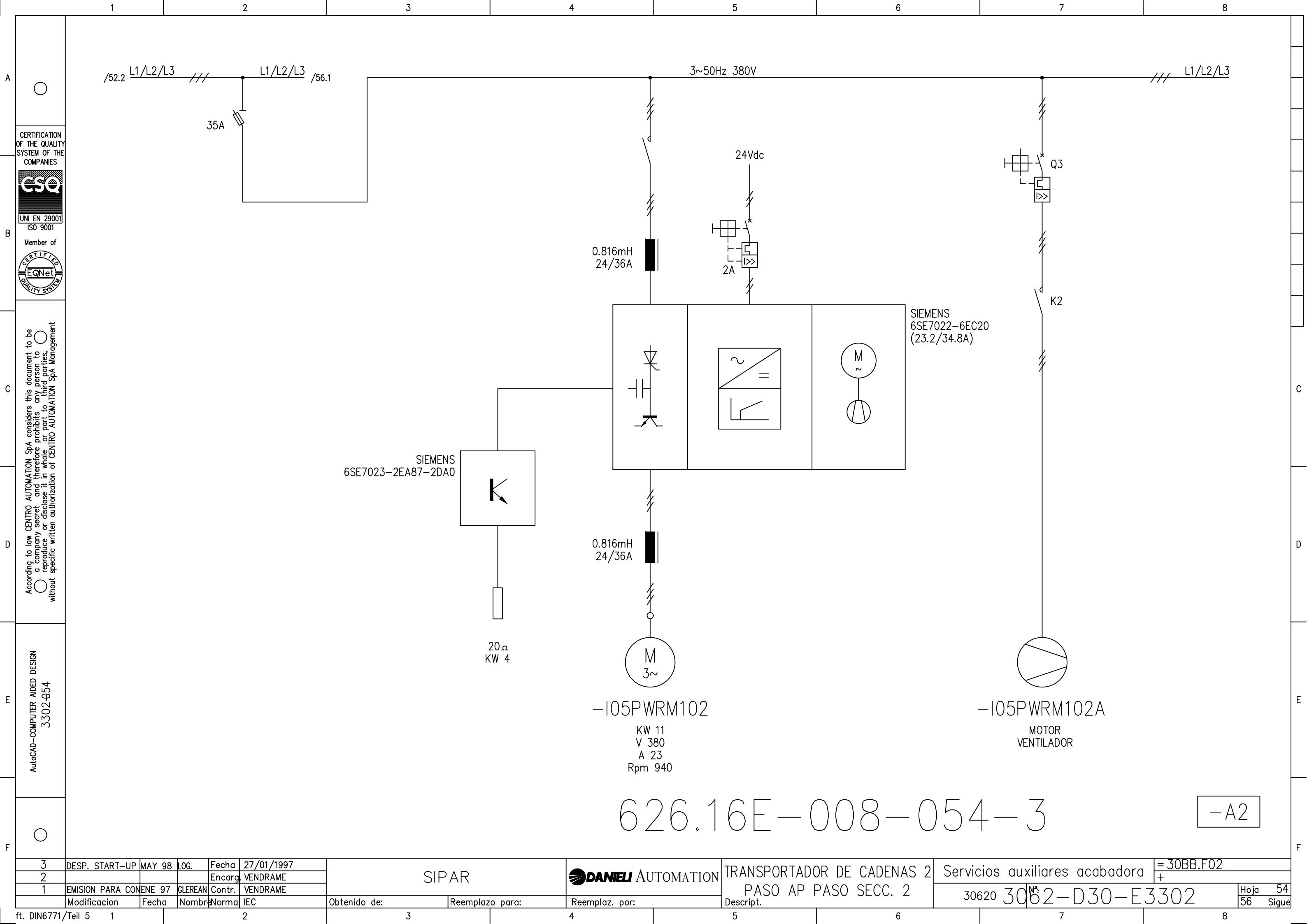
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626.16E-008-052-3

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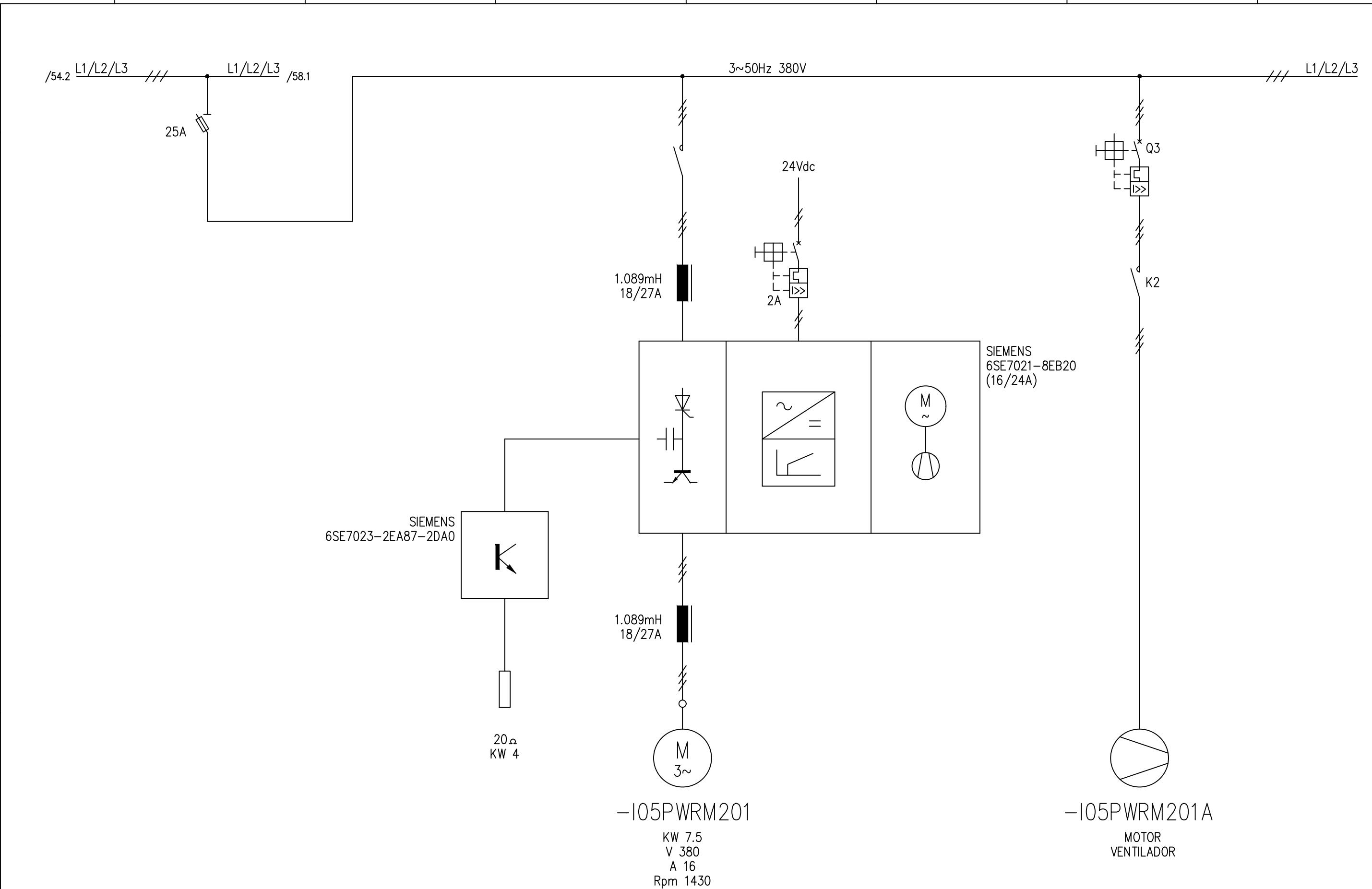
3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 1	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				PASO A PASO SECC. 1		
Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº: 3062-D30-E3302 Hoja 52
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	54	Sigue



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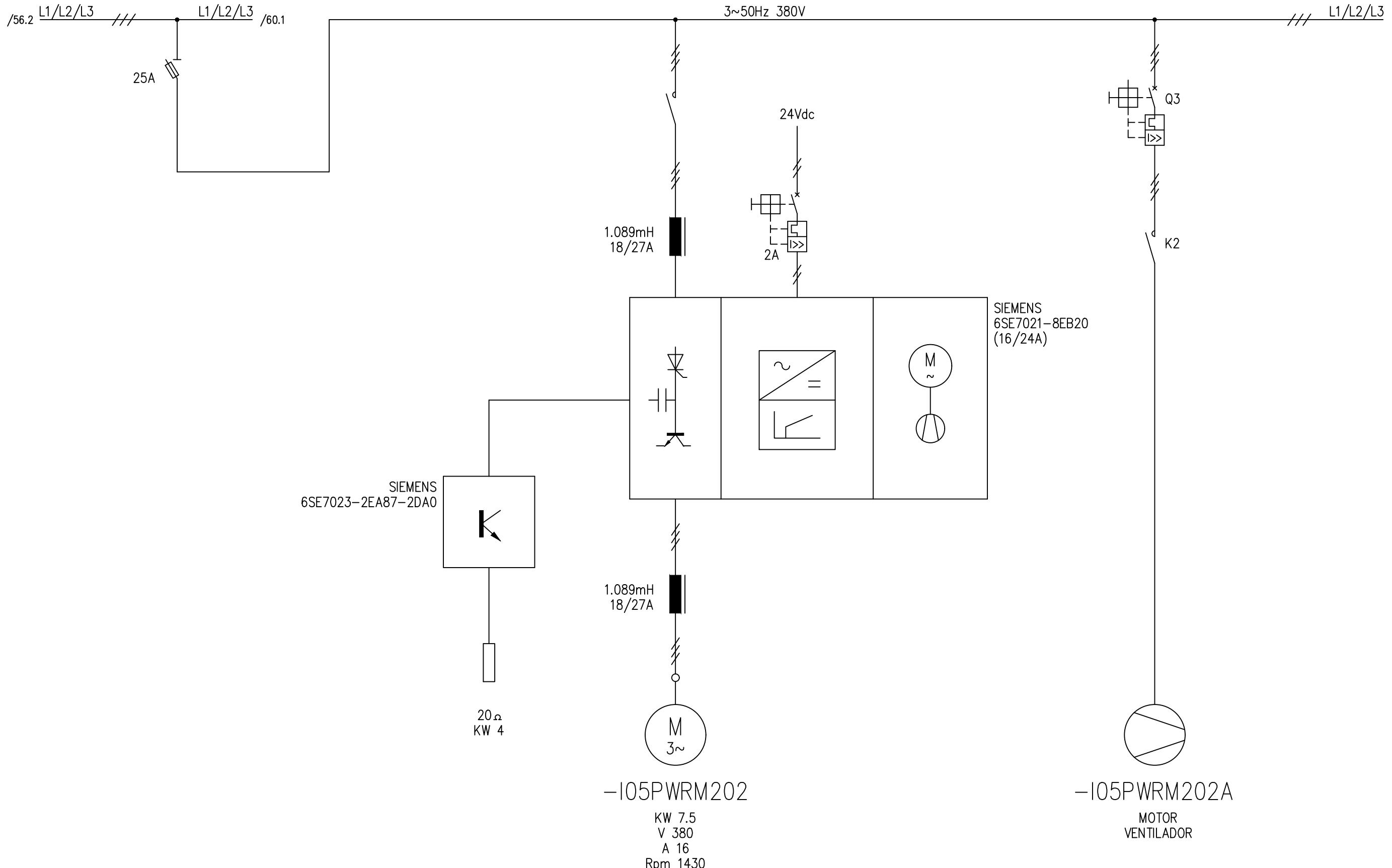
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3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 1	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					3062-D30-E3302	Hoja 56
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	58 Sigue
ft. DIN6771/Teil 5	1		2		3	4	5	6	7	8

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626.16E-008-058-3

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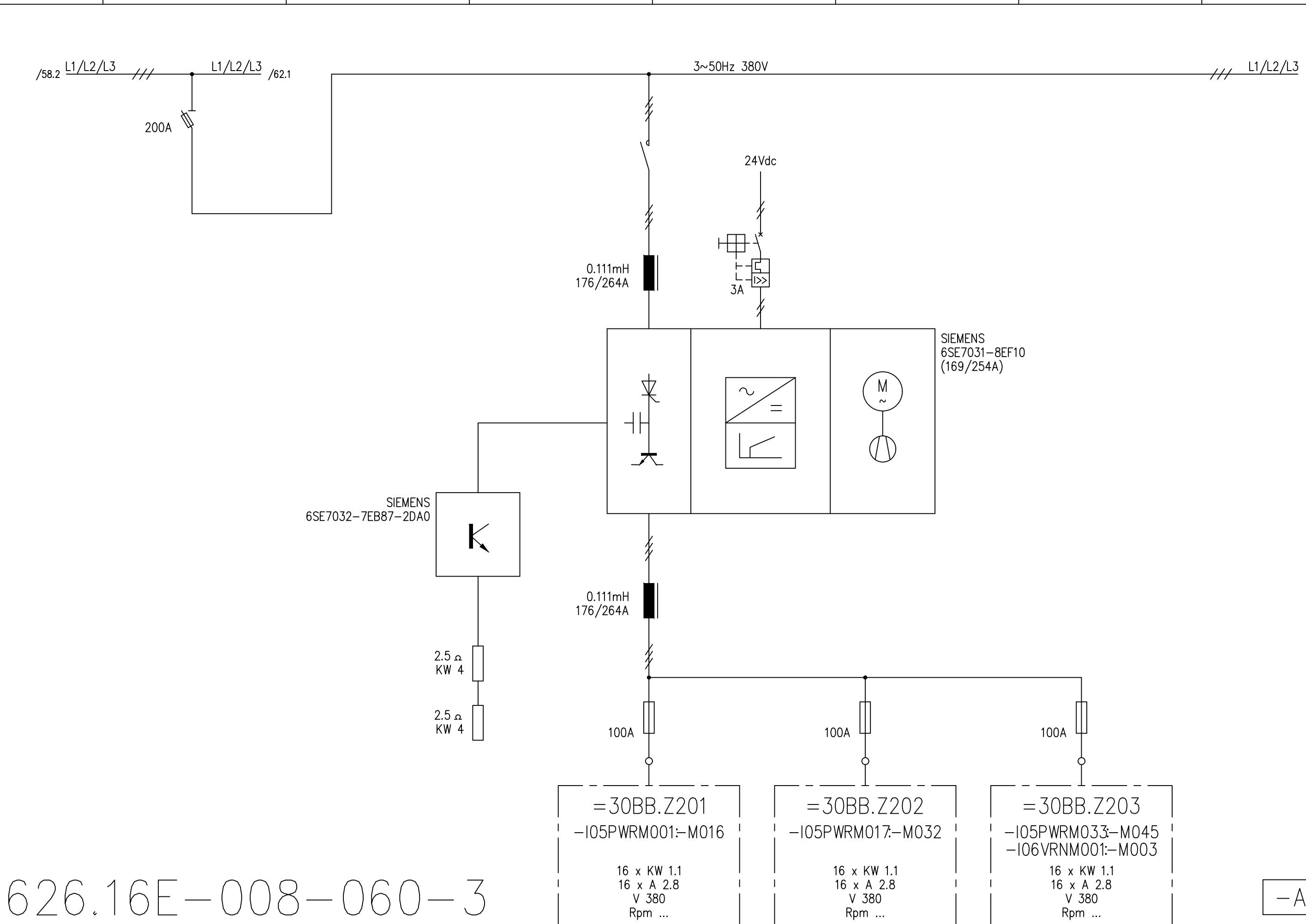
3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	Servicios auxiliares acabadora	= 30BB.F02
2			Encarg.		VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.		VENDRAME				Nº 3062-D30-E3302	Hoja 58
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Sigue 60
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8		

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3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
2			Encarg.	VENDRAME	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
	Modificación	Fecha	Nombre	Norma	IEC

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTRATOS
(ENTRADA VUA+CMA)

Descript.

Servicios auxiliares acabadora

=30BB.F02
+
30620 N° 3062-D30-E3302

Hoja 60
62 Sigue

1 2 3 4 5 6 7 8

/60.2 L1/L2/L3 /64.1 L1/L2/L3 3~50Hz 380V L1/L2/L3

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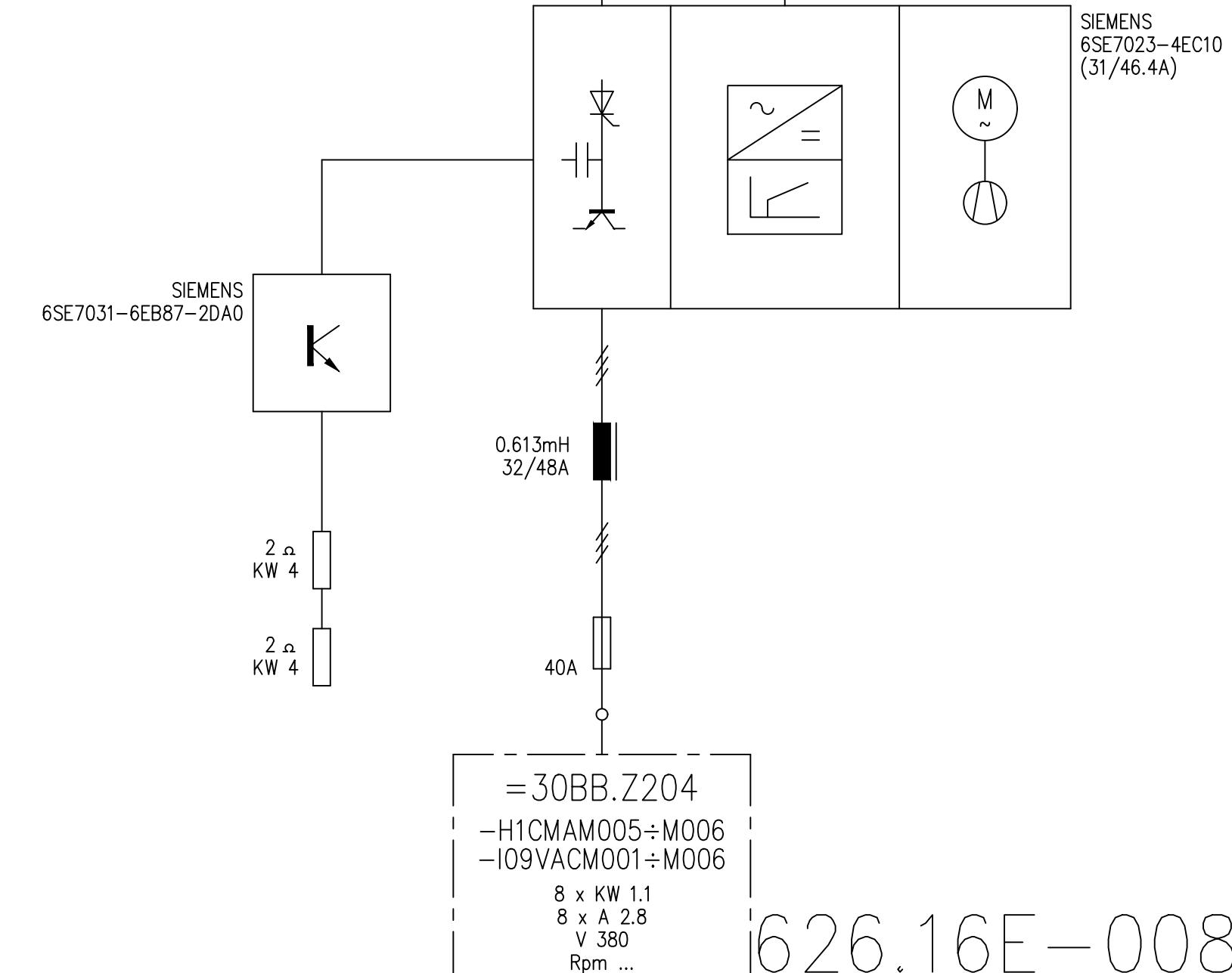
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3.302-062



626.16E-008-062-3

-A6

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
2			Encarg.	VENDRAME	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
	Modificacion	Fecha	Nombre	Norma	IEC

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTRATOS
(A LA SALIDA CMA SECT. 1)
Descript.

Servicios auxiliares acabadora =30BB.F02
+
30620 3062-D30-E3302 Hoja 62
64 Sigue

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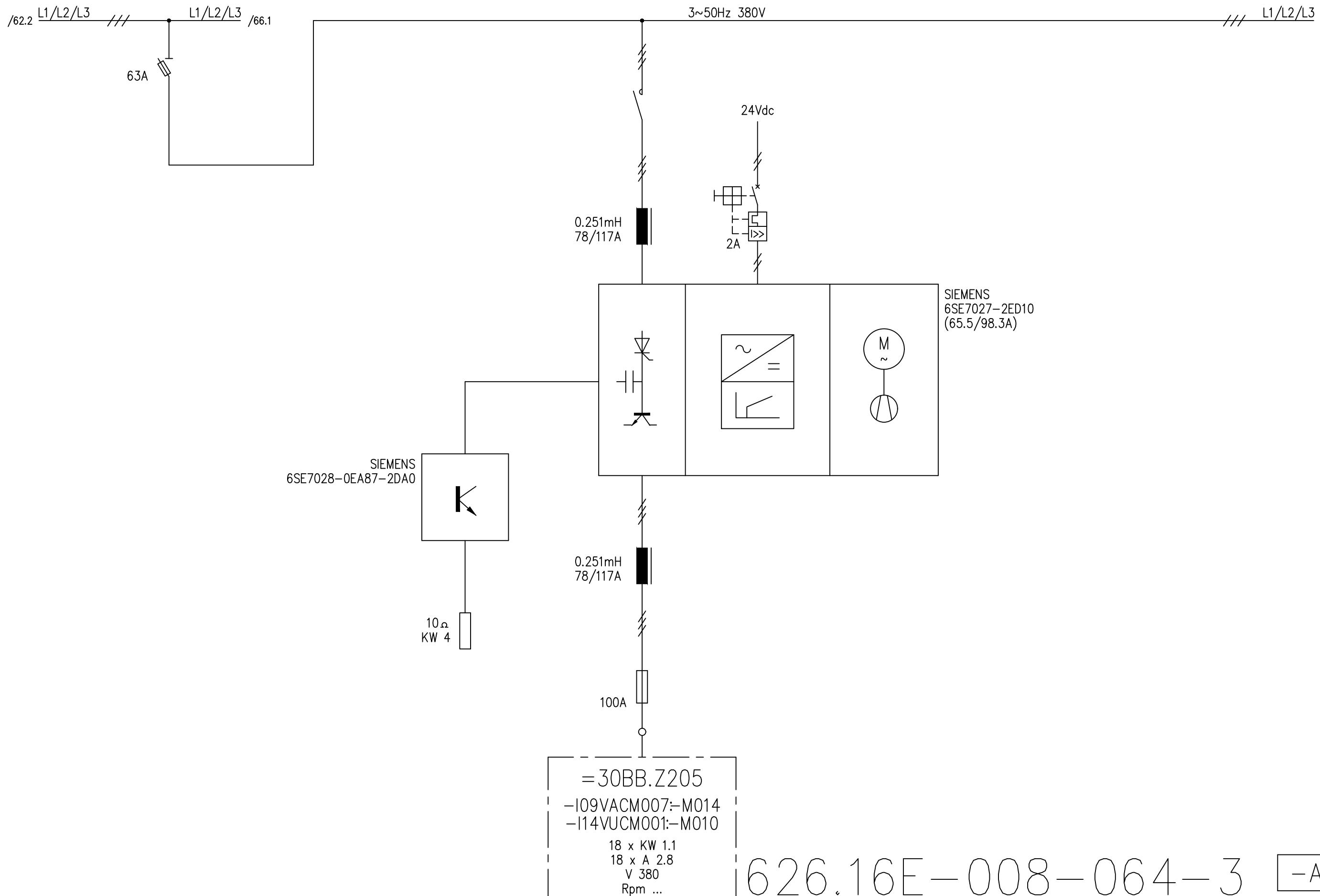
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 3302-D64

D ○

E ○

F ○



626.16E-008-064-3 -A7

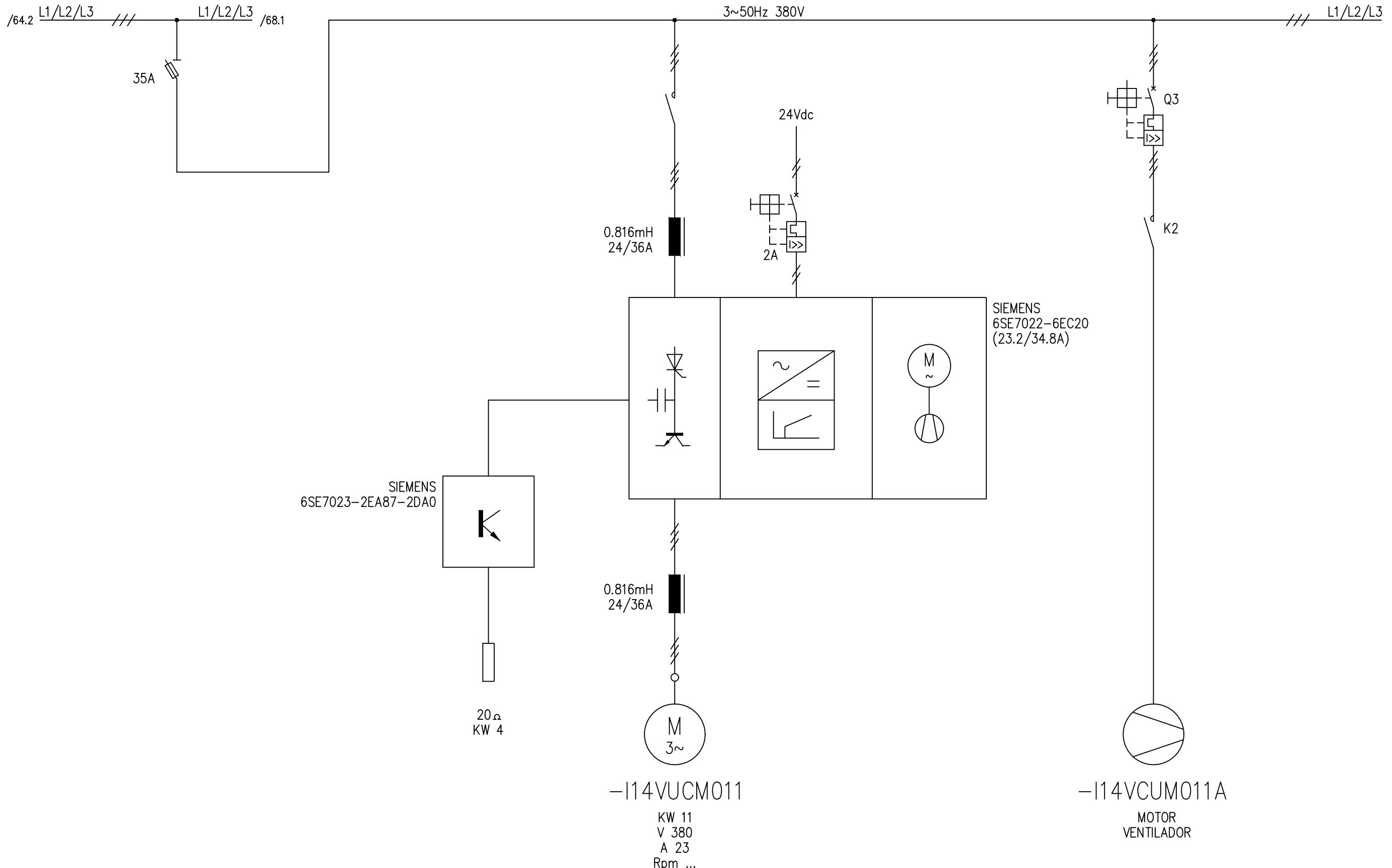
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2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº: 3062-D30-E3302	Hoja 64 66 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		
ft. DIN6771/Teil 5	1				3	4	5	6	7	8

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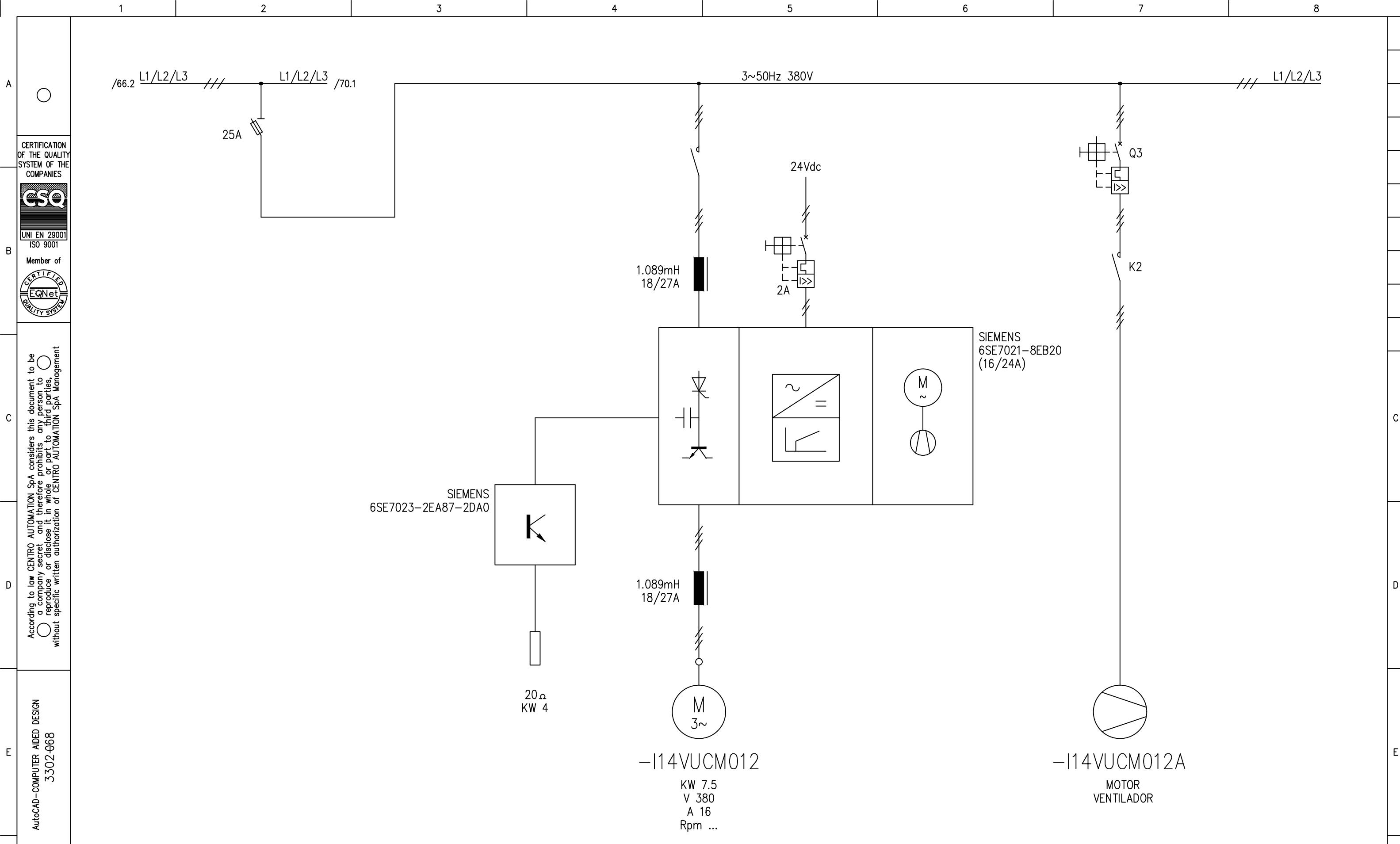
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 AutoCAD-COMPUTER AIDED DESIGN 3.302.066

F ○



626.16E-008-066-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 66
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	68 Sigue

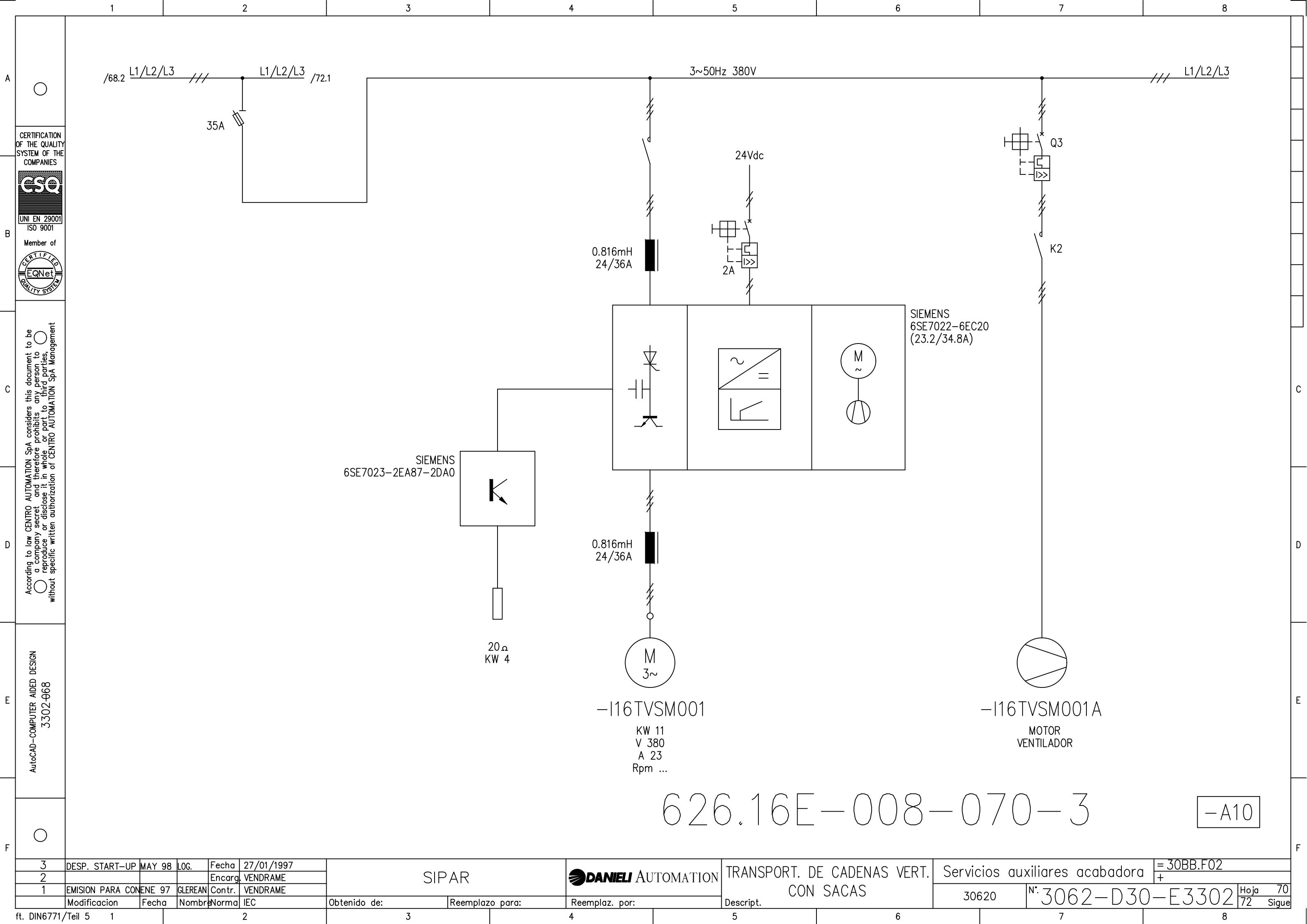


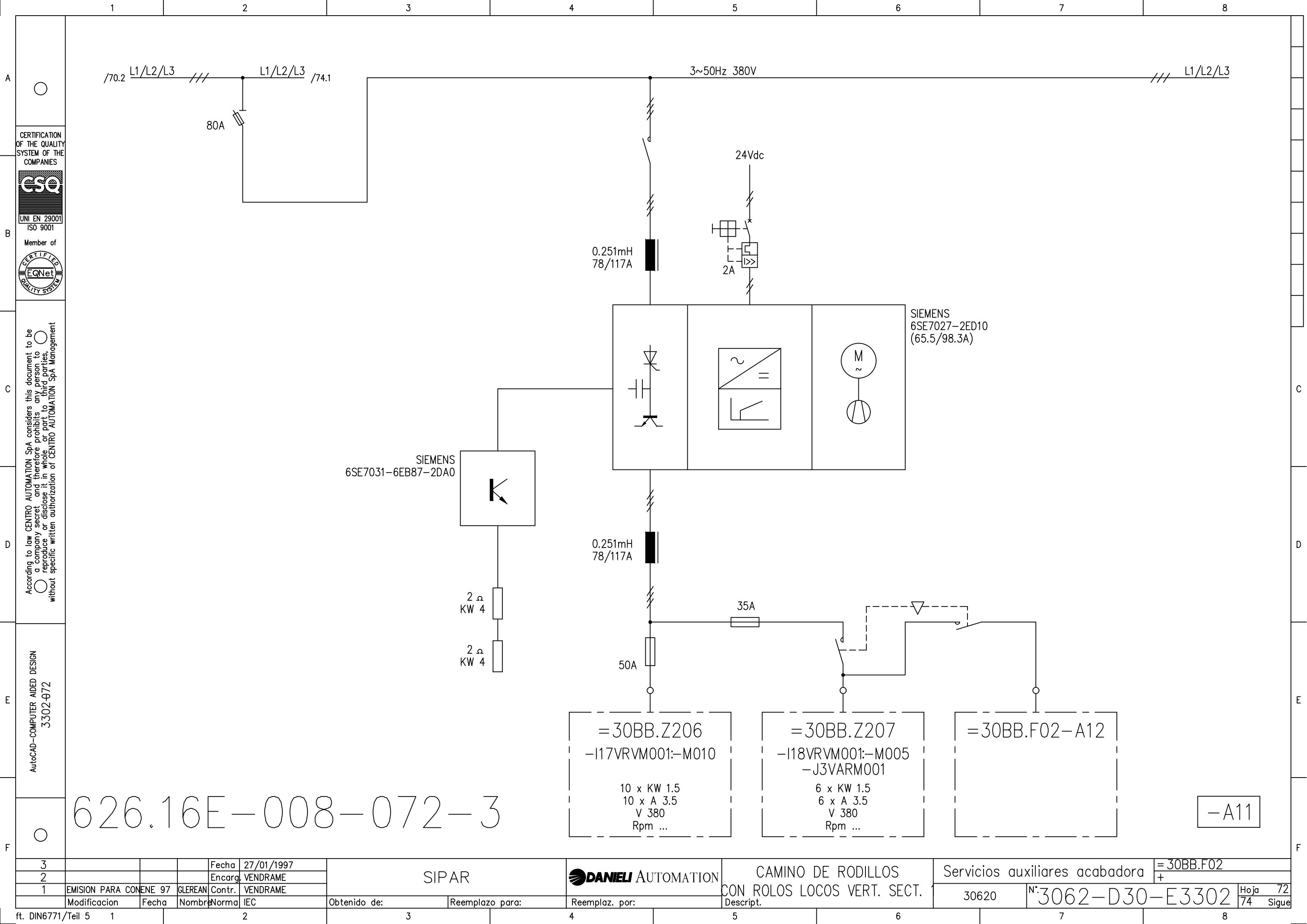
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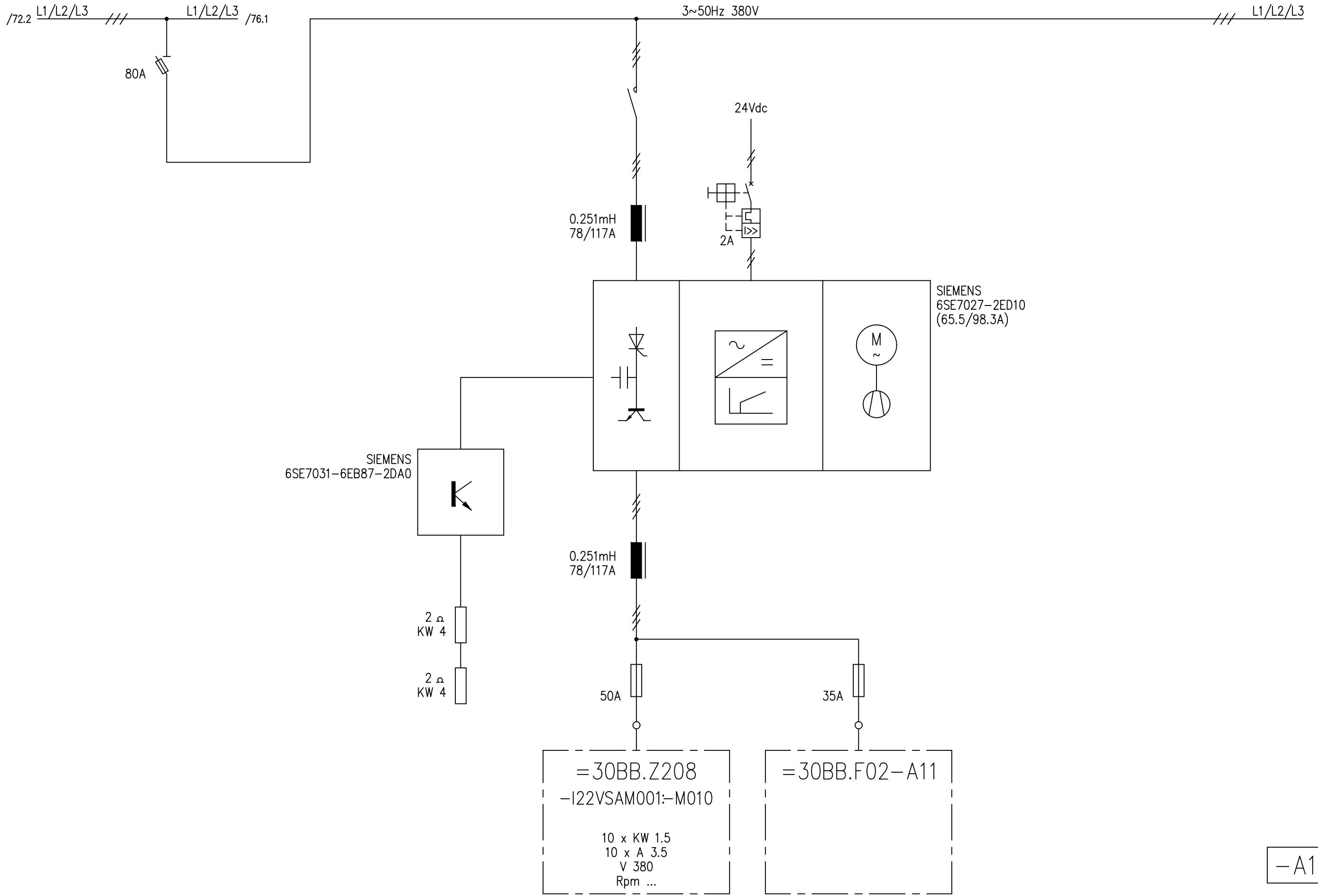
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2			Encarg.	VENDRAME	+ 70 Sigue					
1	EMISIÓN PARA CON	ENE 97	GLELEAN	Contr.	VENDRAME					Hoja 68 30620 N° 3062-D30-E3302
	Modificación	Fecha	Nombre	Norma	IEC					70 Sigue
						Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

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626.16E-008-074-3



1 2 3 4 5 6 7 8

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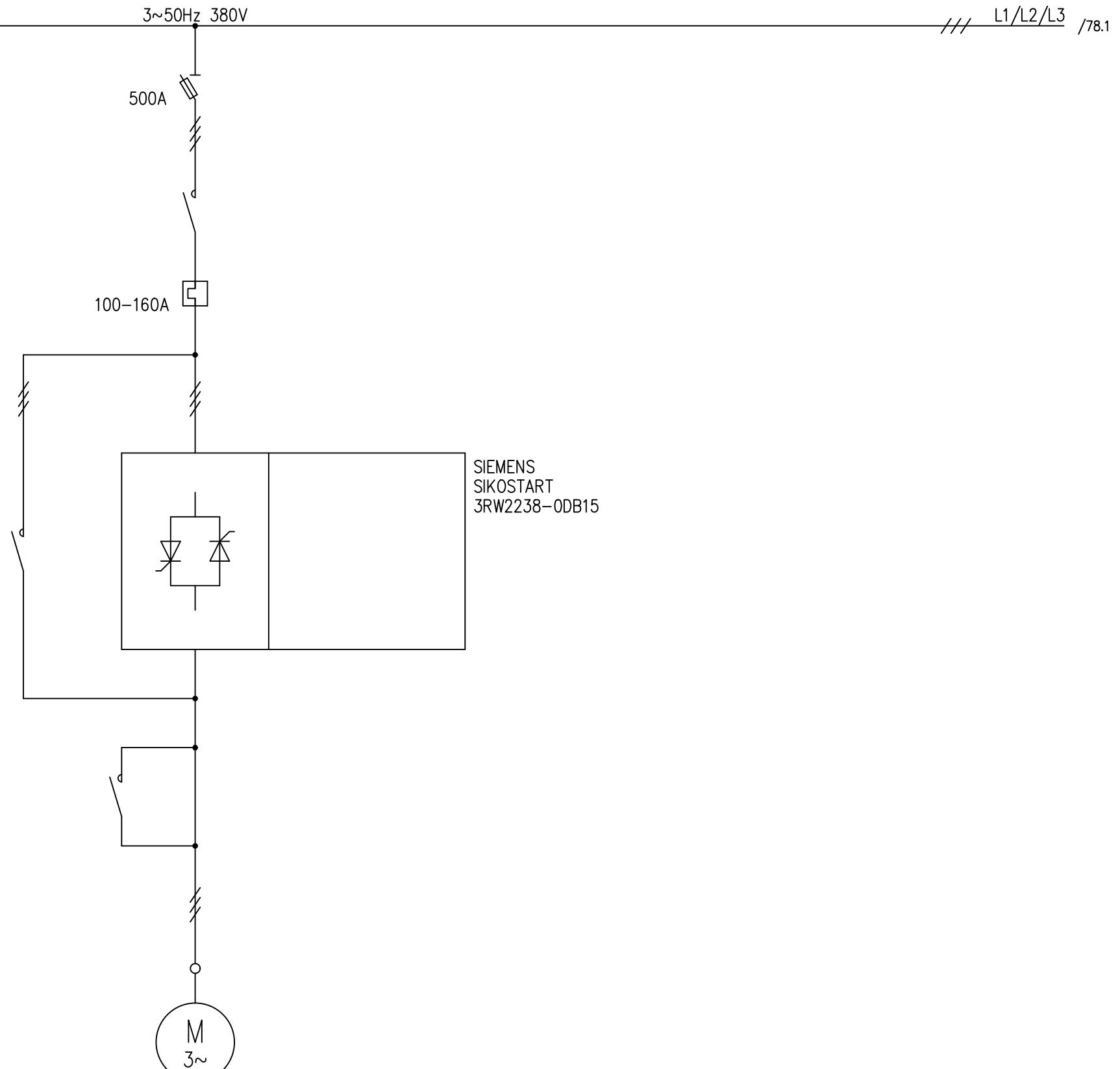
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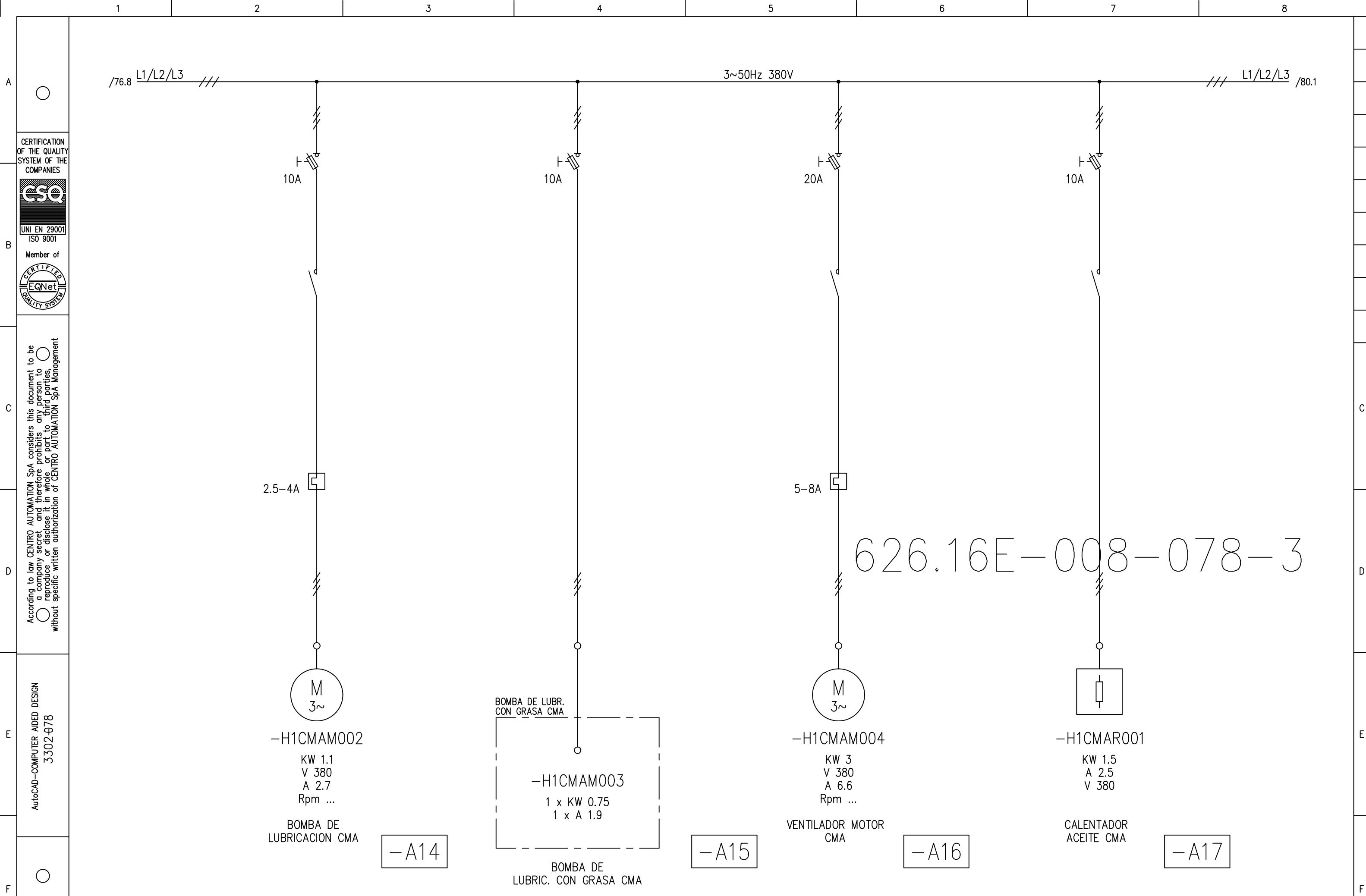
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KW 55
V 380
A 106
Rpm 985

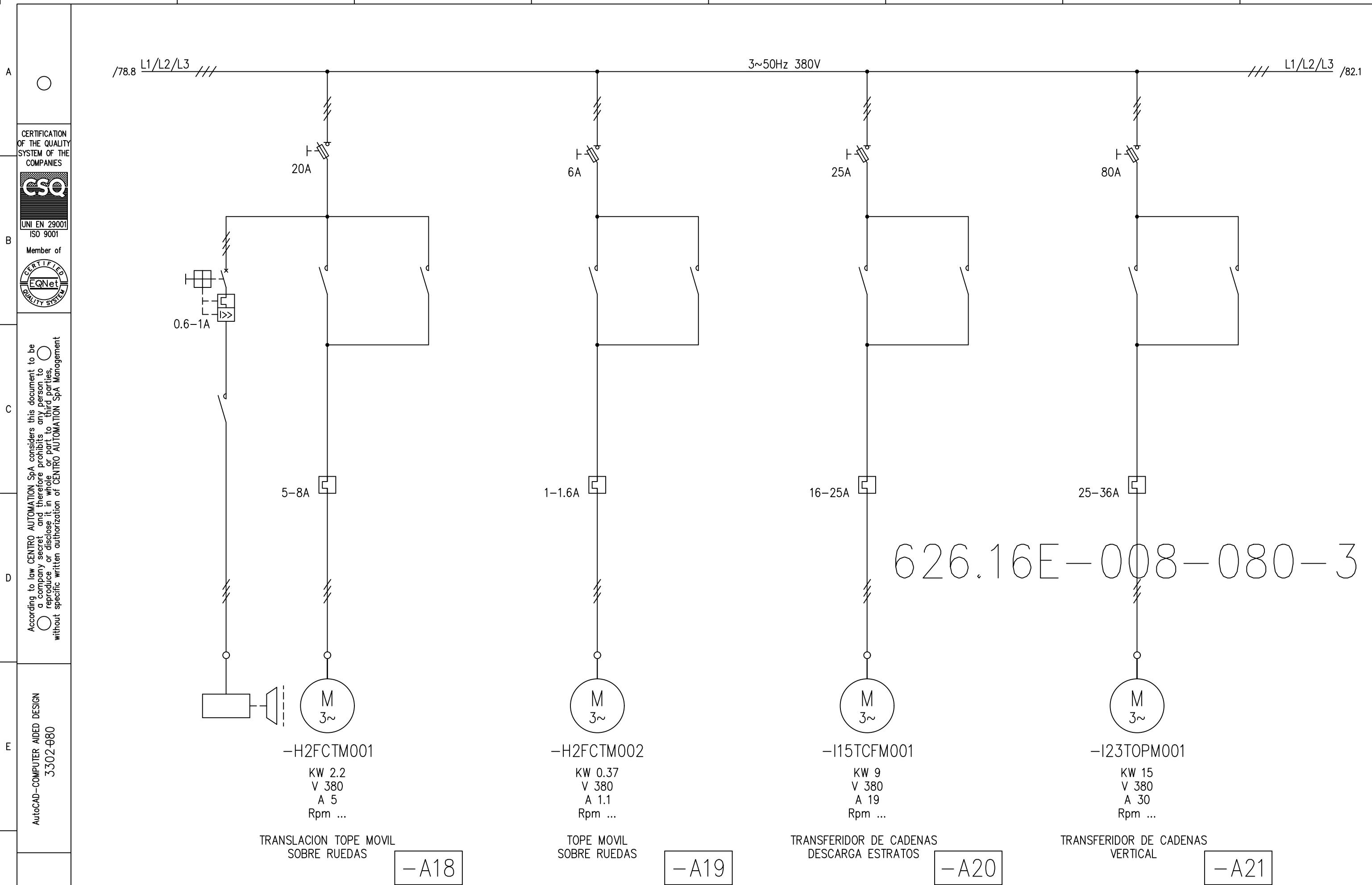
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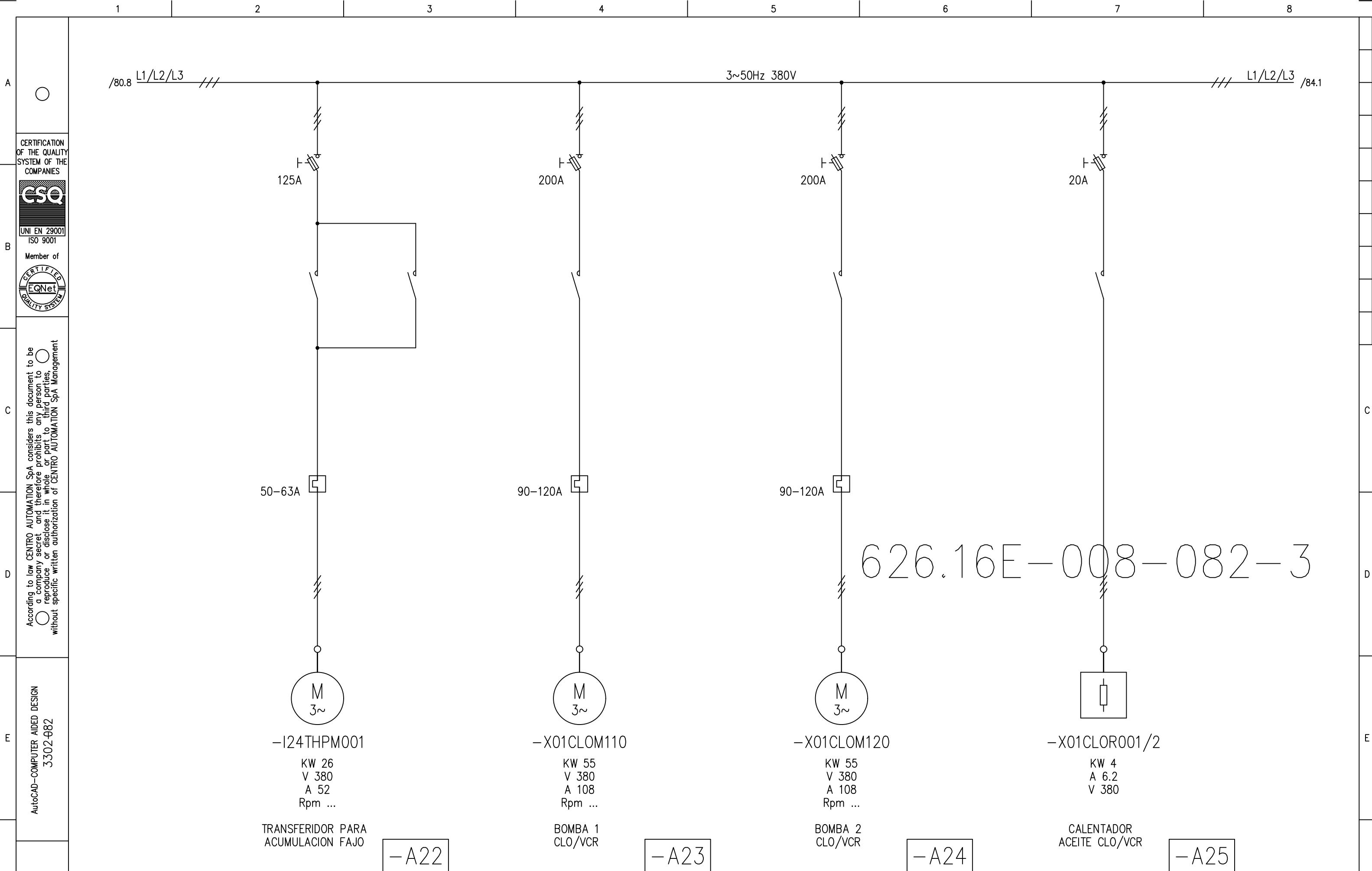
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2				Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Hoja 76 78 Sigue



3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	ESQUEMA UNIFILAR Descript.	Servicios auxiliares acabadora	= 30BB.F02
2			Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma IEC					Hoja 78 80 Sigue

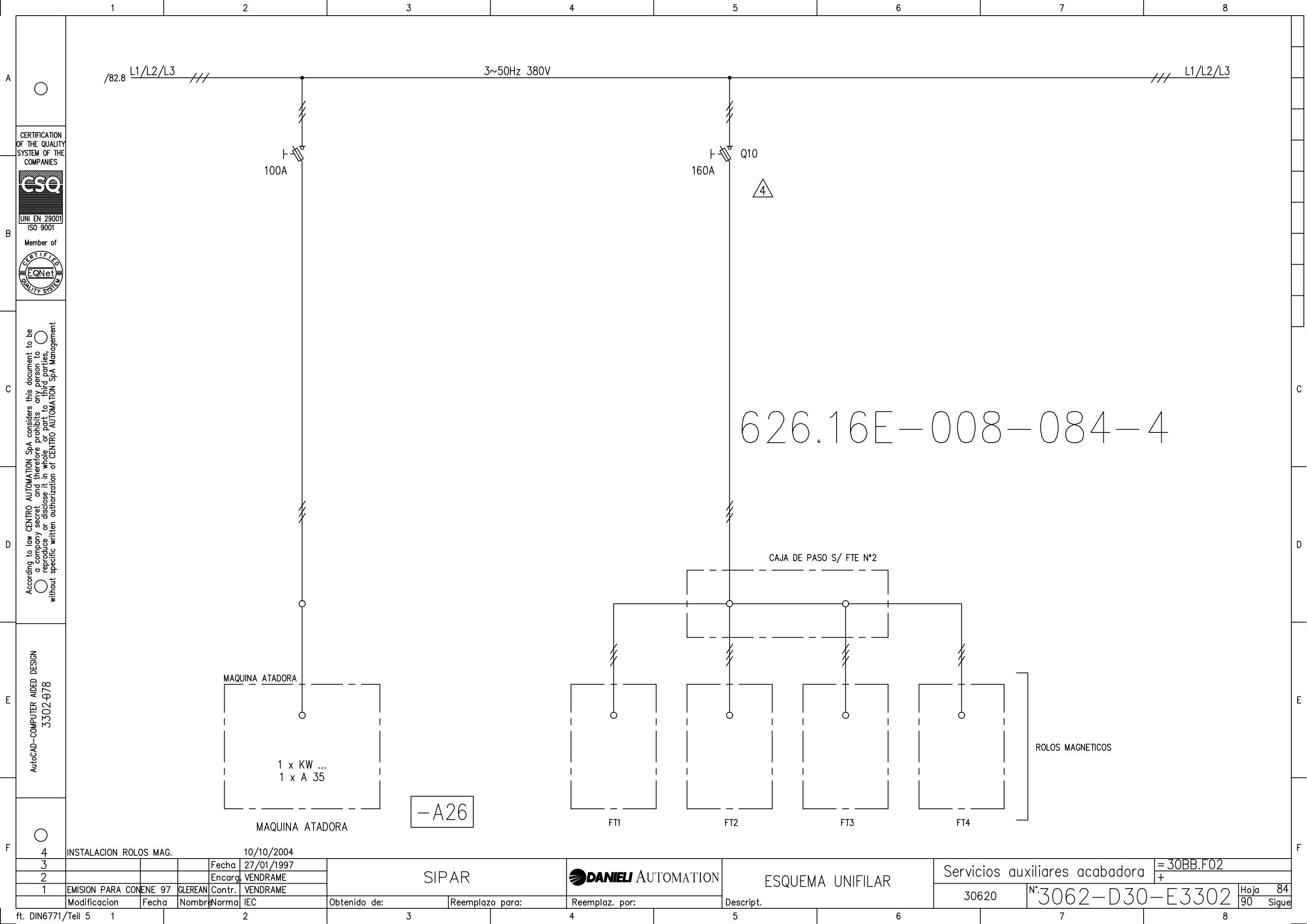


3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	ESQUEMA UNIFILAR	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302 Hoja 80
	Modificacion	Fecha	Nombre	Norma	IEC					82 Sigue
Obtenido de: _____ Reemplazo para: _____ Reemplaz. por: _____						Descript.	7	8	7	8
DIN 7717-1-1						5	6	7	8	



3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	ESQUEMA UNIFILAR	Servicios auxiliares acabadora	= 30BB.F02	
2				Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302 Hoja 82	
	Modificacion	Fecha	Nombre	Norma	IEC					84 Sigue	
ft DIN6771 / Teil 5	1			2		3	4	5	6	7	8

1 2 3 4 5 6 7 8



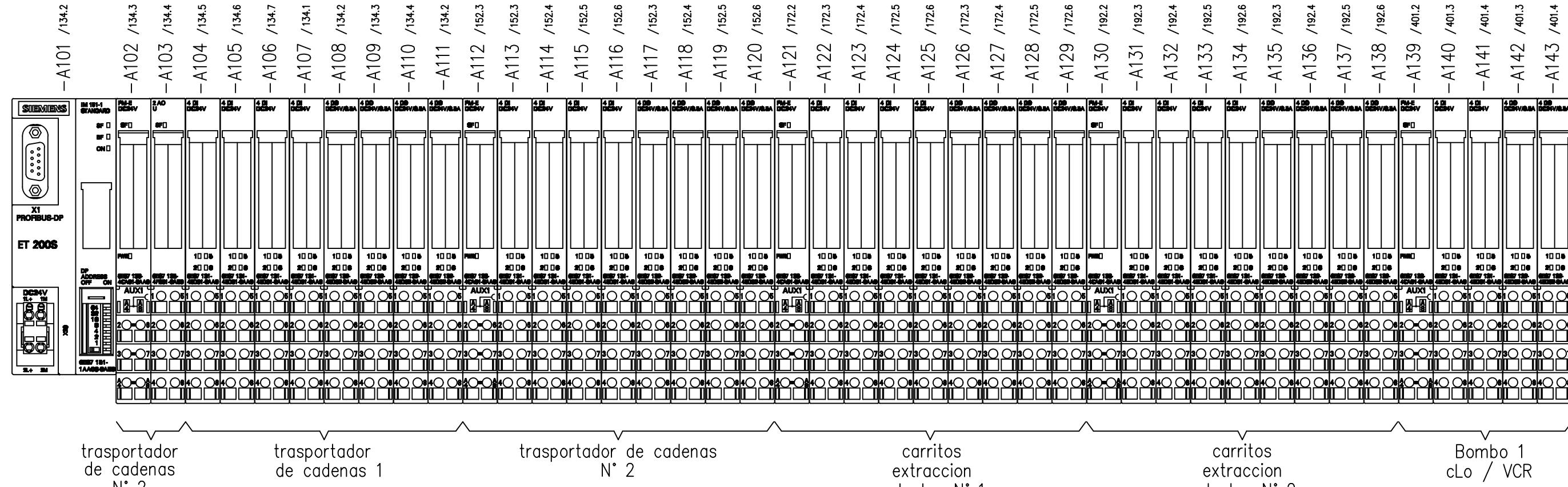
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AutoCAD-COMPUTER AIDED DESIGN
3.3302 -

F

DISPOSICIÓN DE ZÓCALOS:

6ES7193-4CD20-0AA0 (BLANCOS) DE ALIMENTACIÓN
6ES7193-4CB20-0AA0 (NEGROS) DE DISTRIBUCIÓN

ORDEN:

- 1 x BL
- 9 x N
- 1 x BL
- 8 x N
- 1 x BL
- 8 x N
- 1 x BL
- 8 x N
- 1 x BL
- 4 x N

626.16E-008-090-4

-A91

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	DISPOSICION TARJETAS EN EL RACK	Servicios auxiliares acabadora		= 30BB.F02
									Encarg.	VENDRAME	+ 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Contr.	VENDRAME						
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302

A	
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D	
E	AutoCAD-COMPUTER AIDED DESIGN 3302-092

DISPOSICIÓN DE ZÓCALOS:
6ES7193-4CD20-0AA0 (BLANCOS) DE ALIMENTACIÓN
6ES7193-4CB20-0AA0 (NEGROS) DE DISTRIBUCIÓN

ORDEN:

1	x BL
10	x N
1	x BL
8	x N
1	x BL
8	x N
1	x BL
8	x N

626.16E-008-092-4 -A92

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR		DISPOSICIÓN TARJETAS EN EL RACK	Servicios auxiliares acabadora	=30BB.F02	
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	N° 3062-D30-E3302	Hoja 92
	Modificación	Fecha	Nombre	Norma	IEC				Obtenido de:	Reemplazo para:	Reemplaz. por:

A
DISPOSICION TARJETAS
EN EL RACK

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COMPANIES



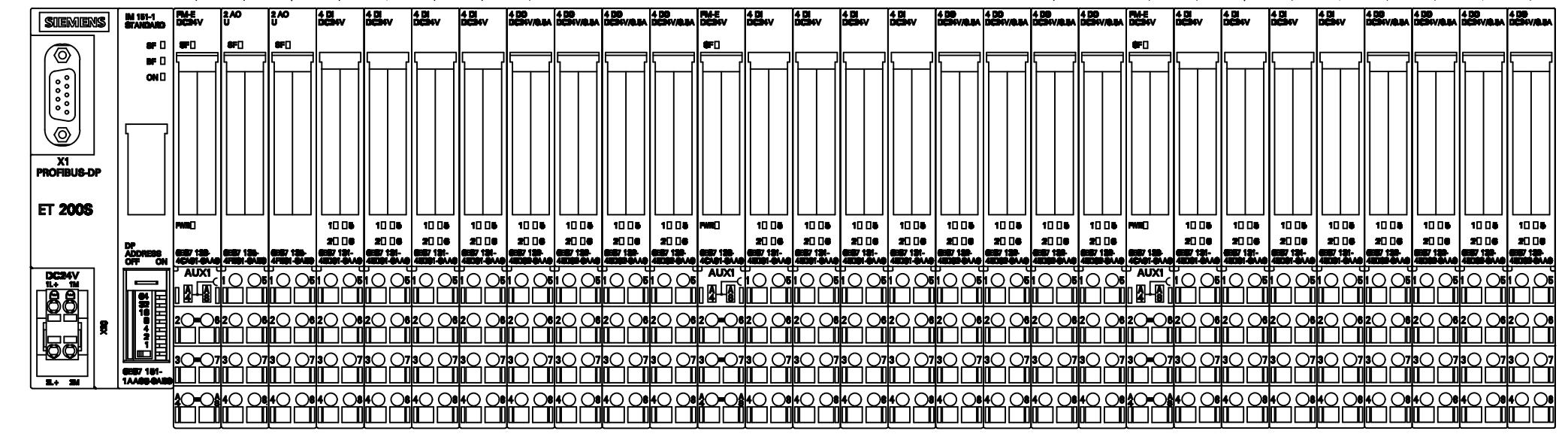
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Camino de rodillos para
estraction
(a la salida section 1 CMA)

Camino de rodillos para
estraction
(a la salida section 1 CMA)

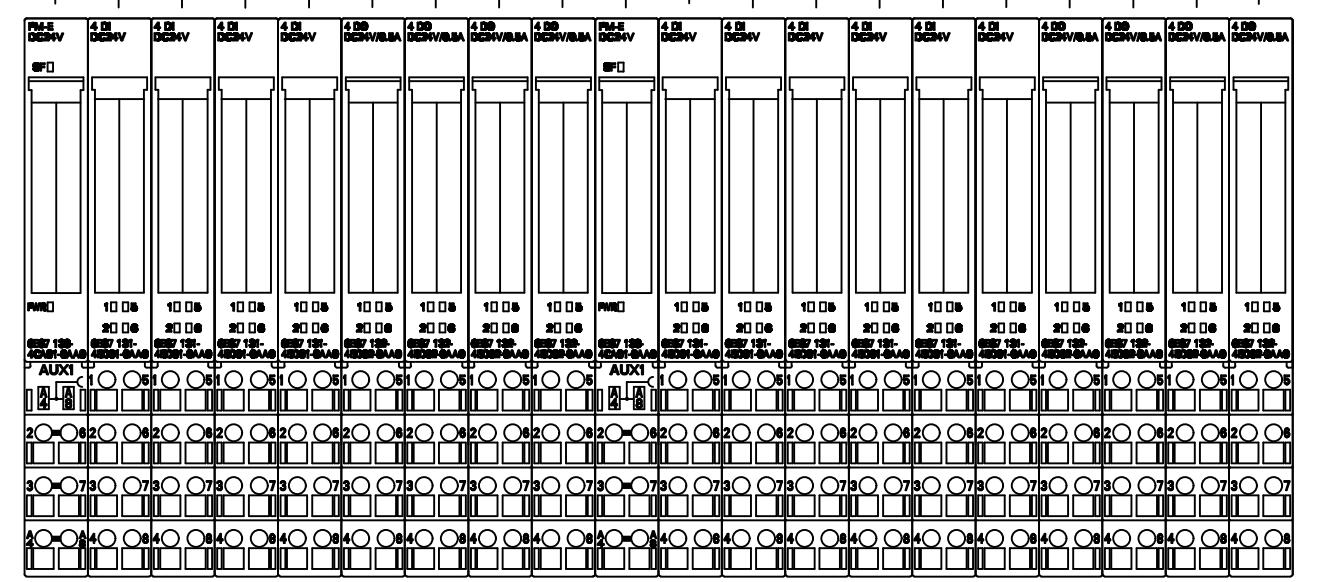
Camino de rodillos para
estraction
(a la salida section 2 CMA)

AutoCAD-COMPUTER AIDED DESIGN
3302-094

DISPOSICIÓN DE ZÓCALOS:
6ES7193-4CD20-0AA0 (BLANCOS) DE ALIMENTACIÓN
6ES7193-4CB20-0AA0 (NEGROS) DE DISTRIBUCIÓN

ORDEN:

- 1 x BL
- 10 x N
- 1 x BL
- 8 x N
- 1 x BL
- 8 x N
- 1 x BL
- 8 x N
- 1 x BL
- 10 x N



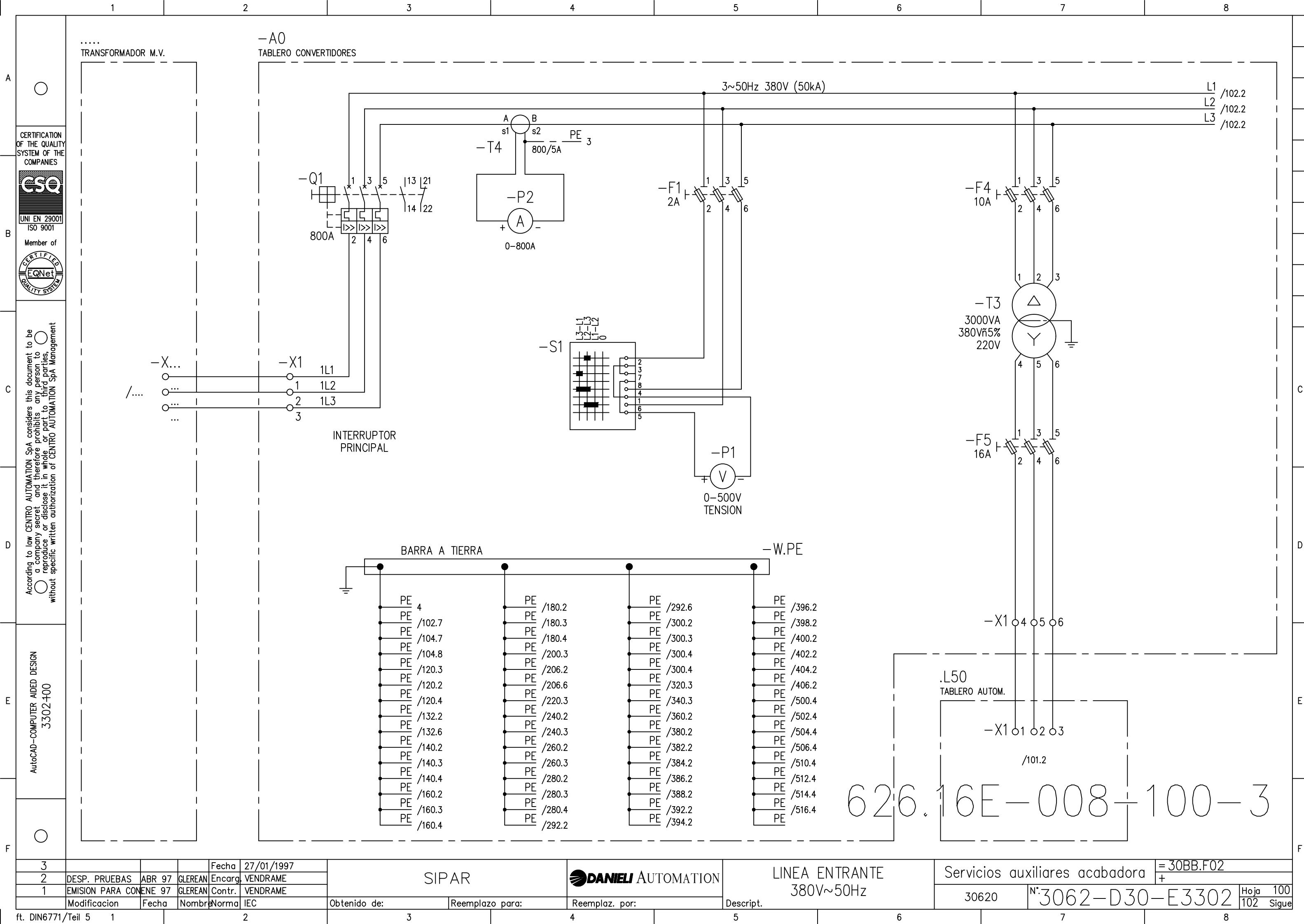
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a la entrada

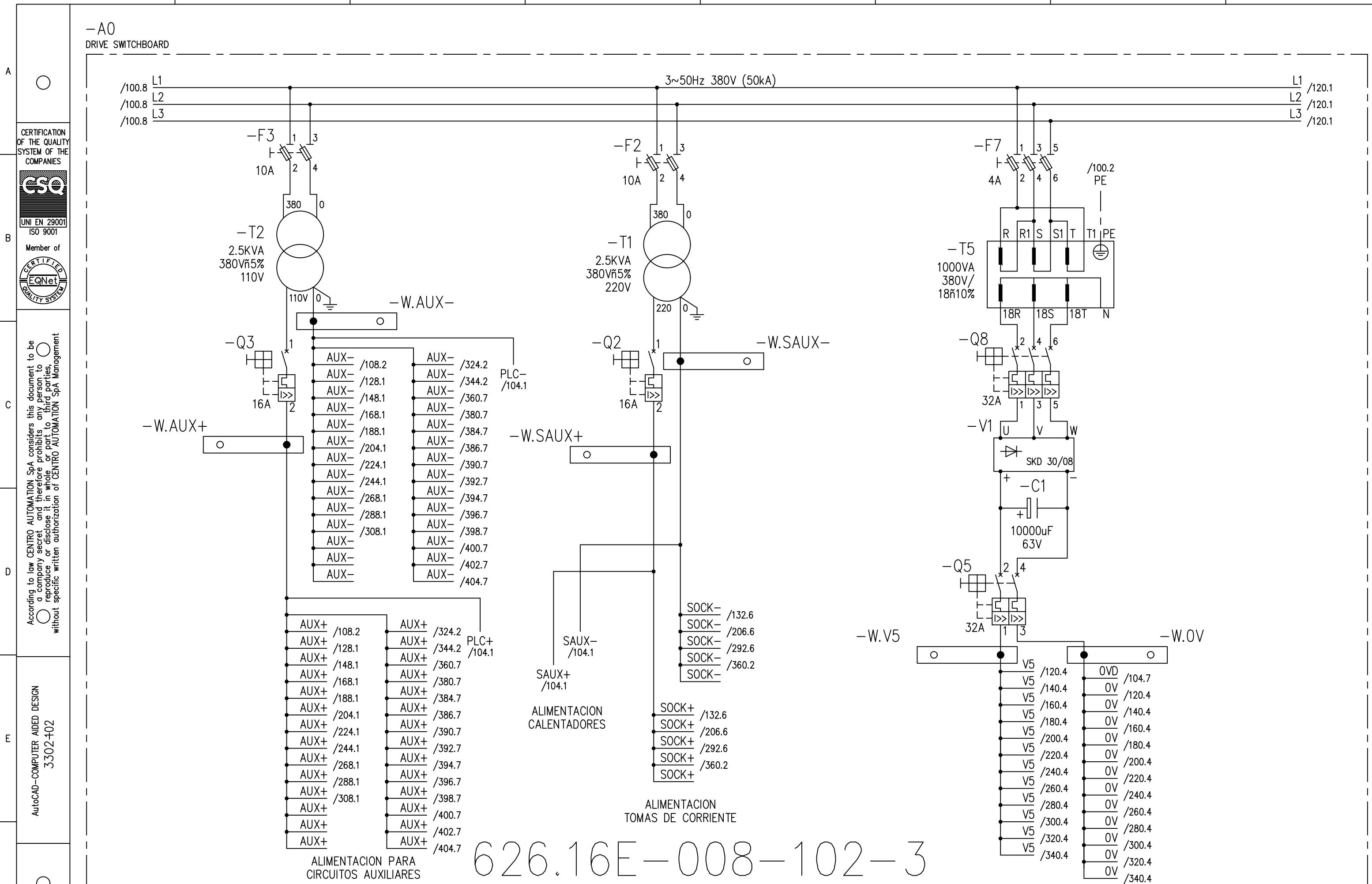
Bomba
de lubrication
CMA

-A93

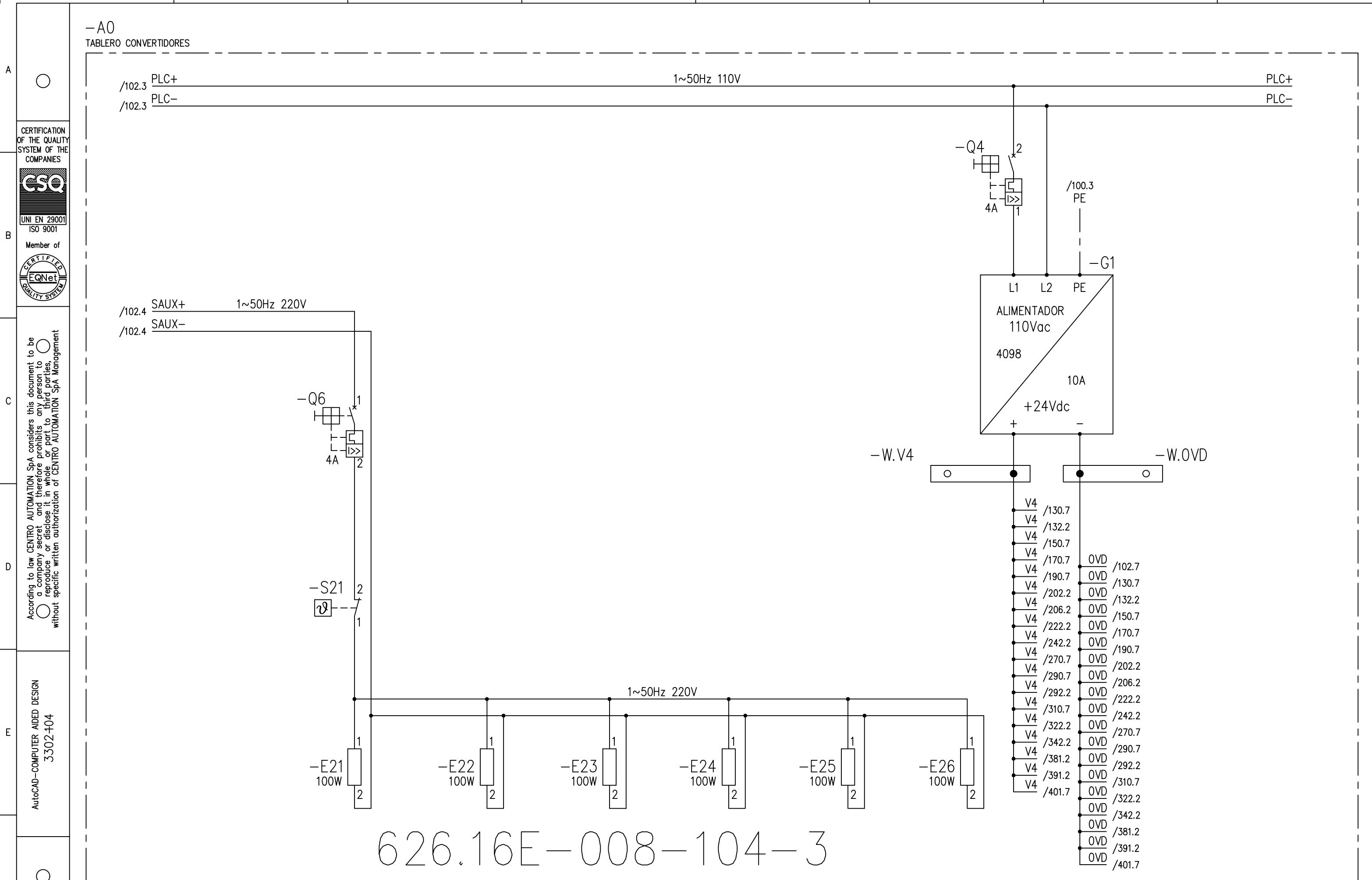
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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	DISPOSICION TARJETAS EN EL RACK	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CON	ENE 97		Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 94
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	100 Sigue



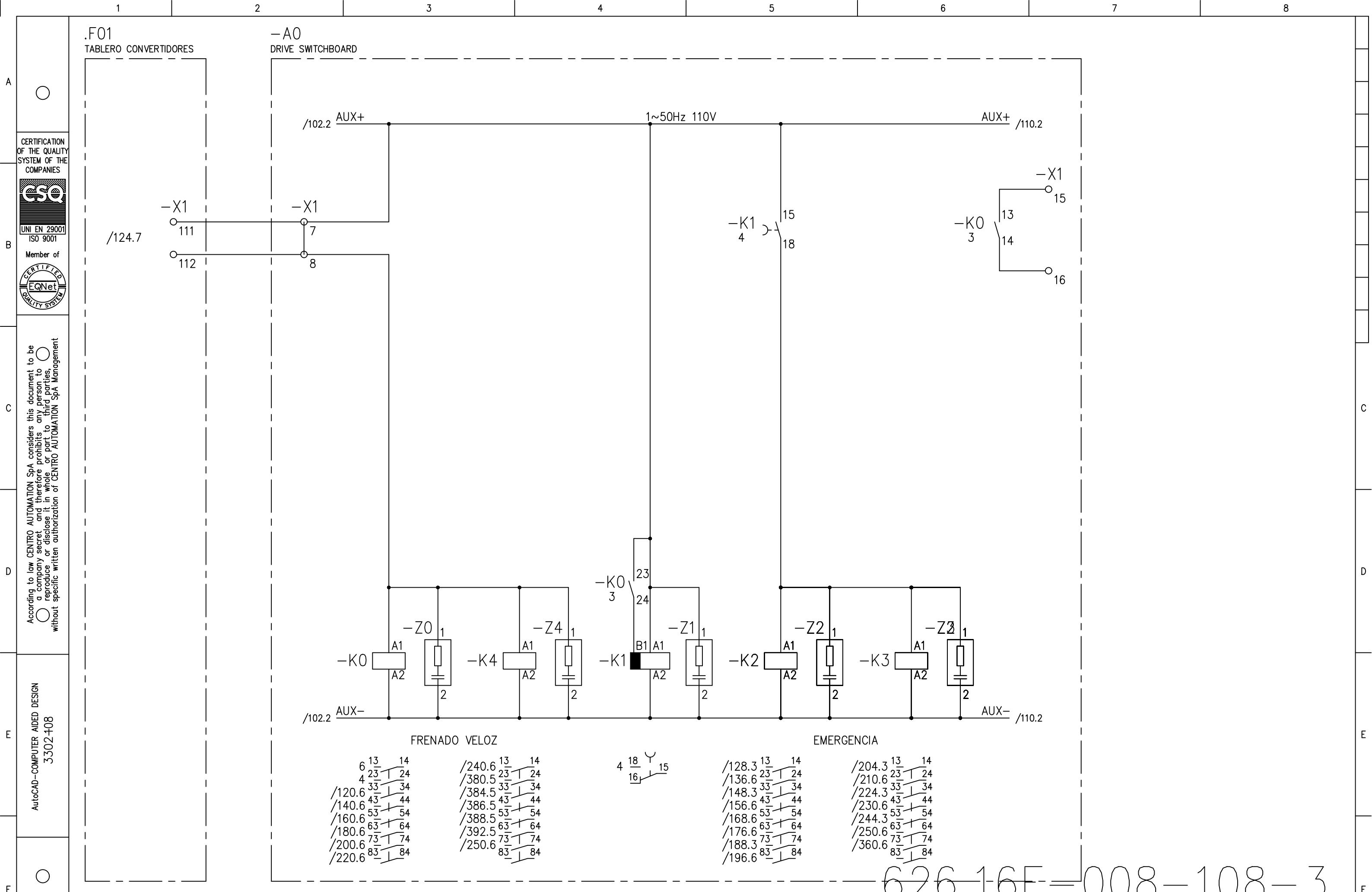


3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LINEA ENTRANTE DISTRIBUCION ALIMENTACIONES	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+ 30620
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAM					Nº 3062-D30-E3302
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Hoja 102 104 Sigue



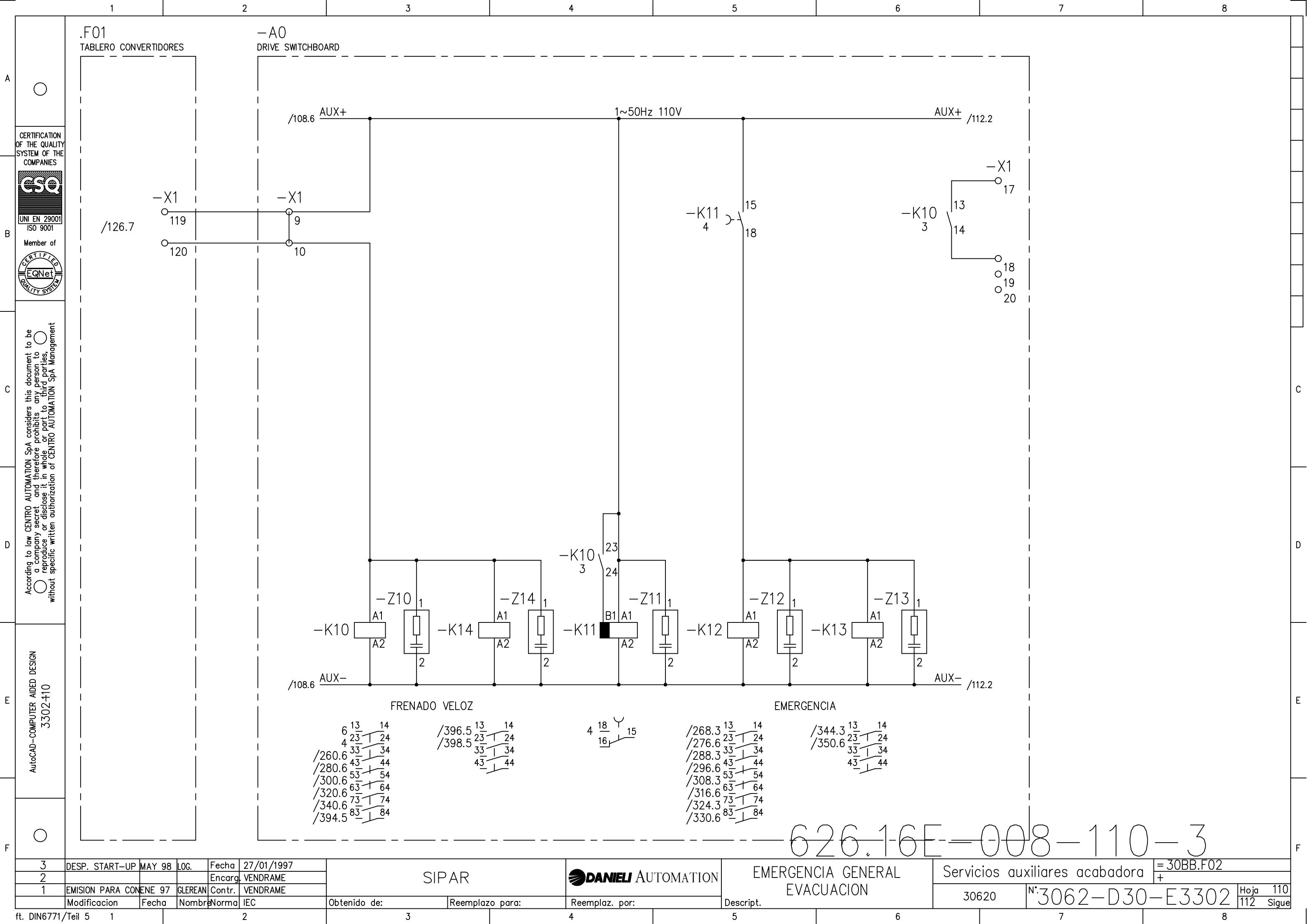
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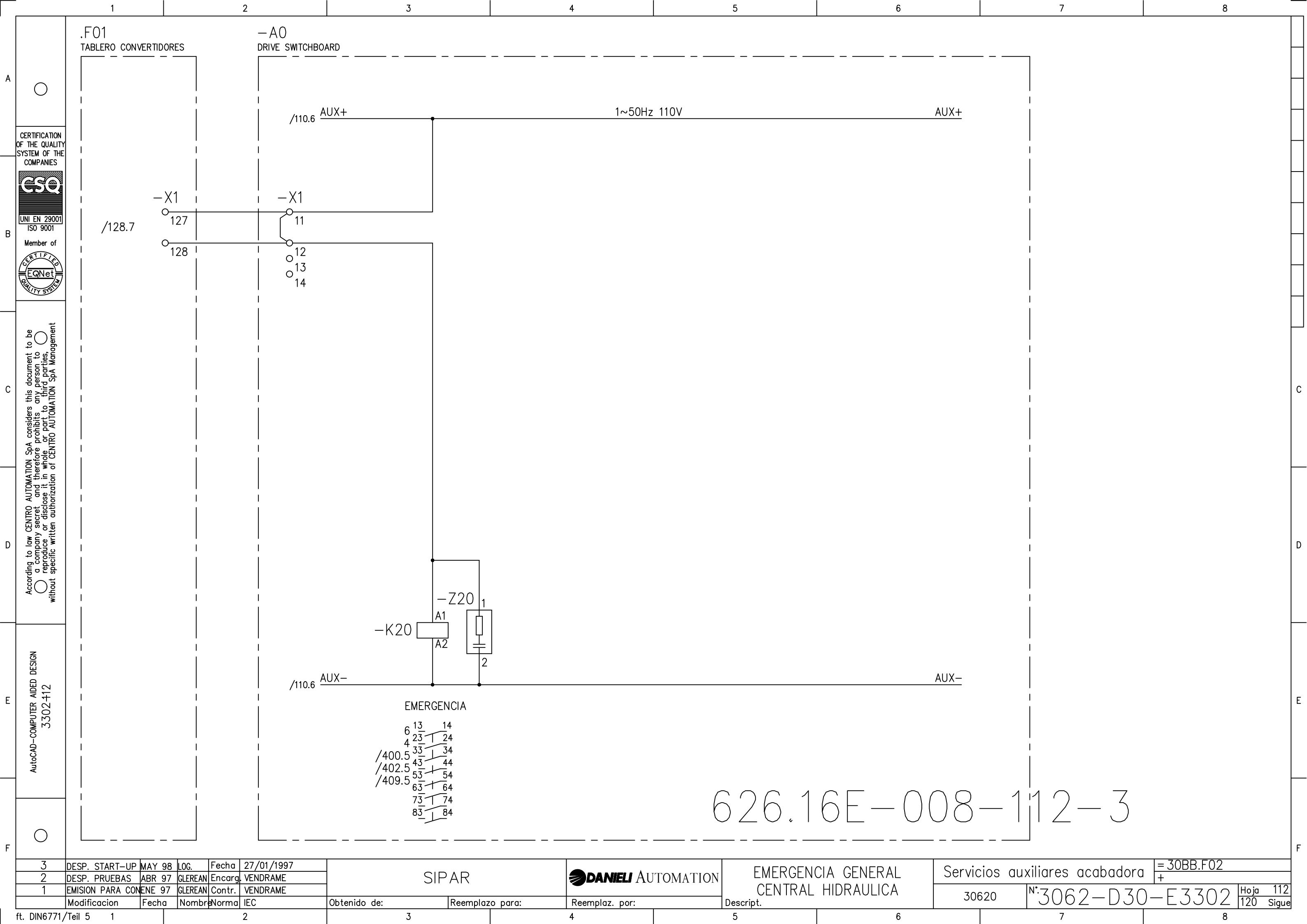
3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	LINEA ENTRANTE ALIMENTACION 24Vdc Descript.	=30BB.F02		
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ Servicios auxiliares acabadora		
1	EMISION PARA COME	ENE 97	GLEREAN	Contr.				30620	Nº: 3062-D30-E3302	
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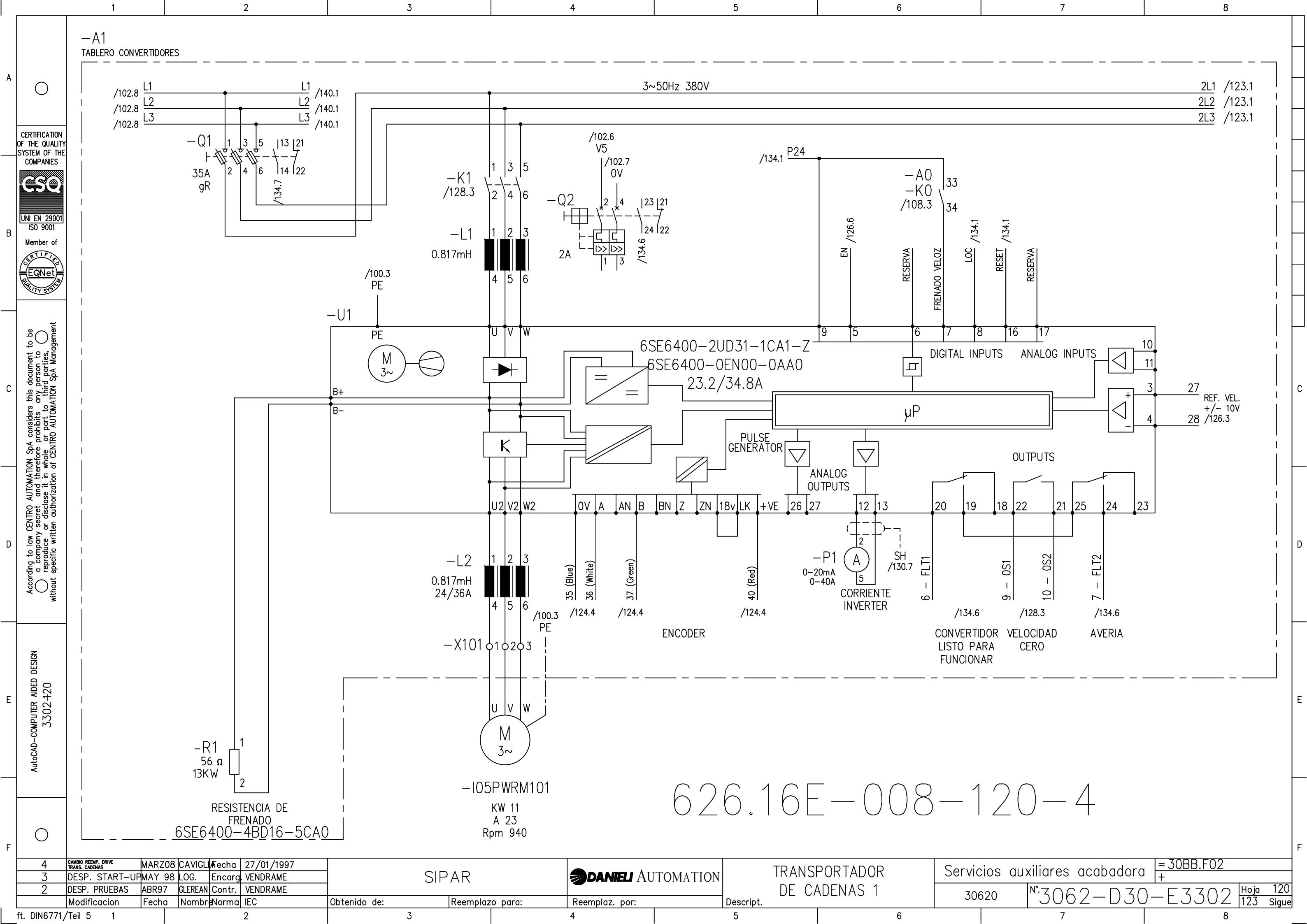


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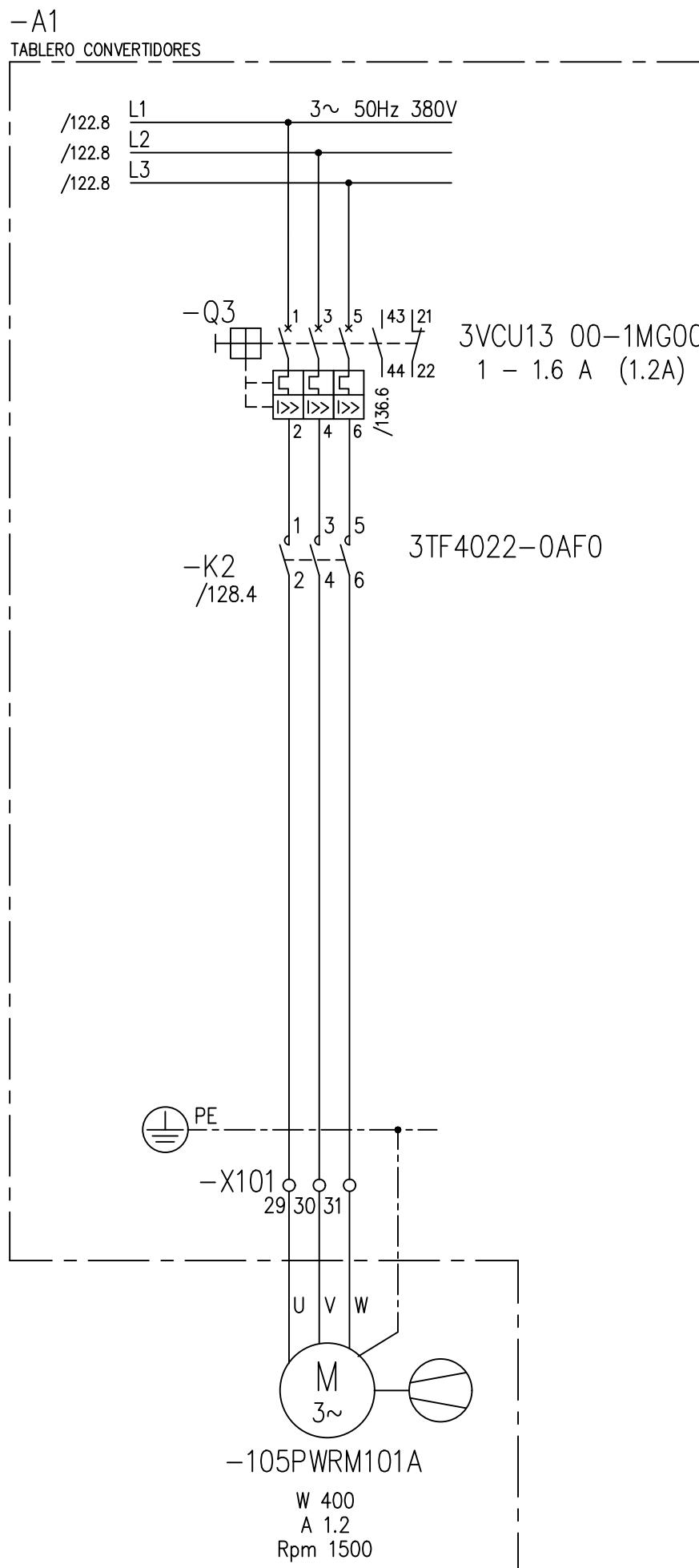
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2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAMÉ				+		
1	EMISIÓN PARA CONENE 97	GLELEAN	Contr.	VENDRAMÉ	30620				Nº: 3062-D30-E3302 Hoja 108		
	Modificación	Fecha	Nombre	Norma	IEC				Descript.		110 Sigue
						Obtenido de:	Reemplazo para:	Reemplaz. por:			







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C
D
E
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F



626.16E-008-123-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	KA	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	
ft. DIN6771/Teil 5	1		2		3	Obtenido de:	Reemplazo para:	Reemplaz. por:	30620	3062-D30-E3302
										Hoja 123 124 Sigue

Disp. en campo

-A1
TABLERO CONVERTIDORES

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ISO 9001

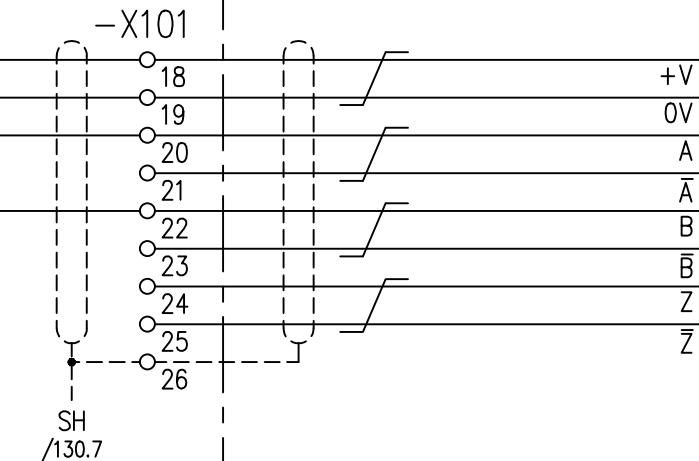
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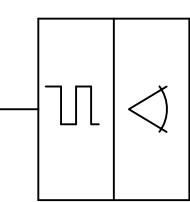
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F

REACCION DE
VELOCIDAD/120.4 +V
/120.4 OV
/120.4 A
/120.4 B

-I05PWRB101



1024 impuls./giro

O 27
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O 37

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E

626.16E-008-124-4

4 CAMBIO REEMP. DRIVE
TRANS. CADENAS MARZO8 CAVIGLI Fecha 27/01/1997

3 DESP.START UP MAY98 LOG. Encarg VENDRAME

2 DESP. PRUEBAS ABR97 GLEREAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

SIPAR

DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 1

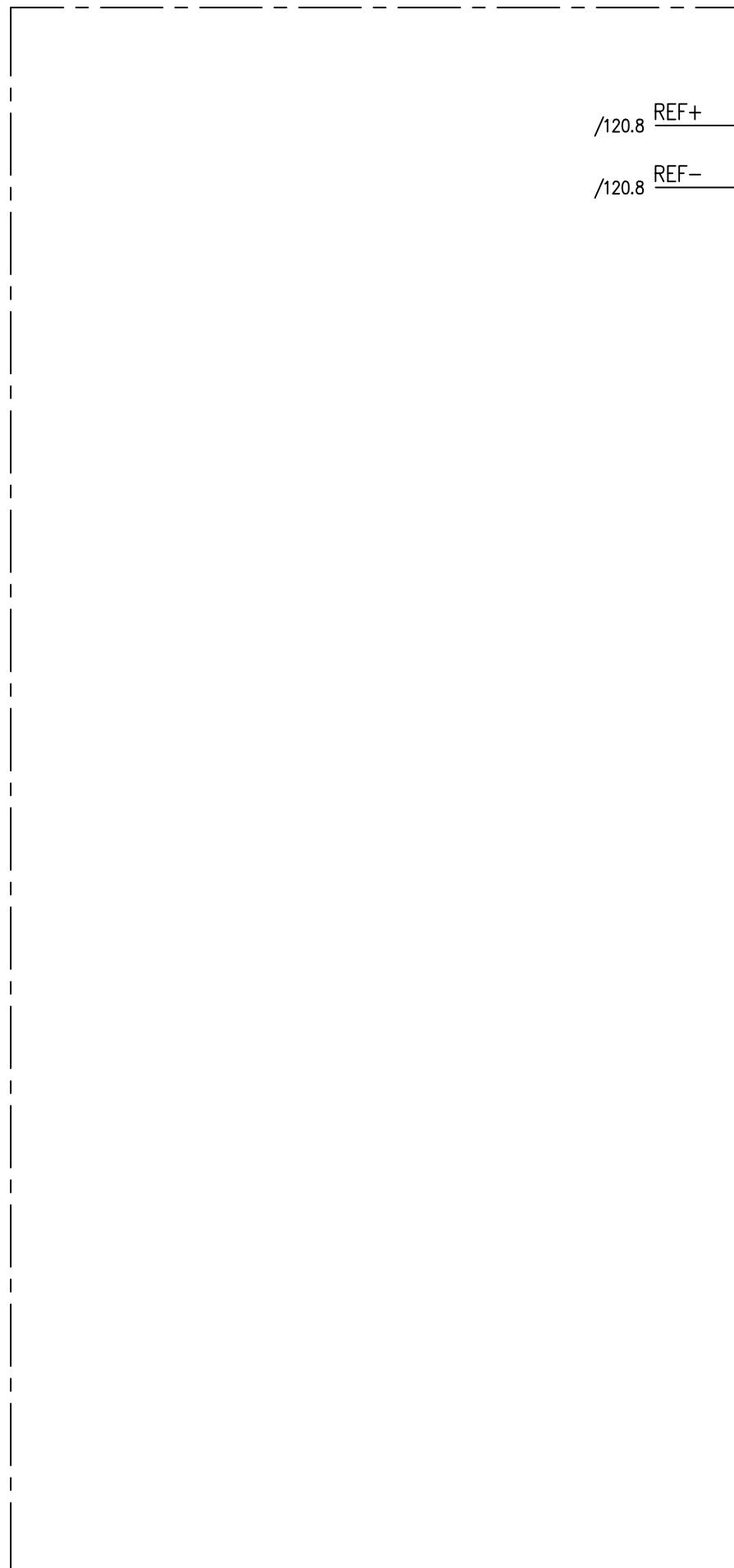
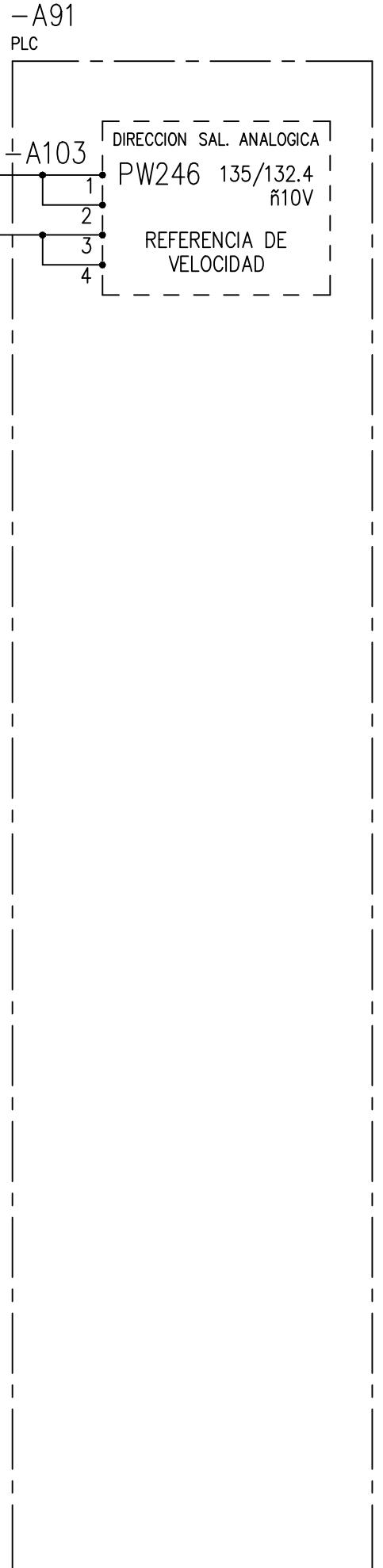
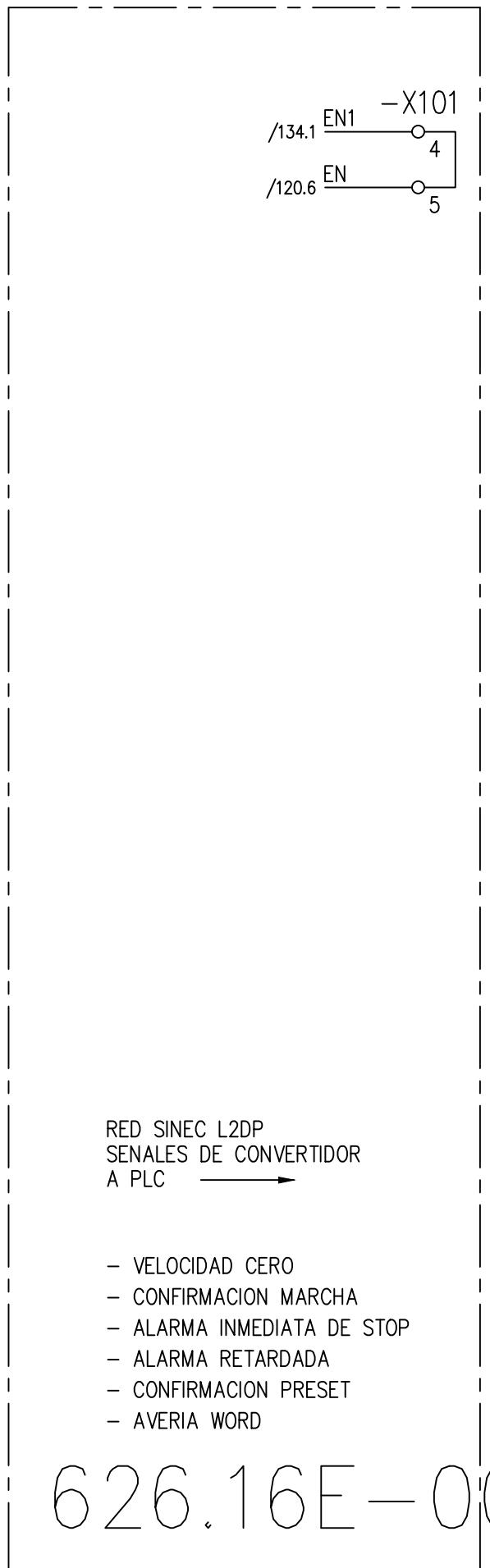
Servicios auxiliares acabadora =30BB.F02

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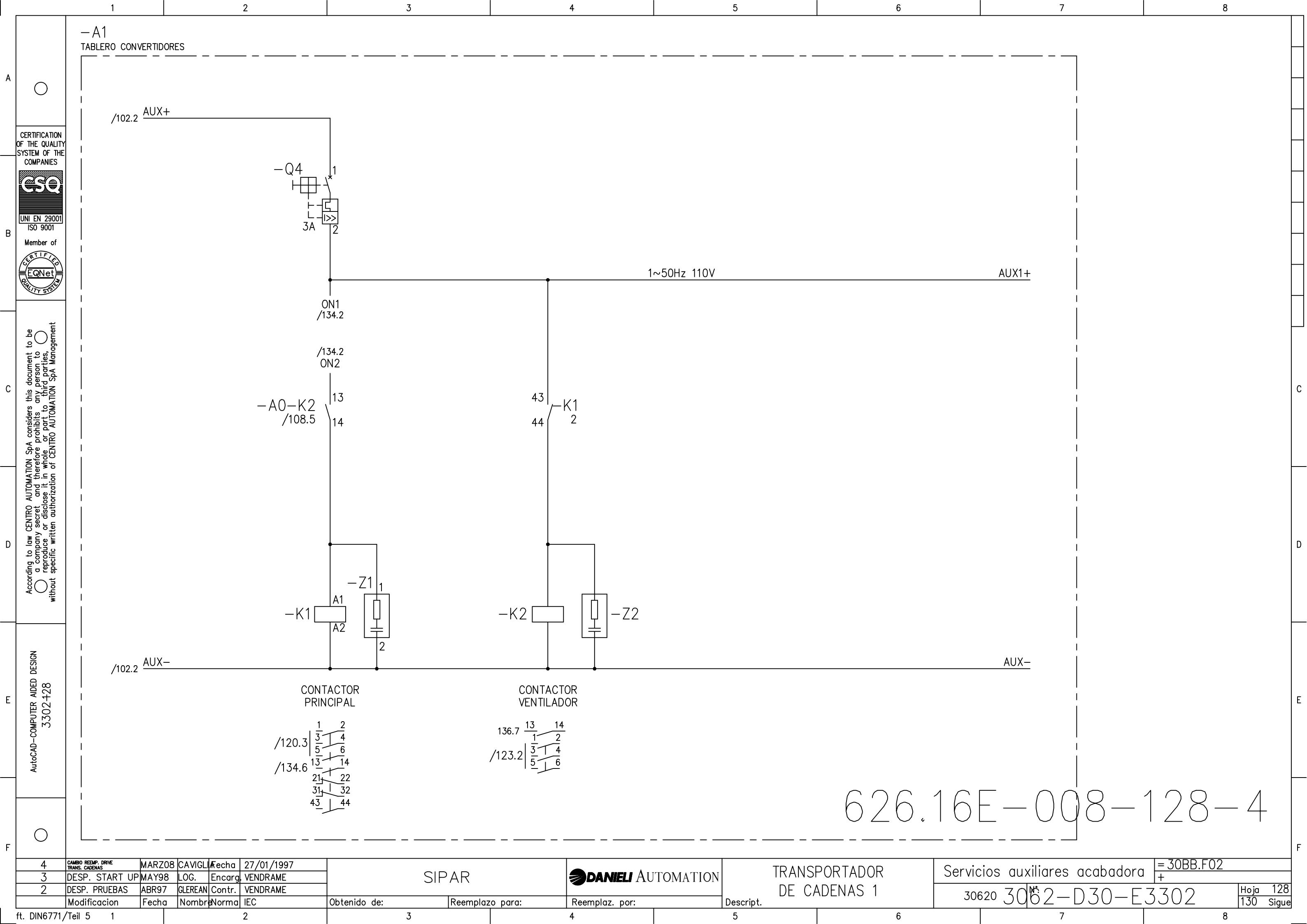
30620 N° 3062-D30-E3302

Hoja 124

126 Sigue

A1
TABLERO CONVERTIDORESA91
PLCA1
TABLERO CONVERTIDORESL50
TABLERO AUTOMATIZACION

4	REVAMPING L50	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 1	Servicios auxiliares acabadora	=30BB.F02
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+ 30620	N° 3062-D30-E3302 Hoja 126 128 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC					



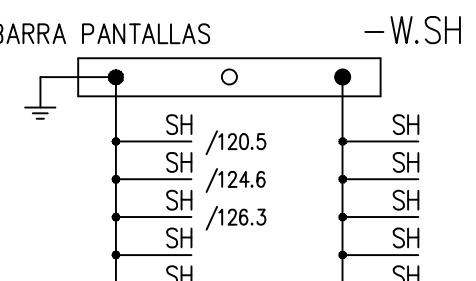
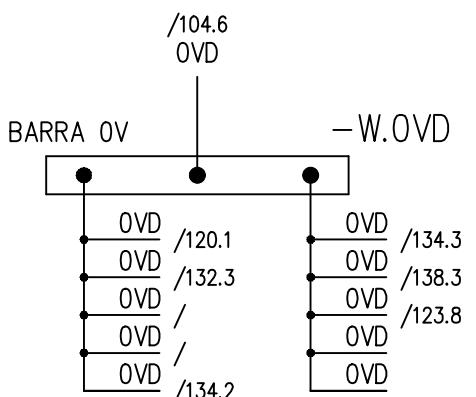
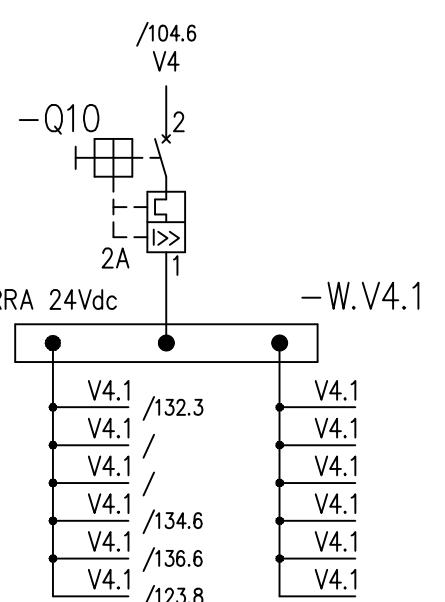
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3.3024-30

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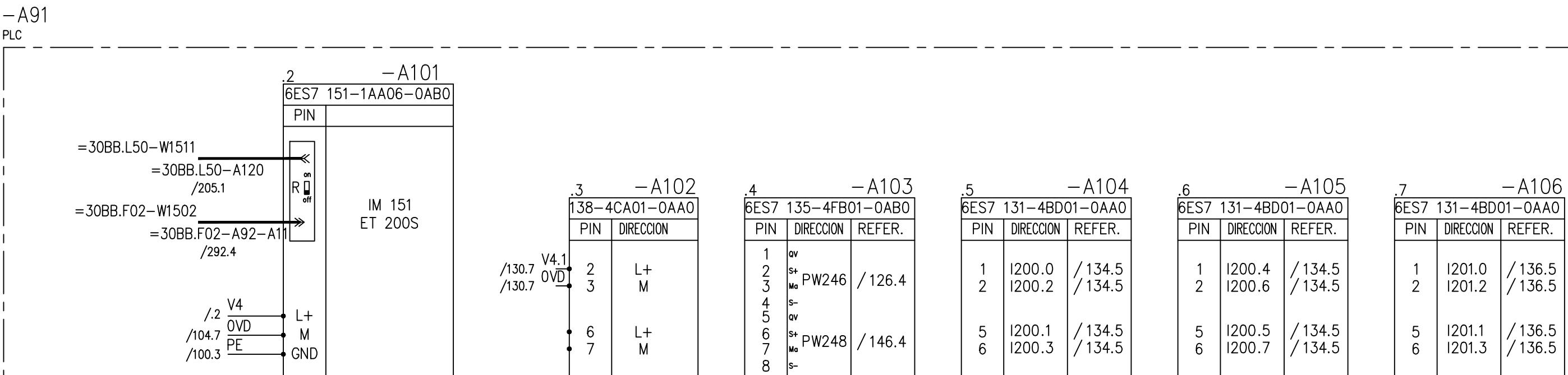
626.16E-008-130-4



DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 1Servicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 130
132 Sigue

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 1	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	N° 3062-D30-E3302	Hoja 130 132 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			



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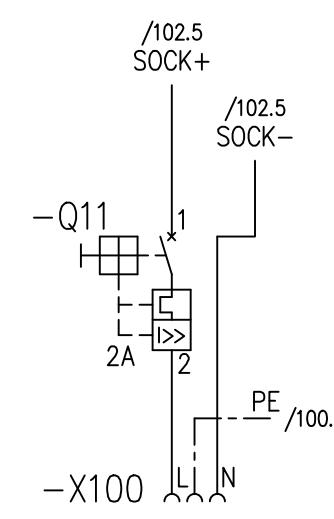
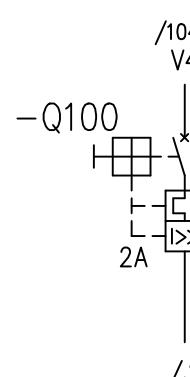
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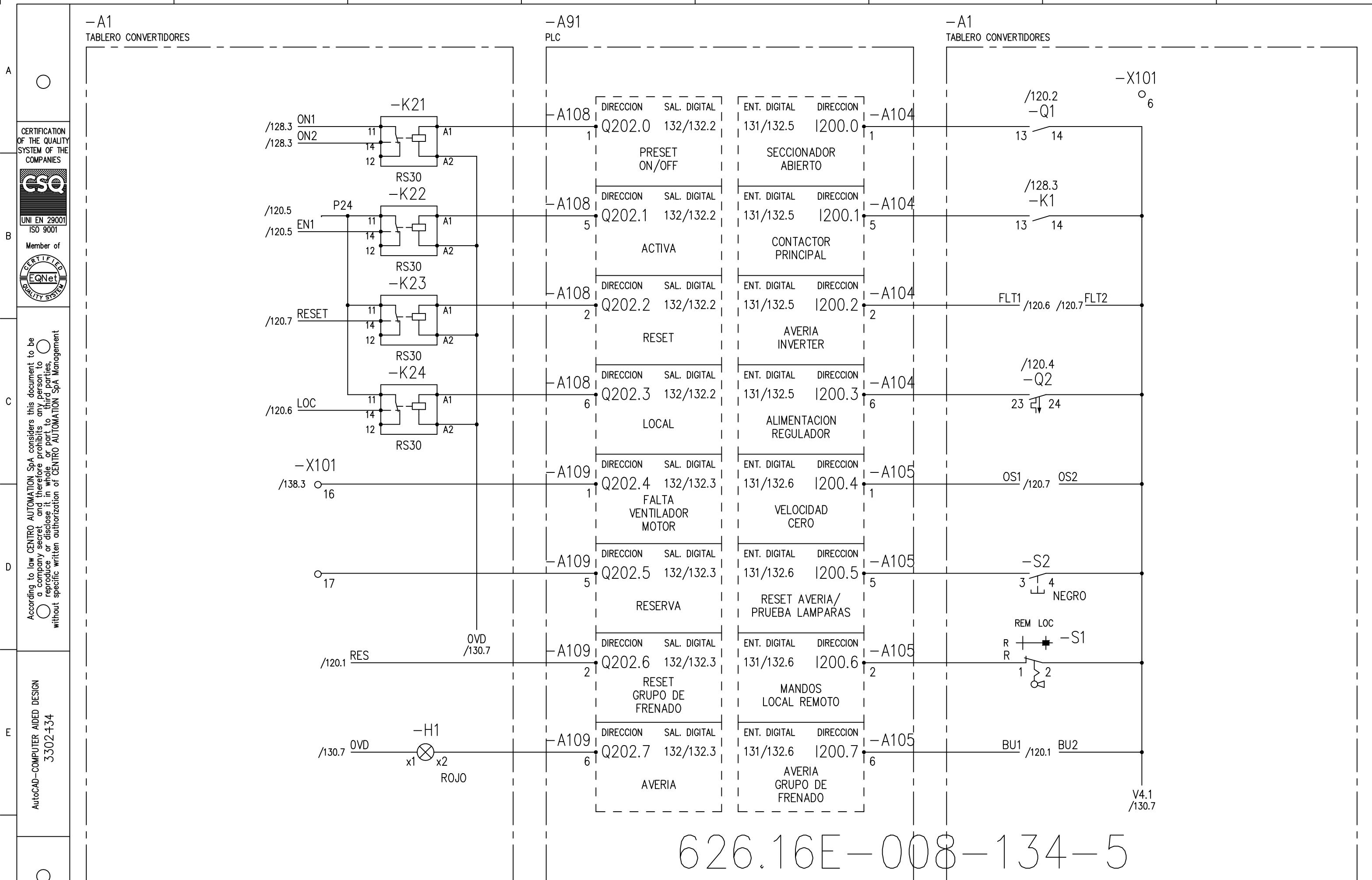
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6	Q203.7	/136

AutoCAD—COMPUTER AIDED DESIGN
3303132



TOMA DE CORRIENTE
1~50Hz 220V

626.16E-008-132-4



5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 1	Servicios auxiliares acabadora	= 30BB.F02
4	CAMBIO REEMP. DRIVE TRANS. CADENAS	MAR 08	CAVIGLIA	Encarg.	VENDRAME				+ 30620	
3	DESP. START-UP	ABR 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 134
	Modificación	Fecha	Nombre	Norma	IEC				136 Sigue	
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8		

-A1
TABLERO CONVERTIDORES

-A91

-A1
TABLERO CONVERTIDORES

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F

-X101

7

-A110

1

DIRECCION

SAL. DIGITAL

132/132.4

ENT. DIGITAL

DIRECCION

131/132.5

RESERVA

1201.0

1

FALTA

MOT. VENTILADOR

-A106

14

128.4

K2

-K2

13

123.1

Q3

-Q3

44

11

-X101

8

-A110

5

DIRECCION

SAL. DIGITAL

132/132.4

ENT. DIGITAL

DIRECCION

131/132.5

1201.1

5

RESERVA

-A106

5

RESERVA

9

-A110

2

DIRECCION

SAL. DIGITAL

132/132.4

ENT. DIGITAL

DIRECCION

131/132.5

1201.2

2

RESERVA

/138.3 MS

-A110

6

DIRECCION

SAL. DIGITAL

132/132.4

ENT. DIGITAL

DIRECCION

131/132.5

1201.3

6

EMERGENCIA

/138.3 RCS

-A111

1

DIRECCION

SAL. DIGITAL

132/132.5

ENT. DIGITAL

DIRECCION

131/132.1

201.4

1

ARRANCA LOCAL

/138.3 SLF

-A111

5

DIRECCION

SAL. DIGITAL

132/132.5

ENT. DIGITAL

DIRECCION

131/132.1

1201.5

5

PARA LOCAL

/138.3 MT>

-A111

2

DIRECCION

SAL. DIGITAL

132/132.5

ENT. DIGITAL

DIRECCION

131/132.1

1201.6

2

RESERVA

/138.3 CF

-A111

6

DIRECCION

SAL. DIGITAL

132/132.5

ENT. DIGITAL

DIRECCION

131/132.1

1201.7

6

RESERVA

626.16E-008-136-4

SIPAR

DANIELI AUTOMATIONTRANSPORTADOR
DE CADENAS 1Servicios auxiliares acabadora
+ = 30BB.F02

30620 N° 3062-D30-E3302 Hoja 136

138 Sigue

-A1
TABLERO CONVERTIDORES

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/136.2 RCS	1 ALIMENTACION REGULACION	
/136.2 SLF	2 FALTA LINEA EN SERIE	
/136.2 MT>	3	
/136.2 CF	4 FALTA CONVERTIDOR	
/136.2 MS	5 SECCIONADOR PRINCIPAL ABIERTO	
/134.2	6 FALTA VENTILADOR MOTOR	
	7	
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	9	
	10	
	11	
	12	
	13	
/130.7 OVD	16 0V	

626.16E-008-138-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
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1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME
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Modificacion	Fecha	Nombre	Norma	IEC
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SIPAR

DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 1

Servicios auxiliares acabadora

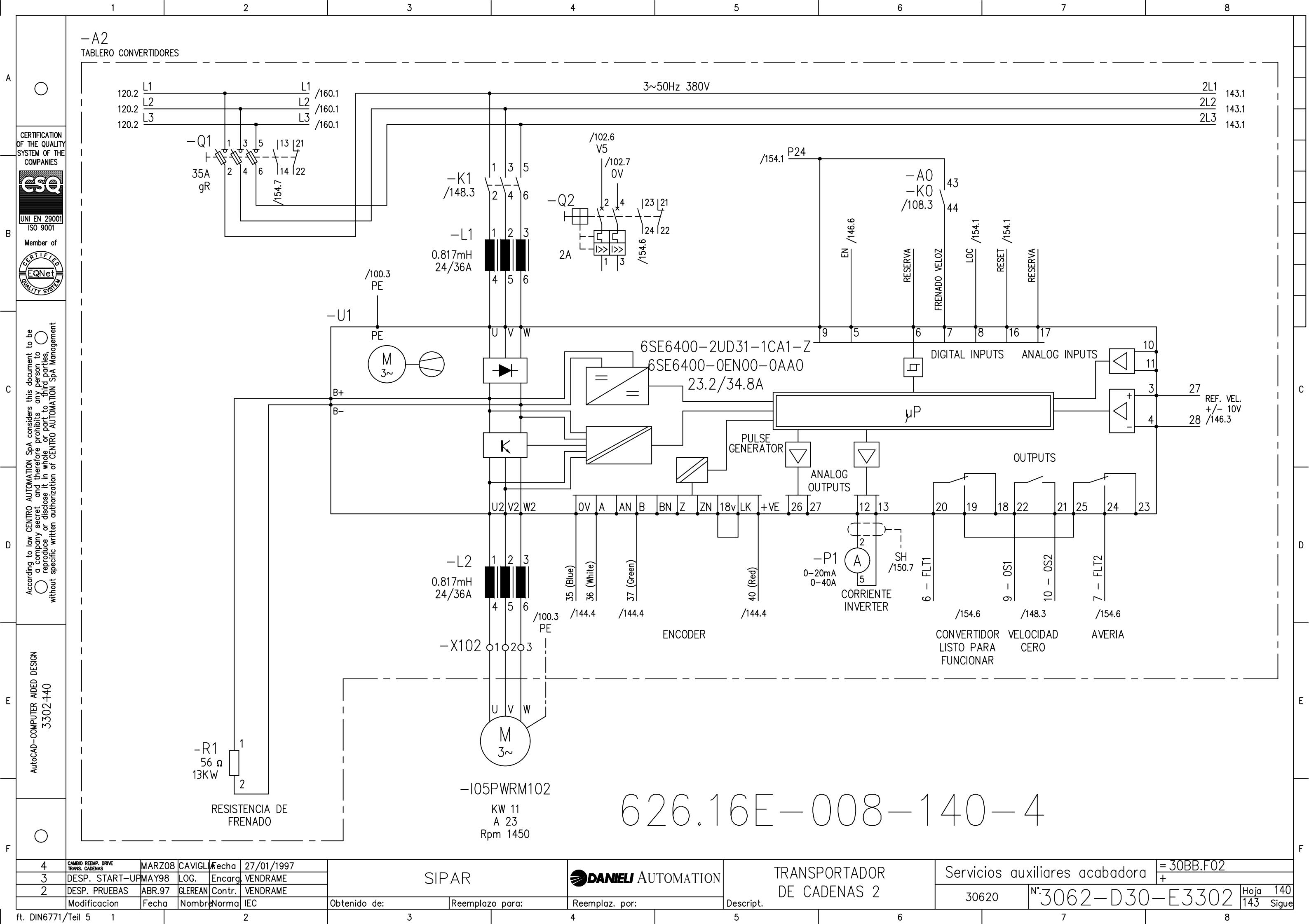
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30620 N° 3062-D30-E3302

Hoja 138

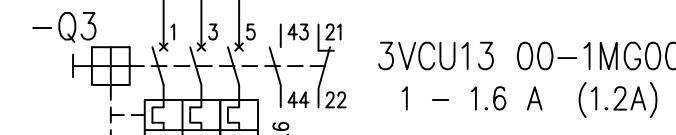
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-A2

TABLERO CONVERTIDORES

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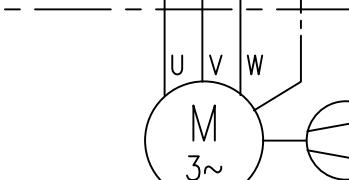
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PE

-X102

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-I05PWRM102A

W 400

A 1.2

V380

Rpm 1500

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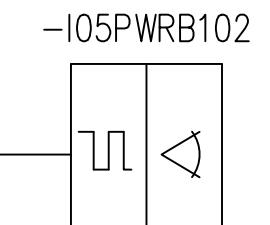


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AutoCAD-COMPUTER AIDED DESIGN
3.302.420

626.16E-008-143-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 2	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 143 144 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	



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TABLERO CONVERTIDORES

O

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AutoCAD-COMPUTER AIDED DESIGN
3302-444

O

REACCION DE
VELOCIDAD

/140.4

+V

/140.4

OV

/140.4

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/140.4

B

/140.4

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-X102

18

19

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21

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23

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26

SH
/150.7

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+V

OV

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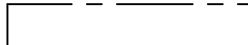
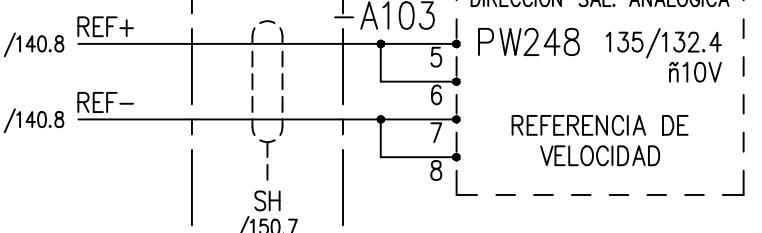
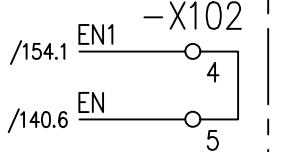
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SIPAR

DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 2Servicios auxiliares acabadora
+
30620 N° 3062-D30-E3302=30BB.F02
Hoja 144
146 Sigue

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 2	Servicios auxiliares acabadora +	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+ 30620
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.					N° 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma					Hoja 144 146 Sigue
ft. DIN6771/Teil 5	1			IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

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-A2
TABLERO CONVERTIDORESCERTIFICATION
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ISO 9001According to law CENTRO AUTOMATION SpA considers this document to be
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3.302-446-A91
PLC-A1
TABLERO CONVERTIDORESL50
TABLERO AUTOMATIZACIONRED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

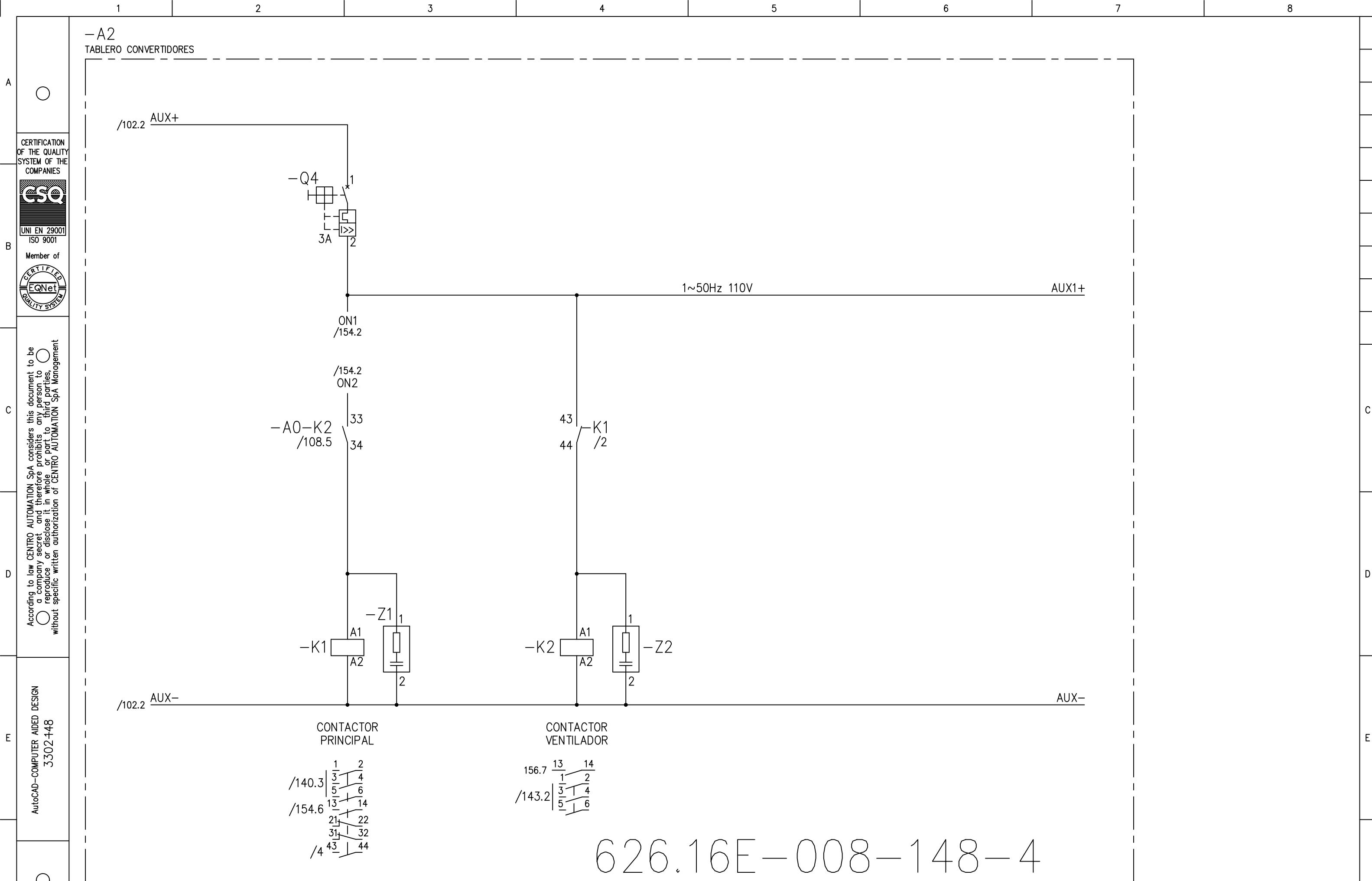
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- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD

RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR

- PRESET ON
- PRESET OFF
- MANDO START
- MANDO STOP
- REFERENCIA VELOCIDAD

626.16E-008-146-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 2	Servicios auxiliares acabadora		= 30BB.F02
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	+						
	Modificacion	Fecha	Nombre	Norma	IEC				Reemplazo de:	Reemplazo para:	Reemplaz. por:



626.16E-008-148-4

4	CAMBIO REEMP. DRIVE TRANS. CADENAS	MARZ08	CAVIGLI	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 2	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY98	LOD	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				Hoja 148 150	Sigue
	Modificacion	Fecha	Nombre	Norma	IEC					
ft. DIN6771 / Teil 5	1	2	3	4	5	6	7	8		

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TABLERO CONVERTIDORES

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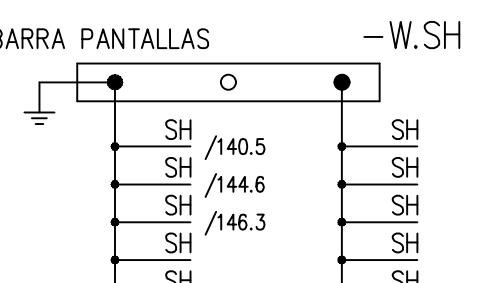
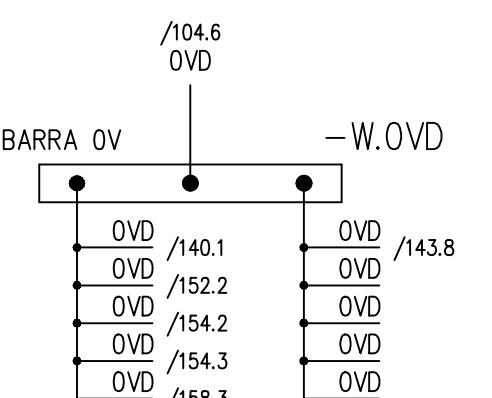
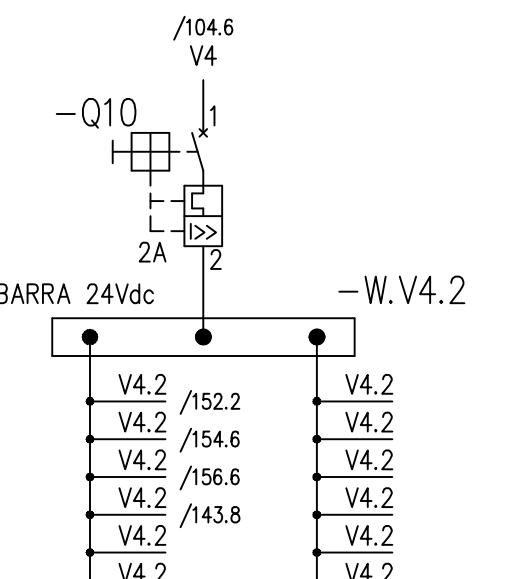
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F



626.16E-008-150-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME
	Modificacion	Fecha	Nombre	Norma	IEC

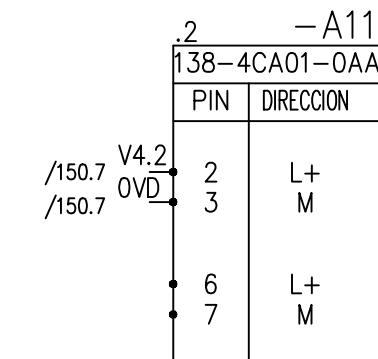
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DANIELI AUTOMATIONTRANSPORTADOR
DE CADENAS 2Servicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 150
152 Sigue

-A91

PLC

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.3 -A113

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6	I204.3	/154.5

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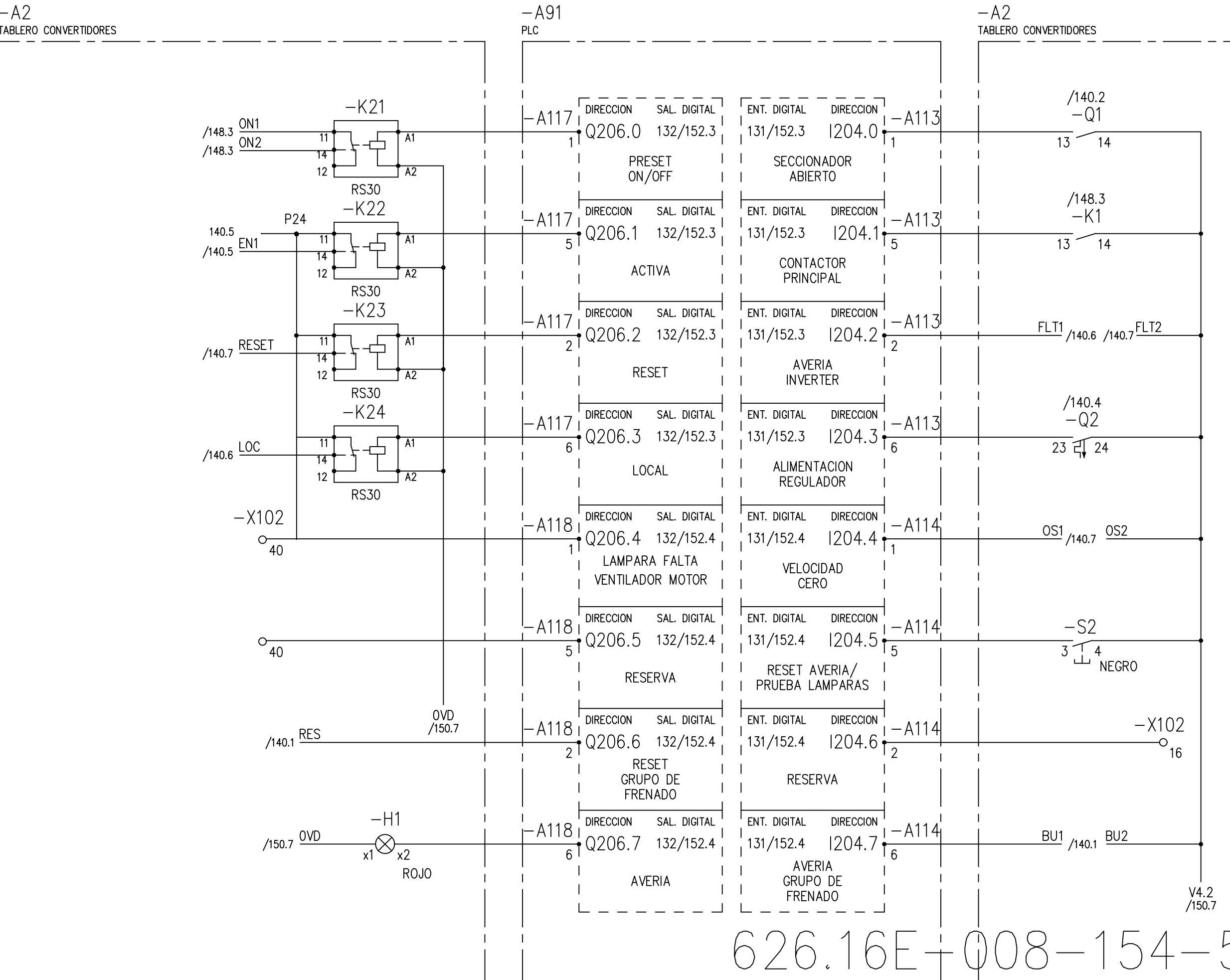
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2	Q207.6	/156.4
5	Q207.5	/156.4
6	Q207.7	/156.4

626.16E-008-152-4



626.16E+008-154-5

5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 2	Servicios auxiliares acabadora		= 30BB.F02
4	CAMBIO REEMP. DRIVE TRANS. CADENAS	MAR 08	CAVIGLIA	Encarg.	VENDRAME				+		
3	DESP. START-UP	MAY 98	LOG	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 154
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		156 Sigue

-A2
TABLERO CONVERTIDORES

-A91

-A2
TABLERO CONVERTIDORES

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D
AutoCAD-COMPUTER AIDED DESIGN
3.302456

F
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7

-A119

DIRECCION SAL. DIGITAL

131/152.5 132/152.5

RESERVA

ENT. DIGITAL

DIRECCION

1205.0 1

FALTA VENTILADOR

MOTOR

-K2

14

13

44

/148.4

43

/143.2

-Q3

8

-A119

DIRECCION SAL. DIGITAL

131/152.5 132/152.5

RESERVA

ENT. DIGITAL

DIRECCION

1205.1 5

RESERVA

-A115

12

9

-A119

DIRECCION SAL. DIGITAL

131/152.5 132/152.5

RESERVA

ENT. DIGITAL

DIRECCION

1205.2 2

RESERVA

-A115

13

10

/158.3 MS

-A119

DIRECCION SAL. DIGITAL

131/152.5 132/152.5

SECCIONADOR
ABIERTO

ENT. DIGITAL

DIRECCION

1205.3 6

EMERGENCIA

/108.5

-A0-K2

/158.3 RCS

-A120

DIRECCION SAL. DIGITAL

131/152.6 132/152.6

ALIMENTACION
TARJETA DE
REGULACION

ENT. DIGITAL

DIRECCION

1205.4 1

ARRANCA
LOCAL

PARA 0 ARRANCA

S3

/158.3 SLF

-A120

DIRECCION SAL. DIGITAL

131/152.6 132/152.6

AVERIA
LINEA EN SERIE

ENT. DIGITAL

DIRECCION

1205.5 5

PARA
LOCAL

V4.2

/150.7

/158.3 MT>

-A120

DIRECCION SAL. DIGITAL

131/152.6 132/152.6

SOBRETEMPERATURA
MOTOR

ENT. DIGITAL

DIRECCION

1205.6 2

RESERVA

14

/158.3 CF

-A120

DIRECCION SAL. DIGITAL

131/152.6 132/152.6

AVERIA
CONVERTIDOR

ENT. DIGITAL

DIRECCION

1205.7 6

RESERVA

15

17

626.16E 008-156-4

SIPAR DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 2

Servicios auxiliares acabadora = 30BB.F02

+ 3062-D30-E3302

Hoja 156
158 Sigue

-A2
TABLERO CONVERTIDORES

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-H10

CZ011

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/156.2 SLF	2 FALTA LINEA EN SERIE	
/156.2 MT>	3	
/156.2 CF	4 FALTA CONVERTIDOR	
/156.2 MS	5 SECCIONADOR PRINCIPAL ABIERTO	
/154.2	6 FALTA VENTILADOR MOTOR	
	7	
	8	
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	12	
	13	
/150.7 OVD	16 0V	

626.16E-008-158-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
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1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME
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Modificacion	Fecha	Nombre	Norma	IEC	
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SIPAR

TRANSPORTADOR
DE CADENAS 2

Servicios auxiliares acabadora

=30BB.F02

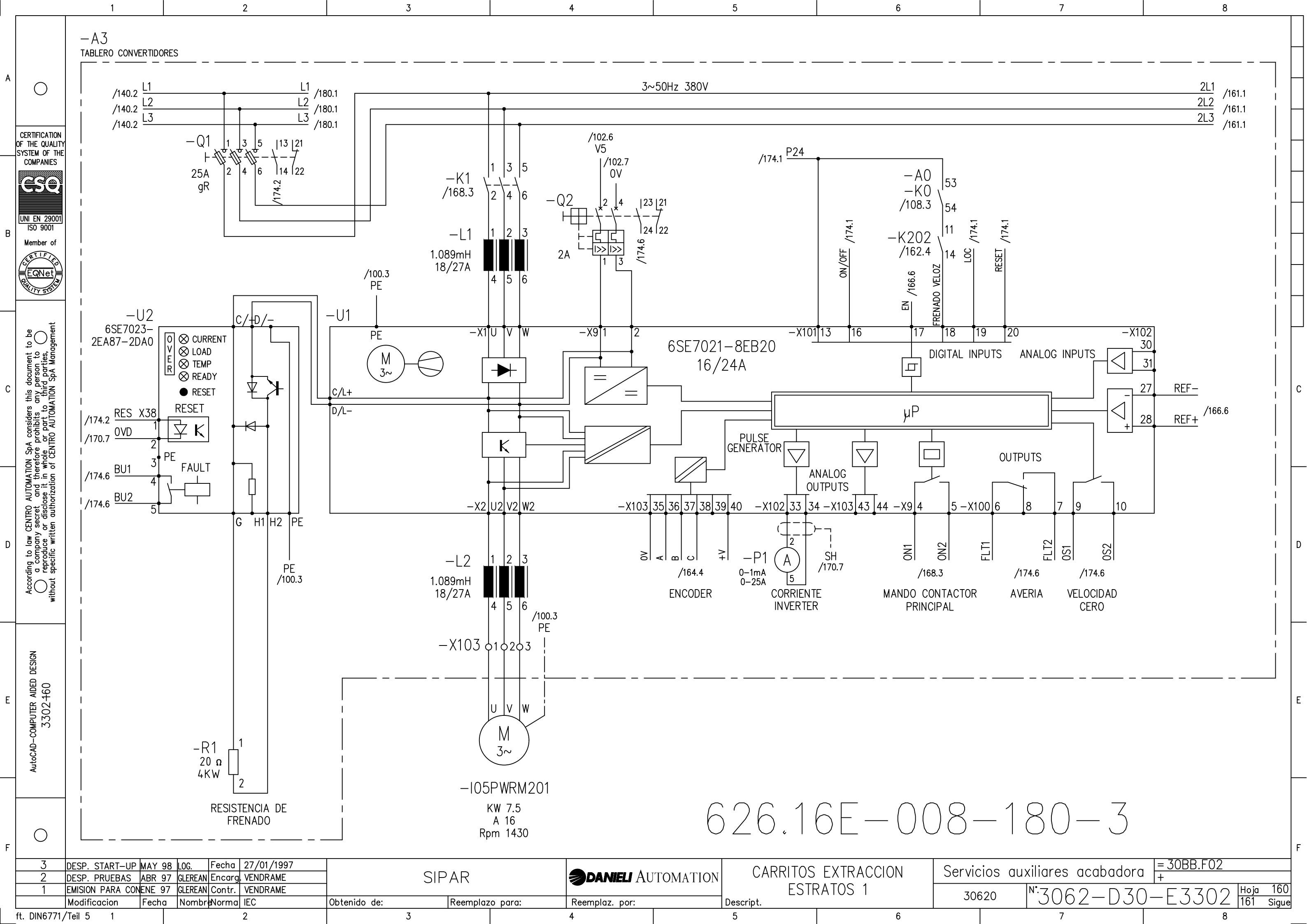
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30620 N°: 3062-D30-E3302

Hoja 158

160 Sigue

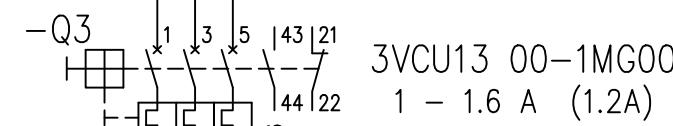
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TABLERO CONVERTIDORES

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-K2 /168.4 3TF4022-0AF0

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3.302.420

PE

-X103

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-I05PWRM201A

W 400

A 1.2

V 380

Rpm 1500

626.16E-008-161-3

F

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

SIPAR

DANIELI AUTOMATION

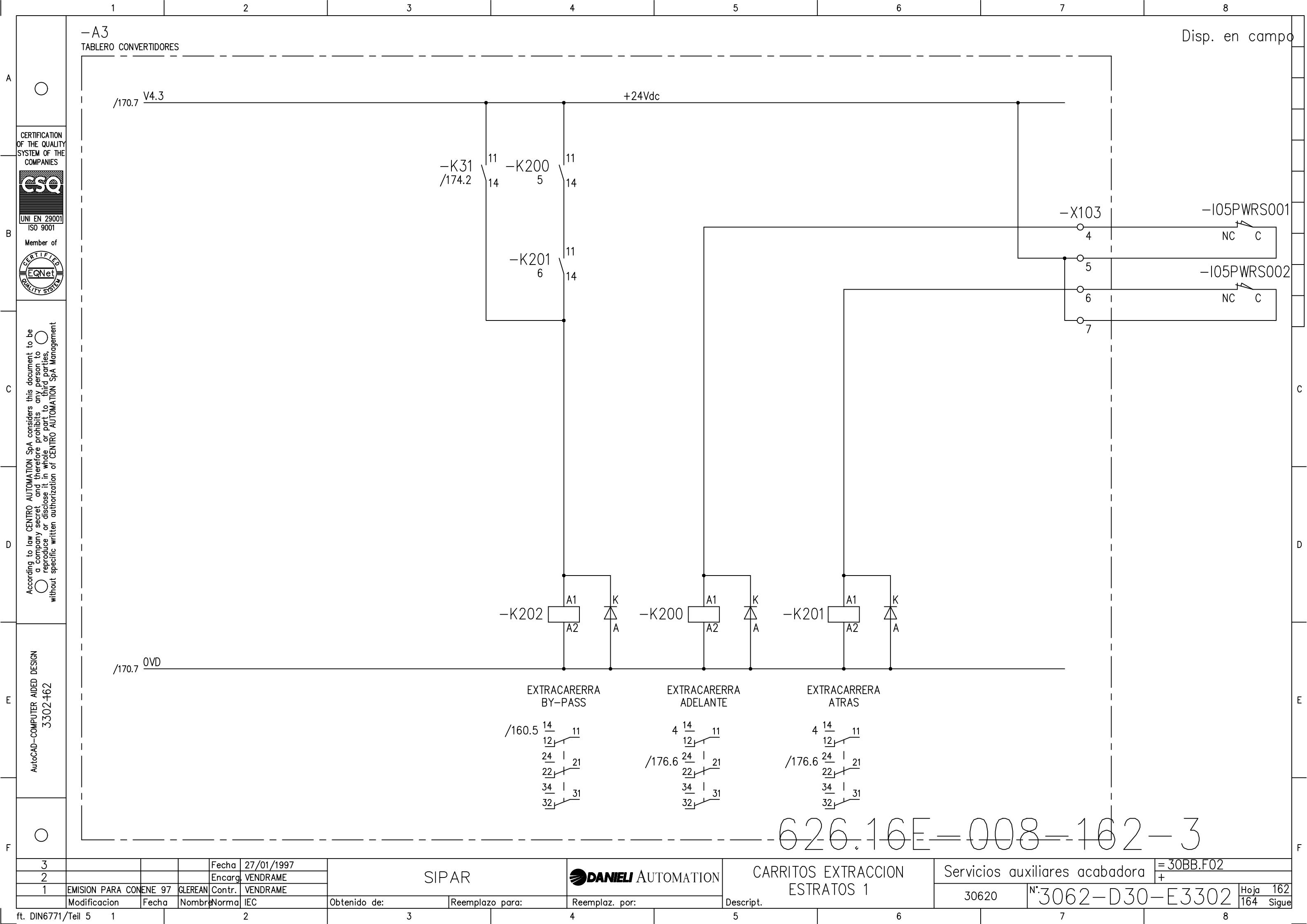
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ESTRATOS 1

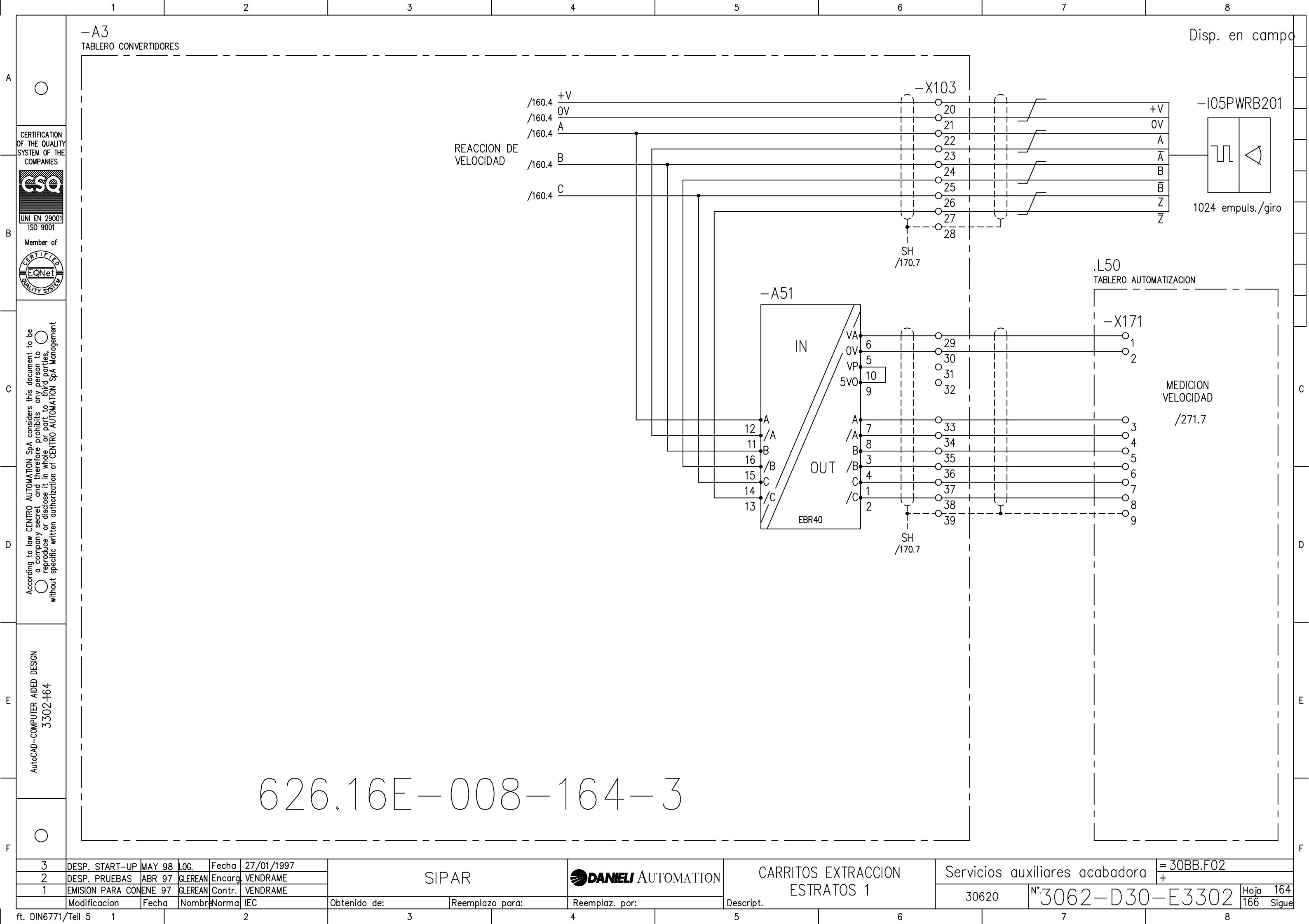
Servicios auxiliares acabadora = 30BB.F02

+ Hoja 161

30620 N° 3062-D30-E3302 Hoja 162

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-A3
TABLERO CONVERTIDORES

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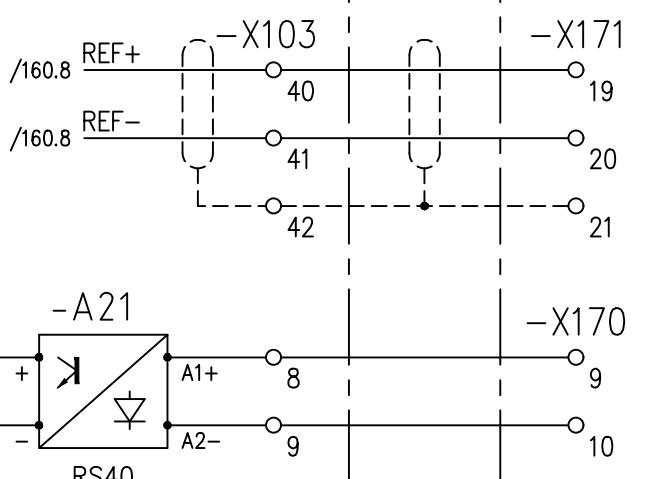


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3302466

626.16E-008-166-3

.L50
TABLERO AUTOMATIZACION



REFERENCIA
DE VELOCIDAD
10V
/277.6

APROBACION
MARCHA
/277.6

RED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

- VELOCIDAD CERO
- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD
- EXTRACARRERA ADELANTE
- EXTRACARRERA ATRAS

RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR

- PRESET ON
- PRESET OFF
- EXTRACARRERA BY-PASS

3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 1	Servicios auxiliares acabadora		= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302	Hoja 166
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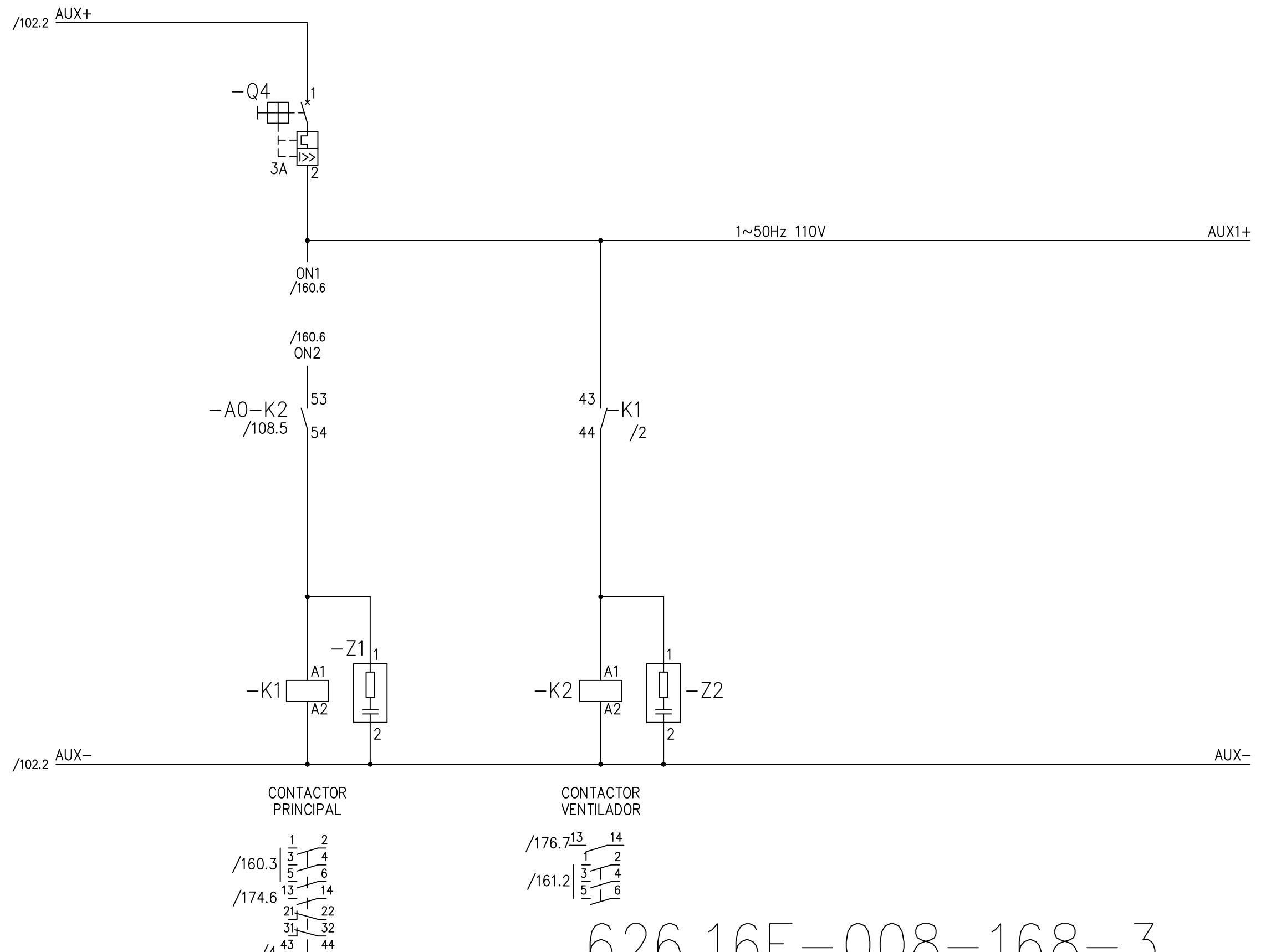
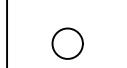
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3.302-468



626.16E-008-168-3

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1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					3062-D30-E3302	170 Sigue
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-A3 TABLERO CONVERTIDORES

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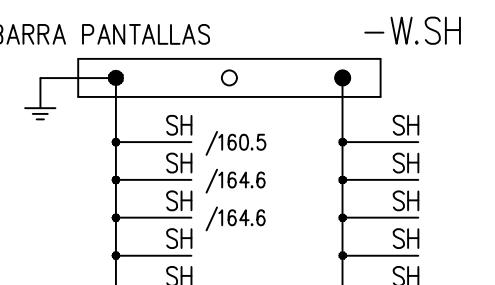
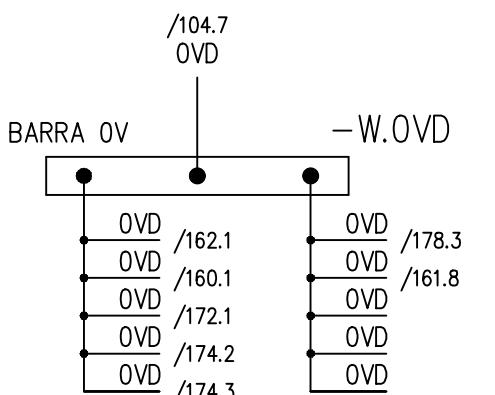
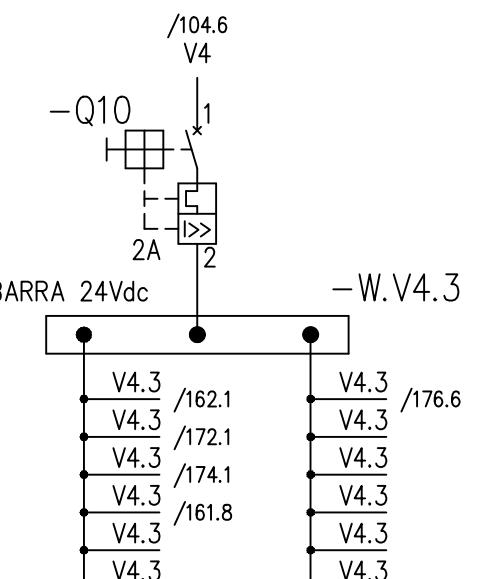


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626.16E-008-170-3

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1	EMISION PARA CON	JENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 170
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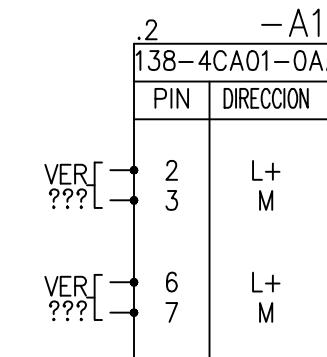
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2	I209.2	/176.5
5	I209.1	/176.5
6	I209.3	/176.5

.6 -A125
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I209.4	/176.5
2	I209.6	/176.5
5	I209.5	/176.5
6	I209.7	/176.5

.3 -A126
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q210.0	/174.3
2	Q210.2	/174.3
5	Q210.1	/174.3
6	Q210.3	/174.3

.4 -A127
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q210.4	/174.3
2	Q210.6	/174.3
5	Q210.5	/174.3
6	Q210.7	/174.3

.5 -A128
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q211.0	/176.3
2	Q211.2	/176.3
5	Q211.1	/176.3
6	Q211.3	/176.3

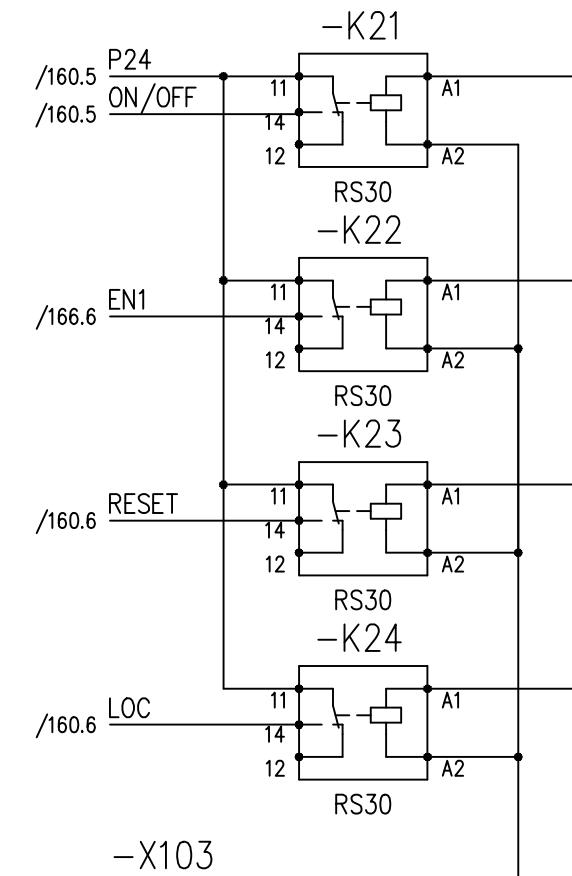
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6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q211.4	/176.3
2	Q211.6	/176.3
5	Q211.5	/176.3
6	Q211.7	/176.3

626.16E-008-172-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 1	Servicios auxiliares acabadora	=30BB.F02
1	EMISION PARA CON	ENE 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
	Modificacion	Fecha	Nombr	Norma	IEC				Nº 3062-D30-E3302	Hoja 172
	Obtenido de:		Reemplazo para:		Reemplaz. por:					Sigue 174
						Descript.				

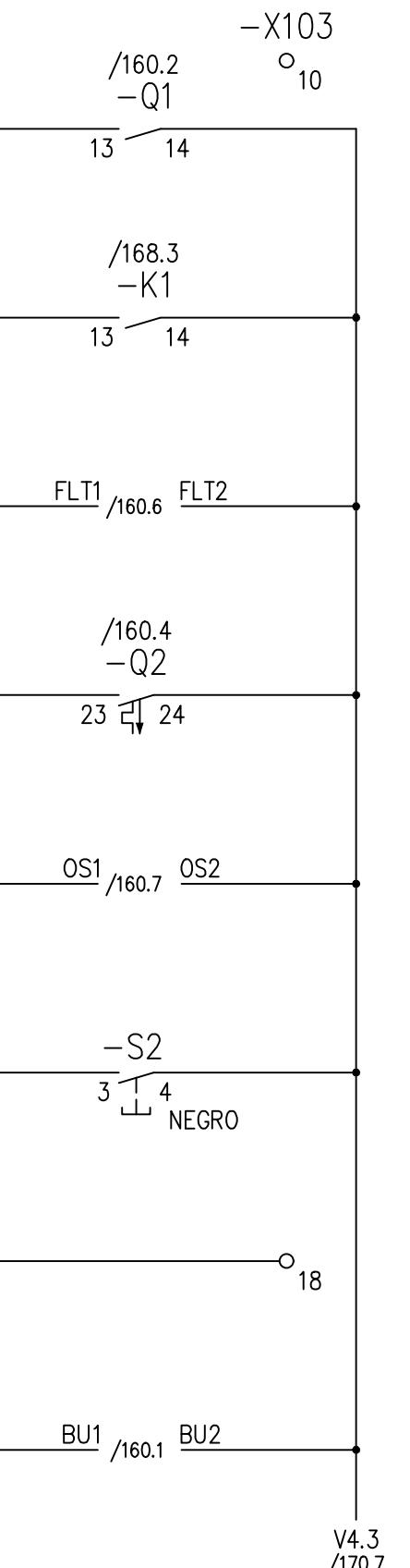
-A3
TABLERO CONVERTIDORES



-A91
PLC

A126	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A122
Q210.0	132/172.3	131/172.3	I208.0	1	
PRESET					
ON/OFF					
A126	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A122
Q210.1	132/172.3	131/172.3	I208.1	5	
ACTIVA					
RS30					
A126	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A122
Q210.2	132/172.3	131/172.3	I208.2	2	
RESET					
RS30					
A126	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A122
Q210.3	132/172.3	131/172.3	I208.3	6	
LOCAL					
RS30					
A127	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A123
Q210.4	132/172.4	131/172.4	I208.4	1	
LAMPARA FALTA					
VENTILADOR MOTOR					
A127	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A123
Q210.5	132/172.4	131/172.4	I208.5	5	
EXTRACARRERA					
BY-PASS					
A127	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A123
Q210.6	132/172.4	131/172.4	I208.6	2	
RESET					
GRUPO DE					
FRENADO					
A127	DIRECCION	SAL. DIGITAL	ENT. DIGITAL	DIRECCION	-A123
Q210.7	132/172.4	131/172.4	I208.7	6	
AVERIA					

-A3
TABLERO CONVERTIDORES



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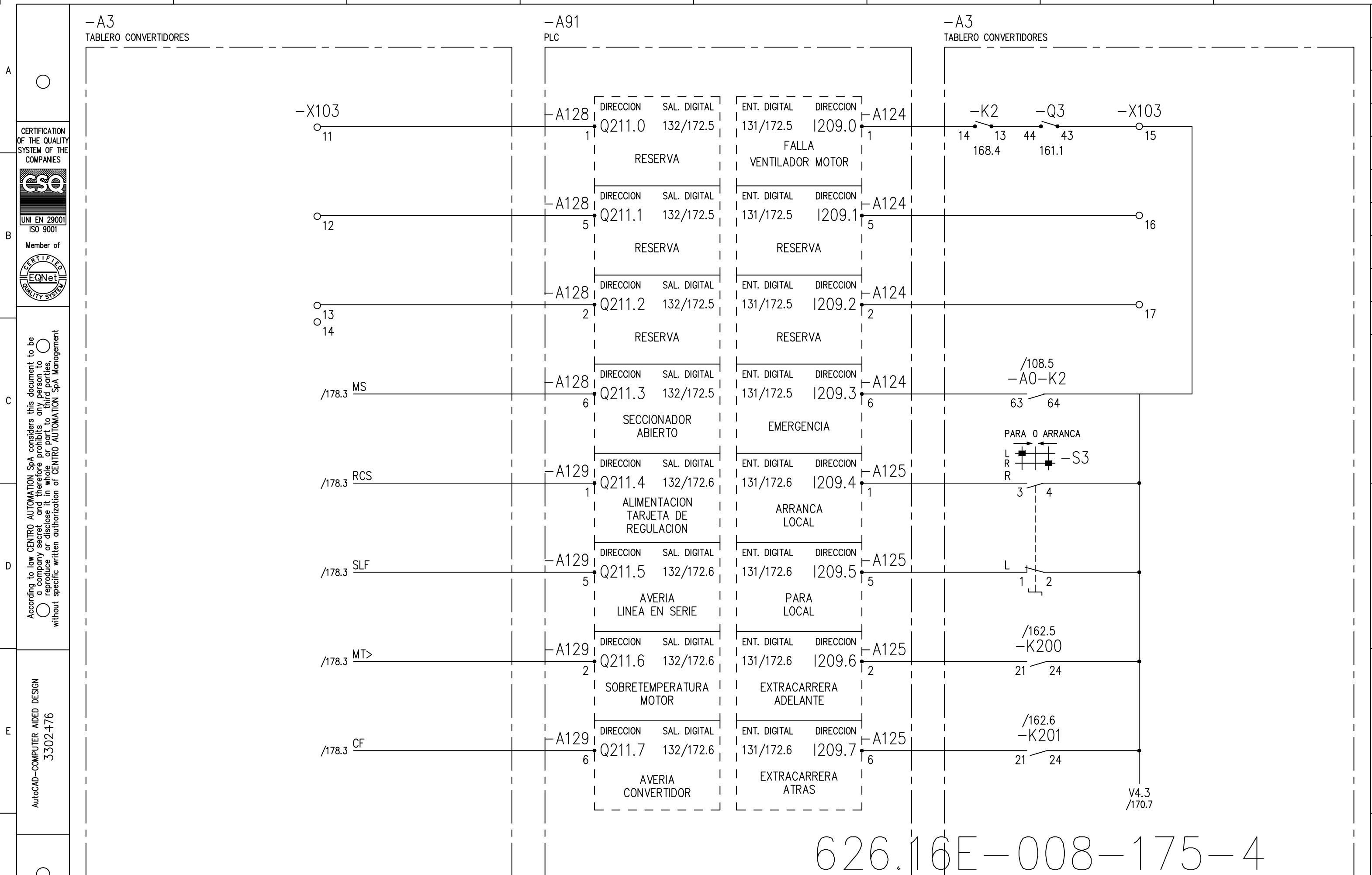
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CERTIFIED
EQNet
QUALITY SYSTEM

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AutoCAD-COMPUTER AIDED DESIGN
3.302474

/170.7 OVD
RES
x1 x2
ROJO

626.16E-008-174-4



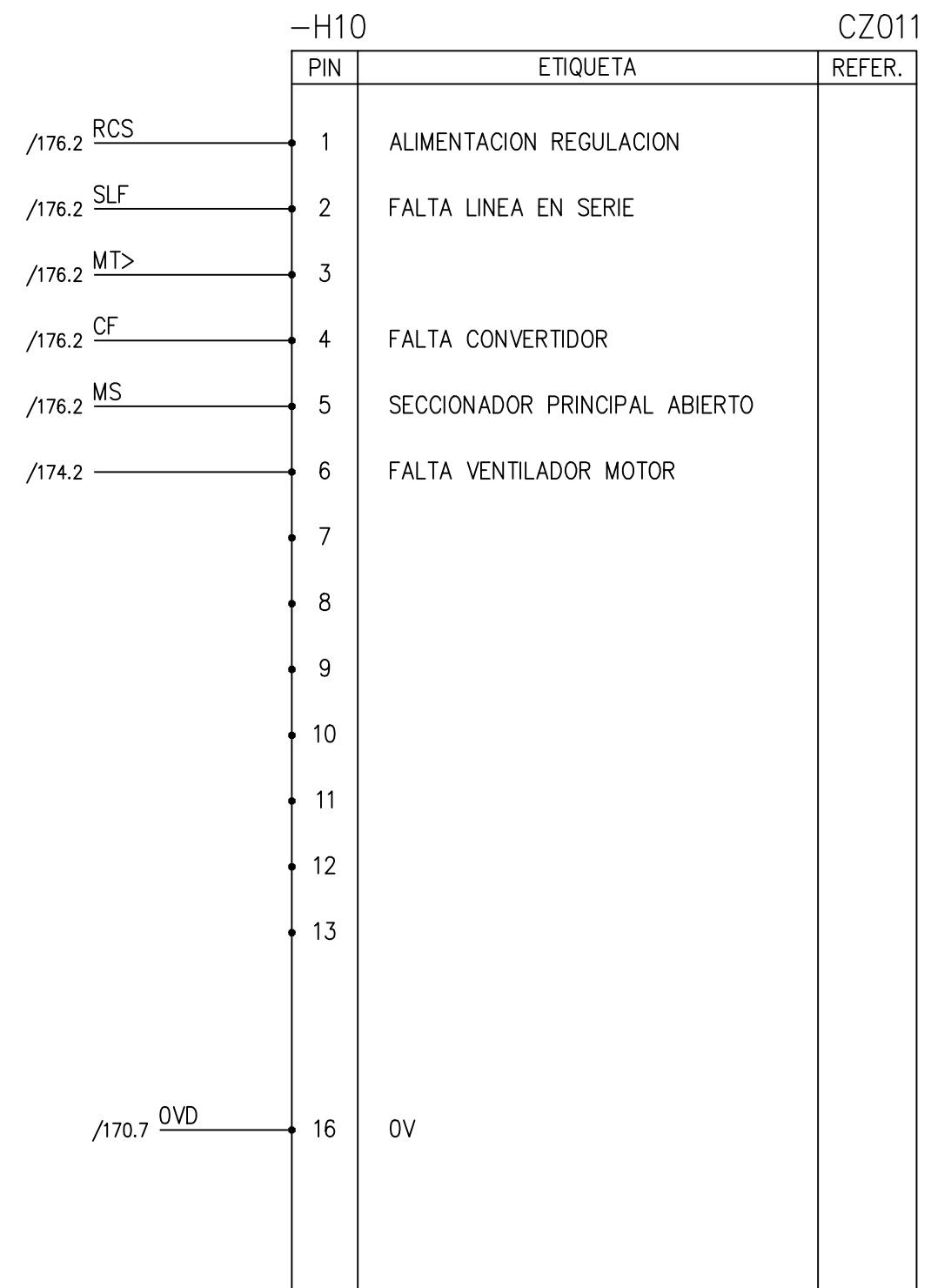
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 1	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
2	DESP. PRUEBAS	ABR 97	GLELEAN	Contr.	VENDRAME				3062-D30-E3302	Hoja 176
	Modificacion	Fecha	Nombre	Norma	IEC					178 Sigue
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8		

-A3
TABLERO CONVERTIDORESCERTIFICATION
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AutoCAD-COMPUTER AIDED DESIGN
3302478

626.16E-008-178-3

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CON ENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

SIPAR

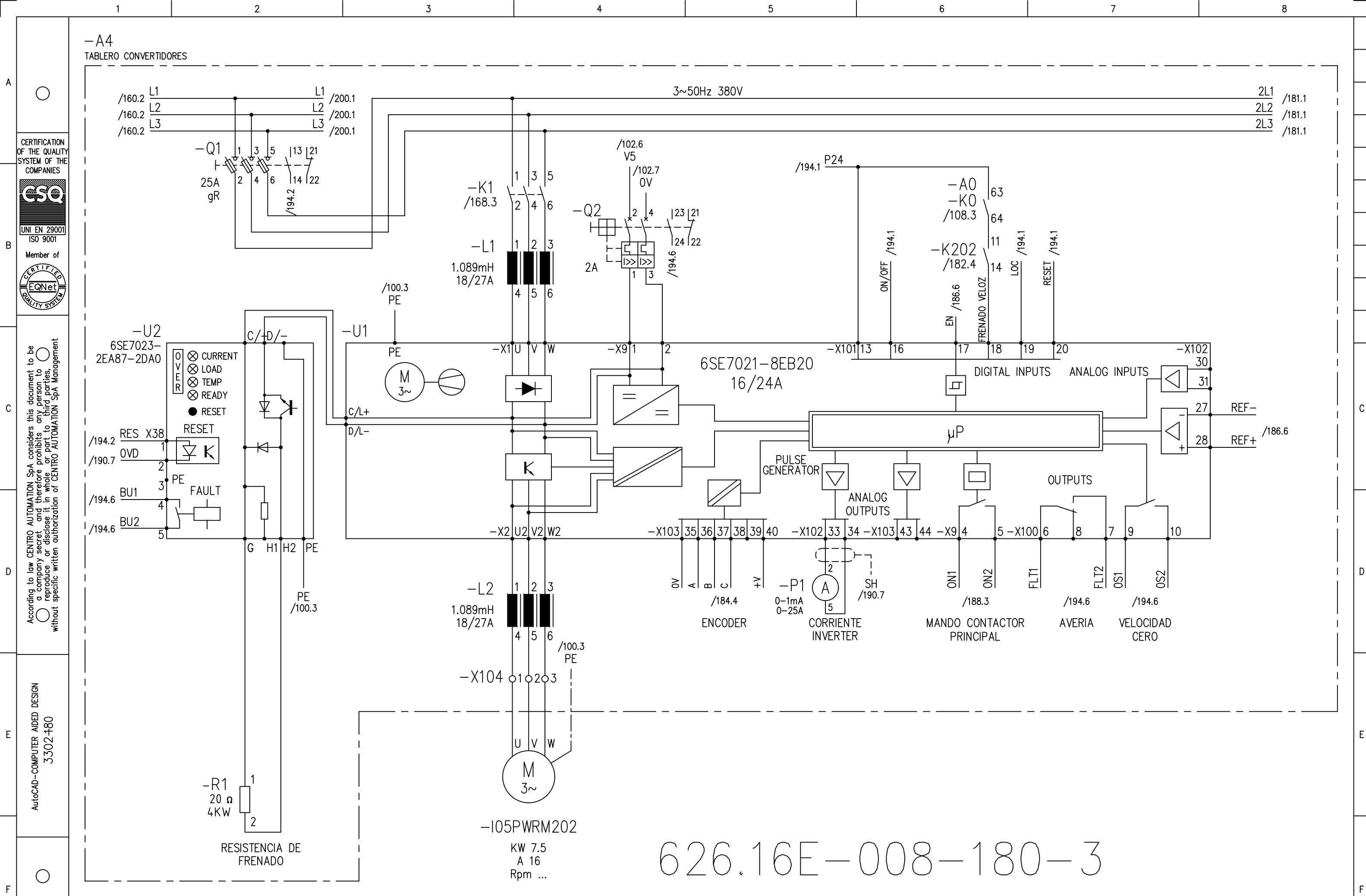
DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 1

Servicios auxiliares acabadora = 30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 178

180 Sigue



626.16E-008-180-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	Servicios auxiliares acabadora		=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+		
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME						
	Modificacion	Fecha	Nombre	Norma	IEC				30620	Nº 3062-D30-E3302	Hoja 180 181 Sigue
ft. DIN6771 / Teil 5		1	2		3	4		5	6	7	8

-A4

TABLERO CONVERTIDORES

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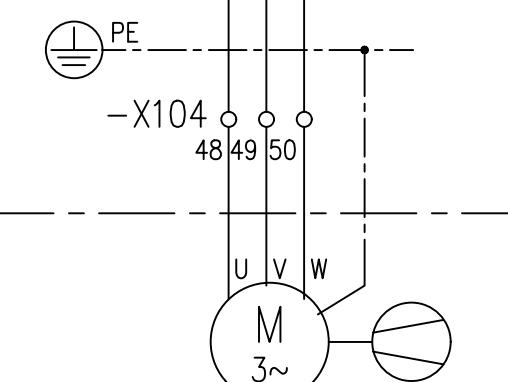
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AutoCAD-COMPUTER AIDED DESIGN
3.302 420

/180.8 L1
 /180.8 L2
 /180.8 L3

-Q3
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 1 - 1.6 A (1.2A)

-K2
 /188.4
 3TF4022-0AF0



-I05PWRM202A

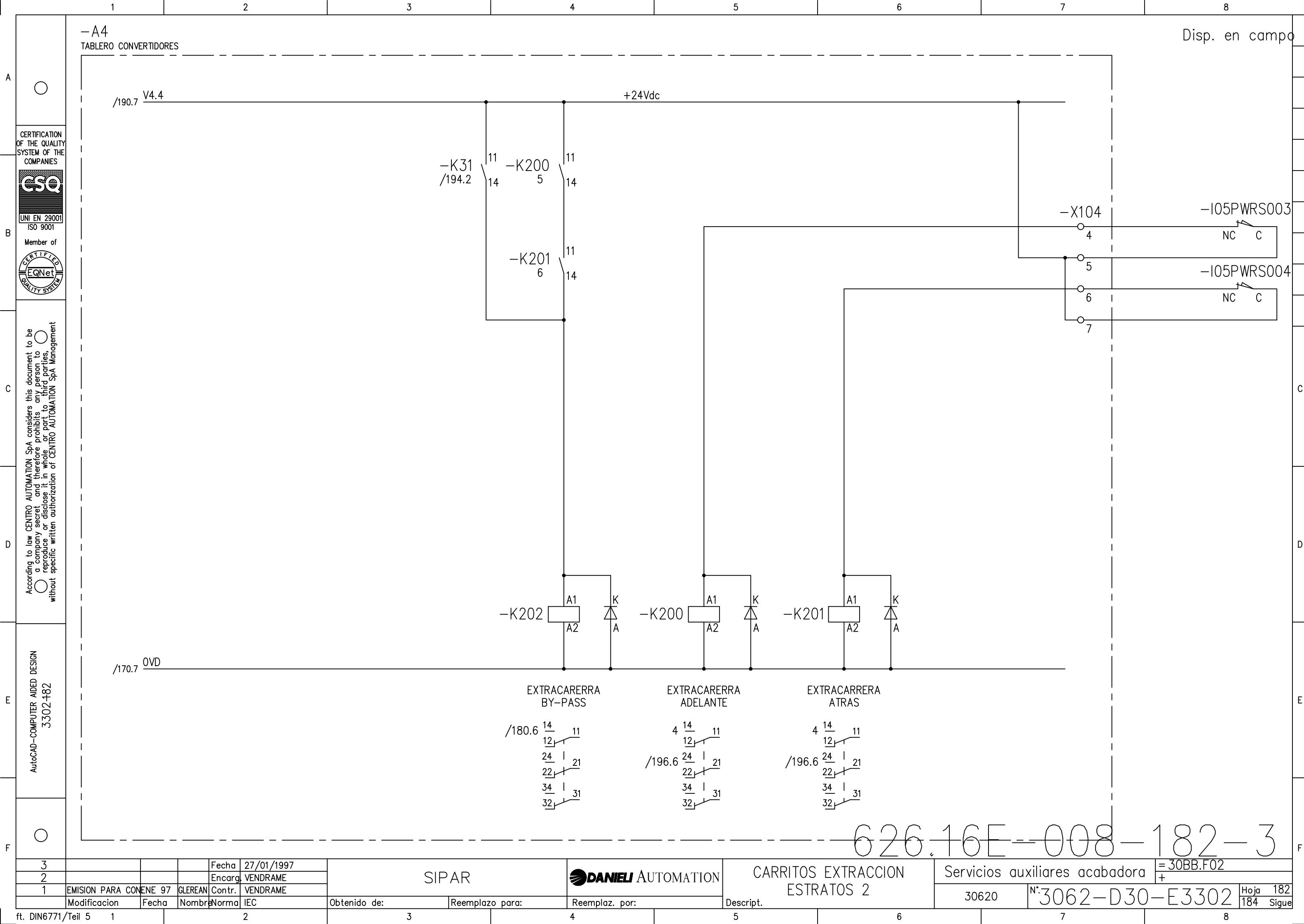
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 A 1.2
 V 380
 Rpm 1500

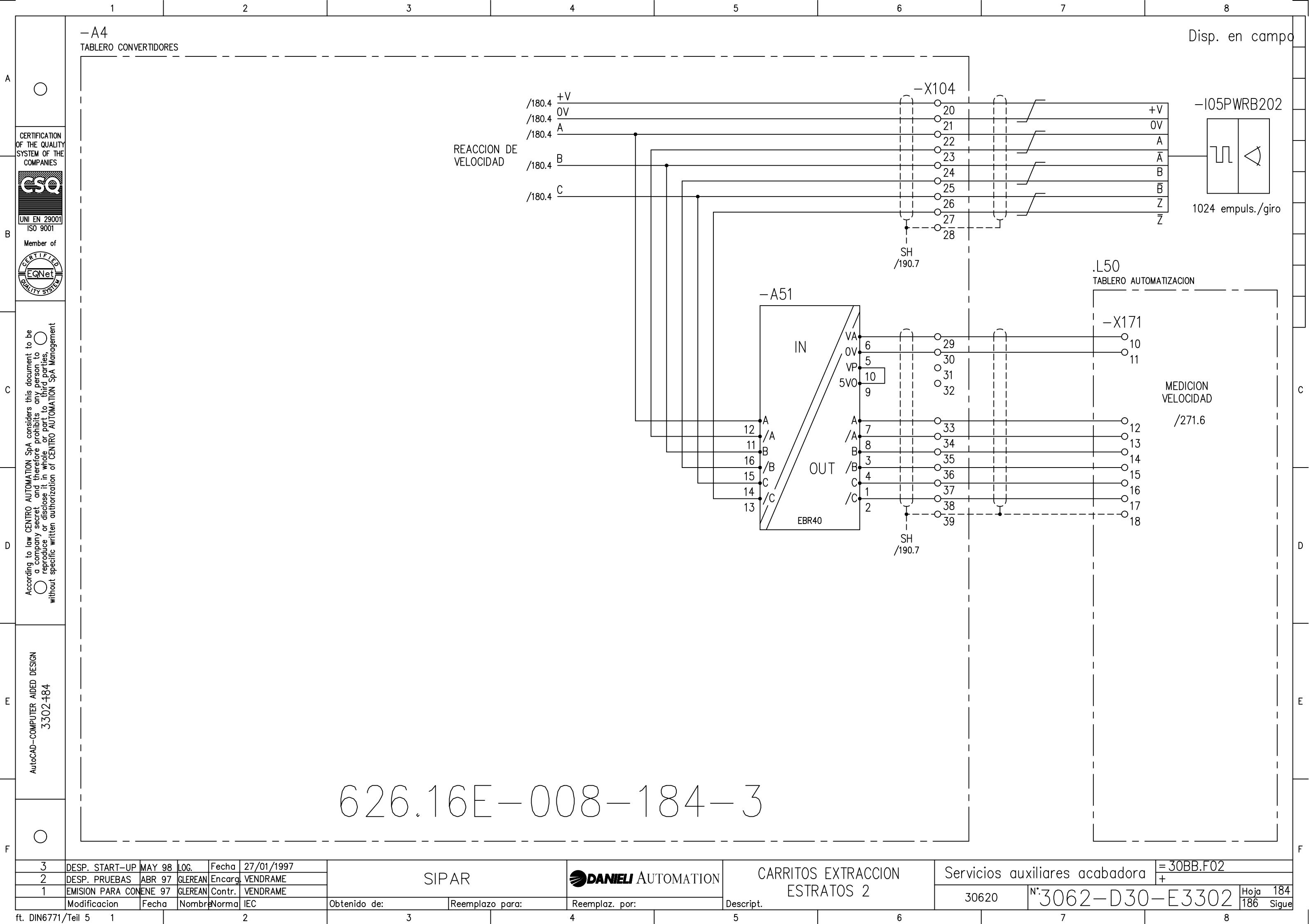
626.16E-008-181-3

DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 2Servicios auxiliares acabadora
+
30620 N° 3062-D30-E3302Hoja 181
182 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					N° 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.





-A4
TABLERO CONVERTIDORES

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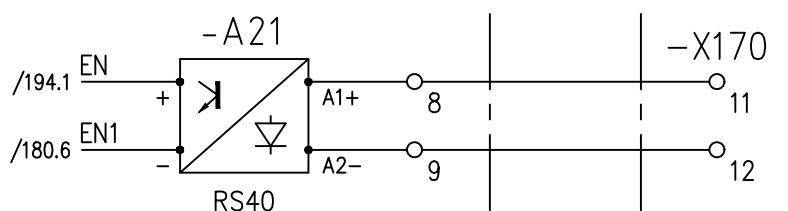
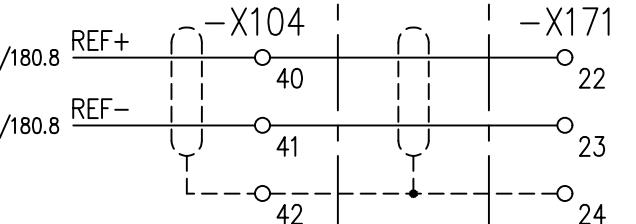
Member of



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3.302.486

626.16E-008-186-3



REFERENCIA
DE VELOCIDAD
±10V
/277.6

APROBACION
MARCHA
/277.6

RED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

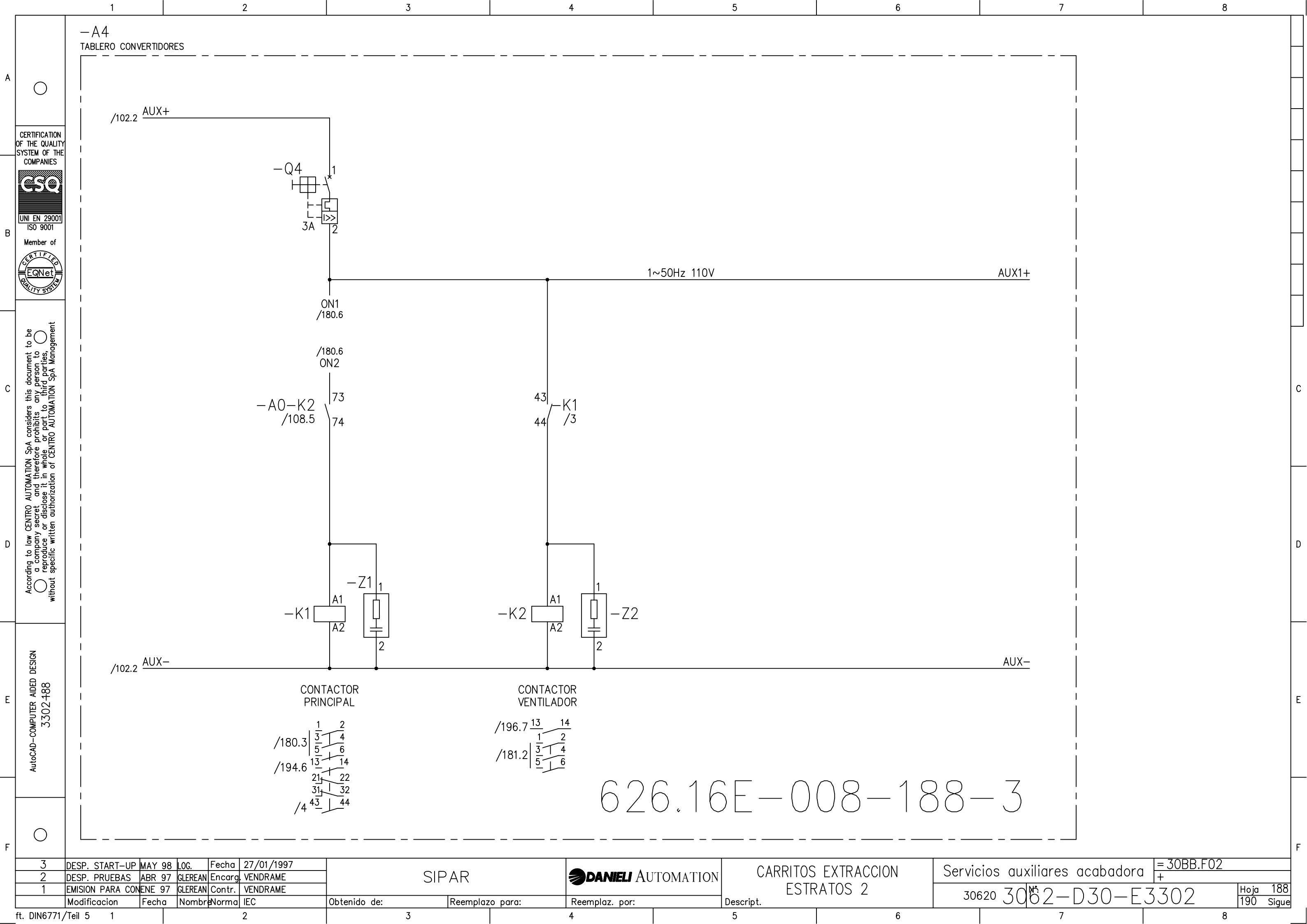
- VELOCIDAD CERO
- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD
- EXTRACARRERA ADELANTE
- EXTRACARRERA ATRAS

RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR

- PRESET ON
- PRESET OFF
- EXTRACARRERA BY-PASS

3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 186 188 Sigue

Modificacion Fecha Nombre Norma IEC Obtenido de: Reemplazo para: Reemplaz. por: Descript.

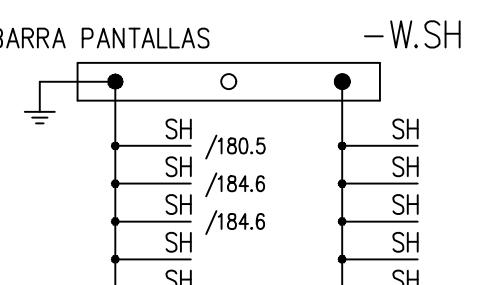
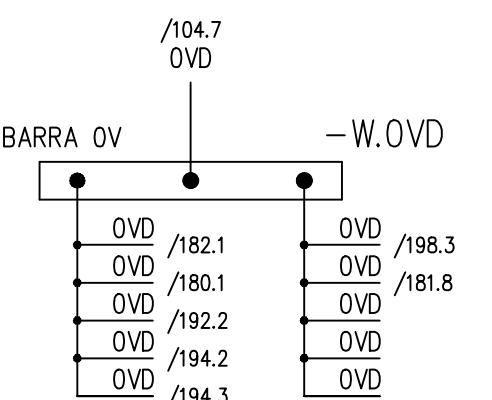
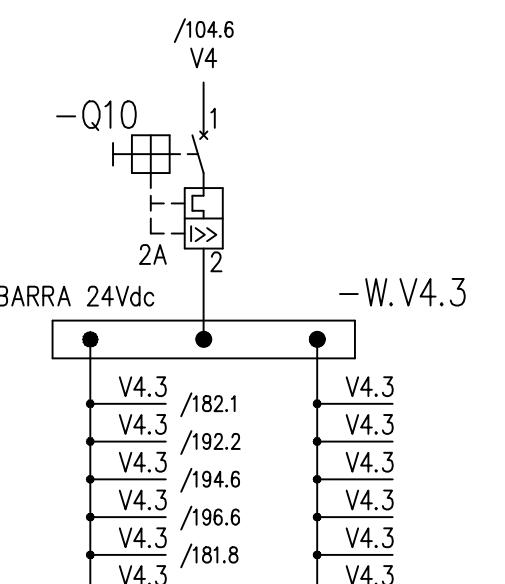


-A4
TABLERO CONVERTIDORES

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3302490

O



626.16E-008-190-3

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME
	Modificacion	Fecha	Nombre	Norma	IEC

Obtenido de:	Reemplazo para:	Reemplaz. por:
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SIPAR

DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 2

Descript.

Servicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 190
192 Sigue

-A91

PLC

CERTIFICATION
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COMPANIES

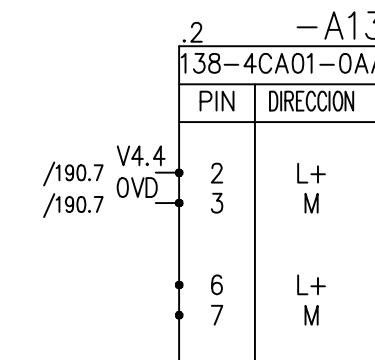
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3302-492

.3 -A131
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2	I212.6 /194.5	

.4 -A132
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
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2	I212.6 /194.5	

.5 -A133
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I213.0 /196.5	
2	I213.2 /196.5	

.6 -A134
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I213.4 /196.5	
2	I213.6 /196.5	

.3 -A135
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q214.0 /194.3	
2	Q214.2 /194.3	

.4 -A136
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q214.4 /194.3	
2	Q214.6 /194.3	

.5 -A137
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q215.2 /196.3	

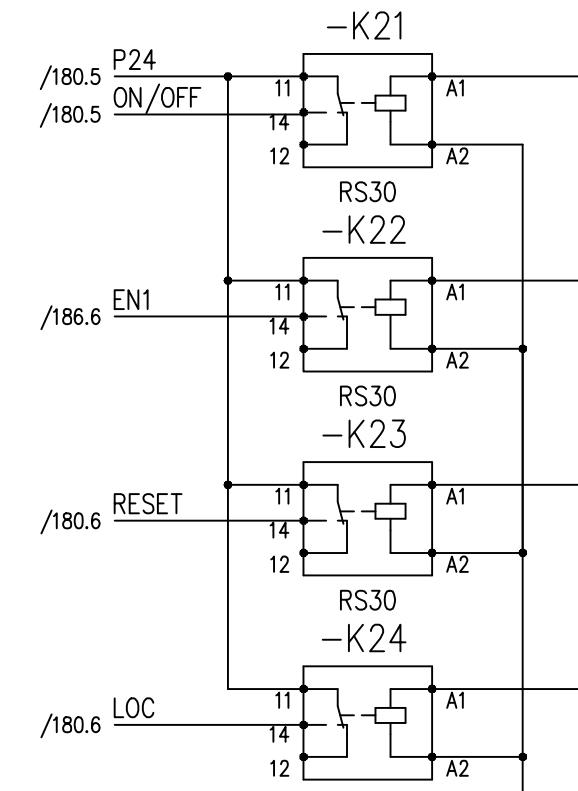
.6 -A138
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q215.4 /196.3	
2	Q215.6 /196.3	

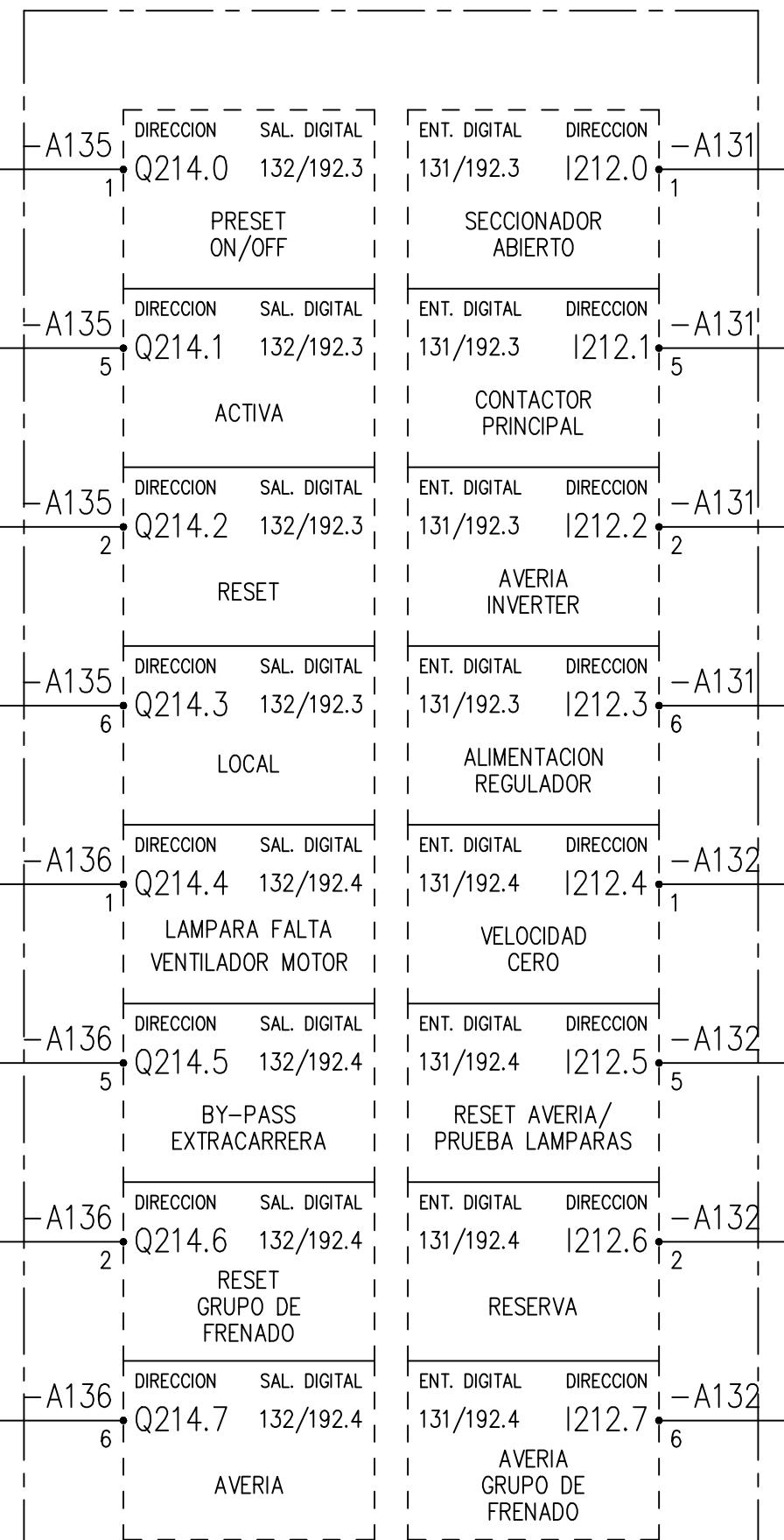
626.16E-008-192-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	Servicios auxiliares acabadora	=30BB.F02
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+30620	
	Modificacion	Fecha	Nombr	Norma	IEC				Nº 3062-D30-E3302	Hoja 192
						Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Foto 194 Sigue

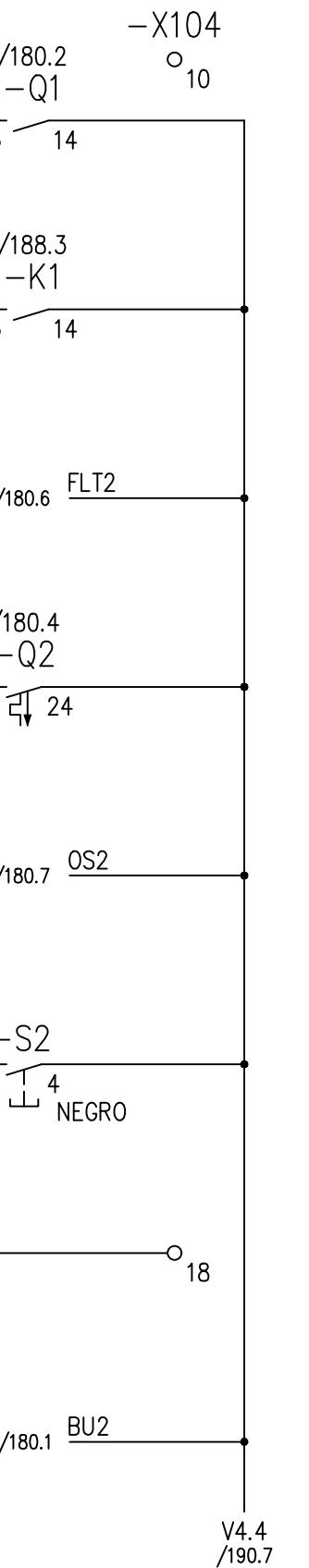
-A4
TABLERO CONVERTIDORES



-A91



-A4
TABLERO CONVERTIDORES



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3302494



-A4
TABLERO CONVERTIDORES

-A91

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AutoCAD-COMPUTER AIDED DESIGN
3.302-496

-X104

11

-A137

1

DIRECCION

Q215.0

132/192.3

SAL. DIGITAL

RESERVA

ENT. DIGITAL

131/192.5

FALTA

DIRECCION

A133

VENTILADOR MOTOR

12

-A137

5

DIRECCION

Q215.1

132/192.3

SAL. DIGITAL

RESERVA

ENT. DIGITAL

131/192.5

RESERVA

DIRECCION

A133

13

-A137

2

DIRECCION

Q215.2

132/192.3

SAL. DIGITAL

RESERVA

ENT. DIGITAL

131/192.5

RESERVA

DIRECCION

A133

14

/198.3 MS

-A137

6

DIRECCION

Q215.3

132/192.3

SAL. DIGITAL

SECCIONADOR
ABIERTO

ENT. DIGITAL

131/192.5

EMERGENCIA

DIRECCION

A133

/198.3 RCS

-A138

1

DIRECCION

Q215.4

132/192.4

SAL. DIGITAL

ALIMENTACION
TARJETA DE
REGULACION

ENT. DIGITAL

131/192.6

ARRANCA
LOCAL

DIRECCION

A134

/198.3 SLF

-A138

5

DIRECCION

Q215.5

132/192.4

SAL. DIGITAL

AVERIA
LINEA EN SERIE

ENT. DIGITAL

131/192.6

PARA
LOCAL

DIRECCION

A134

/198.3 MT>

-A138

2

DIRECCION

Q215.6

132/192.4

SAL. DIGITAL

SOBRETEMPERATURA
MOTOR
(PREDISPONICION)

ENT. DIGITAL

131/192.6

EXTRACARRERA
ADELANTE

DIRECCION

A134

/198.3 CF

-A138

6

DIRECCION

Q215.7

132/192.4

SAL. DIGITAL

AVERIA
CONVERTIDOR

ENT. DIGITAL

131/192.6

EXTRACARRERA
ATRAS

DIRECCION

A134

-Q3

43

181.2

K2

14

188.4

15

16

17

/108.5
-A0-K2

83

84

PARA 0 ARRANCA
S3

21

24

K200

21

24

K201

V4.4

/190.7

626.1 6E-008-196-4

SIPAR

DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 2

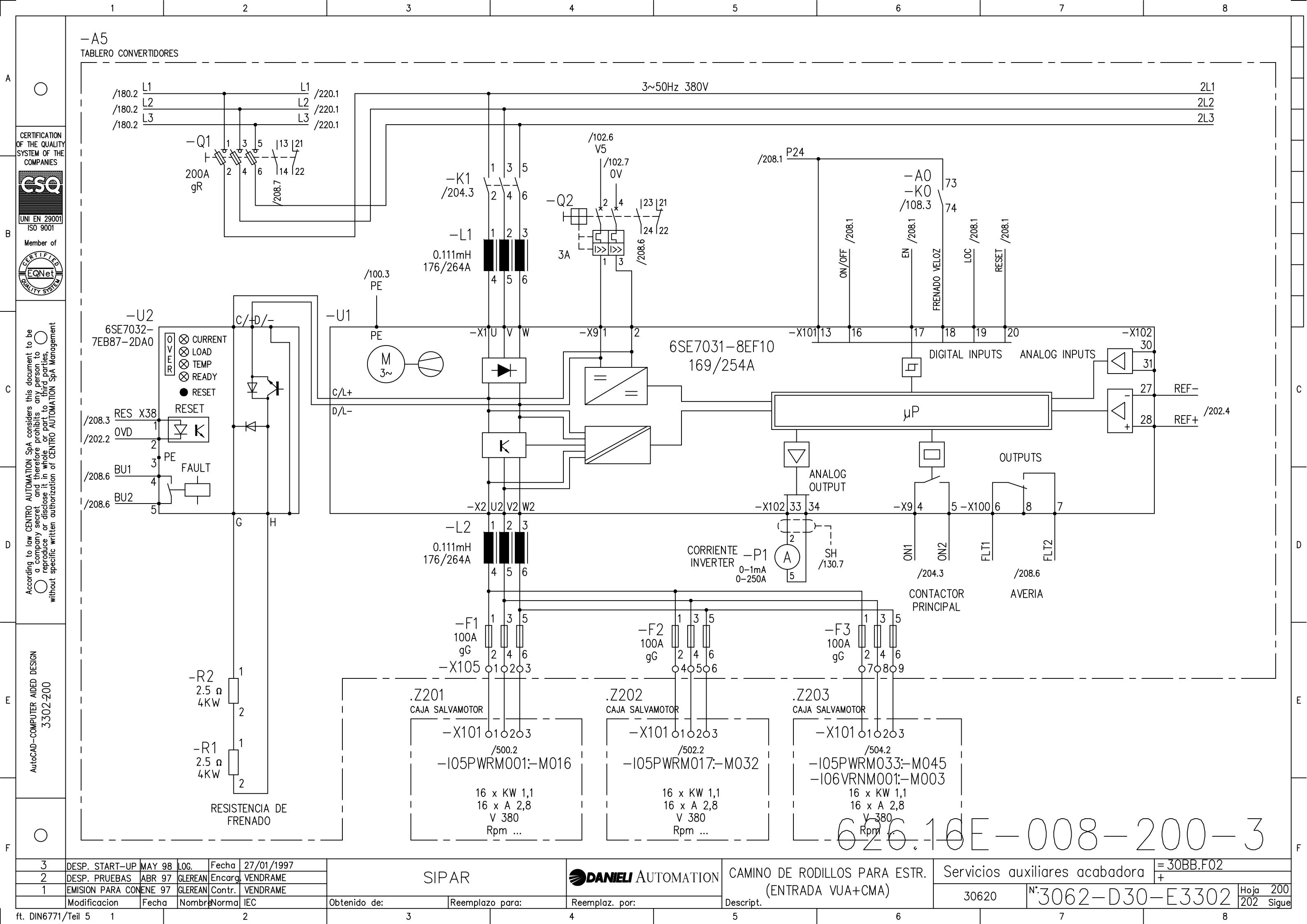
Servicios auxiliares acabadora

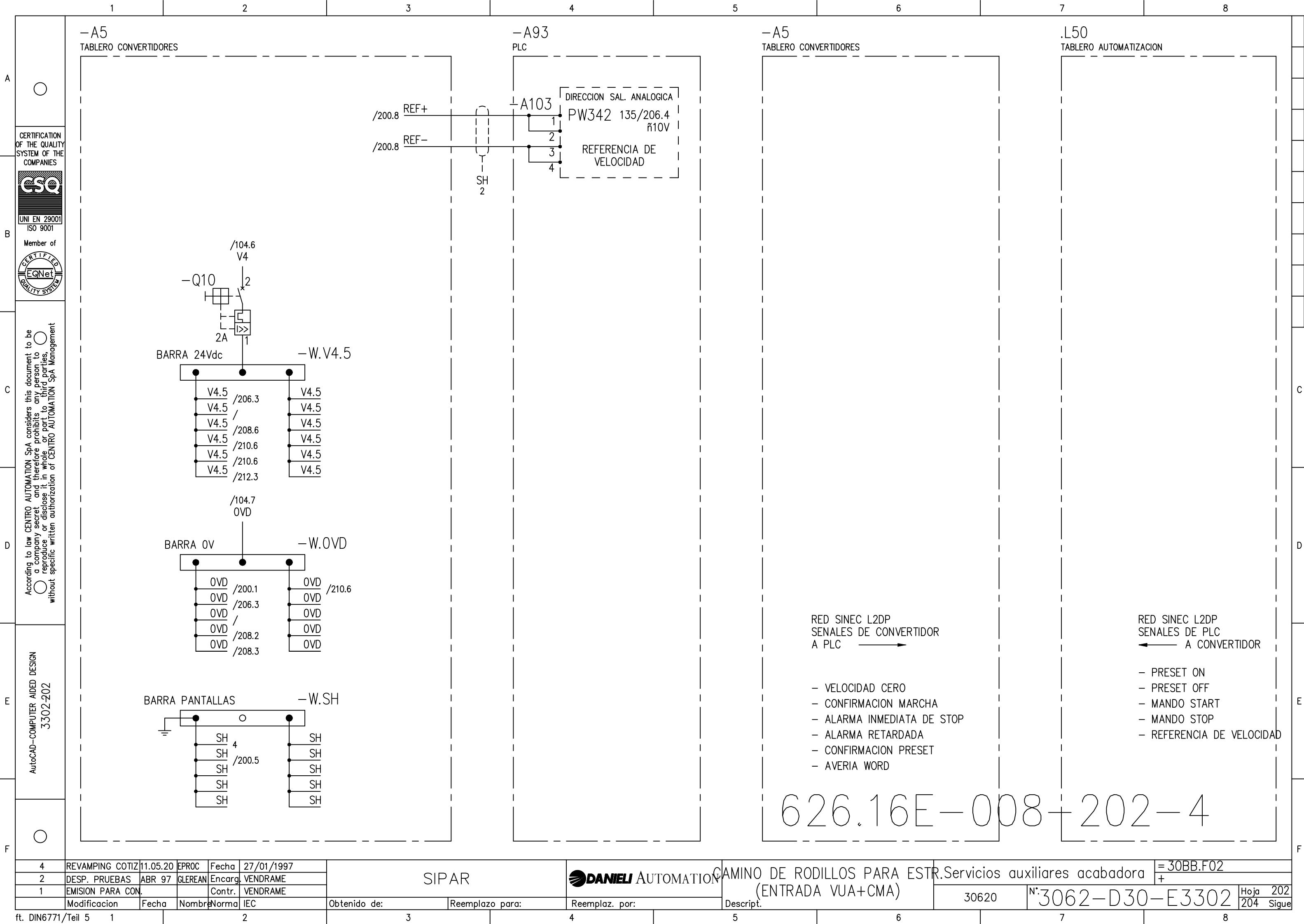
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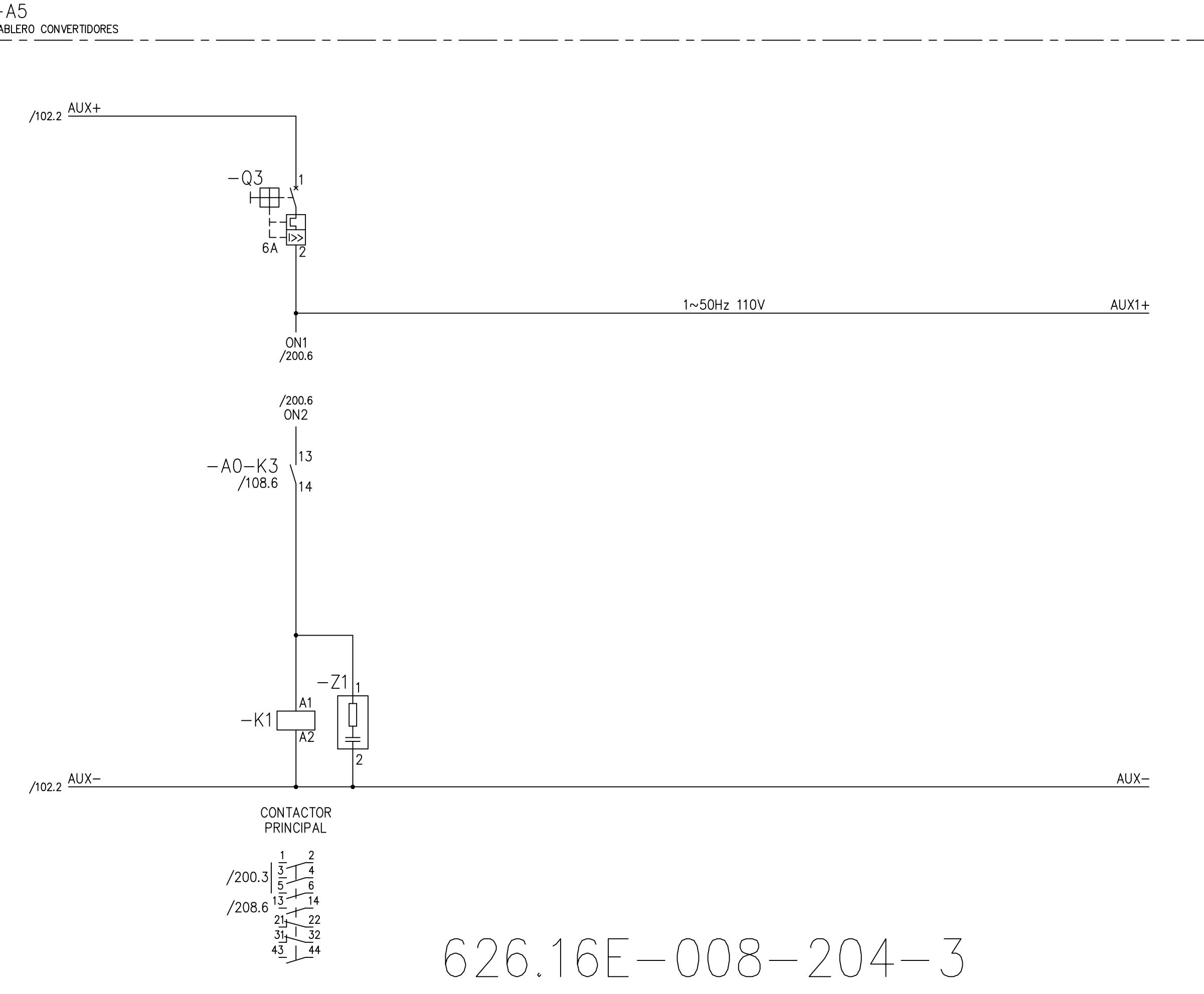
+
3062-D30-E3302

Hoja 196

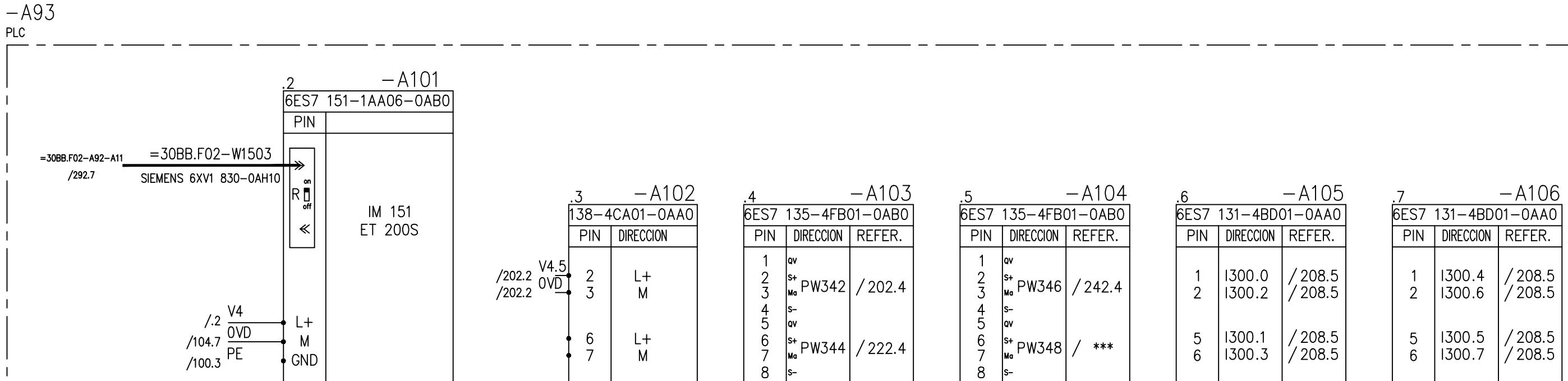
198 Sigue







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1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302 Hoja 204 206 Sigue						
	Modificacion	Fecha	Nombre	Norma	IEC										
ft. DIN6771 / Teil 5	1		2		3		4		5		6		7		8



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2	I301.2	/ 210.5
5	I301.1	/ 210.5
6	I301.3	/ 210.5

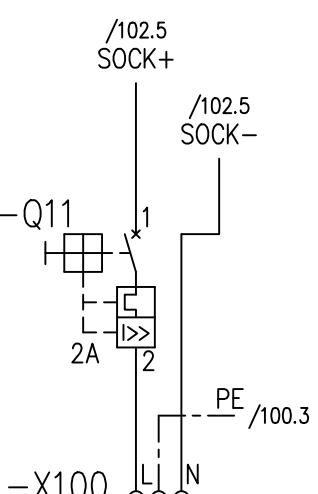
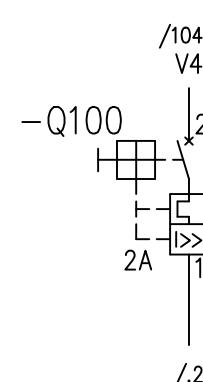
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PIN	DIRECCION	REFER.
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2	I301.6	/ 210.5
5	I301.5	/ 210.5
6	I301.7	/ 210.5

-A109 6ES7 132-4BD02-0AA0		
PIN	DIRECCION	REFER.
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2	Q302.2	/ 208.4
5	Q302.1	/ 208.4
6	Q302.3	/ 208.4

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2	Q302.6	/ 208.4
5	Q302.5	/ 208.4
6	Q302.7	/ 208.4

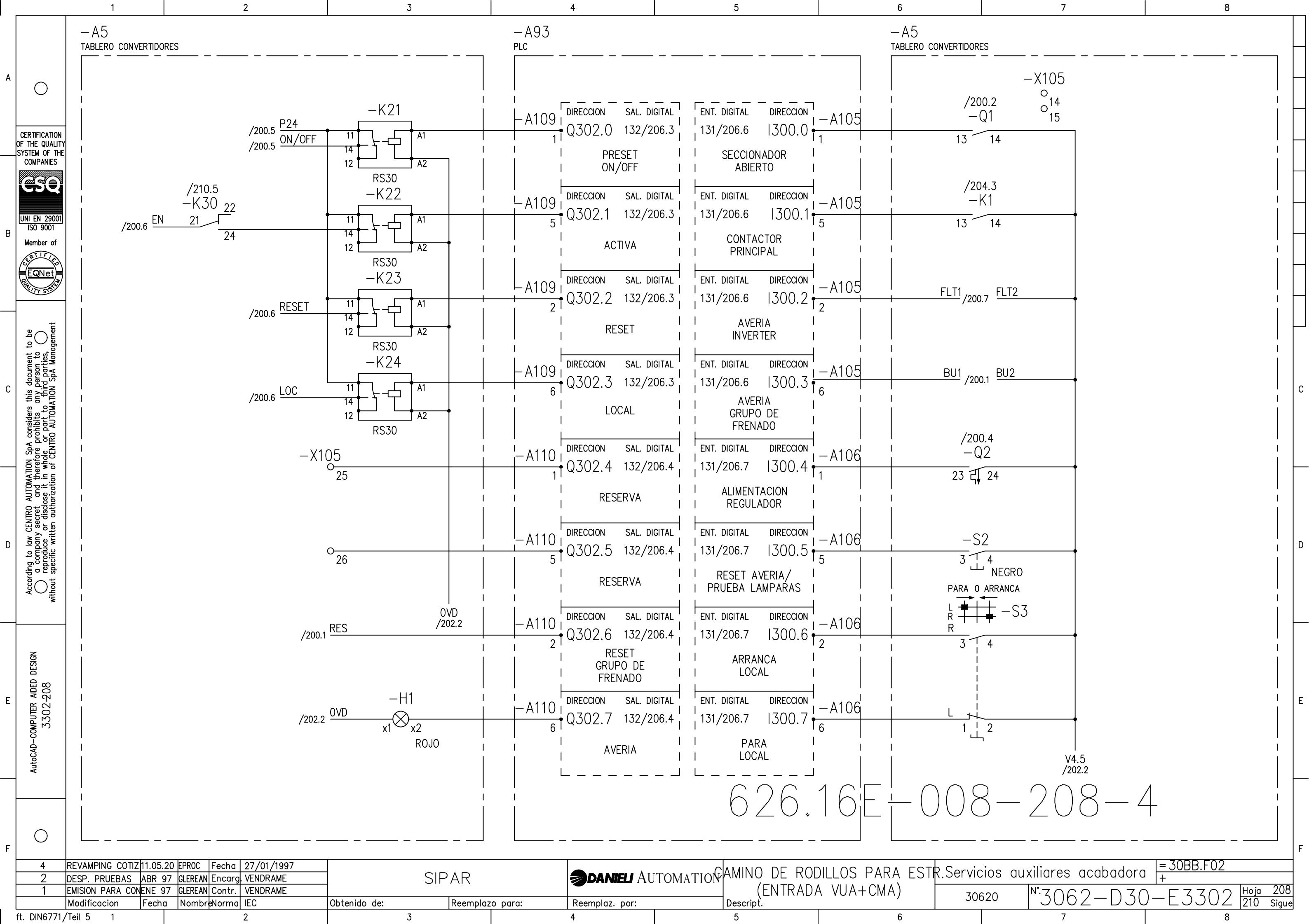
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PIN	DIRECCION	REFER.
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2	Q303.2	/ 210.4
5	Q303.1	/ 210.4
6	Q303.3	/ 210.4

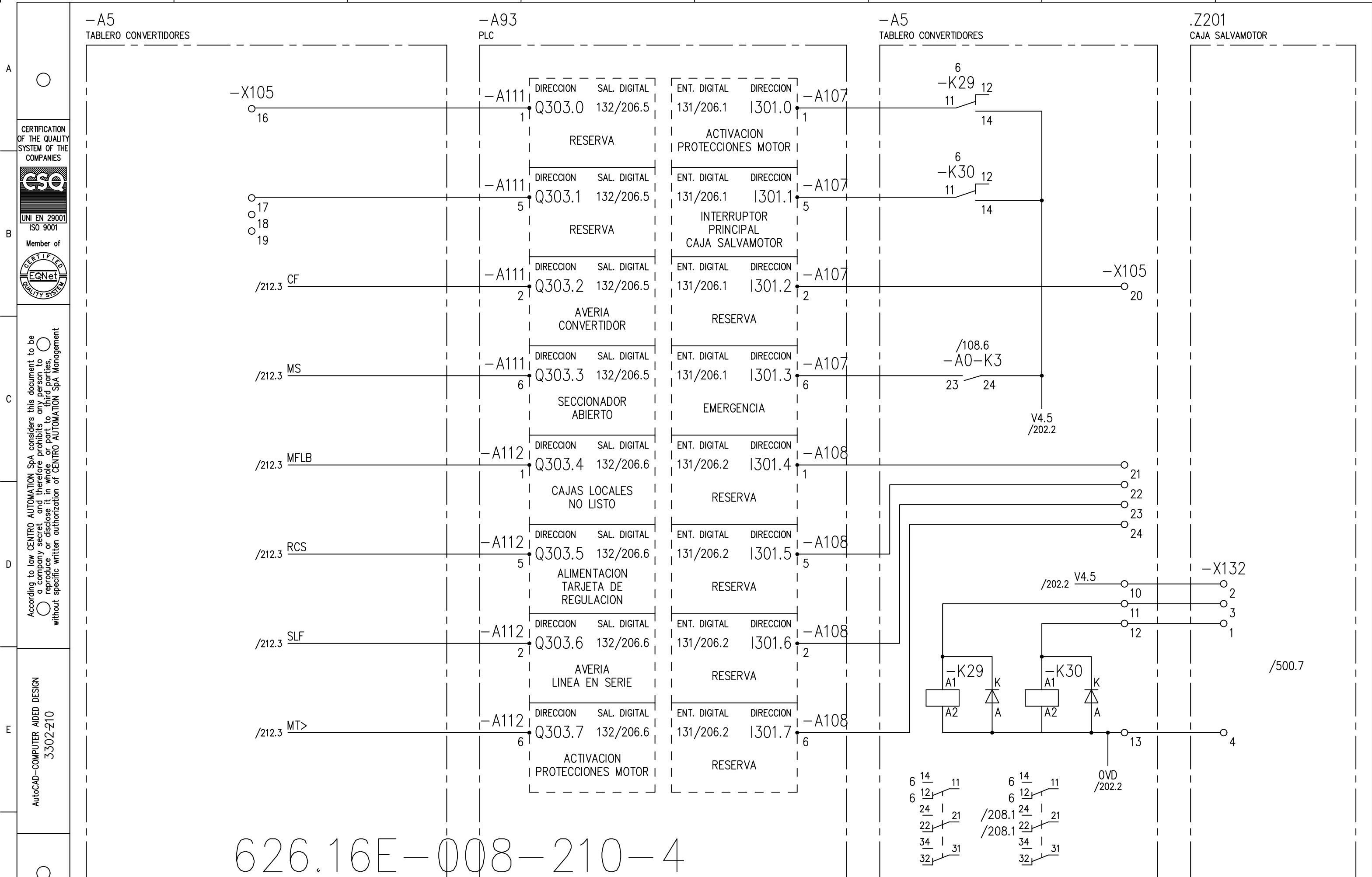
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PIN	DIRECCION	REFER.
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2	Q303.6	/ 210.4
5	Q303.5	/ 210.4
6	Q303.7	/ 210.4



626.16E-008-206-5

5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (ENTRADA VUA+CMA)	= 30BB.F02
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	+ /100.3				Hoja 206 208 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
ft. DIN6771/Teil 5	1				2				
					3				
					4				
					5				
					6				
					7				
					8				





4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (ENTRADA VUA+CMA)	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Hoja 210 212 Sigue

-A5
TABLERO CONVERTIDORES

1

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AutoCAD-COMPUTER AIDED DESIGN
3302-212

○ | - - - - -

5					Fechd	27/01/1997
2	DESP. PRUEBAS	ABR 97	GLEIREAN	Encarg.	VENDRAME	

1 EMISION PARA CONENE 97 GLEREAN Contr. VENDRAME

SUPAF



INSTRUCCIONES DE RODILLOS PARA ESTRUCTURAS (ENTRADA VLA+CMA)

STR Servicios auxiliares acabados

Nº 7000 D 70 E 7700

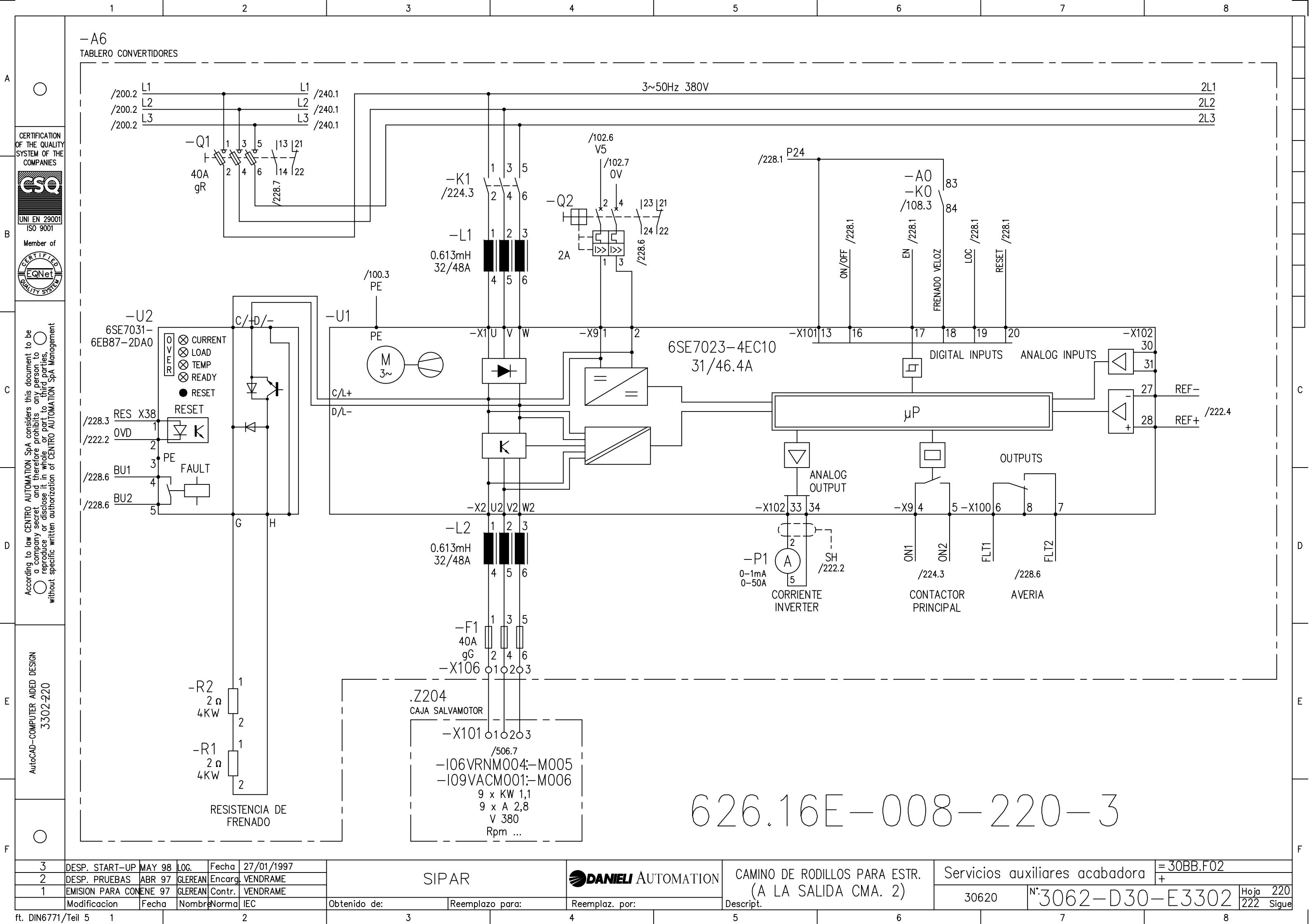
30620 3062-D30-E302

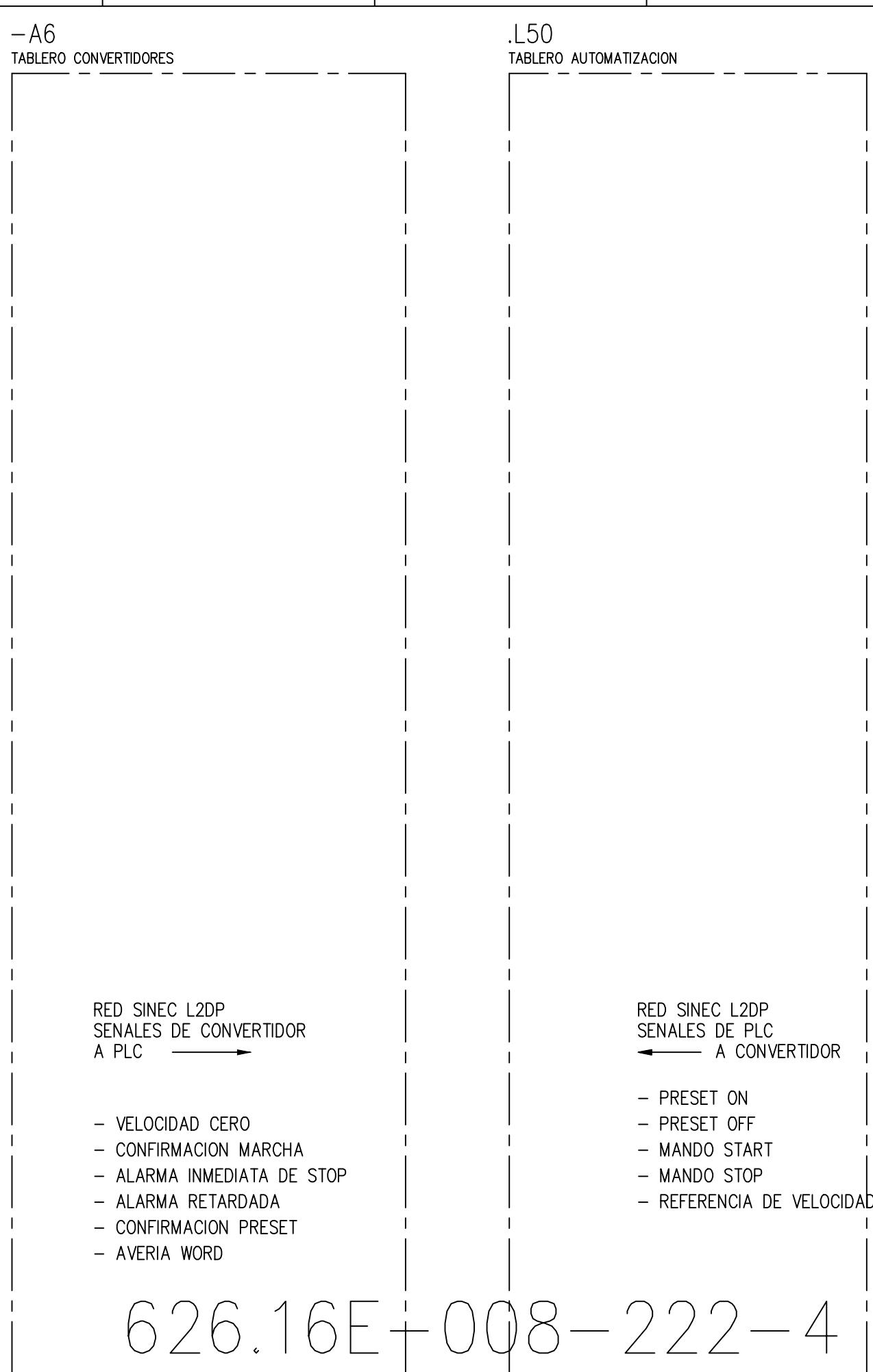
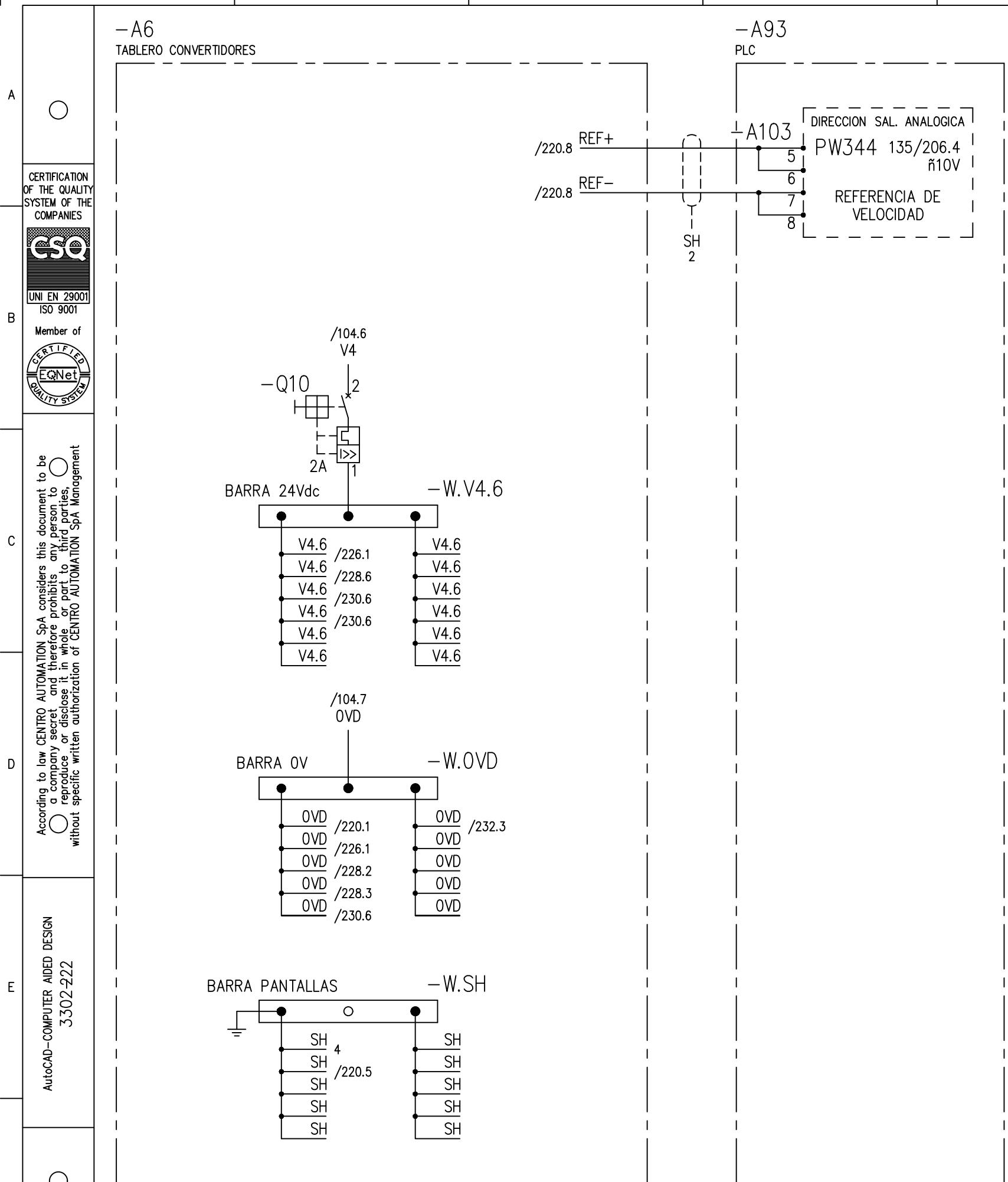
7 8

7 8

626.16E-008-212-3

Reemplazo para: Reemplaz. por: Descript. 500Z D50 E50Z 4





4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 2)	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 222 224 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		

-A6
TABLERO CONVERTIDORES

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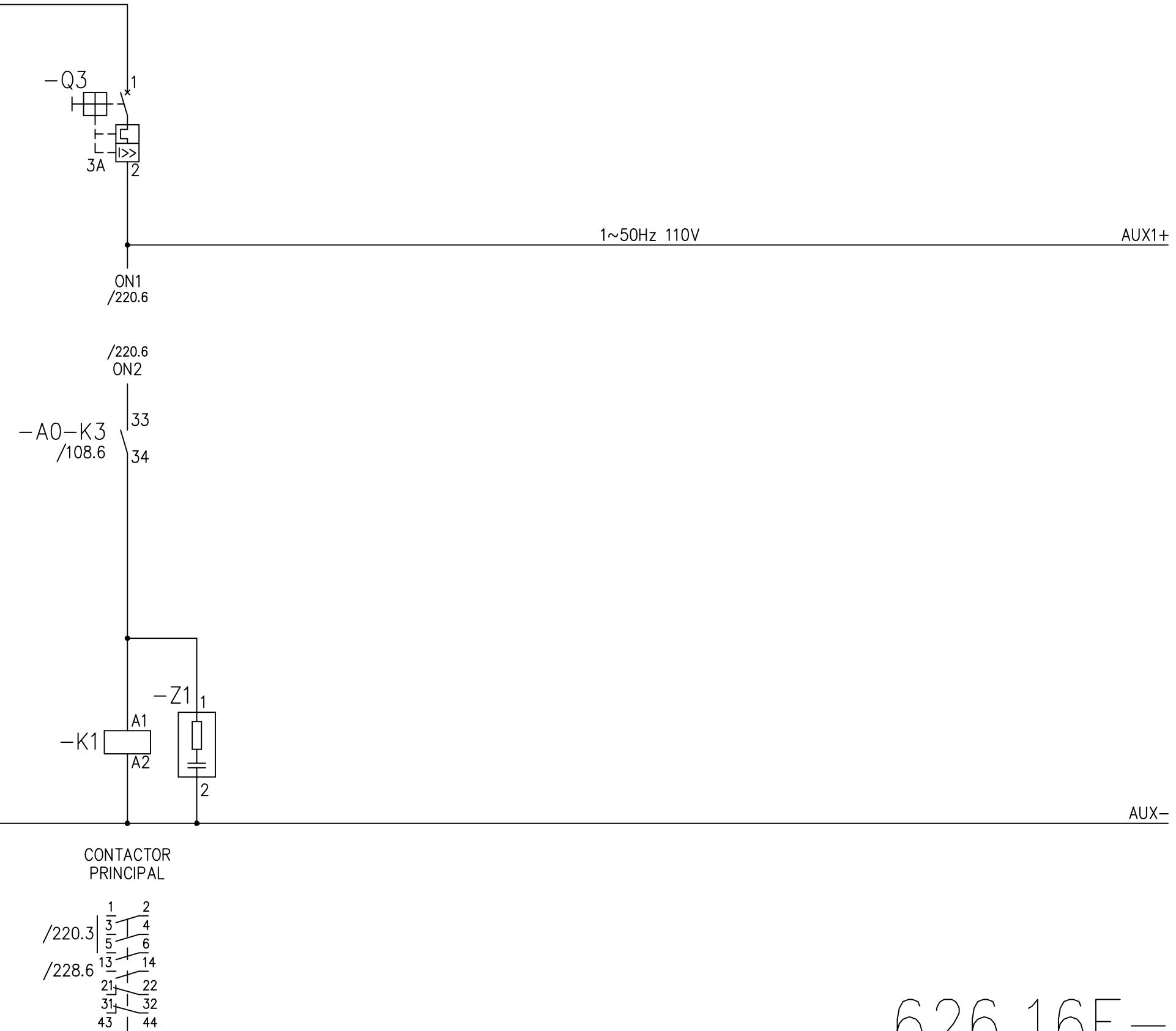
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ISO 9001

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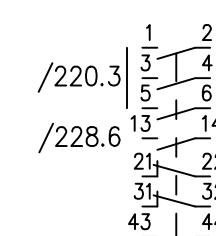


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AutoCAD-COMPUTER AIDED DESIGN
3302-224



626.16E-008-224-3



SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTR.
(A LA SALIDA SECT. 2 CMA)

Descript.

Servicios auxiliares acabadora

=30BB.F02

+

30620

Nº 3062-D30-E3302

Hoja 224

226 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
---	---------------	--------	---------	---------	----------

1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
---	------------------------	---------	--------	----------	--

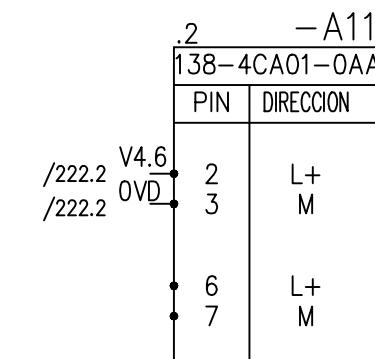
Modificación	Fecha	Nombre	Norma	IEC	
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Obtenido de:	Reemplazo para:	Reemplaz. por:
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-A93

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3302-226

.3 -A114
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I304.0	/228.5
2	I304.2	/228.5
5	I304.1	/228.5
6	I304.3	/228.5

.4 -A115
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I304.4	/228.5
2	I304.6	/228.5
5	I304.5	/228.5
6	I304.7	/228.5

.5 -A116
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I305.0	/230.5
2	I305.2	/230.5
5	I305.1	/230.5
6	I305.3	/230.5

.6 -A117
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I305.4	/230.5
2	I305.6	/230.5
5	I305.5	/230.5
6	I305.7	/230.5

.3 -A118
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q306.0	/228.3
2	Q306.2	/228.3
5	Q306.1	/228.3
6	Q306.3	/228.3

.4 -A119
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q306.4	/228.3
2	Q306.6	/228.3
5	Q306.5	/228.3
6	Q306.7	/228.3

.5 -A120
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q307.0	/230.3
2	Q307.2	/230.3
5	Q307.1	/230.3
6	Q307.3	/230.3

.6 -A121
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q307.4	/230.3
2	Q307.6	/230.3
5	Q307.5	/230.3
6	Q307.7	/230.3

626.16E-008-226-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTR.
(A LA SALIDA SECT. 2 CMA)
Descript.

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 226
228 Sigue

1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME
---	------------------------	---------	--------	----------

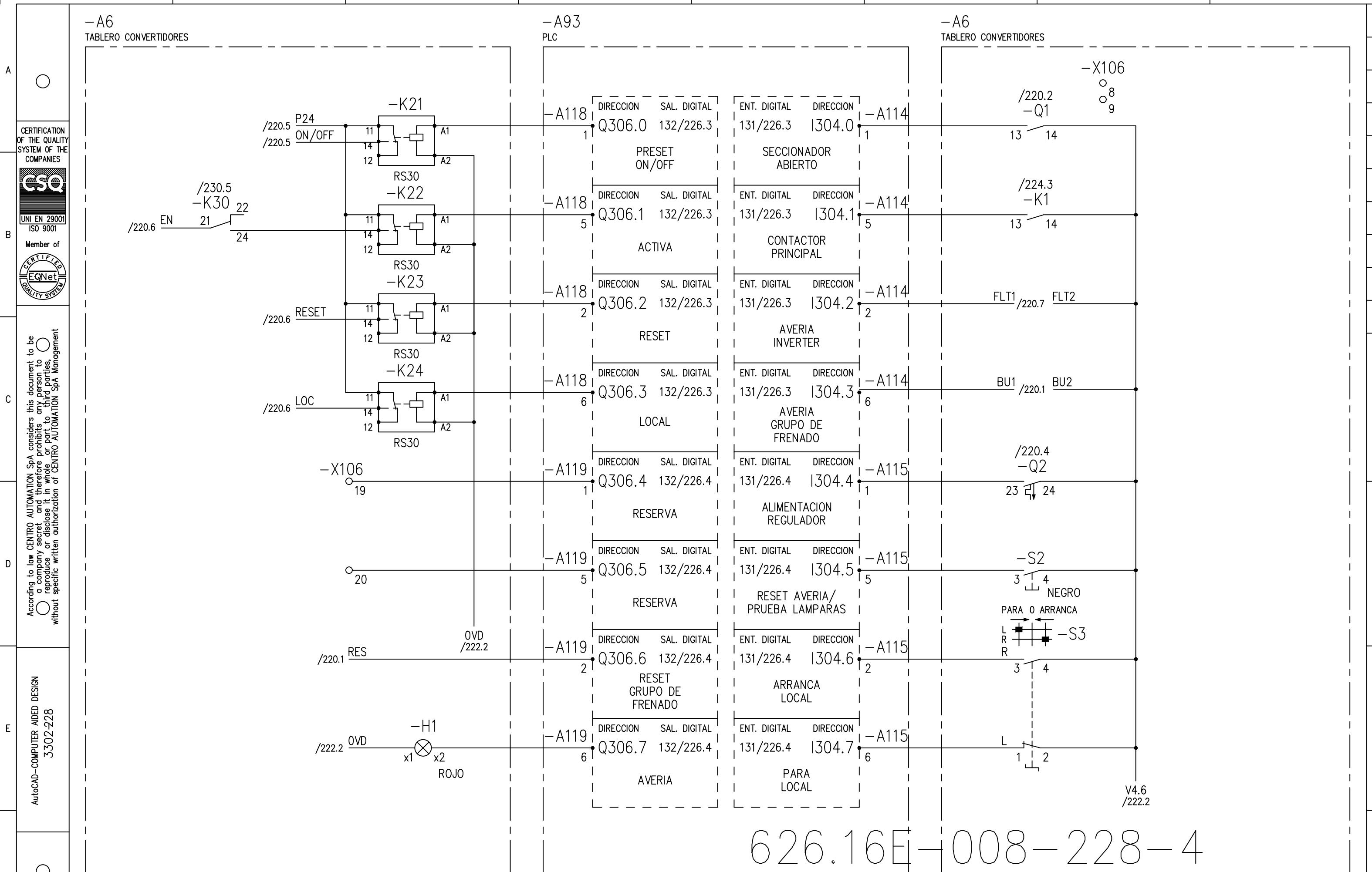
Modificacion	Fecha	Nombre	Norma	IEC
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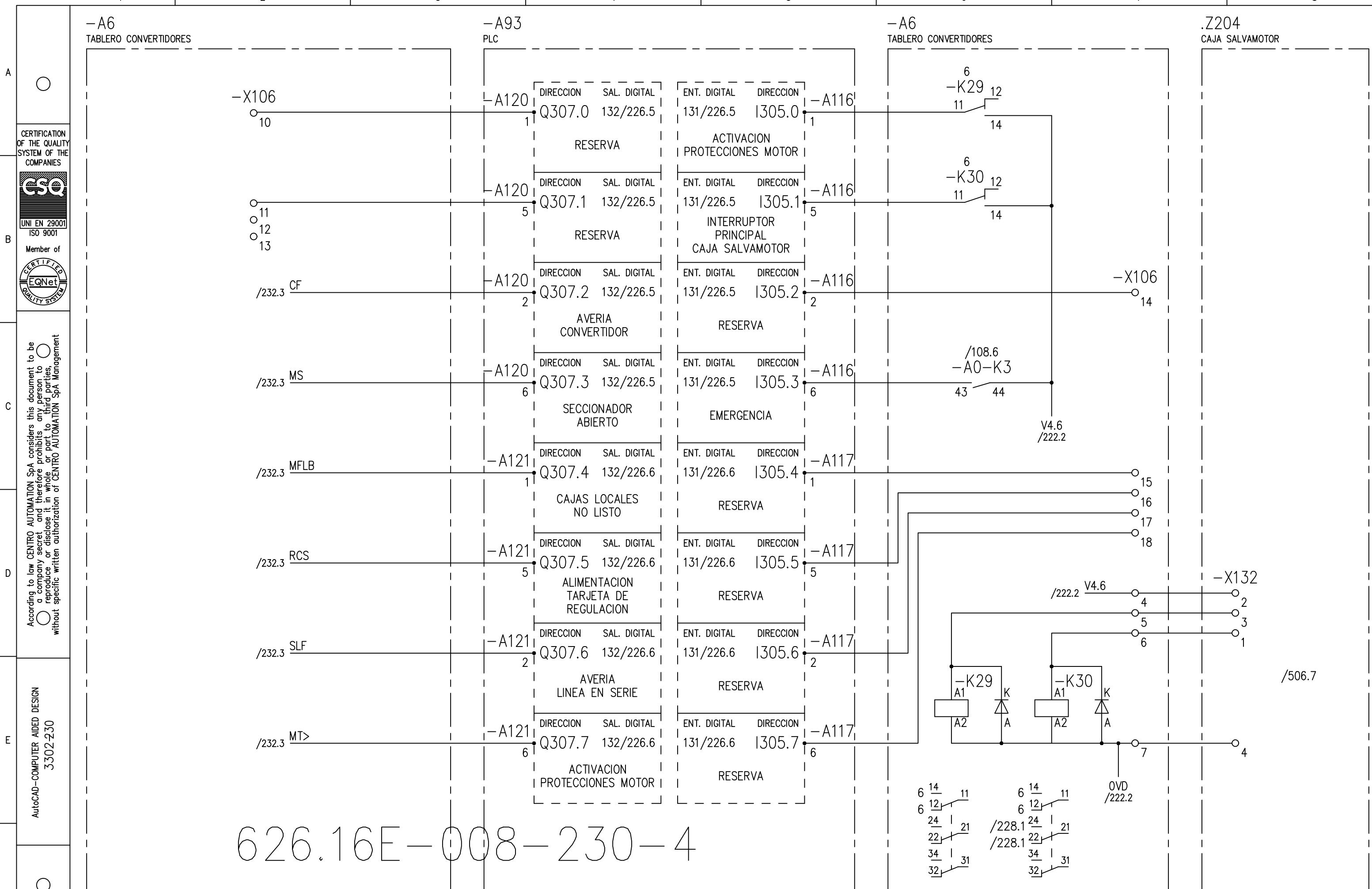
Reemplazo para:

Reemplaz.

por:



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMASECT. 2)	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+		
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				30620	Nº 3062-D30-E3302	Hoja 228
	Modificacion	Fecha	Nombre	Norma	IEC				230	Sigue	



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 2)	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+		
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 230
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	232 Sigue	
6	DIN6771/T-1	1	2	3	4	5	6	7	8	9	10

-A6
TABLERO CONVERTIDORES

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3302-232



-H10 CZ011

PIN	ETIQUETA	REFER.
/230.2 MFLB	1	INTERRUPTOR CAJAS LOCALES
/230.2 RCS	2	ALIMENTACION REGULACION
/230.2 SLF	3	FALTA LINEA EN SERIE
/230.2 MT>	4	PROTECCIONES MOTORES
/230.2 MS	5	SECCIONADOR PRINCIPAL ABIERTO
/230.2 CF	6	FALTA CONVERTIDOR
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/222.2 OVD	16	OV

626.16E-008-232-3

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTR.
(A LA SALIDA CMA SECT. 2)

Descript.

Servicios auxiliares acabadora

=30BB.F02

+

30620 N° 3062-D30-E3302

Hoja 232

240 Sigue

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

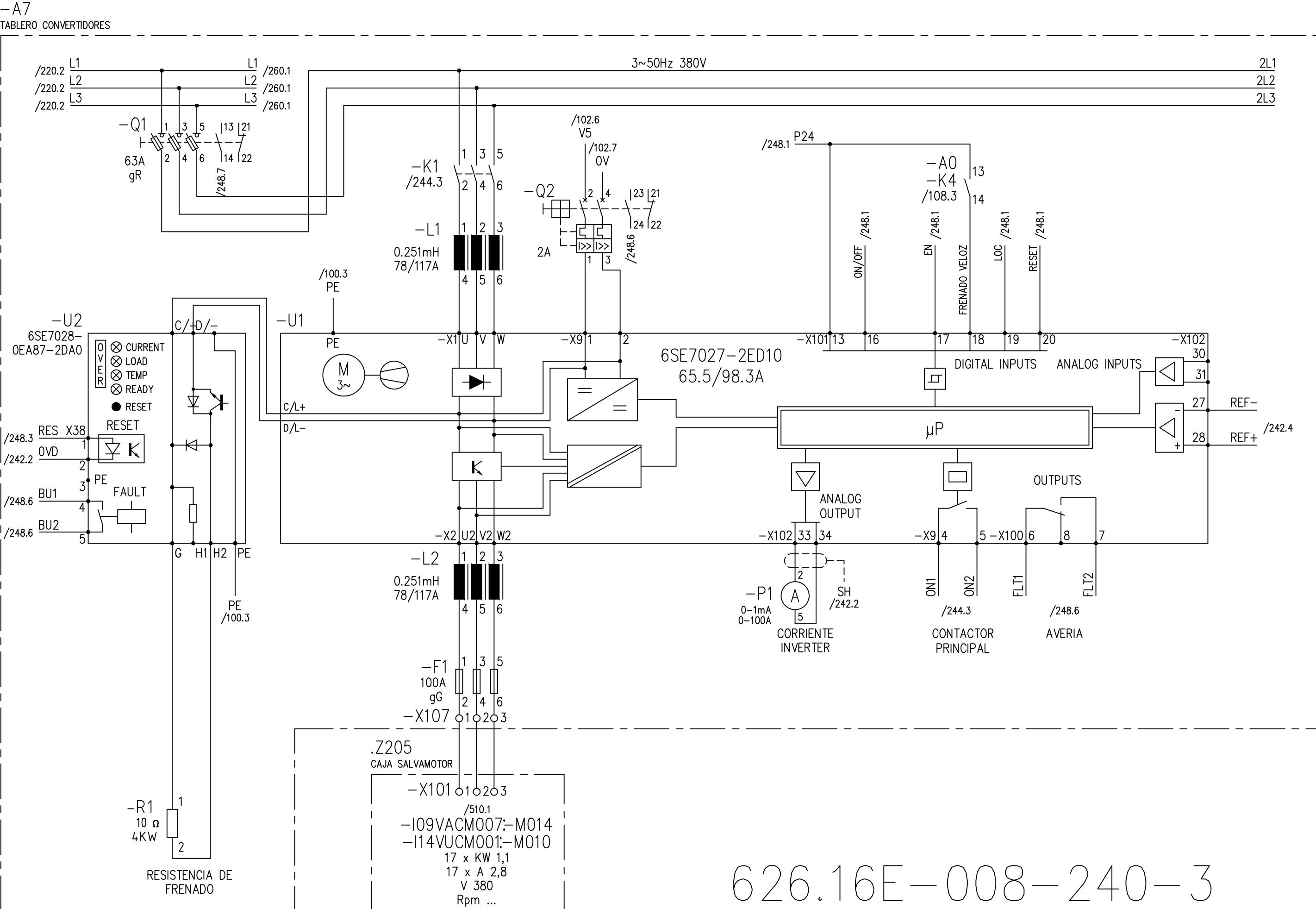
2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

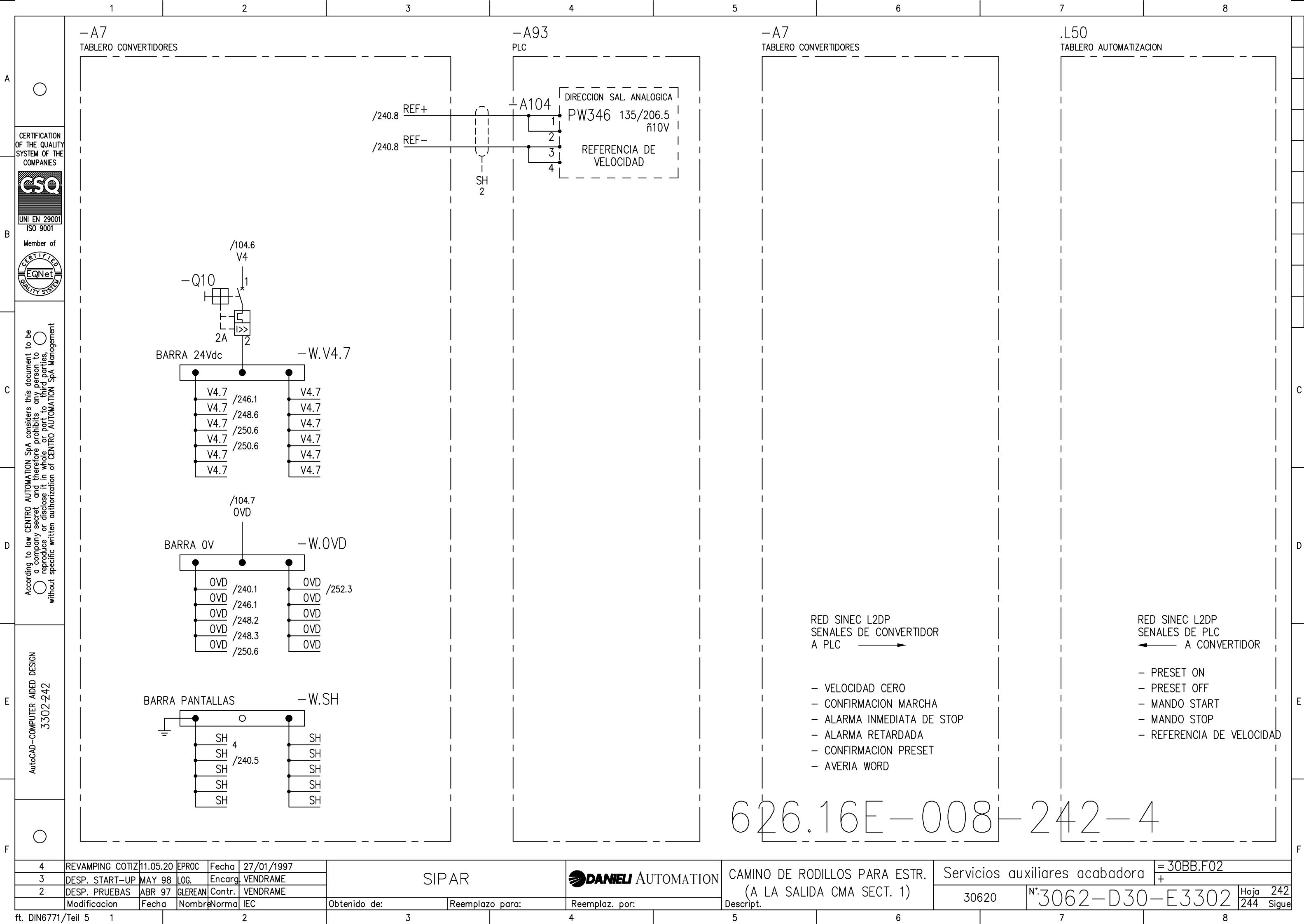
Obtenido de: Reemplazo para:

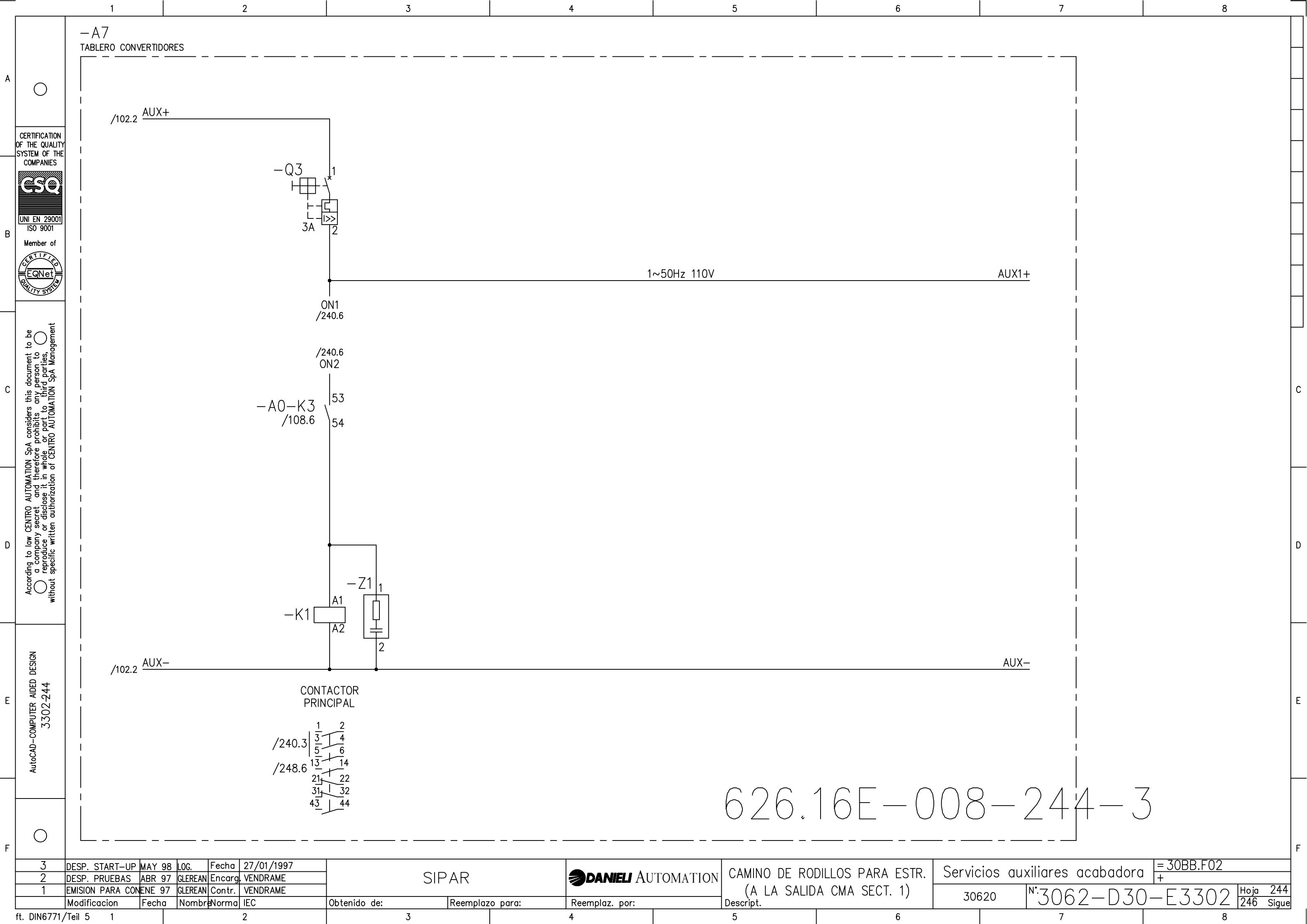
Reemplaz. por:



626.16E-008-240-3

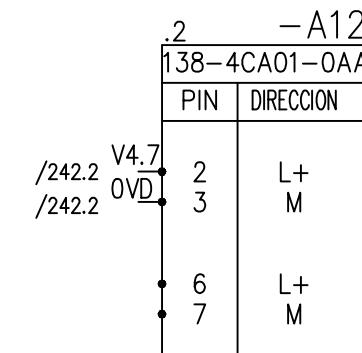
3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 1)	Servicios auxiliares acabadora		= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302	Hoja 240
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.		242 Sigue
5	DIN0771/T. 5	1	6	7	8	9	10	11	12	13	14





-A93

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3302-246

.3 -A123
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I308.0	/248.5
2	I308.2	/248.5
5	I308.1	/248.5
6	I308.3	/248.5

.4 -A124
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I308.4	/248.5
2	I308.6	/248.5
5	I308.5	/248.5
6	I308.7	/248.5

.5 -A125
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I309.0	/250.5
2	I309.2	/250.5
5	I309.1	/250.5
6	I309.3	/250.5

.6 -A126
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I309.4	/250.5
2	I309.6	/250.5
5	I309.5	/250.5
6	I309.7	/250.5

.3 -A127
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q310.2	/248.3
5	Q310.1	/248.3
6	Q310.3	/248.3

.4 -A128
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q310.4	/248.3
2	Q310.6	/248.3
5	Q310.5	/248.3
6	Q310.7	/248.3

.5 -A129
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q311.2	/250.3
5	Q311.1	/250.3
6	Q311.3	/250.3

.6 -A130
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q311.4	/250.3
2	Q311.6	/250.3
5	Q311.5	/250.3
6	Q311.7	/250.3

626.16E-008-246-4

4 REVAMPING COTIZ 11.05.20 EPROC Fecha 27/01/1997

3 DESP. START-UP MAY 98 LOG. Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLEREAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS PARA ESTR.

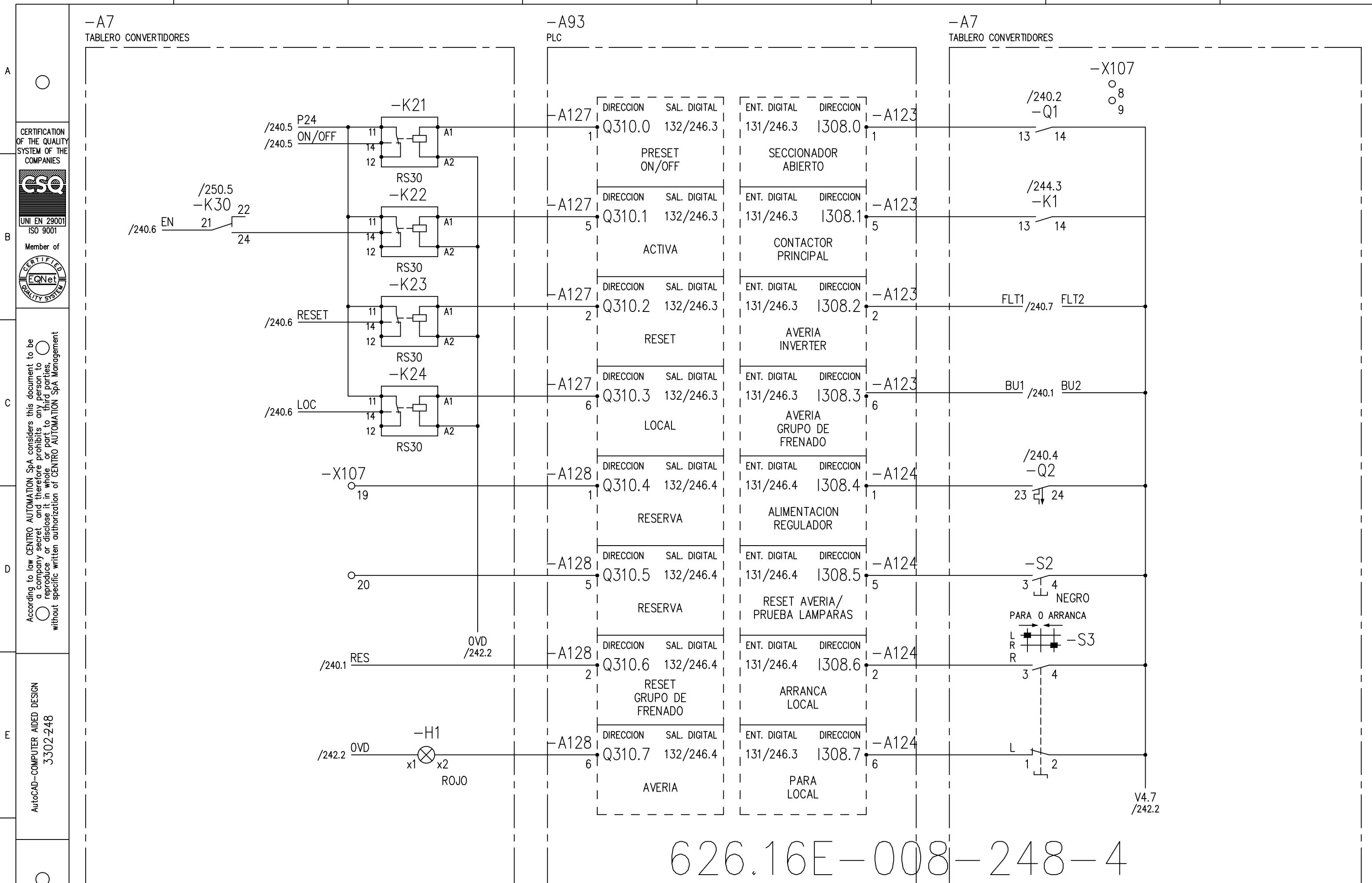
(A LA SALIDA CMA SECT. 1)

Descript.

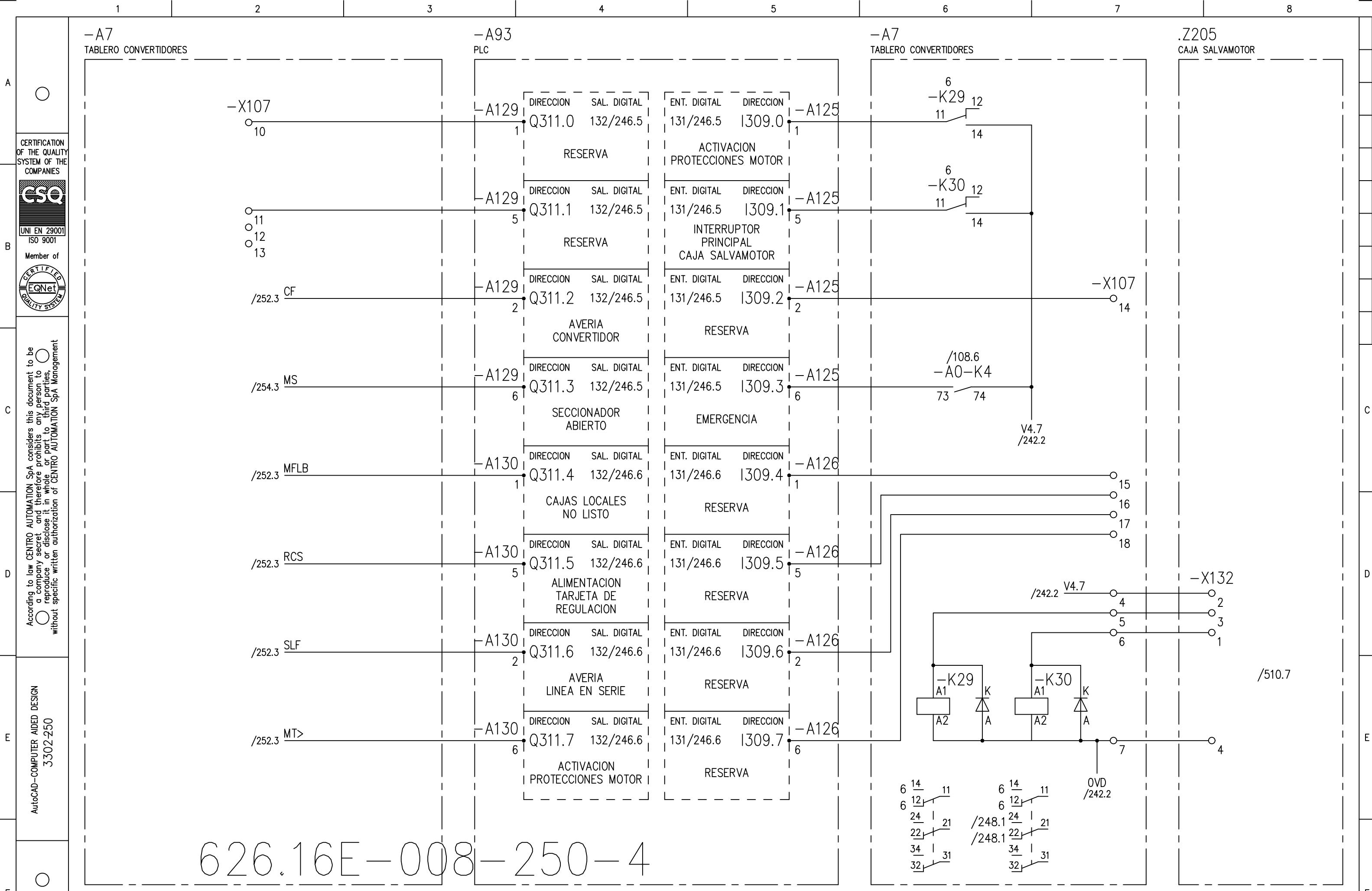
Servicios auxiliares acabadora = 30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 246

248 Sigue 248



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMILO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 1)	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME					+ 248
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME					Hoja 250 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº: 3062-D30-E3302



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 1)	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+		
2	DESP. PRUEBAS	ABR 97	GLELEAN	Contr.	VENDRAME				30620	Nº 3062-D30-E3302	Hoja 250
	Modificacion	Fecha	Nombre	Norma	IEC						Sig 252
ft. DIN6771/Teil 5	1	2	3	4	5				6	7	8

-A7
TABLERO CONVERTIDORES

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3302-252

-H10 CZ011		
PIN	ETIQUETA	REFER.
/250.2 MFLB	1	INTERRUPTOR CAJAS LOCALES
/250.2 RCS	2	ALIMENTACION REGULACION
/250.2 SLF	3	FALTA LINEA EN SERIE
/250.2 MT>	4	PROTECCIONES MOTORES
/250.2 MS	5	SECCIONADOR PRINCIPAL ABIERTO
/250.2 CF	6	FALTA CONVERTIDOR
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/242.2 OVD	16	0V

626.16E-008-252-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA SECT. 1 CMA)	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONC.	ENE 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 252 260 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		

-A8
TABLERO CONVERTIDORES

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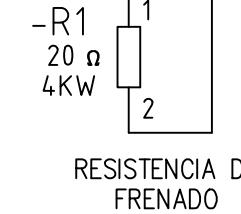
UNI EN 29001

ISO 9001

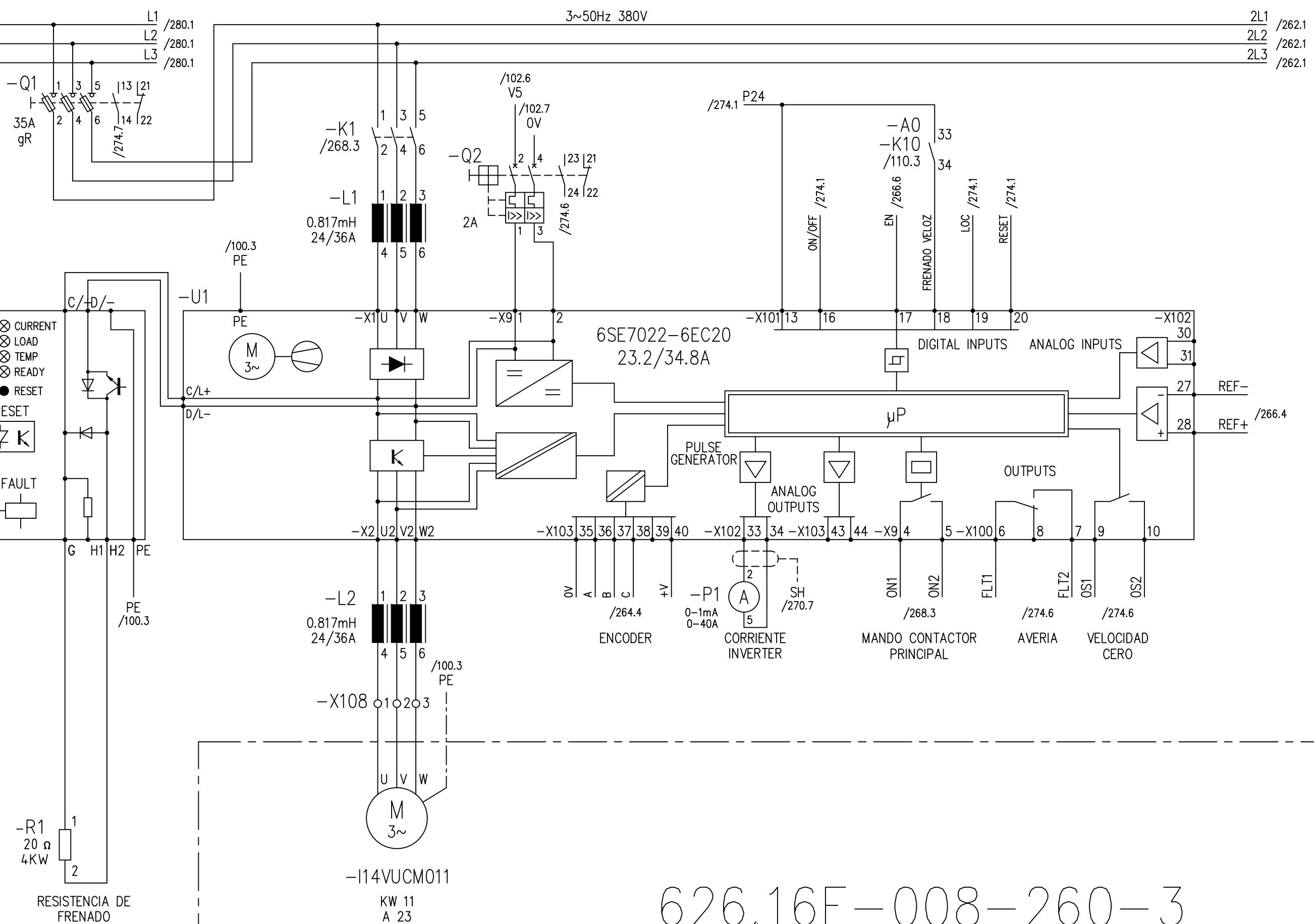


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AutoCAD-COMPUTER AIDED DESIGN
3302-260



RESISTENCIA DE
FRENADO



626.16E-008-260-3

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

SIPAR

DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS

A LA ENTRADA

Servicios auxiliares acabadora =30BB.F02

+

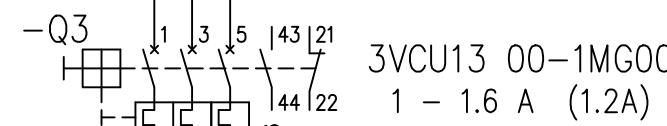
30620 N° 3062-D30-E3302

Hoja 260
262 Sigue

-A8

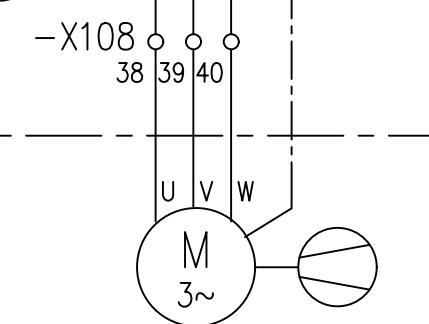
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/260.8 L1
 /260.8 L2
 /260.8 L3



-K2 /268.4 3TF4022-0AF0

PE



-I14VUCM011A

W 400 1,2A
 380 V 3~ 50Hz
 Rpm 1500

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AutoCAD-COMPUTER AIDED DESIGN
3.3024+20

626.16E-008-262-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
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1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
---	------------------------	---------	--------	----------	--

Modificacion	Fecha	Nombre	Norma	IEC	
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SIPAR

DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADA

Servicios auxiliares acabadora

=30BB.F02

+

30620 N° 3062-D30-E3302

Hoja 262

264 Sigue

-A8
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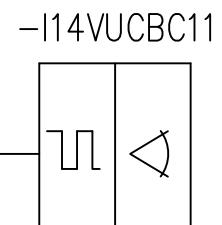
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3302-264REACCION DE
VELOCIDAD

/260.4	+V	40
/260.4	OV	35
/260.4	A	36
/260.4	B	37
/260.4	C	

-X108

SH
/270.7

O	27
O	28
O	29
O	30
O	31
O	32
O	33
O	34
O	35
O	36
O	37



1024 impuls./giro

626.16E-008-264-3

SIPAR

DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADAServicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 264
266 Sigue

3 DESP. START-UP MAY 98 LOG. Fecha 27/01/1997

2 DESP. PRUEBAS ABR 97 GLELEAN Encarg. VENDRAME

1 EMISION PARA CONENE 97 GLELEAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

Obtenido de: Reemplazo para: Reemplaz. por:

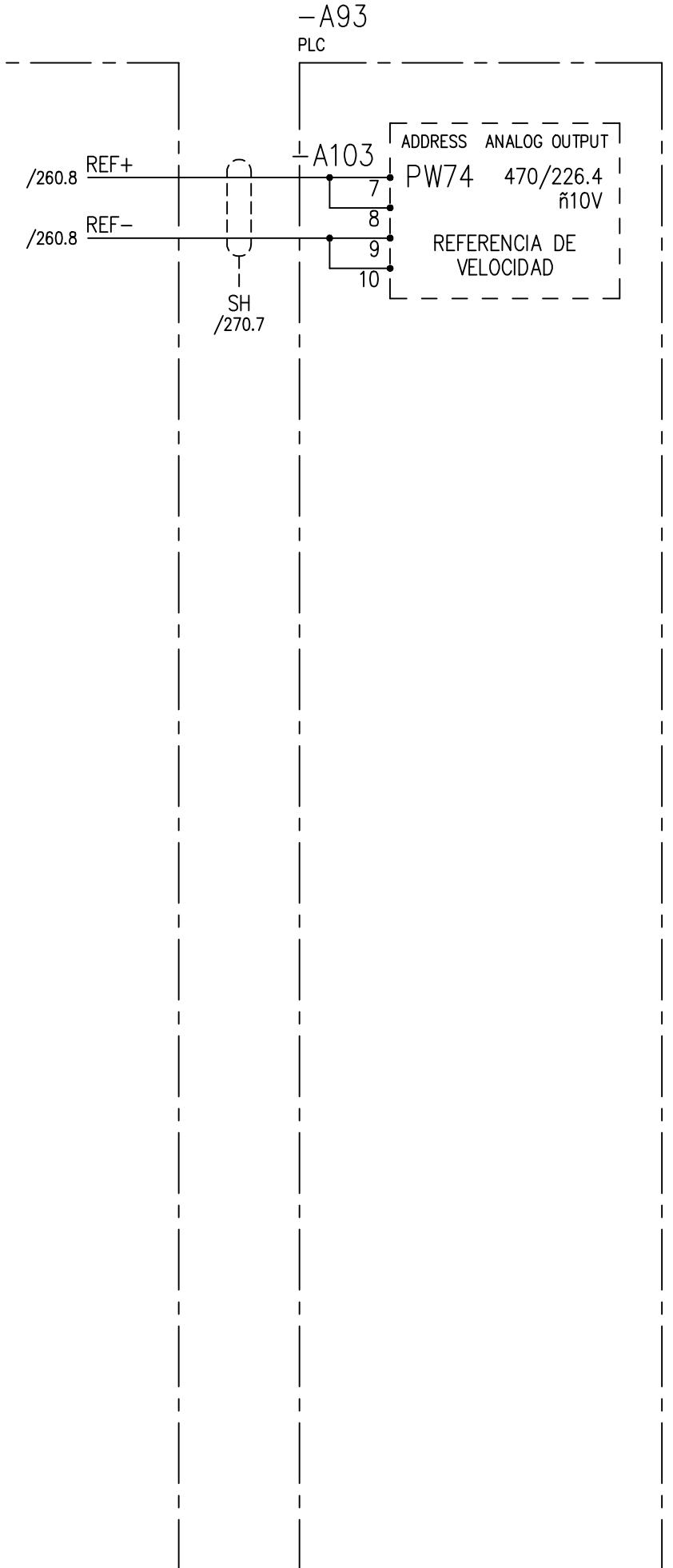
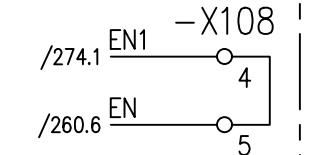
Descript.

-A8
TABLERO CONVERTIDORESCERTIFICATION
OF THE QUALITY
SYSTEM OF THE
COMPANIESUNI EN 29001
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AutoCAD-COMPUTER AIDED DESIGN
3.302-266-A1
TABLERO CONVERTIDORES.L50
TABLERO AUTOMATIZACION

- RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR
- PRESET ON
 - PRESET OFF
 - MANDO START
 - MANDO STOP
 - REFERENCIA DE VELOCIDAD

RED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC →

- VELOCIDAD CERO
- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD

626.16E-008-266-3

DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADA

Servicios auxiliares acabadora

=30BB.F02

+

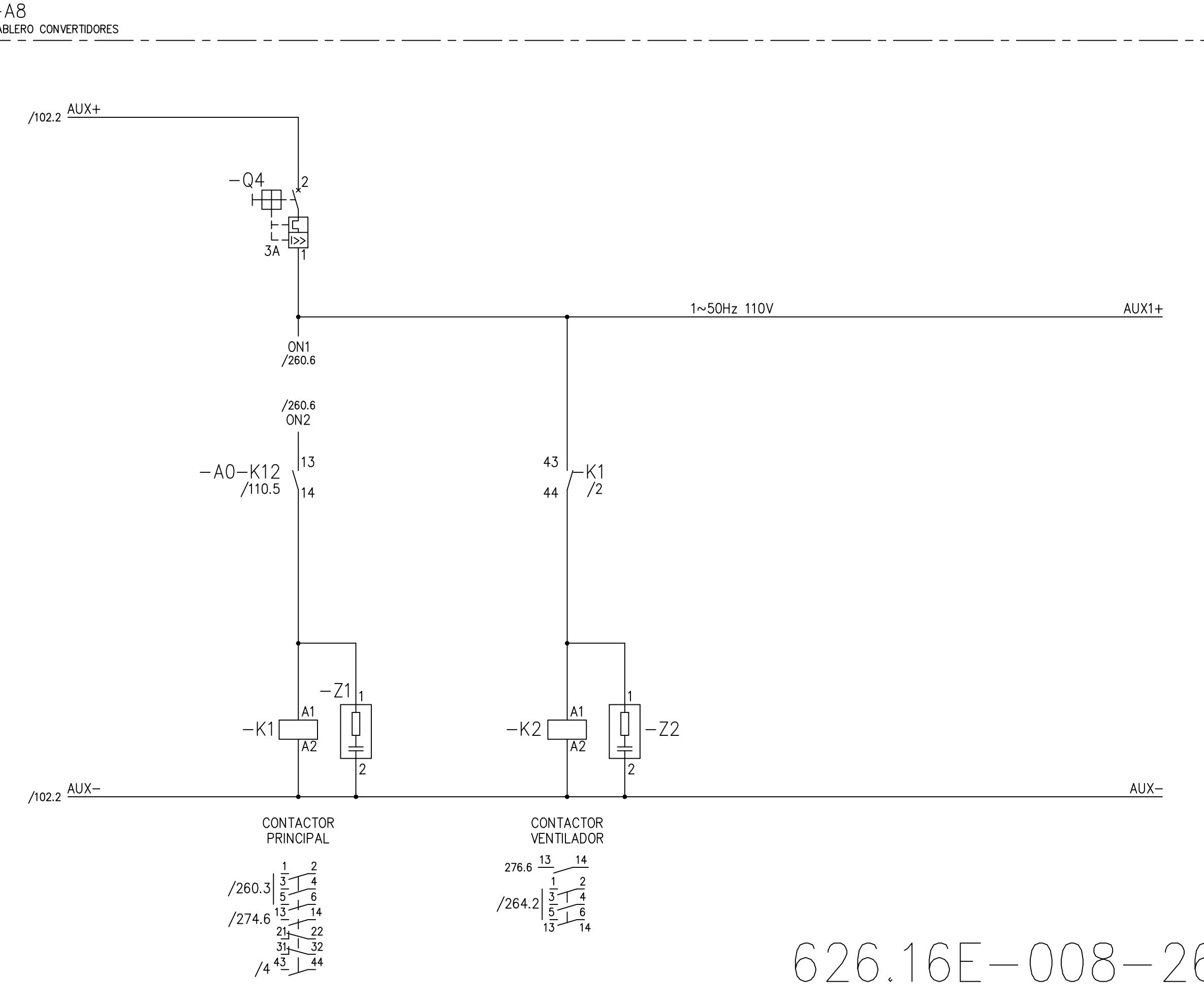
30620

Nº 3062-D30-E3302

Hoja 266

268 Sigue

3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302



626.16E-008-268-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME					+ 30620	
1	EMISION PARA CON	ENE 97	GLELEAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 268 270 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

-A8
TABLERO CONVERTIDORES

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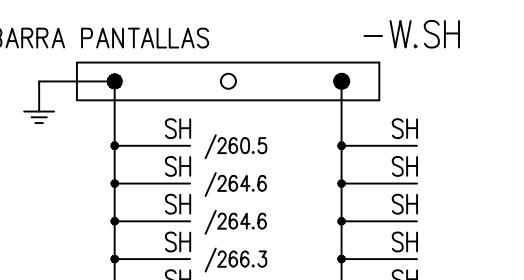
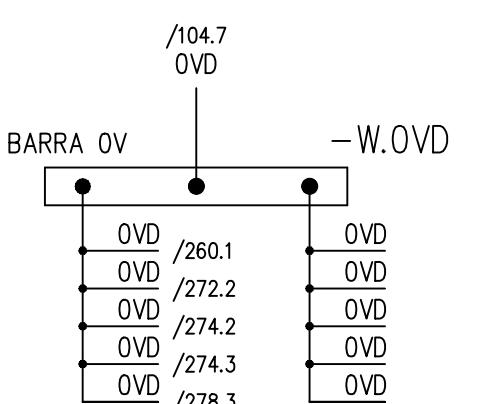
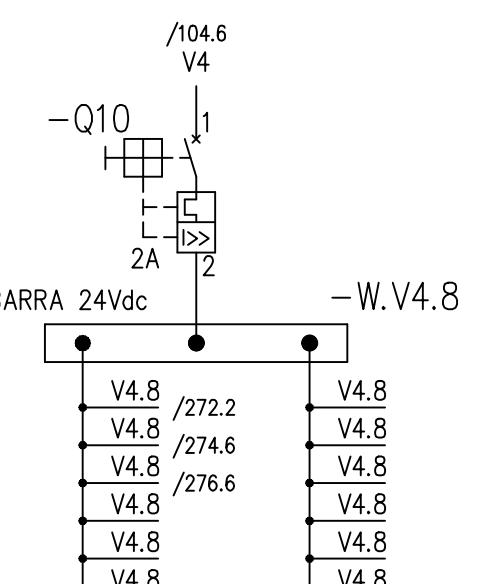


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AutoCAD-COMPUTER AIDED DESIGN
3302-270

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ Reemplazo para:	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

626.16E-008-270-3



-A93

PLC

CERTIFICATION
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COMPANIES

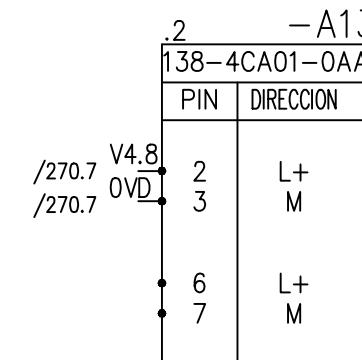
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AutoCAD-COMPUTER AIDED DESIGN
3302-272

-A132

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
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2	I312.2	/274.5
5	I312.1	/274.5
6	I312.3	/274.5

-A133

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
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2	I312.6	/274.5
5	I312.5	/274.5
6	I312.7	/274.5

-A134

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I313.0	/276.5
2	I313.2	/276.5
5	I313.1	/276.5
6	I313.3	/276.5

-A135

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I313.4	/276.5
2	I313.6	/276.5
5	I313.5	/276.5
6	I313.7	/276.5

-A136

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q314.2	/274.3
5	Q314.1	/274.3
6	Q314.3	/274.3

-A137

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q314.6	/274.3
5	Q314.5	/274.3
6	Q314.7	/274.3

-A138

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q315.2	/276.3
5	Q315.1	/276.3
6	Q315.3	/276.3

-A139

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q315.4	/276.3
2	Q315.6	/276.3
5	Q315.5	/276.3
6	Q315.7	/276.3

626.16E-008-272-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
1	EMISION PARA CON	ENE 97	GLEREAN	Encarg.	VENDRAME
	Modificacion	Fecha	Nombre	Norma	IEC

SIPAR

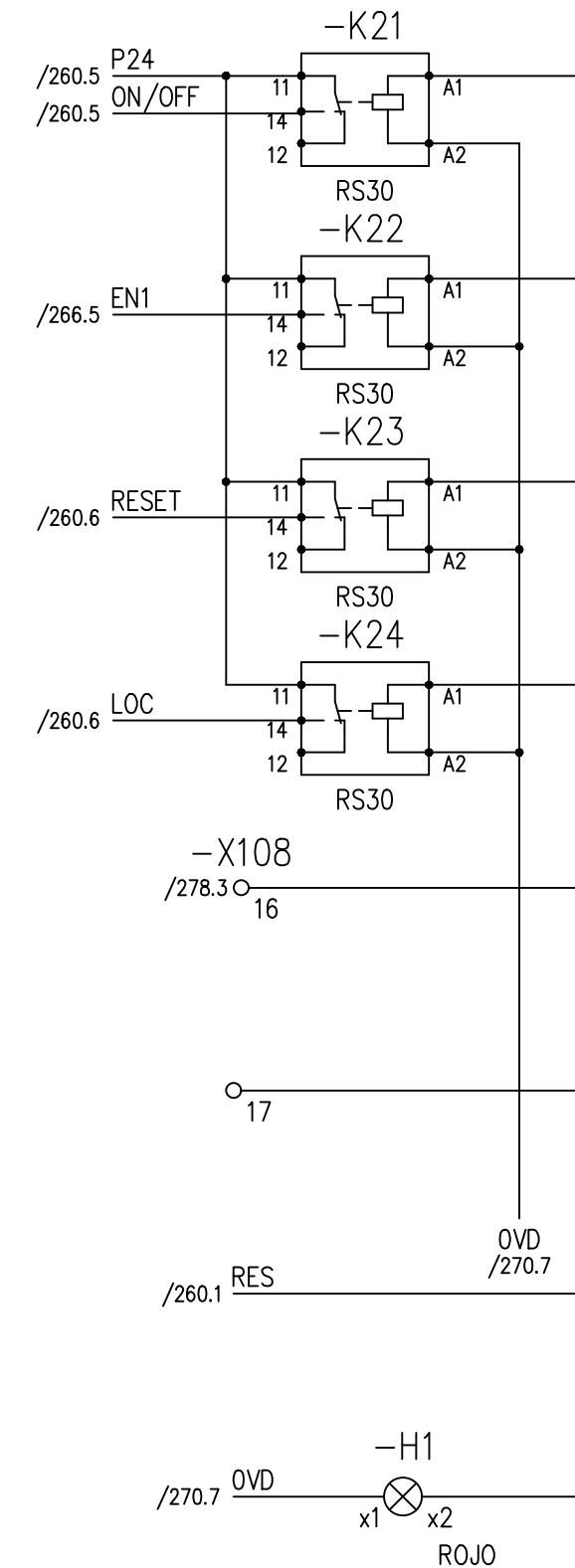
DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADA

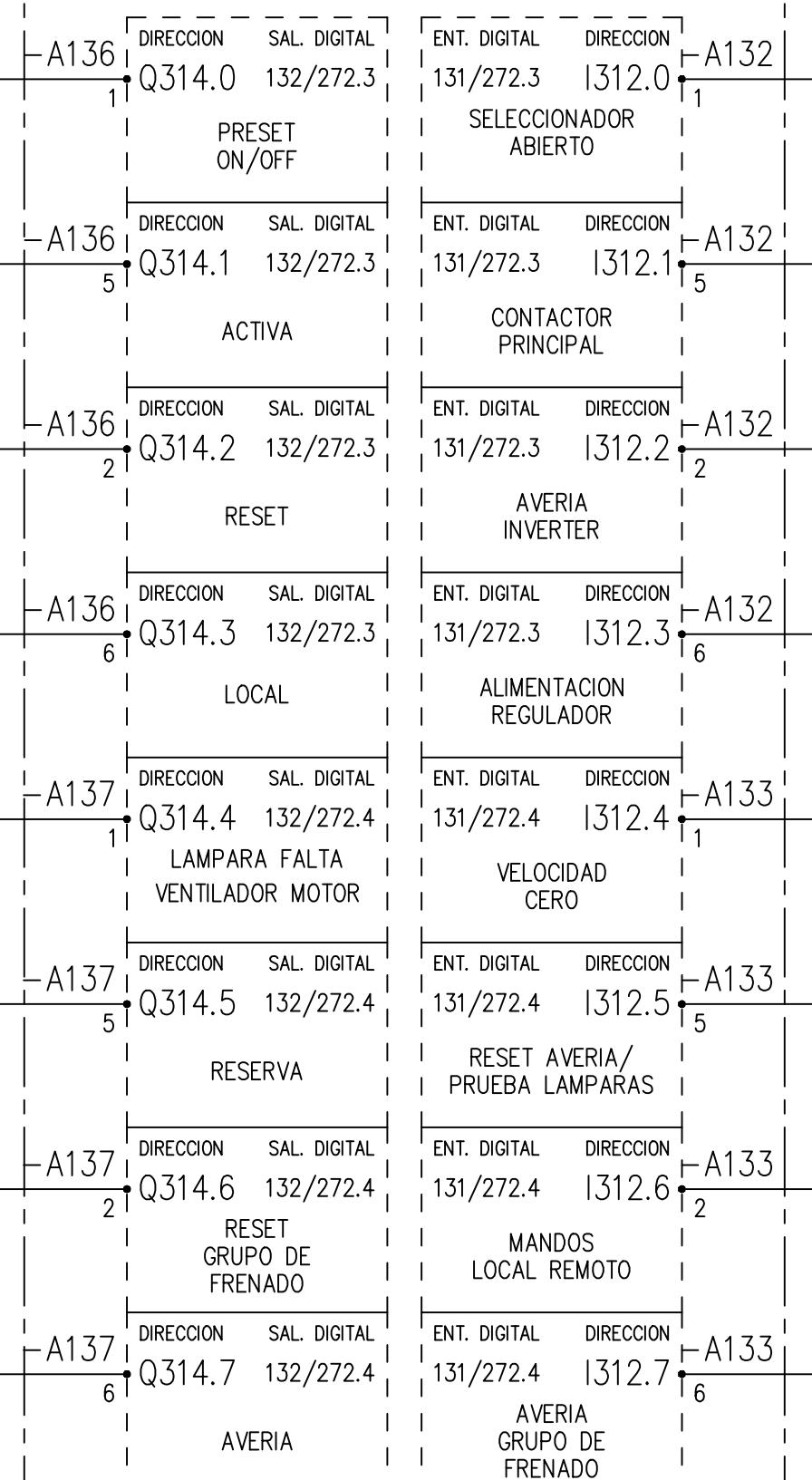
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Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 272
274 Sigue

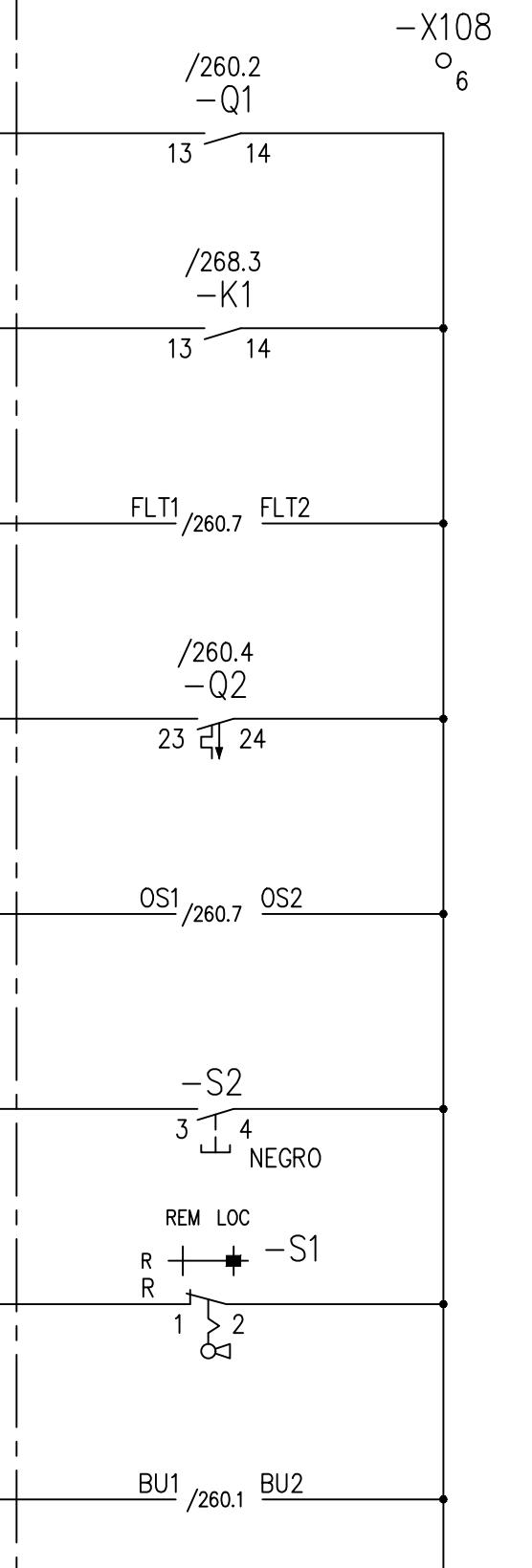
-A8
TABLERO CONVERTIDORES



-A93
PLC



-A8
TABLERO CONVERTIDORES



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3302-274

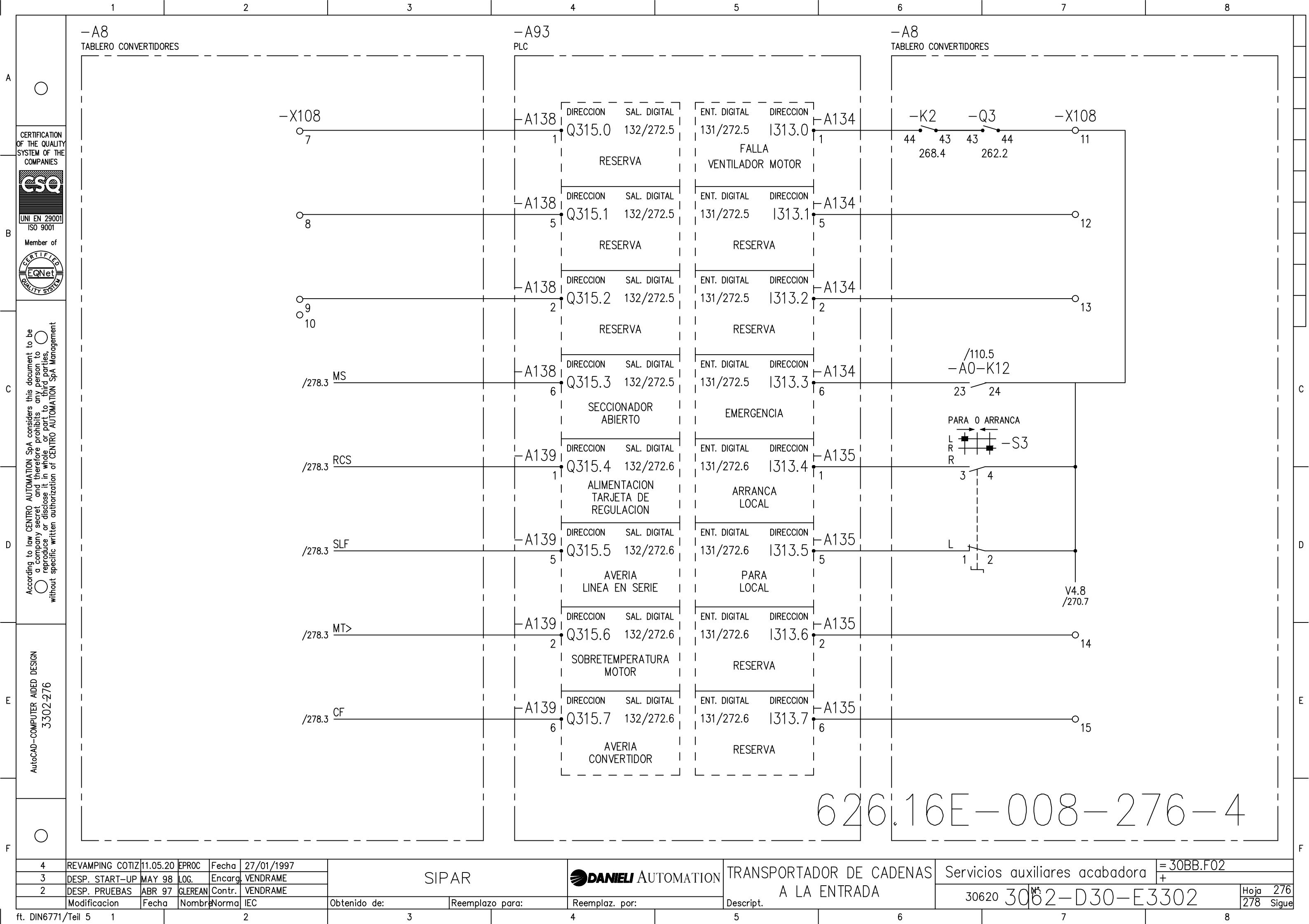
DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADA

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 274
276 Sigue

626.16E-008-274-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR		TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME						+ 30620
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME						N° 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		Hoja 274 276 Sigue



-A8
TABLERO CONVERTIDORES

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AutoCAD-COMPUTER AIDED DESIGN
3302-278

-H10 CZ011		
PIN	ETIQUETA	REFER.
/276.2 RCS	1 ALIMENTACION REGULACION	
/276.2 SLF	2 FALTA LINEA EN SERIE	
/276.2 MT>	3	
/276.2 CF	4 FALTA CONVERTIDOR	
/276.2 MS	5 SECCIONADOR PRINCIPAL ABIERTO	
/274.2	6 FALTA VENTILADOR MOTOR	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/270.7 OVD	16 0V	

626.16E-008-278-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
---	----------------	--------	------	-------	------------

2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
---	---------------	--------	---------	---------	----------

1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME
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Modificacion	Fecha	Nombre	Norma	IEC	
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SIPAR

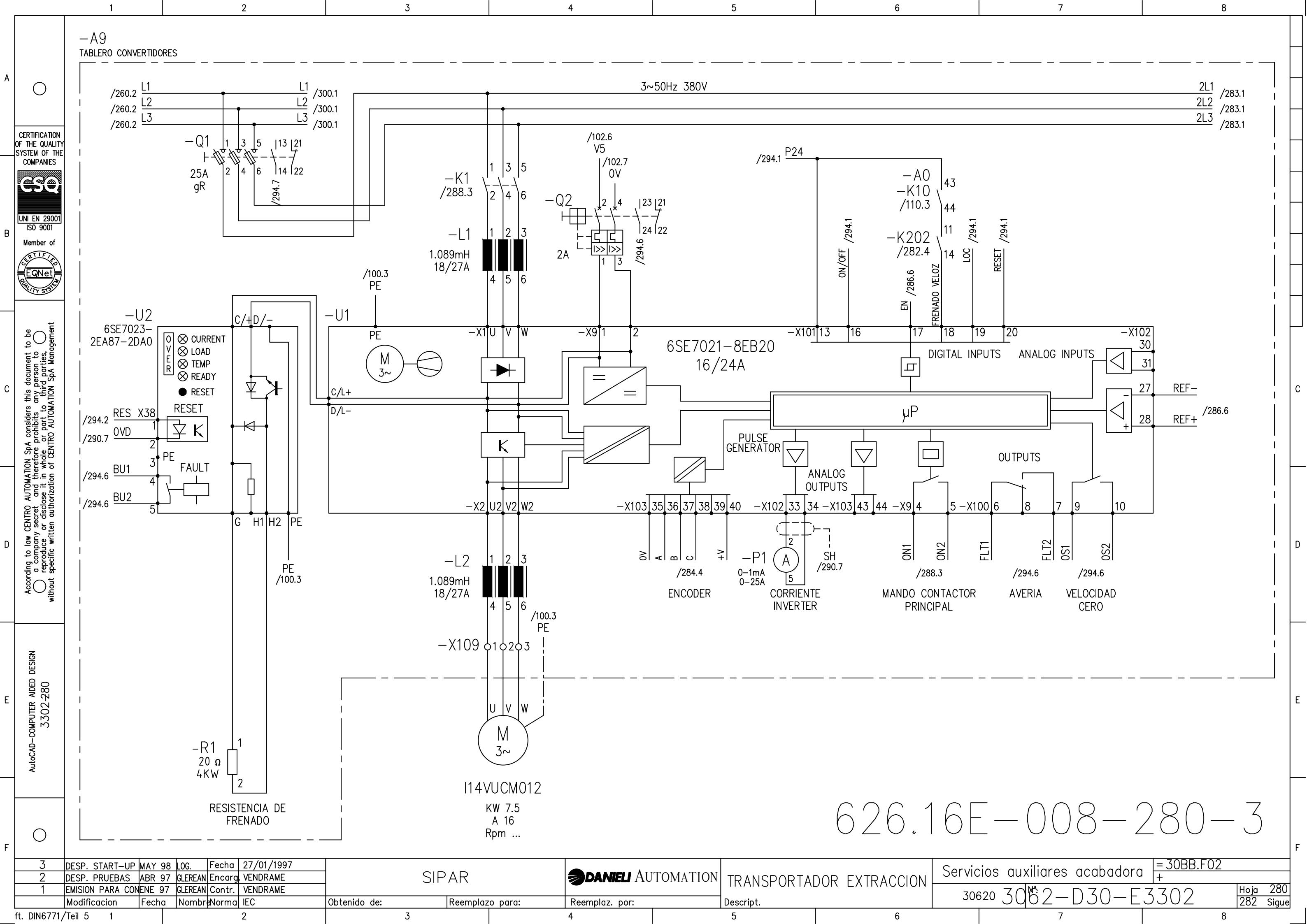
DANIELI AUTOMATION

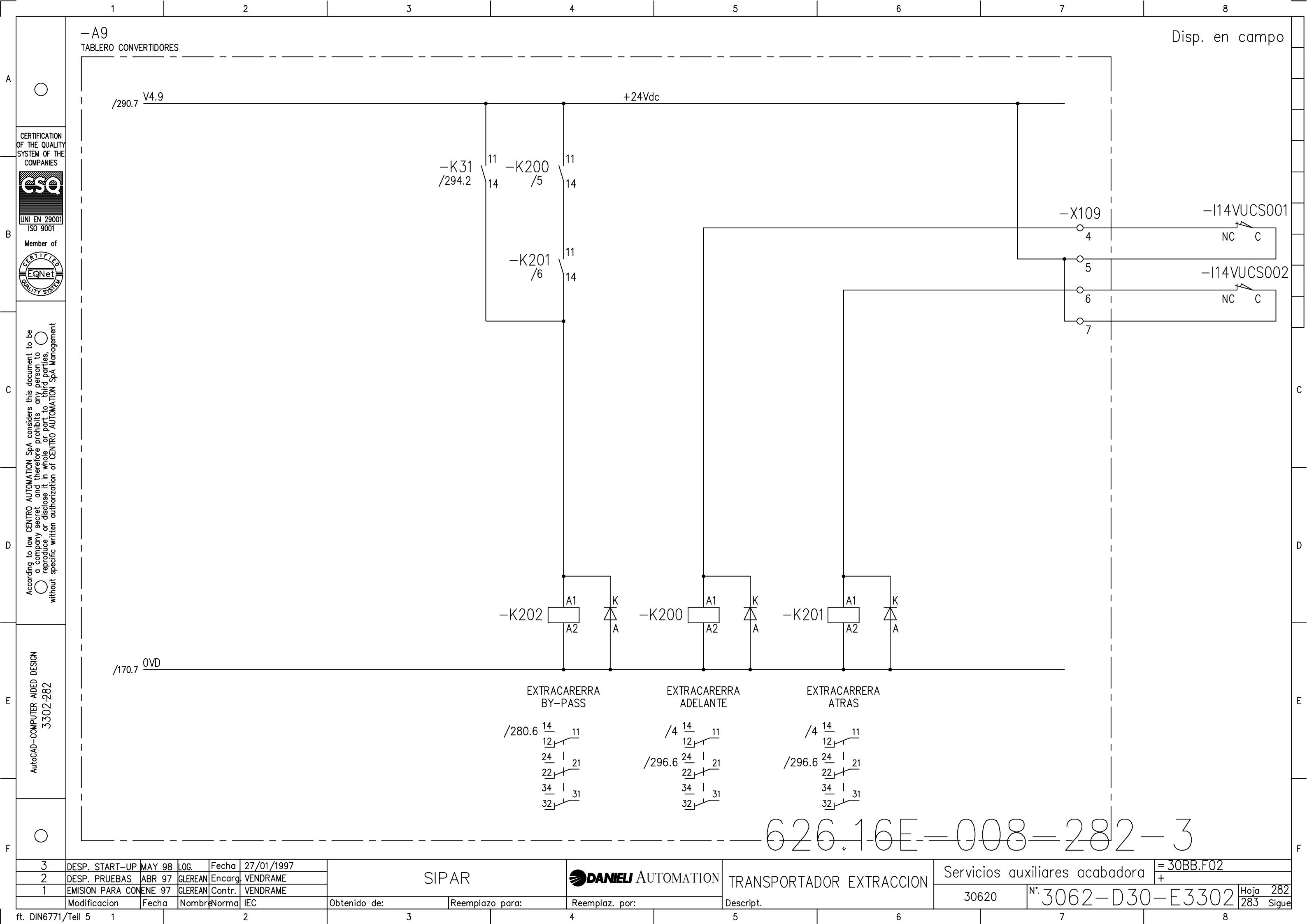
TRANSPORTADOR DE CADENAS
A LA ENTRADA

Servicios auxiliares acabadora =30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 278

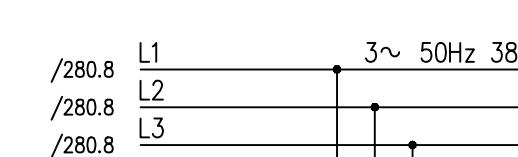
280 Sigue





-A9

TABLERO CONVERTIDORES



3~ 50Hz 38

-K2 3TF4022-0AF

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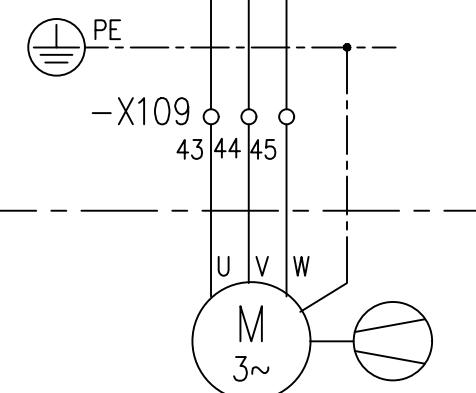
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3302+20



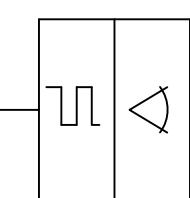
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W 400 1,2A
380 V 3~ 50Hz
Rpm 1500

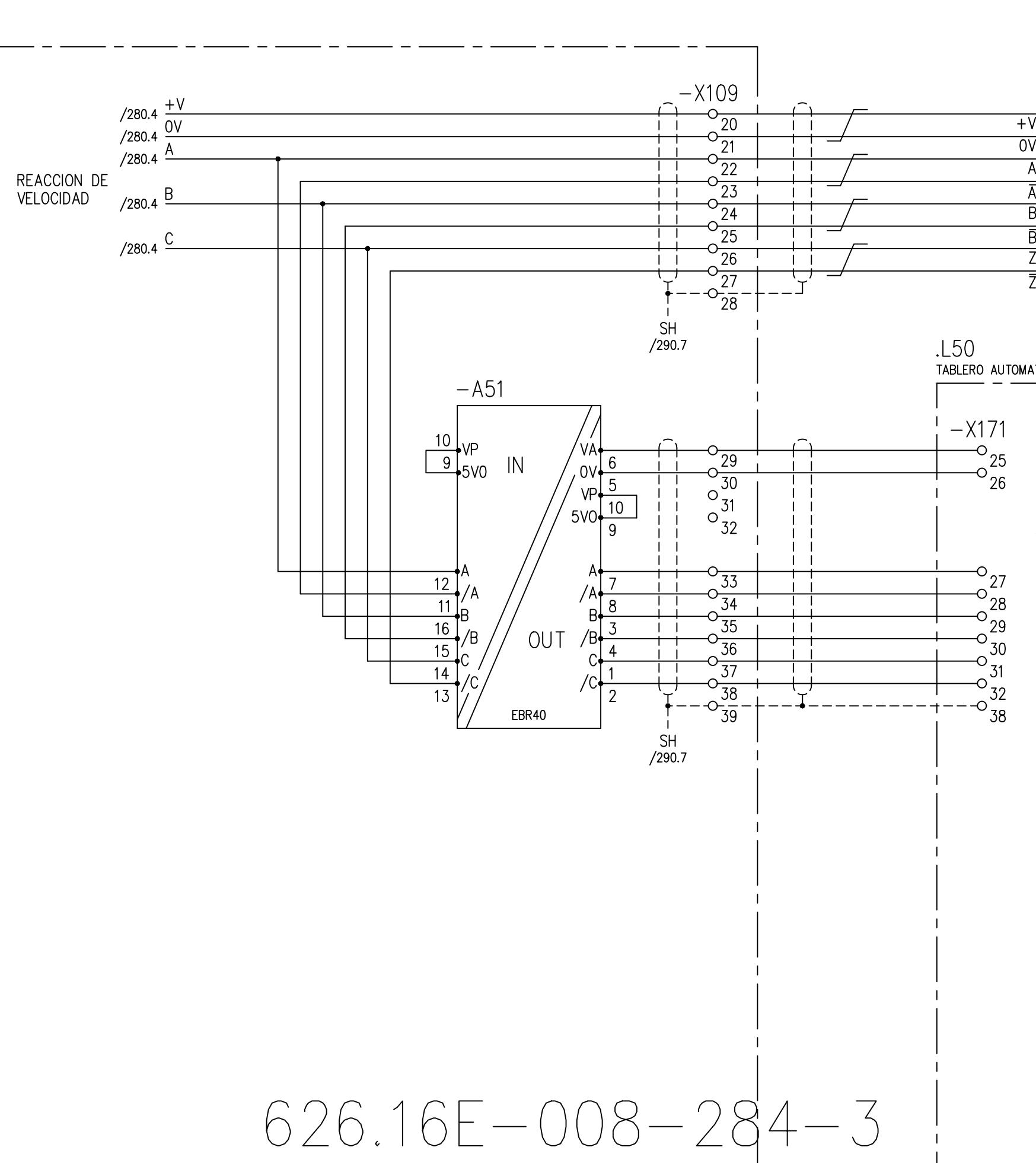
626.16E-008-283-3

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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC					
	Obtenido de:		Reemplazo para:	Reemplaz. por:	Descript.			30620	Nº: 3062-D30-E3302	Hoja 283 284 Sigue

-F02W1006



1024 impuls./giro



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3302-284

-A9
TABLERO CONVERTIDORES

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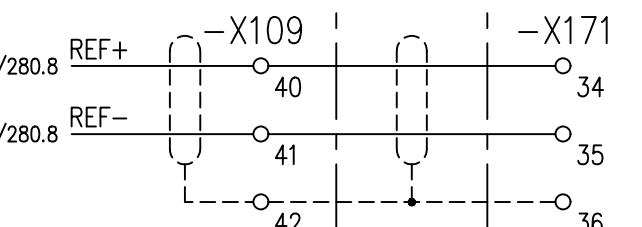


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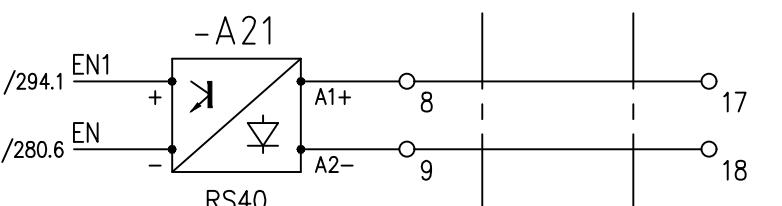
AutoCAD-COMPUTER AIDED DESIGN
3302-286

626.16E-008-286-3

.L50
TABLERO AUTOMATIZACION



REFERENCIA
DE VELOCIDAD
ñ10V
/413.6



APROBACION
MARCHA
/413.6

RED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

- VELOCIDAD CERO
- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD
- EXTRACARRERA ADELANTE
- EXTRACARRERA ATRAS

RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR

- PRESET ON
- PRESET OFF
- EXTRACARRERA BY-PASS

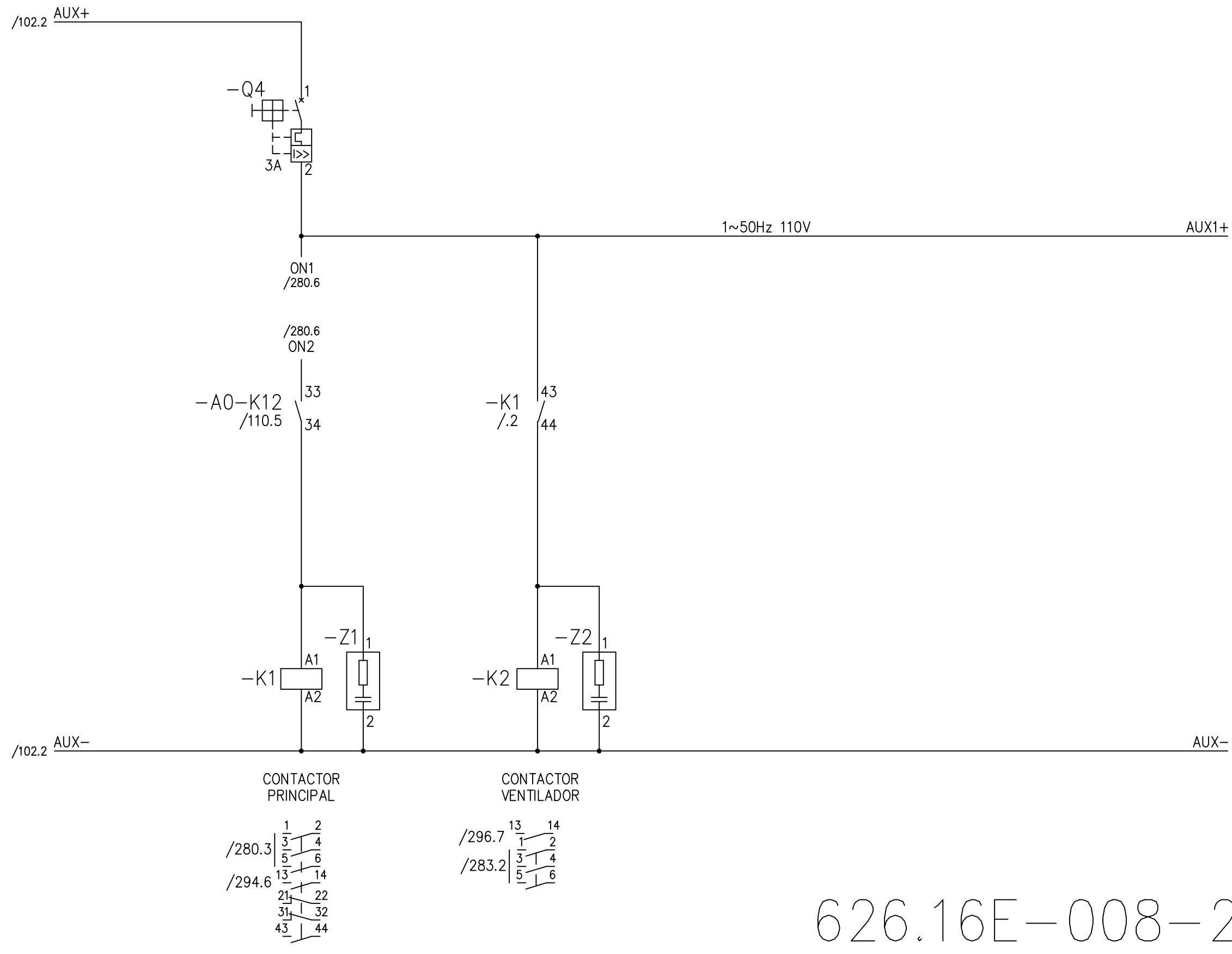
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Hoja 286
									288 Sigue

-A9
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3302288



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-A9
TABLERO CONVERTIDORES

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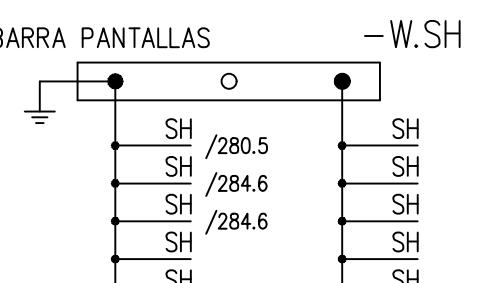
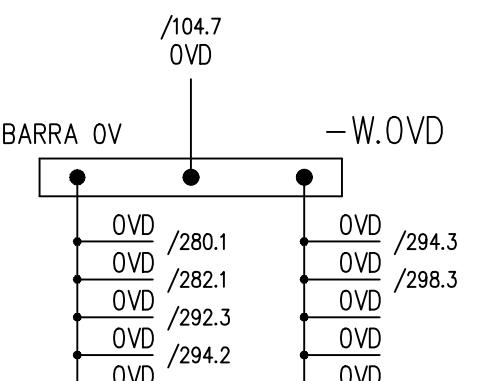
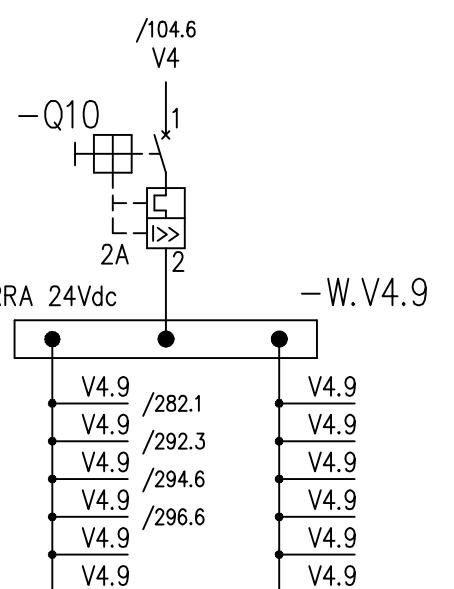


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AutoCAD-COMPUTER AIDED DESIGN
3302-290

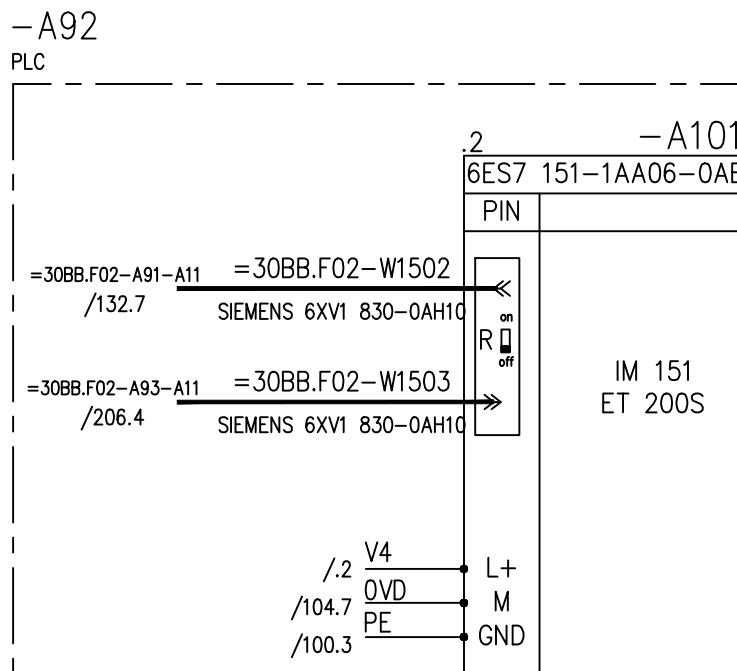
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626.16E-008-290-4



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302 Hoja 290
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						292 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC				Obtenido de:	Reemplazo para: Reemplaz. por: Descript.

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.3 -A102
138-4CA01-0AA0
PIN DIRECCION REFER.

2	L+	
3	M	
6	L+	
7	M	

.4 -A103
6ES7 135-4FB01-0AB0
PIN DIRECCION REFER.

1	QV	
2	S ⁺	PW292
3	M _a	/306.4
4	S ⁻	
5	QV	
6	S ⁺	PW294
7	M _a	/322.4
8	S ⁻	

.5 -A104
6ES7 135-4FB01-0AB0
PIN DIRECCION REFER.

1	QV	
2	S ⁺	PW296
3	M _a	/342.4
4	S ⁻	
5	QV	
6	S ⁺	PW298
7	M _a	/***
8	S ⁻	

.6 -A105
6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.

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2	I250.2	/294.5
5	I250.1	/294.5
6	I250.3	/294.5

.7 -A106
6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.

1	I250.4	/294.5
2	I250.6	/294.5
5	I250.5	/294.5
6	I250.7	/294.5

.1 -A107
6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.

1	I251.0	/296.5
2	I251.2	/296.5
5	I251.1	/296.5
6	I251.3	/296.5

.2 -A108
6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.

1	I251.4	/296.5
2	I251.6	/296.5
5	I251.5	/296.5
6	I251.7	/296.5

.3 -A109
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.

1	Q252.0	/294.4
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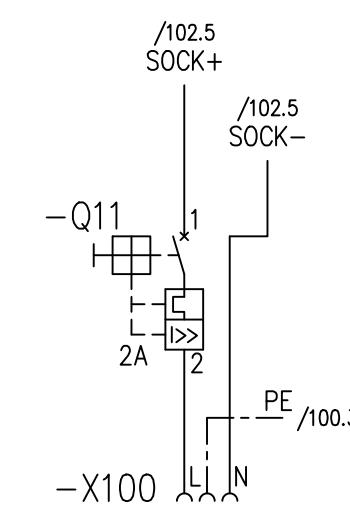
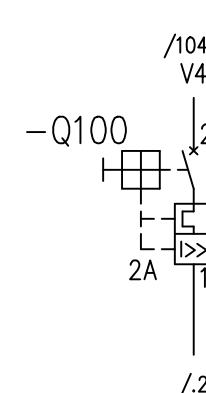
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.5 -A111
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.

1	Q253.0	/296.4
2	Q253.2	/296.4
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6	Q253.3	/296.4

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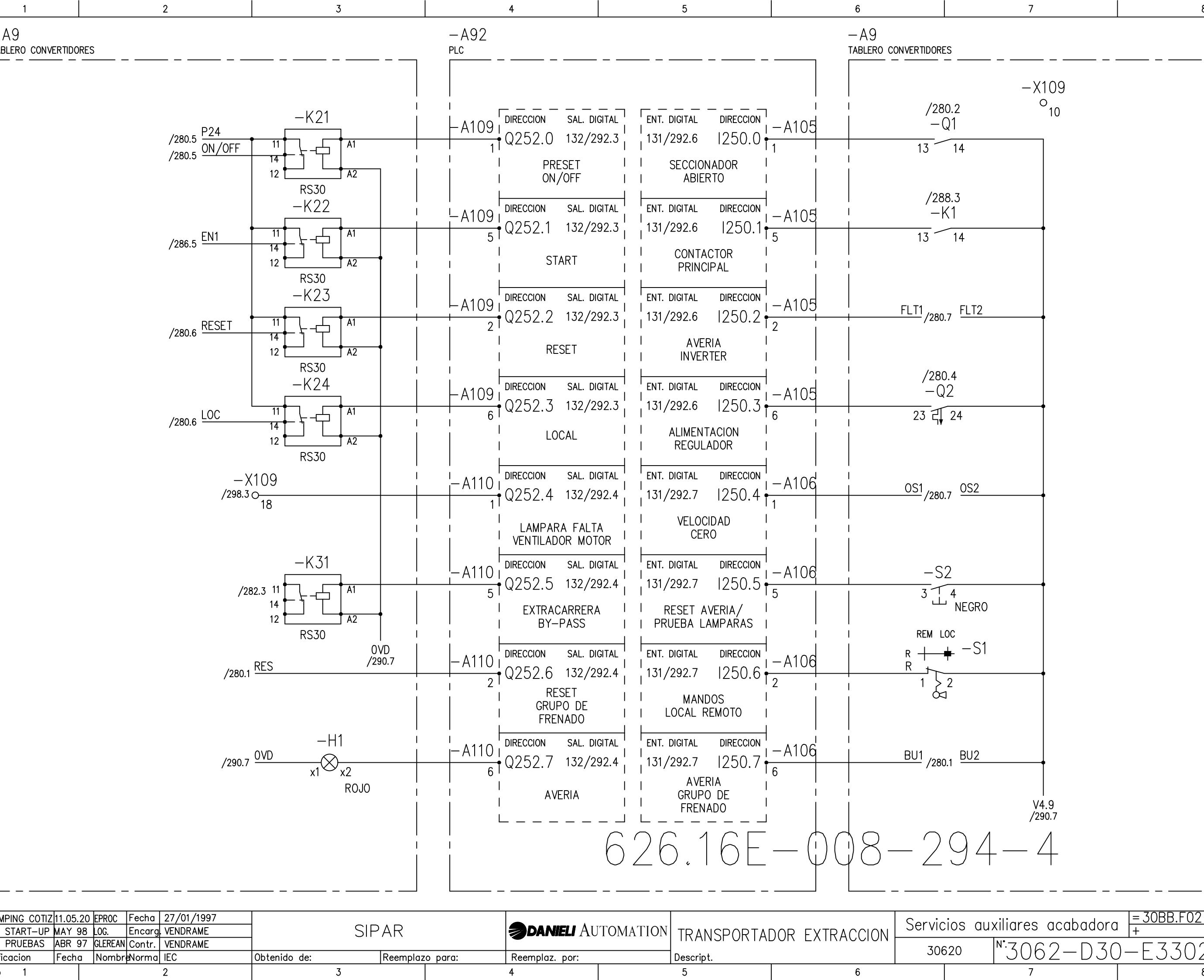
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2	Q253.6	/296.4
5	Q253.5	/296.4
6	Q253.7	/296.4



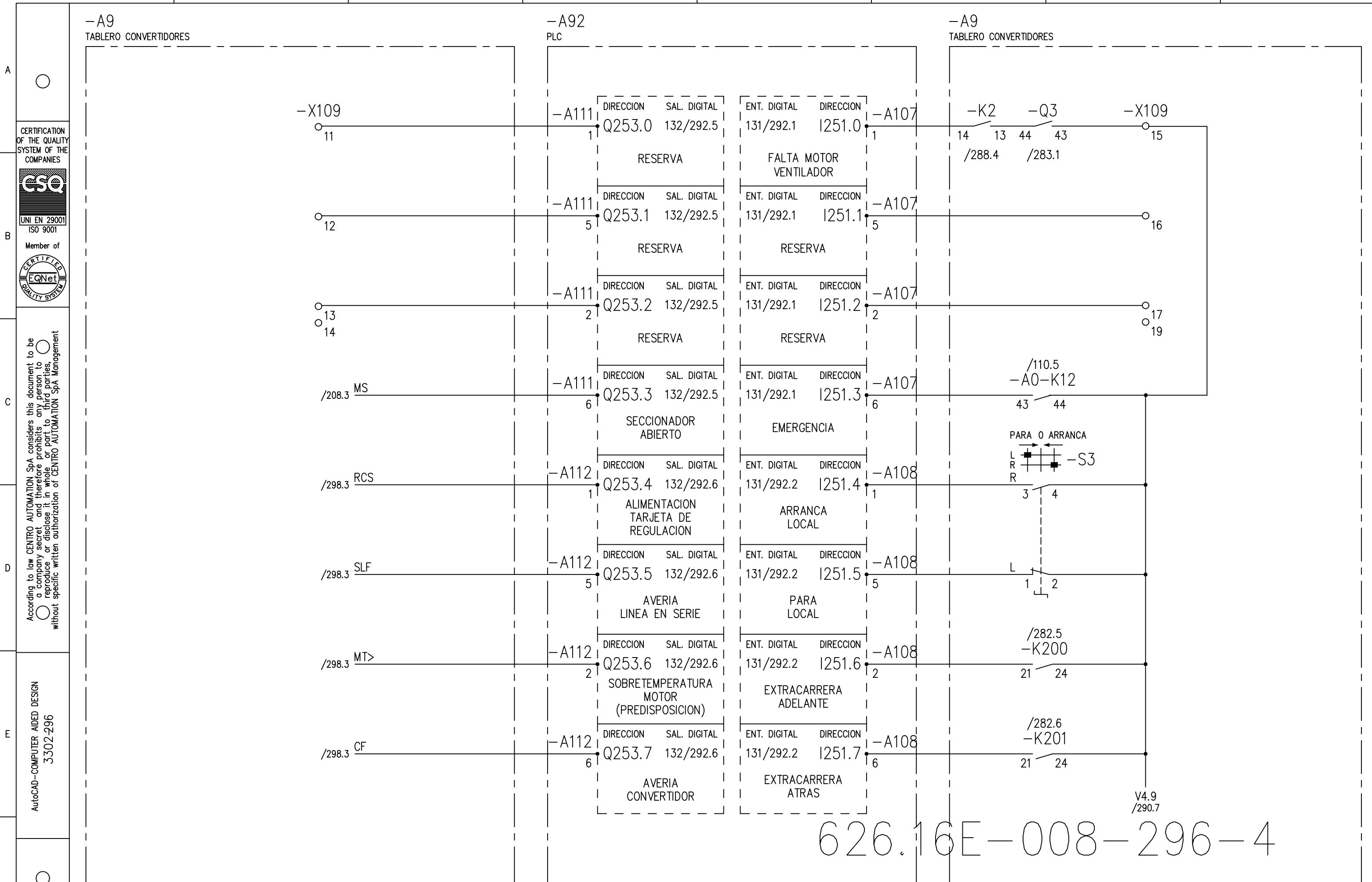
TOMA DE CORRIENTE
1~50Hz 220V

626.16E-008-292-5

5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº: 3062-D30-E3302	Hoja 292
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		Sigue 294



4	REVAMPING_COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
2	DESP. PRUEBAS	ABR 97	CLERAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 294
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Sigue 296



4	REVAMPING_COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP MAY 98	LOG.	Encarg.	VENDRAME	+ 30620					
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	Nº 3062-D30-E3302				Hoja 296	
	Modificacion	Fecha	Nombre	Norma	IEC					Sig 298
ft. DIN6771/Teil 5 1			2		3	4	5	6	7	8
Obtenido de:		Reemplazo para:		Reemplaz. por:		Descript.				

-A9
TABLERO CONVERTIDORES

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AutoCAD-COMPUTER AIDED DESIGN
3302-298

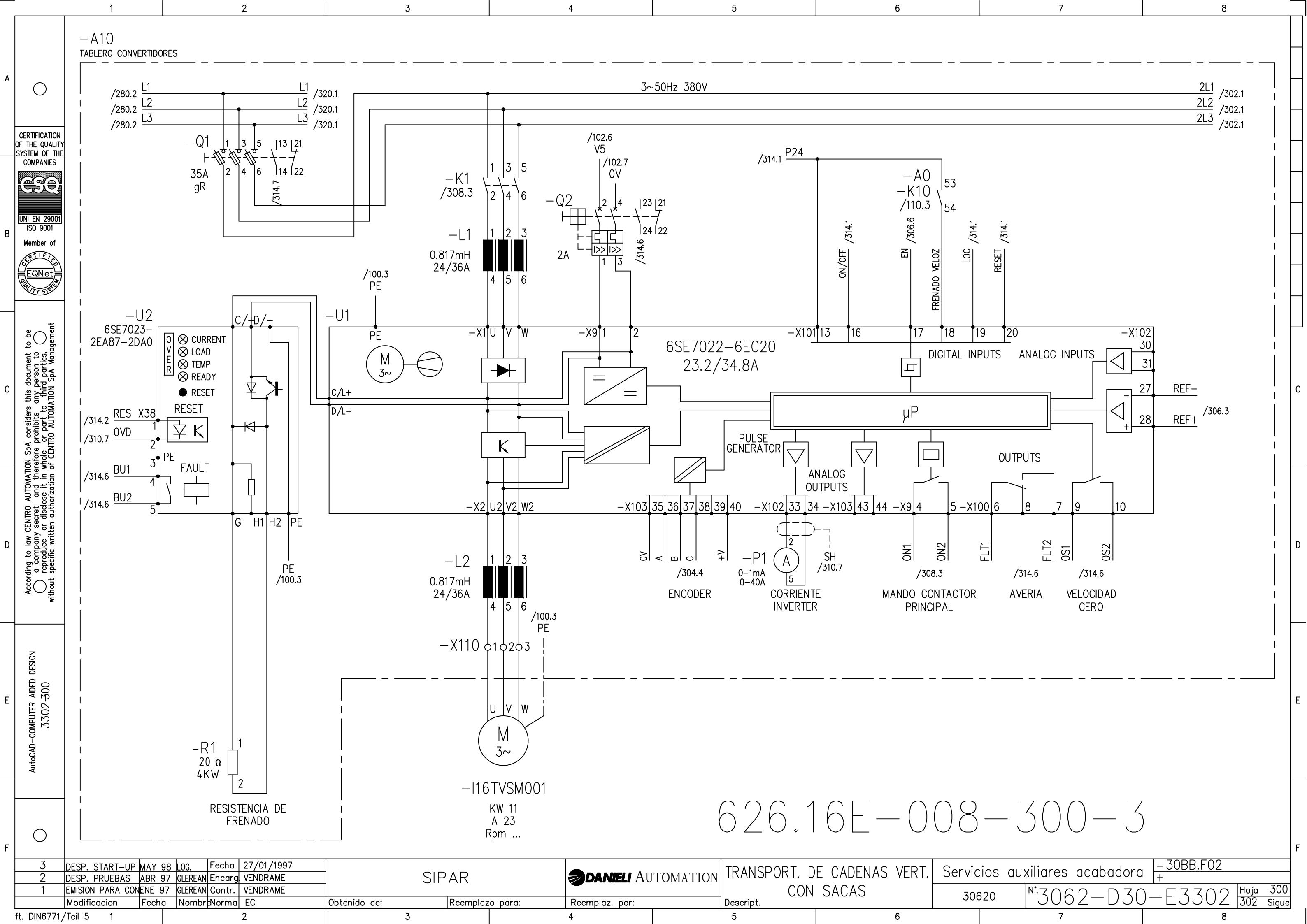
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-H10 CZ011

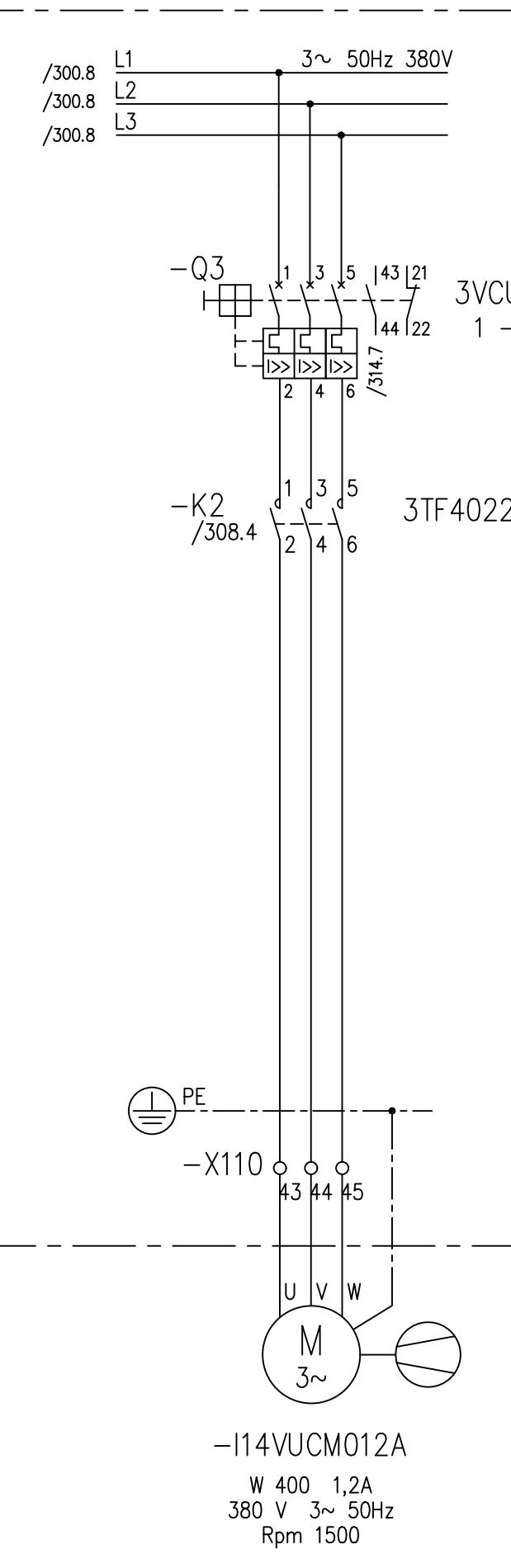
PIN	ETIQUETA	REFER.
/296.2 RCS	1	ALIMENTACION REGULACION
/296.2 SLF	2	FALTA LINEA EN SERIE
/296.2 MT>	3	
/296.2 CF	4	FALTA CONVERTIDOR
/296.2 MS	5	SECCIONADOR PRINCIPAL ABIERTO
/294.2	6	FALTA VENTILADOR MOTOR
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/290.7 OVD	16	0V

626.16E-008-298-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Hoja 298	300 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	



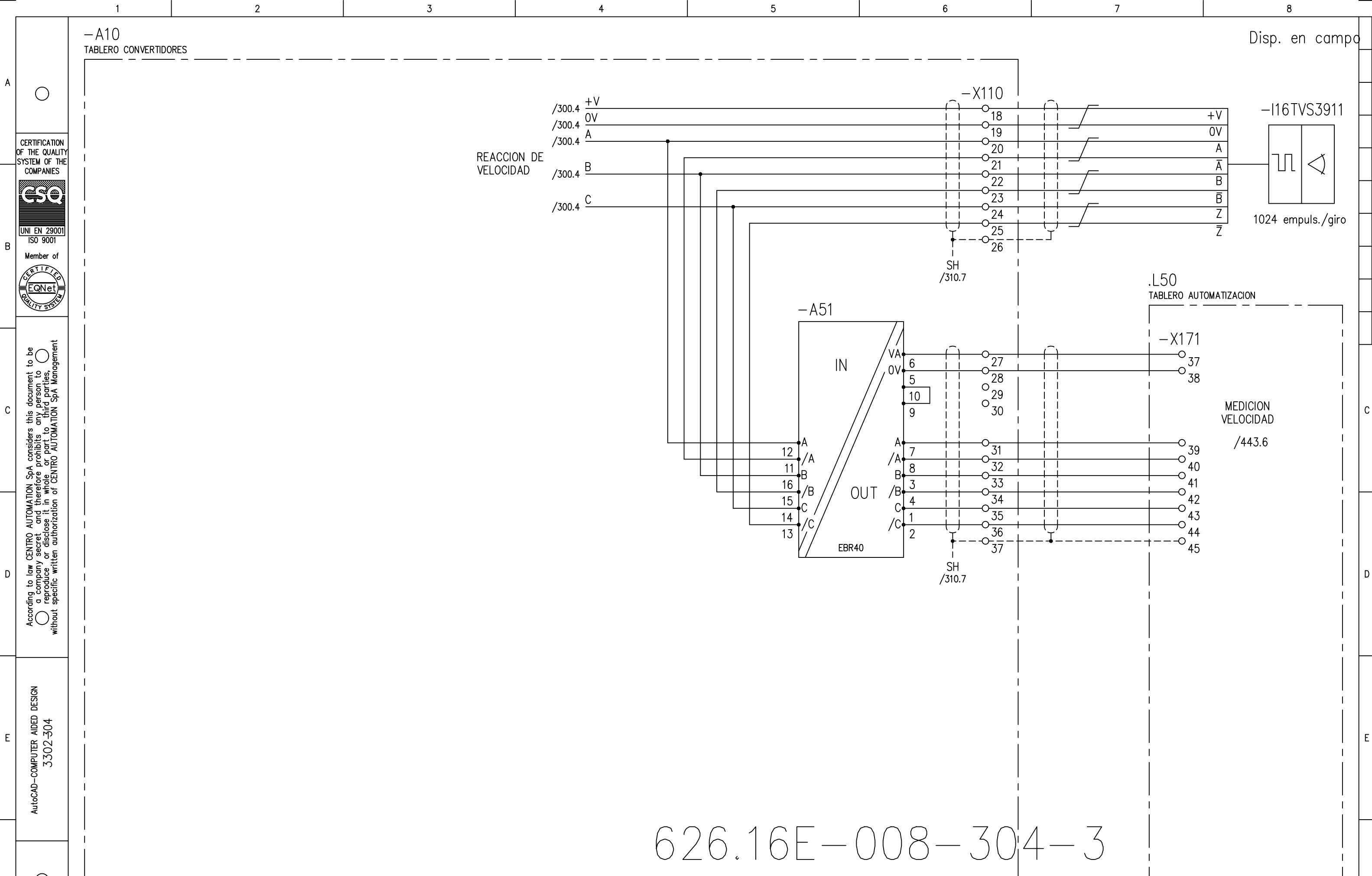
A ○
 CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES
CSQ
 UNI EN 29001 ISO 9001 Member of
CERTIFIED Quality System
 B ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management
 C ○
 D ○
 E ○
 F ○



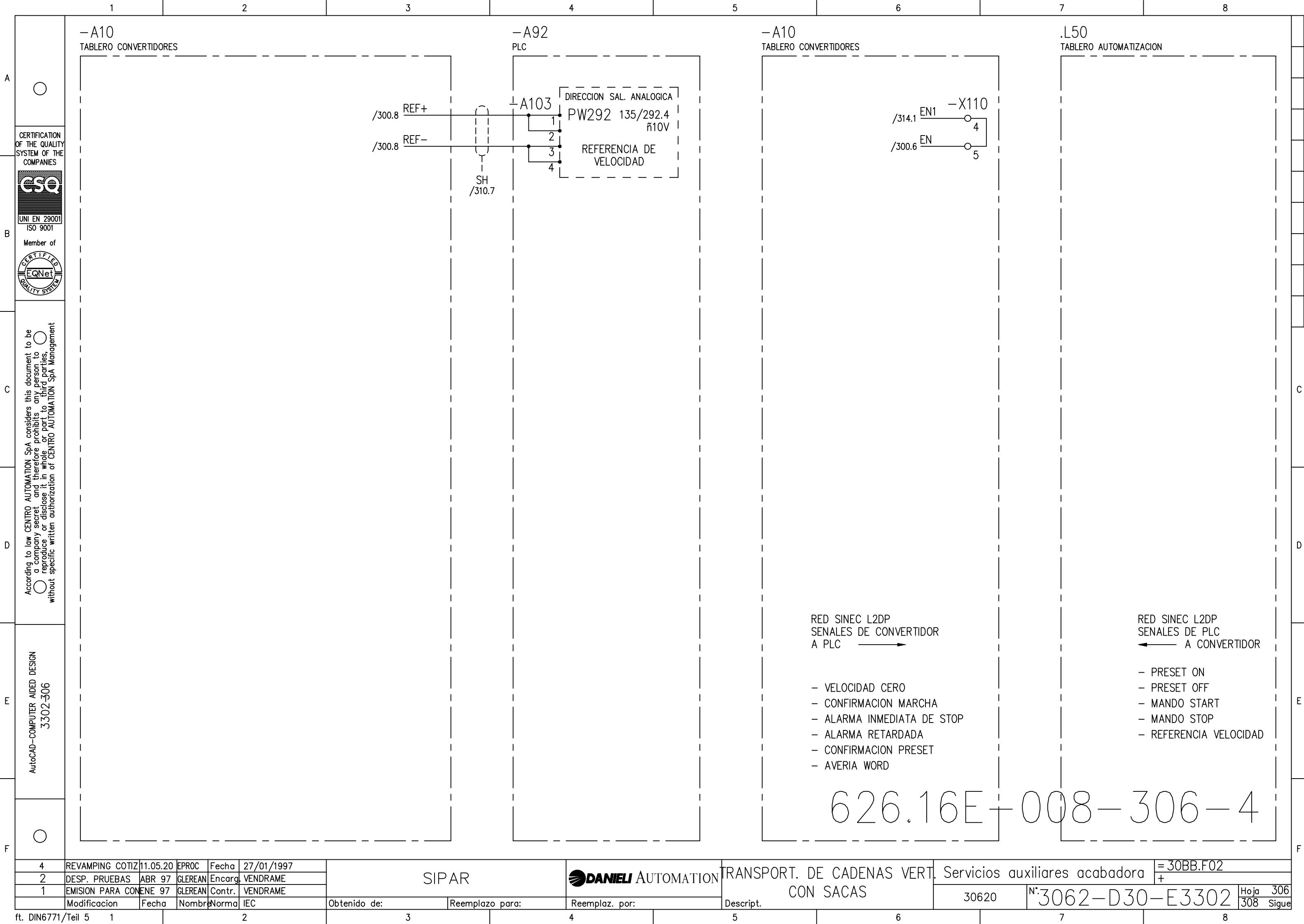
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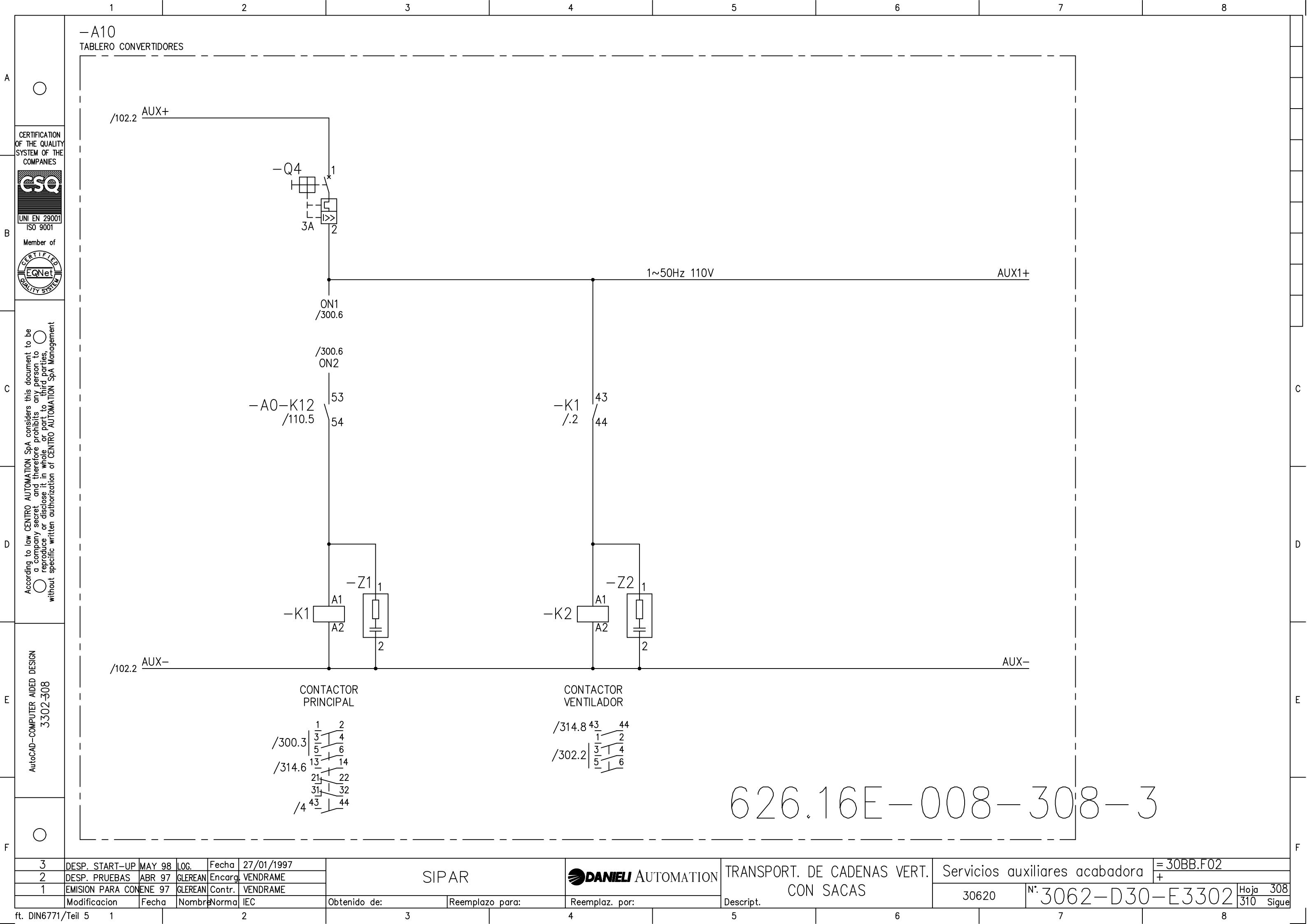
-I14VUCM012A
 W 400 1,2A
 380 V 3~ 50Hz
 Rpm 1500

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSP. DE CADENAS VERT. CON SACAS	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	3062-D30-E3302
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Hoja 302 304 Sigue	
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	



3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORT. DE CADENAS VERT. CON SACAS	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 304 306 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		





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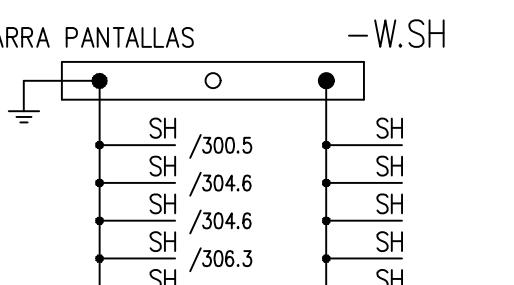
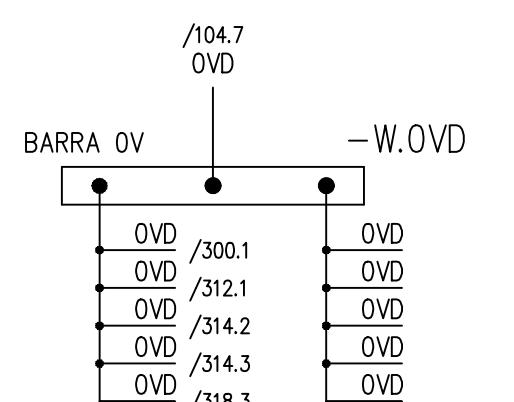
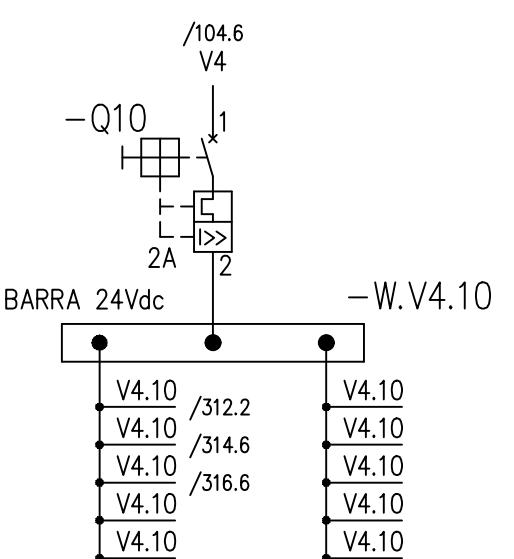


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AutoCAD-COMPUTER AIDED DESIGN
3302-310

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORT. DE CADENAS VERT. CON SACAS	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ VENDRAME	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.				VENDRAME	
	Modificacion	Fecha	Nombre	Norma				Obtenido de:	Reemplazo para: Reemplaz. por: Descript.

626.16E-008-310-3

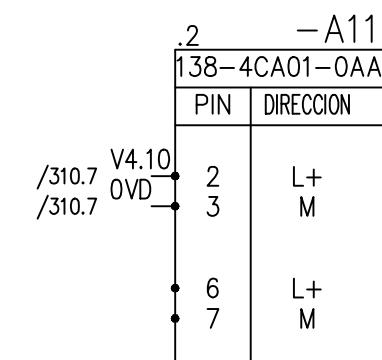


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AutoCAD-COMPUTER AIDED DESIGN
3302-312

.3 -A114

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PIN DIRECCION REFER.
1 I254.0 / 314.5
2 I254.2 / 314.5
5 I254.1 / 314.5
6 I254.3 / 314.5

.4 -A115

6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.
1 I254.4 / 314.5
2 I254.6 / 314.5
5 I254.5 / 314.5
6 I254.7 / 314.5

.5 -A116

6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.
1 I255.0 / 316.5
2 I255.2 / 316.5
5 I255.1 / 316.5
6 I255.3 / 316.5

.6 -A117

6ES7 131-4BD01-0AA0
PIN DIRECCION REFER.
1 I255.4 / 316.5
2 I255.6 / 316.5
5 I255.5 / 316.5
6 I255.7 / 316.5

.3 -A118

6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.
1 Q256.0 / 314.3
2 Q256.2 / 314.3
5 Q256.1 / 314.3
6 Q256.3 / 314.3

.4 -A119

6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.
1 Q256.4 / 314.3
2 Q256.6 / 314.3
5 Q256.5 / 314.3
6 Q256.7 / 314.3

.5 -A120

6ES7 132-4BD02-0AA0
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2 Q257.2 / 316.3
5 Q257.1 / 316.3
6 Q257.3 / 316.3

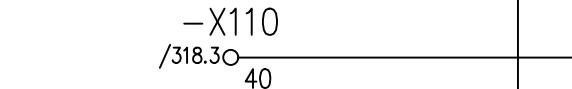
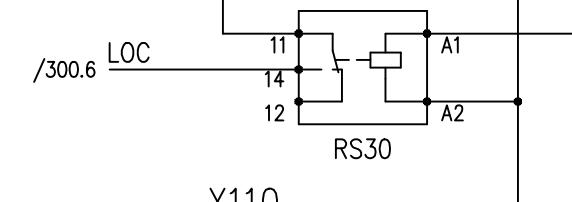
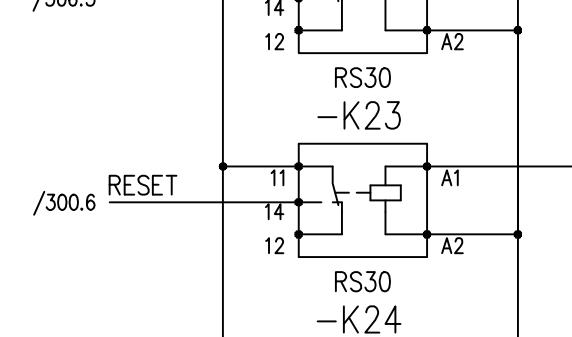
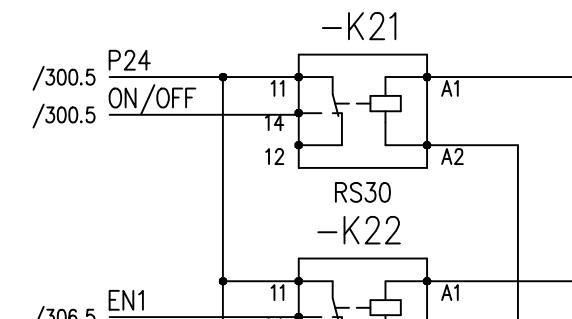
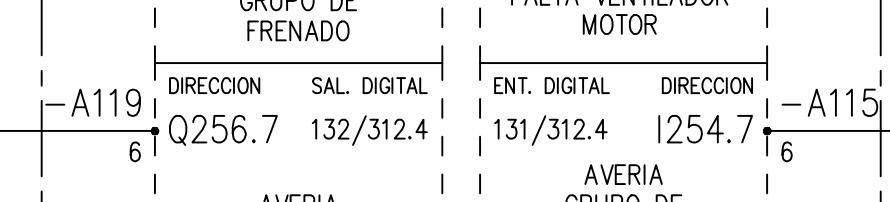
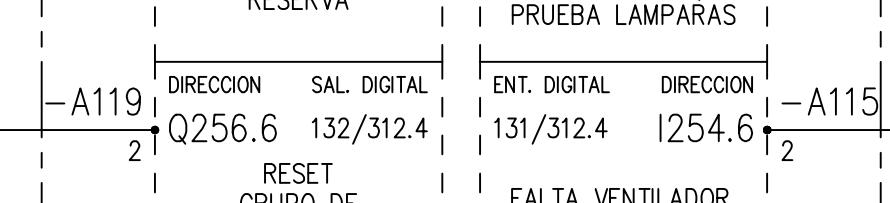
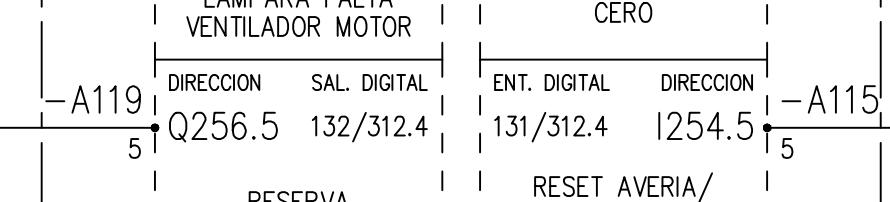
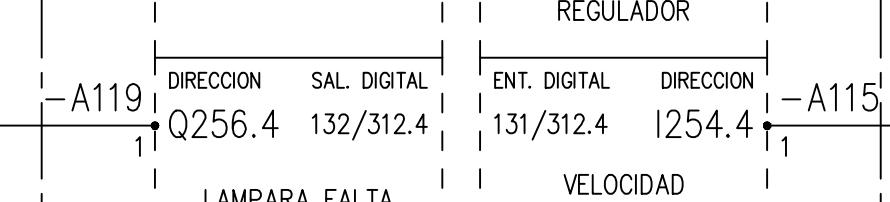
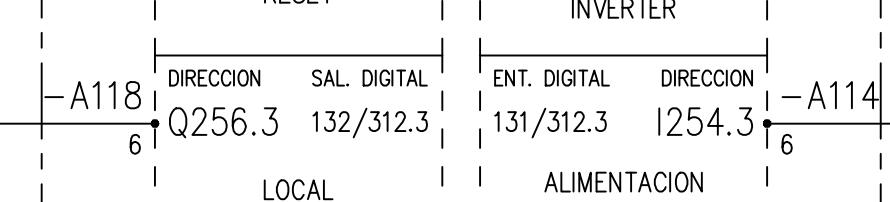
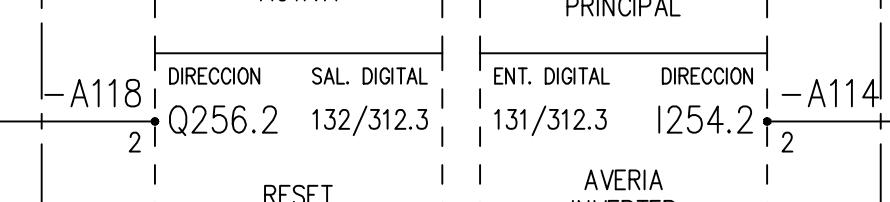
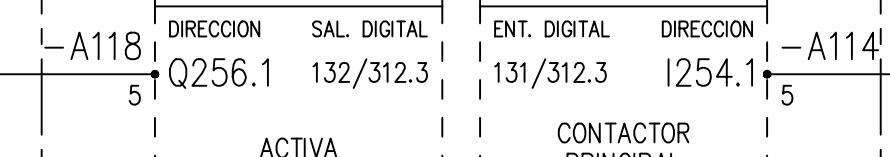
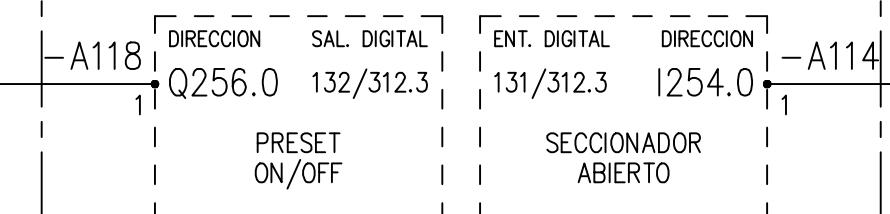
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6ES7 132-4BD02-0AA0
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5 Q257.5 / 316.3
6 Q257.7 / 316.3

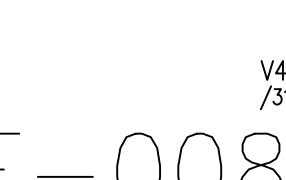
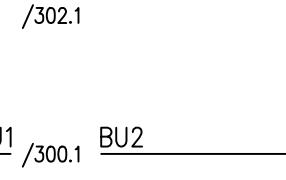
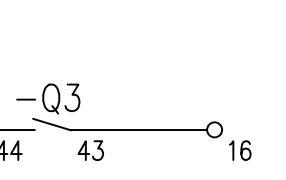
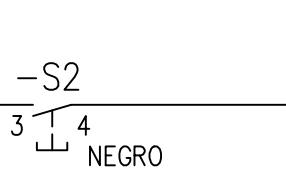
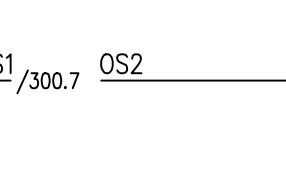
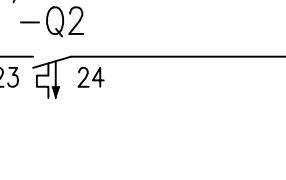
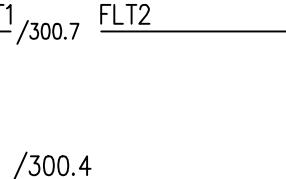
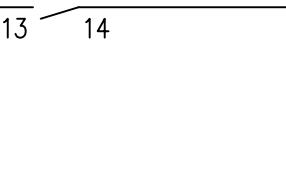
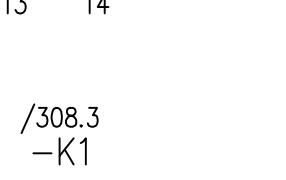
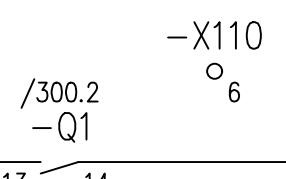
626.16E-008-312-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR		TRANSPORT. DE CADENAS VERT. CON SACAS	Servicios auxiliares acabadora	=30BB.F02
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+30620	
	Modificacion	Fecha	Nombre	Norma	IEC				Nº 3062-D30-E3302	Hoja 312
	Obtenido de:		Reemplazo para:		Reemplaz. por:					Sigue 314

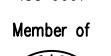
-A10
TABLERO CONVERTIDORES

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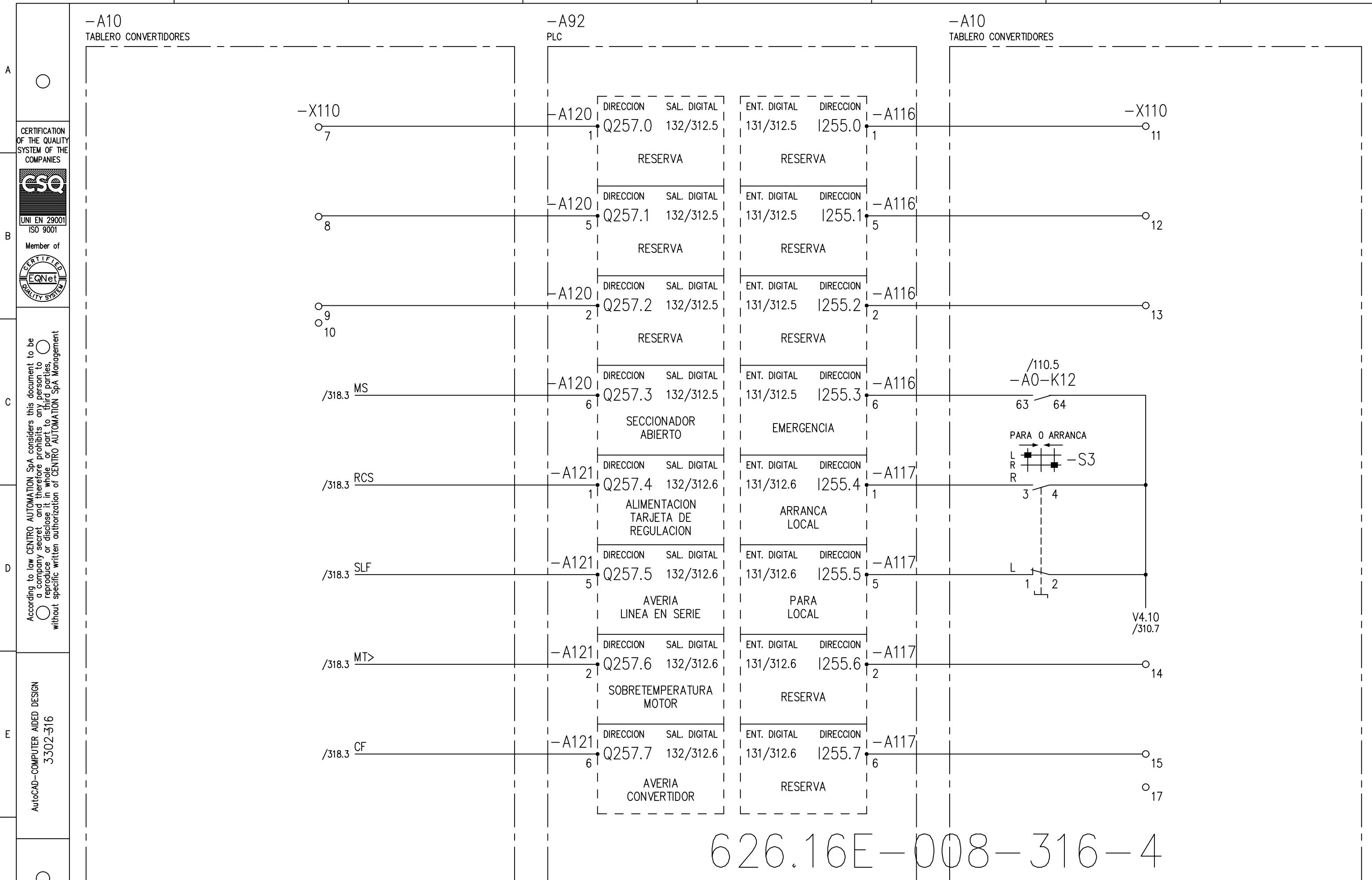
AutoCAD-COMPUTER AIDED DESIGN
3302-314

SIPAR

DANIELI AUTOMATION

TRANSPORT. DE CADENAS VERT.
CON SACASServicios auxiliares acabadora
+
30620 N° 3062-D30-E3302 Hoja 314
316 Sigue

626 16E-008-314-4



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORT. DE CADENAS VERT. CON SACAS	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 316
	Modificacion	Fecha	Nombre	Norma	IEC					318 Sigue
ft. DIN6771/Teil 5	1		2		3	4	5	6	7	8

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AutoCAD-COMPUTER AIDED DESIGN
3302-318

-H10 CZ011		
PIN	ETIQUETA	REFER.
/316.2 RCS	1 ALIMENTACION REGULACION	
/316.2 SLF	2 FALTA LINEA EN SERIE	
/316.2 MT>	3	
/316.2 CF	4 FALTA CONVERTIDOR	
/316.2 MS	5 SECCIONADOR PRINCIPAL ABIERTO	
/314.2	6 FALTA VENTILADOR MOTOR	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/310.7 OVD	16 OV	

626.16E-008-318-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
---	---------------	--------	---------	---------	----------

1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
---	------------------------	---------	--------	----------	--

Modificacion	Fecha	Nombre	Norma	IEC	
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SIPAR

DANIELI AUTOMATION

TRANSPORT. DE CADENAS VERT.
CON SACAS

Servicios auxiliares acabadora

=30BB.F02

+

30620

Nº 3062-D30-E3302

Hoja 318
320 Sigue

ft. DIN6771/Teil 5 1

2

3

4

5

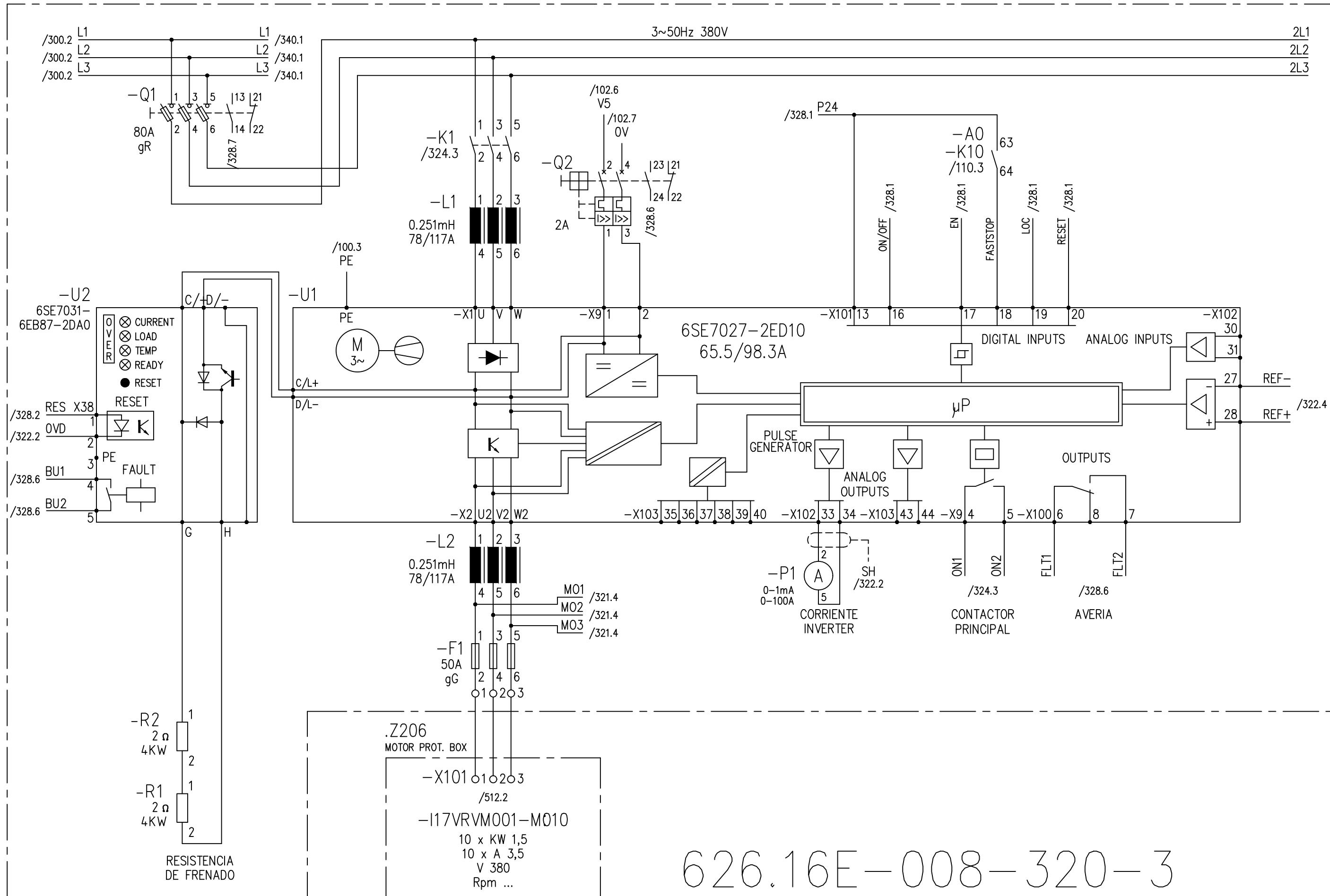
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-A11
TABLERO CONVERTIDORES

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626.16E-008-320-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT.	Servicios auxiliares acabadora		= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+		
1	EMISION PARA CONENE	97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 320
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.		321 Sigue
6	DIN6771/Tabl. 5	1	9	7	4	5	6	7	8	9	

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TABLERO CONVERTIDORES

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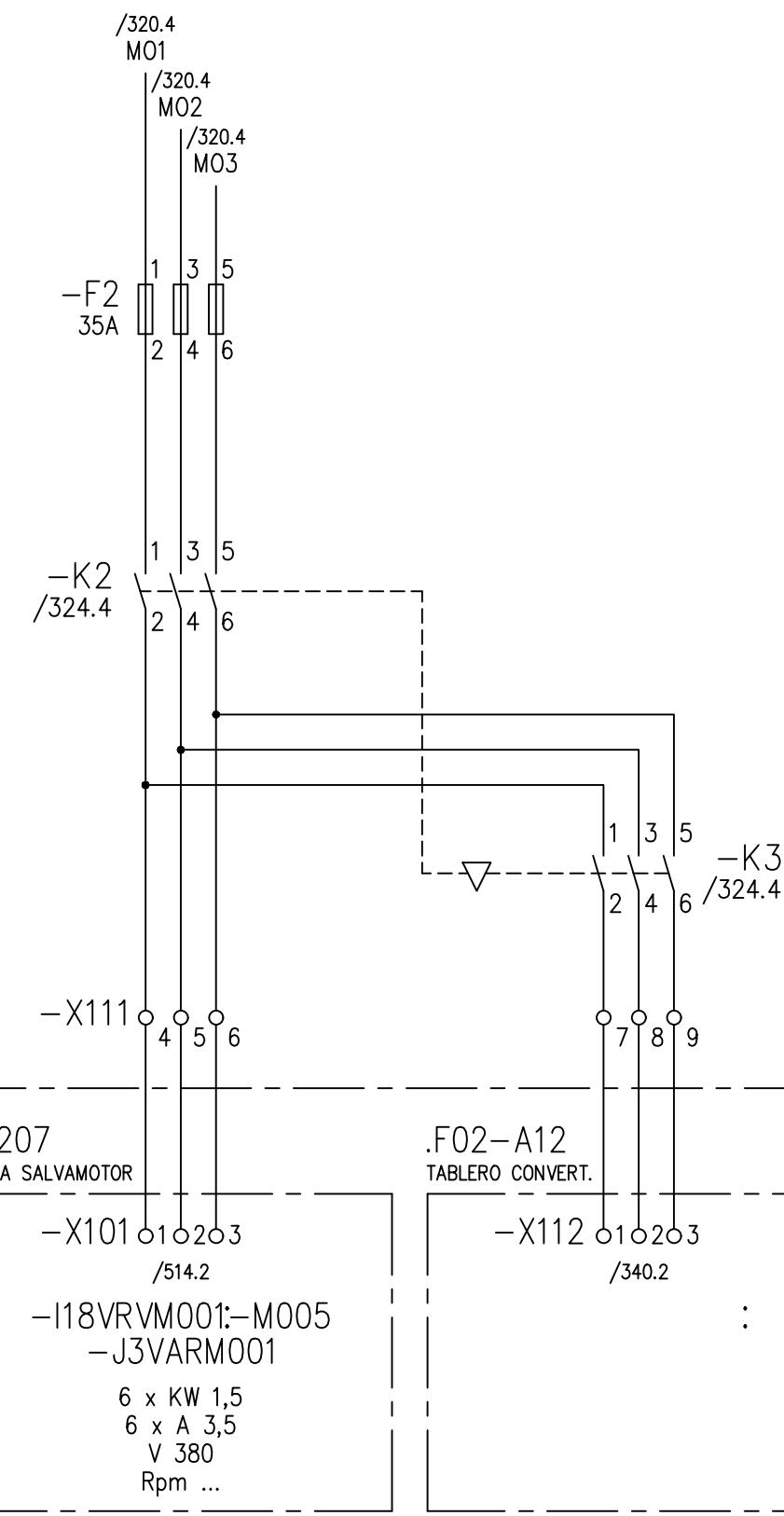


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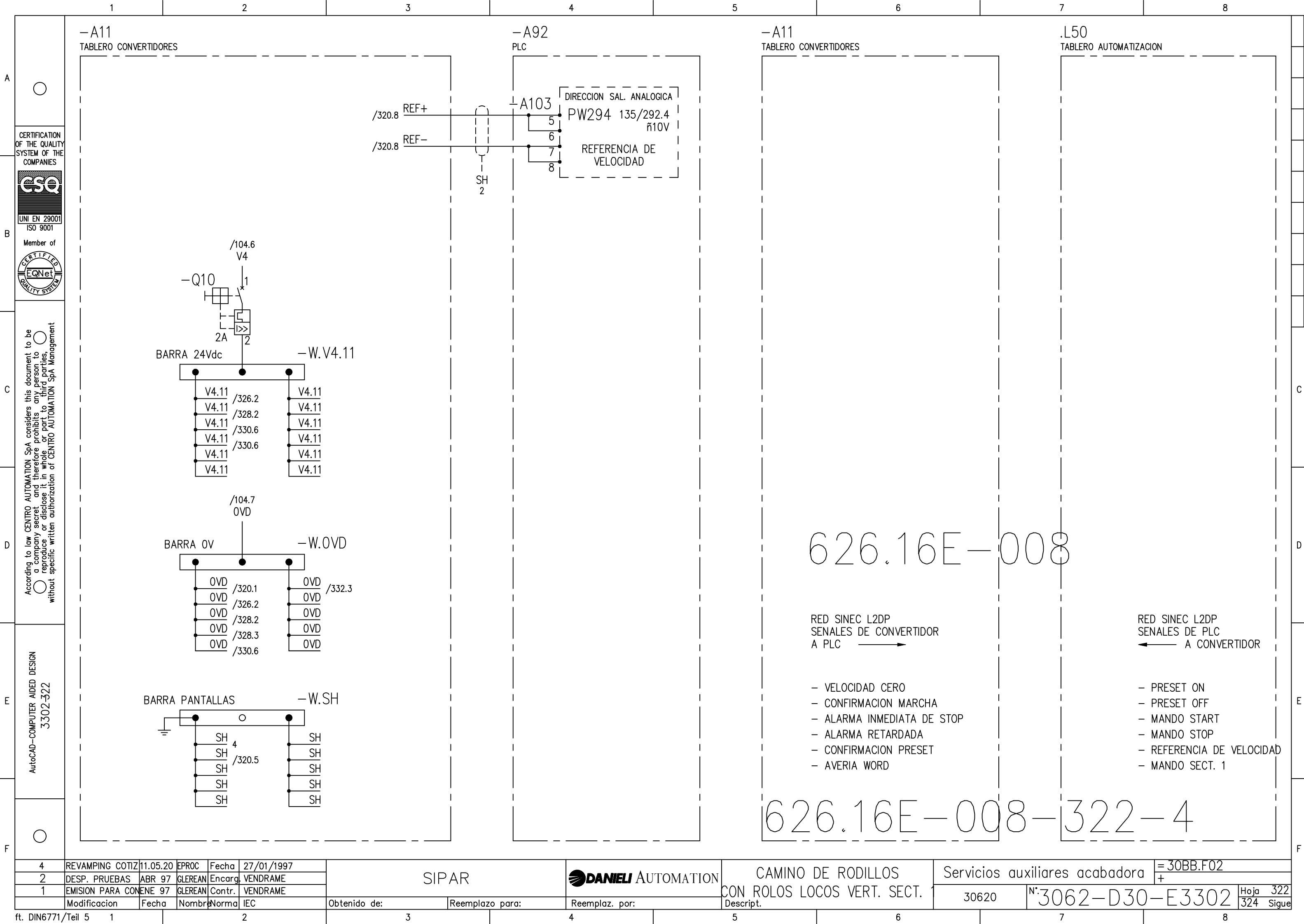
AutoCAD-COMPUTER AIDED DESIGN
3302 321



626.16E-008

626.16E-008-321-3

3				Fecha 27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg. VENDRAME					+ 30BB.F02
1	EMISION PARA CONENE 97	CLEREAN	Contr. VENDRAME	CON ROLOS LOCOS VERT. SECT.			30620	Nº: 3062-D 30-E 3302	Hoja 321



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TABLERO CONVERTIDORES

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COMPANIES



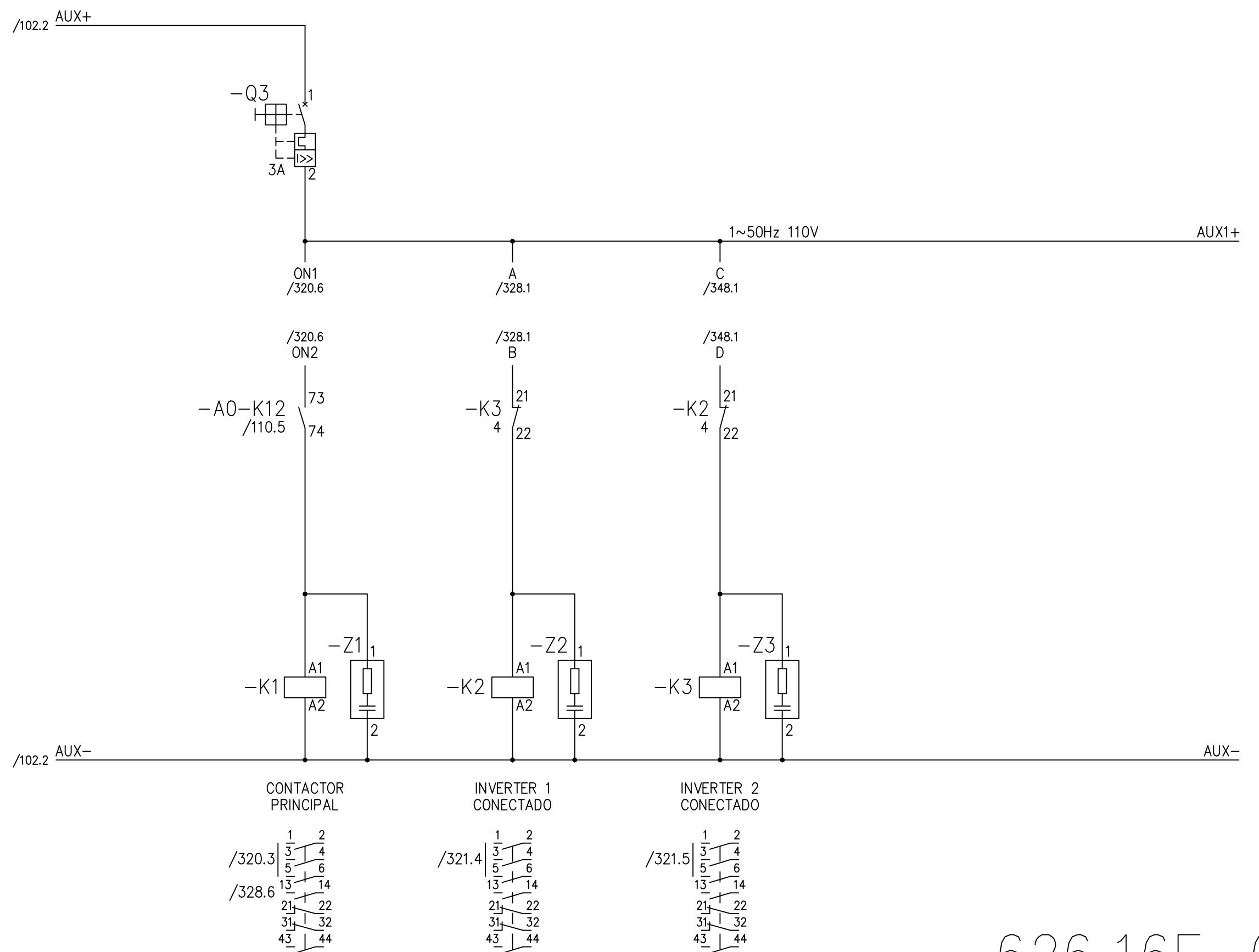
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ISO 9001

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AutoCAD-COMPUTER AIDED DESIGN
3.302-324



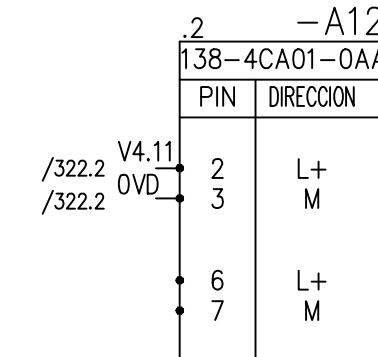
3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT.	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+324
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
	Modificacion	Fecha	Nombre	Norma	IEC					
ft. DIN6771/Teil 5	1					Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
		2								
			3							
				4						
					5					
						6				
							7			
								8		

-A92

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3302-326

.3 -A123
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I258.0	/328.5
2	I258.2	/328.5
5	I258.1	/328.5
6	I258.3	/328.5

.4 -A124
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I258.4	/328.5
2	I258.6	/328.5
5	I258.5	/328.5
6	I258.7	/328.5

.5 -A125
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I259.0	/330.5
2	I259.2	/330.5
5	I259.1	/330.5
6	I259.3	/330.5

.6 -A126
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I259.4	/330.5
2	I259.6	/330.5
5	I259.5	/330.5
6	I259.7	/330.5

.3 -A127
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q260.0	/328.3
2	Q260.2	/328.3
5	Q260.1	/328.3
6	Q260.3	/328.3

.4 -A128
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q260.4	/328.3
2	Q260.6	/328.3
5	Q260.5	/328.3
6	Q260.7	/328.3

.5 -A129
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q261.0	/330.3
2	Q261.2	/330.3
5	Q261.1	/330.3
6	Q261.3	/330.3

.6 -A130
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q261.4	/330.3
2	Q261.6	/330.3
5	Q261.5	/330.3
6	Q261.7	/330.3

626.16E-008-326-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
1	EMISION PARA CON	ENE 97	GLEREAN	Encarg.	VENDRAME
	Modificacion	Fecha	Nombre	Norma	IEC

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Obtenido de: Reemplazo para: Reemplaz. por:

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CAMINO DE RODILLOS
CON ROLOS LOCOS VERT. SECT.
Descript.

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 326
328 Sigue

-A11
TABLERO CONVERTIDORES

-A92
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-A11
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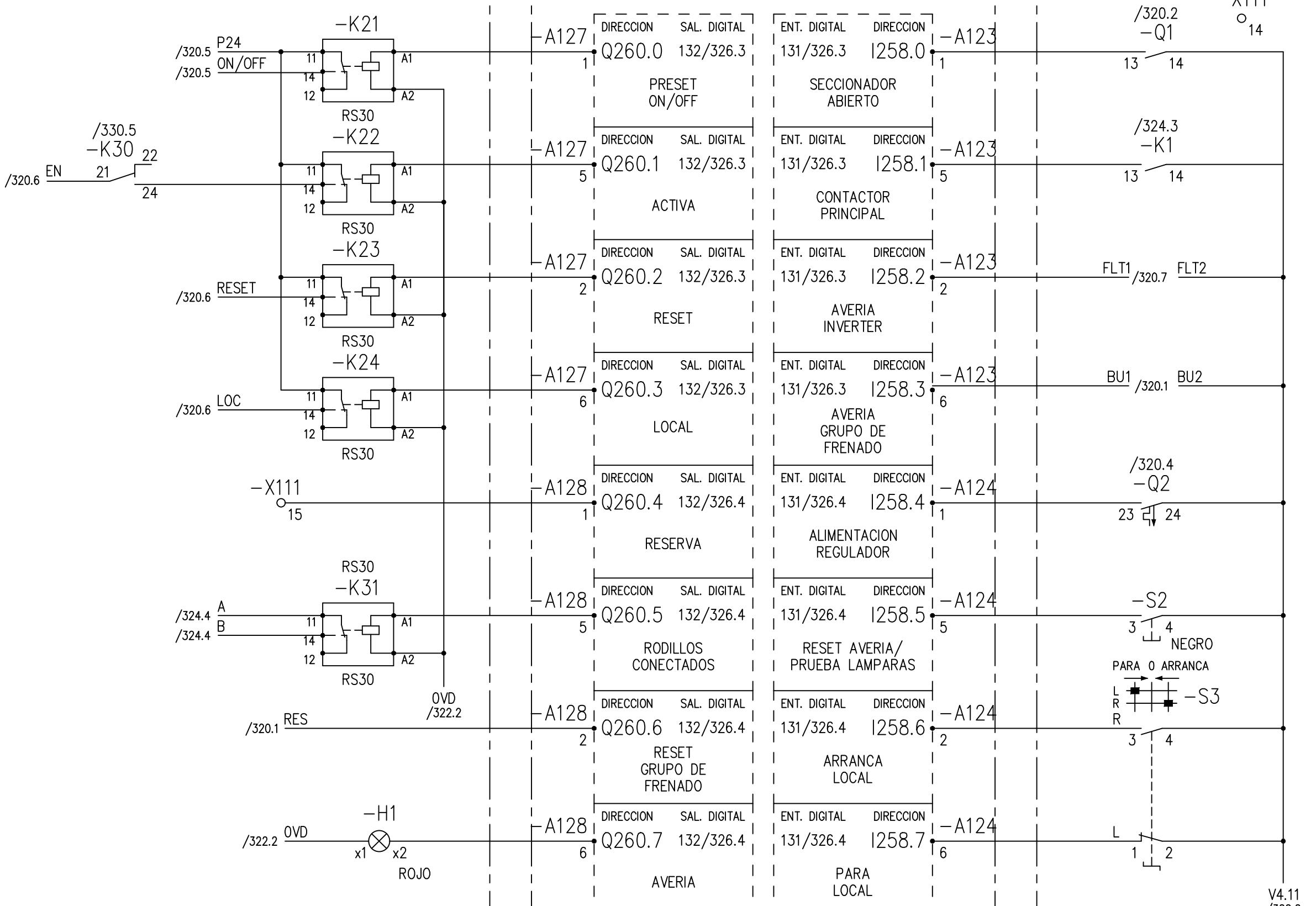


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3302-328



626.16E-008-328-4

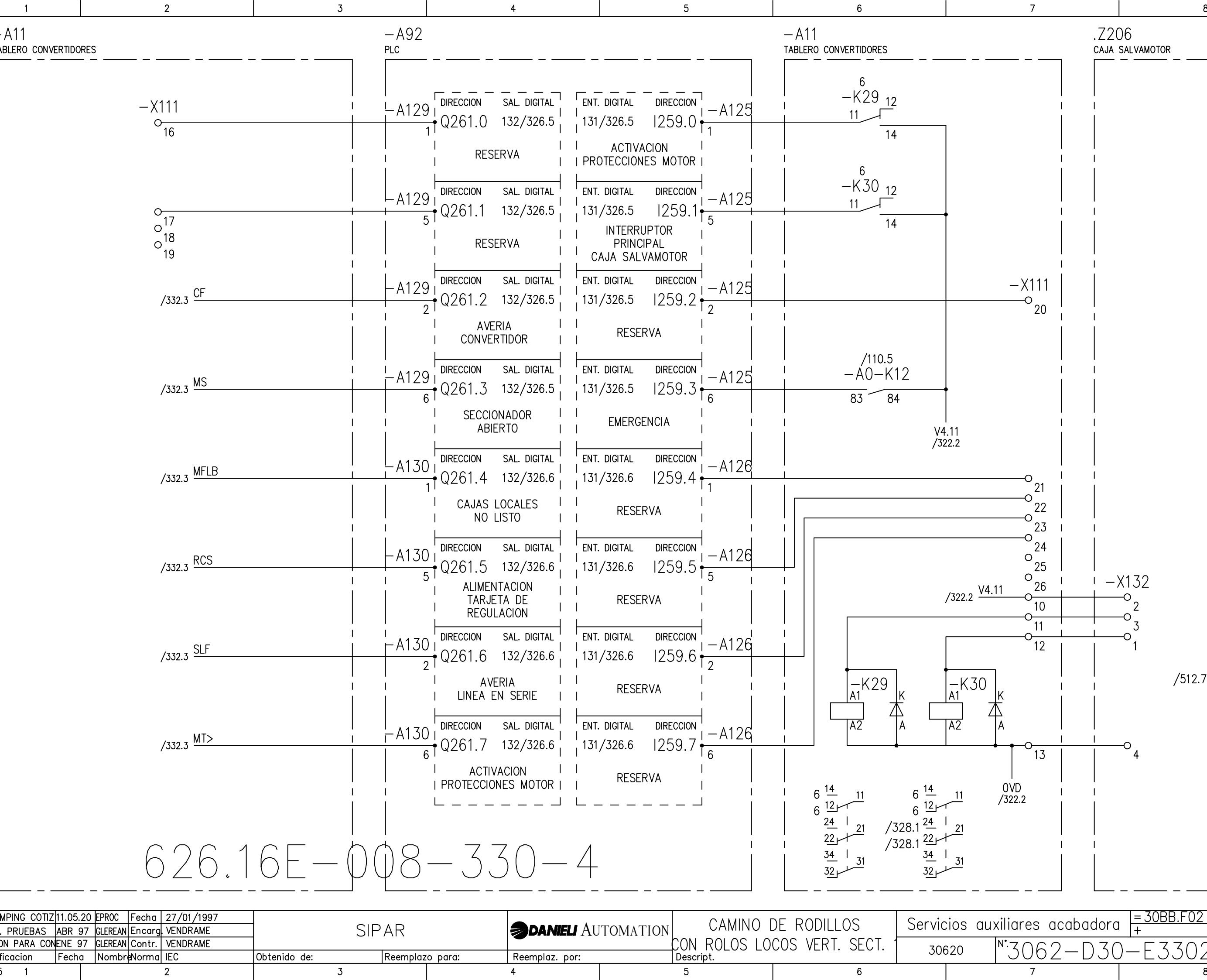
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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg	VENDRAME
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME

SIPAR

DANIELI AUTOMATION

CAMINO DE RODILLOS
CON ROLOS LOCOS VERT. SECT.

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 328
330 Sigue



AutoCAD-COMPUTER AIDED DESIGN
3302-330

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME

SIPAR

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CAMINO DE RODILLOS
CON ROLOS LOCOS VERT. SECT.

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 330
332 Sigue

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TABLERO CONVERTIDORES

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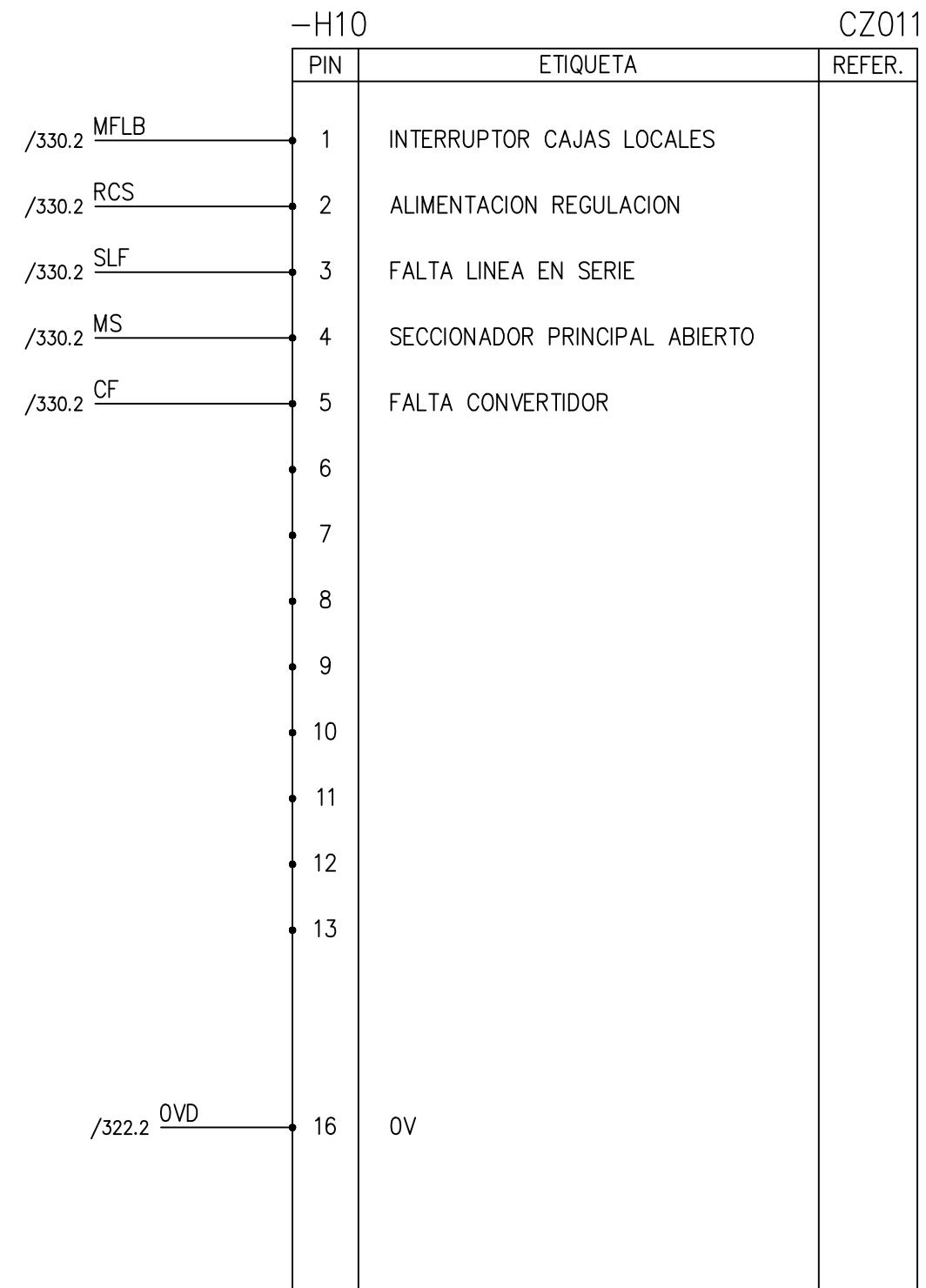
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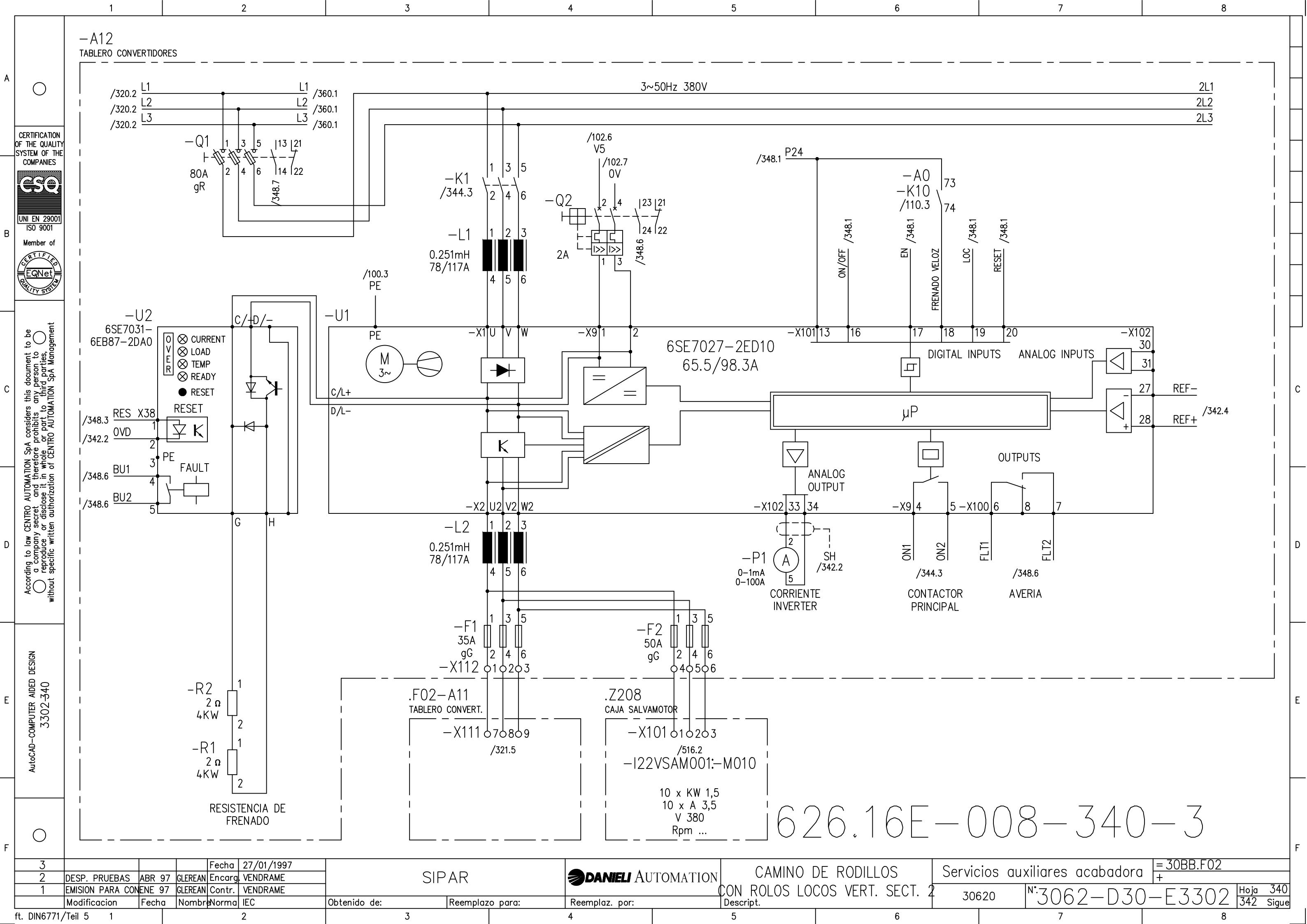
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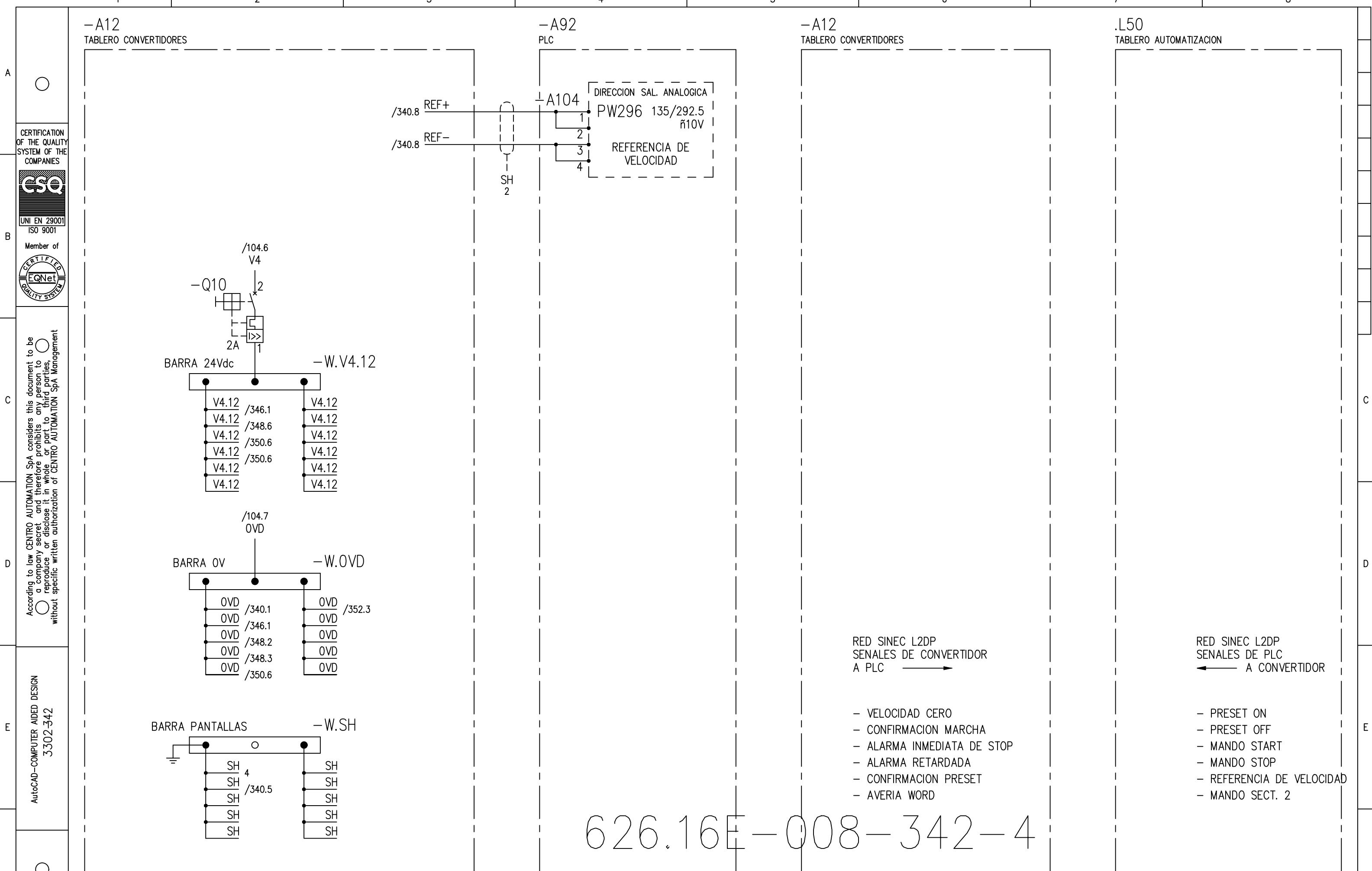
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3302-332

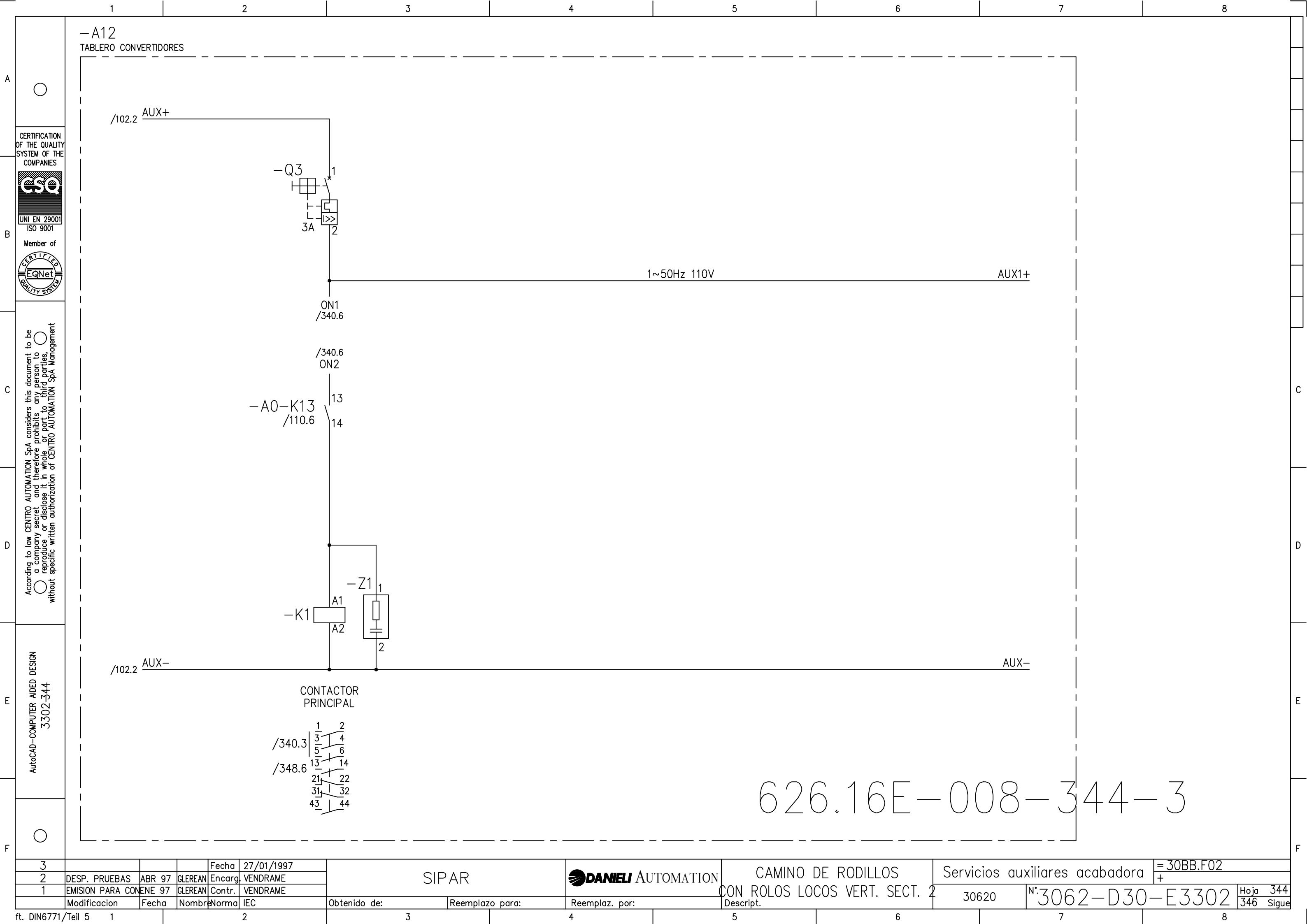


626.16E-008-332-3

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT.	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+340 Sigue
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.					Hoja 332
	Modificacion	Fecha	Nombre	Norma					340 Sigue
ft. DIN6771/Teil 5	1				Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

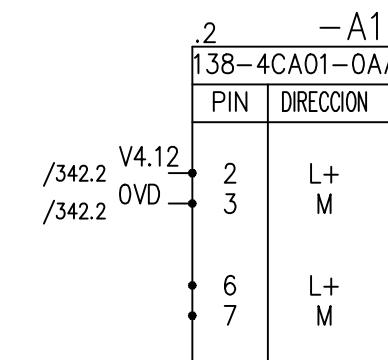






-A92

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3302-346

3 -A132
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I262.0	/348.5
2	I262.2	/348.5
5	I262.1	/348.5
6	I262.3	/348.5

4 -A133
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I262.4	/348.5
2	I262.6	/348.5
5	I262.5	/348.5
6	I262.7	/348.5

5 -A134
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I263.0	/350.5
2	I263.2	/350.5
5	I263.1	/350.5
6	I263.3	/350.5

6 -A135
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I263.4	/350.5
2	I263.6	/350.5
5	I263.5	/350.5
6	I263.7	/350.5

3 -A136
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q264.0	/348.3
2	Q264.2	/348.3
5	Q264.1	/348.3
6	Q264.3	/348.3

4 -A137
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q264.4	/348.3
2	Q264.6	/348.3
5	Q264.5	/348.3
6	Q264.7	/348.3

5 -A138
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q265.0	/350.3
2	Q265.2	/350.3
5	Q265.1	/350.3
6	Q265.3	/350.3

6 -A139
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q265.4	/350.3
2	Q265.6	/350.3
5	Q265.5	/350.3
6	Q265.7	/350.3

626.16E-008-346-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	
	Modificacion	Fecha	Nombre	Norma	IEC

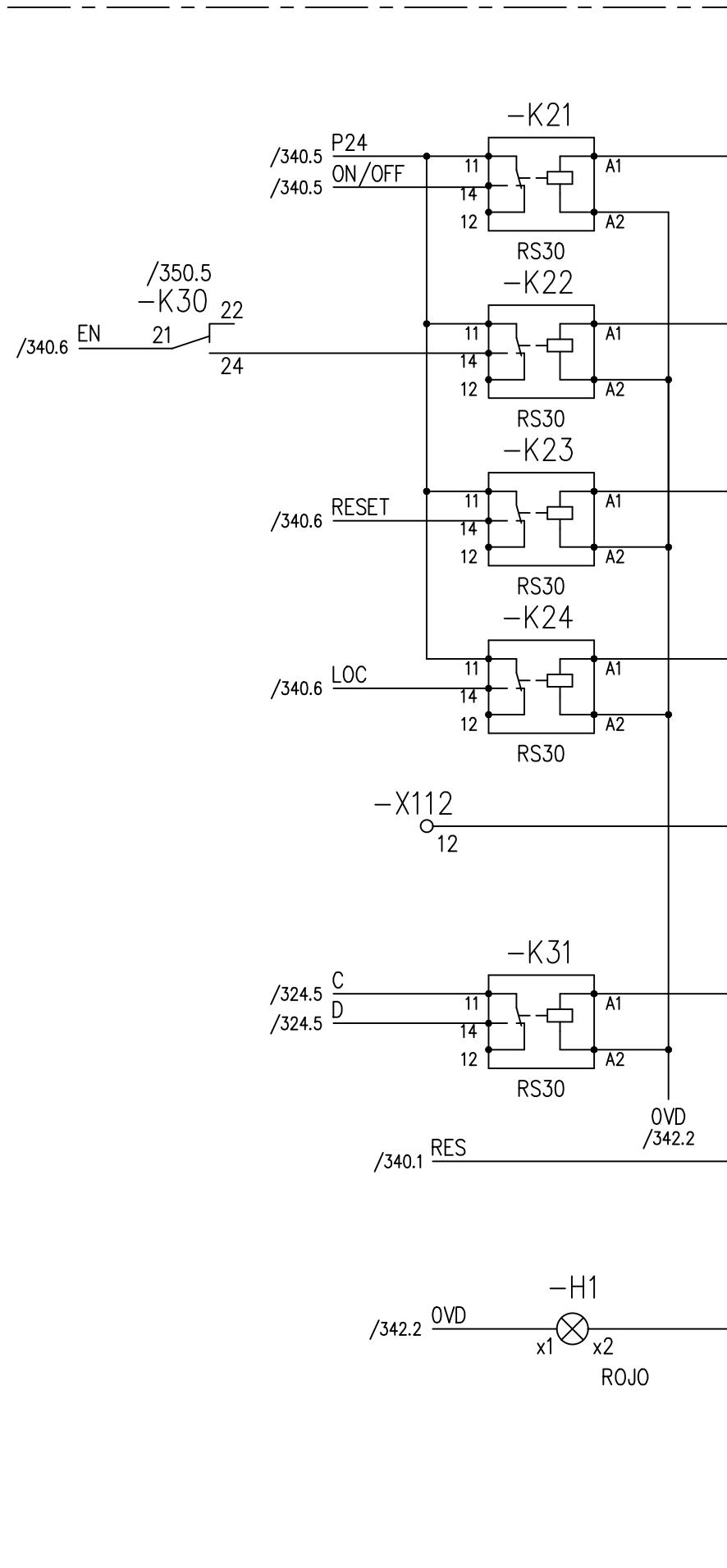
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Obtenido de: Reemplazo para: Reemplaz. por:

DANIELI AUTOMATION

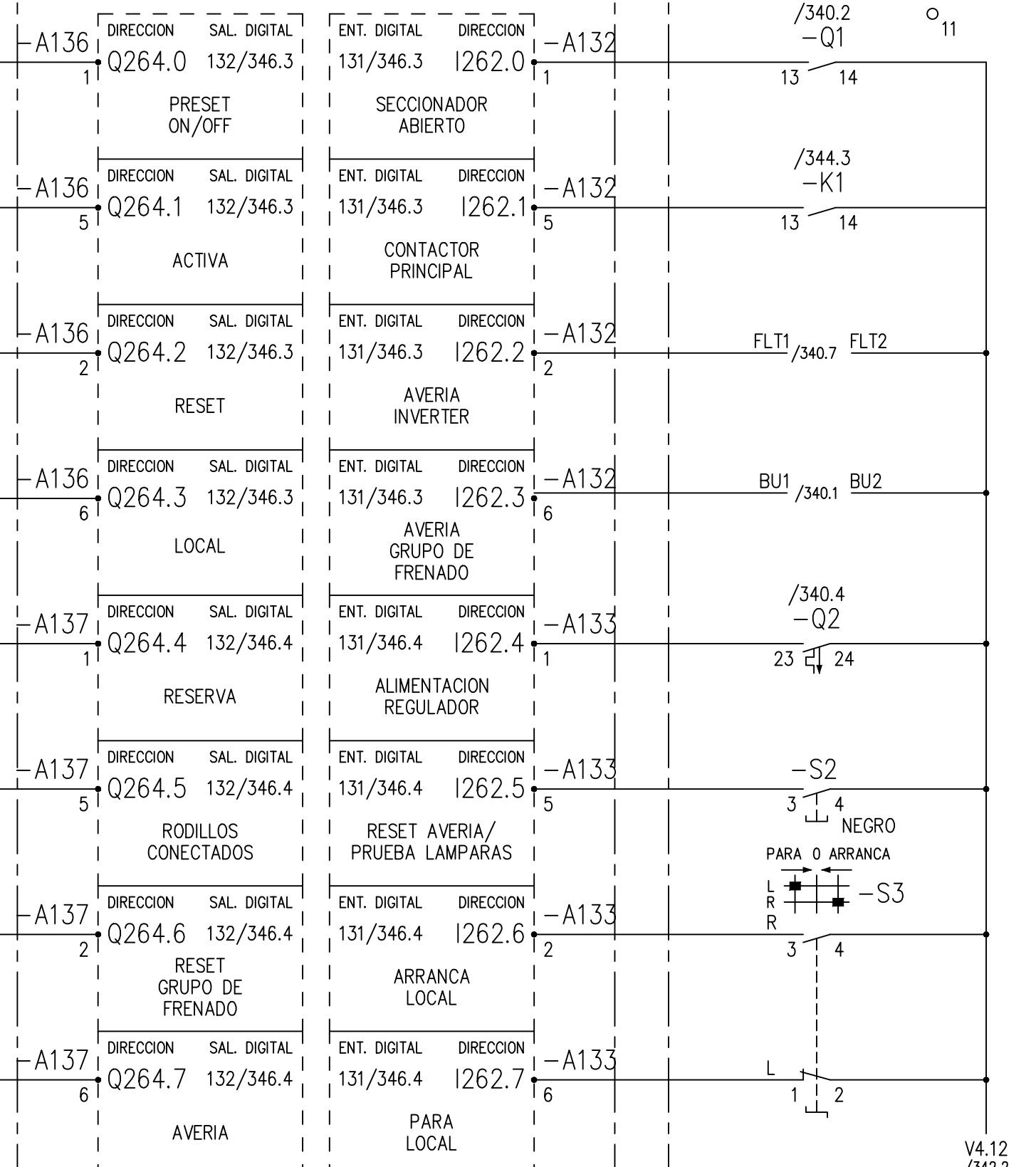
CAMINO DE RODILLOS
CON ROLOS LOCOS VERT. SECT. 2
Descript.

Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 346
348 Sigue

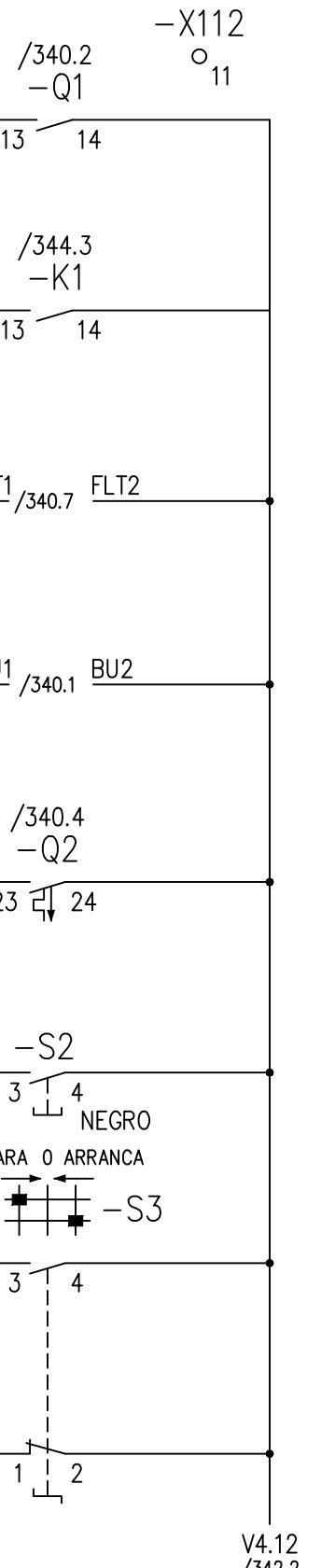
-A12
TABLERO CONVERTIDORES



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-A12
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3302-348

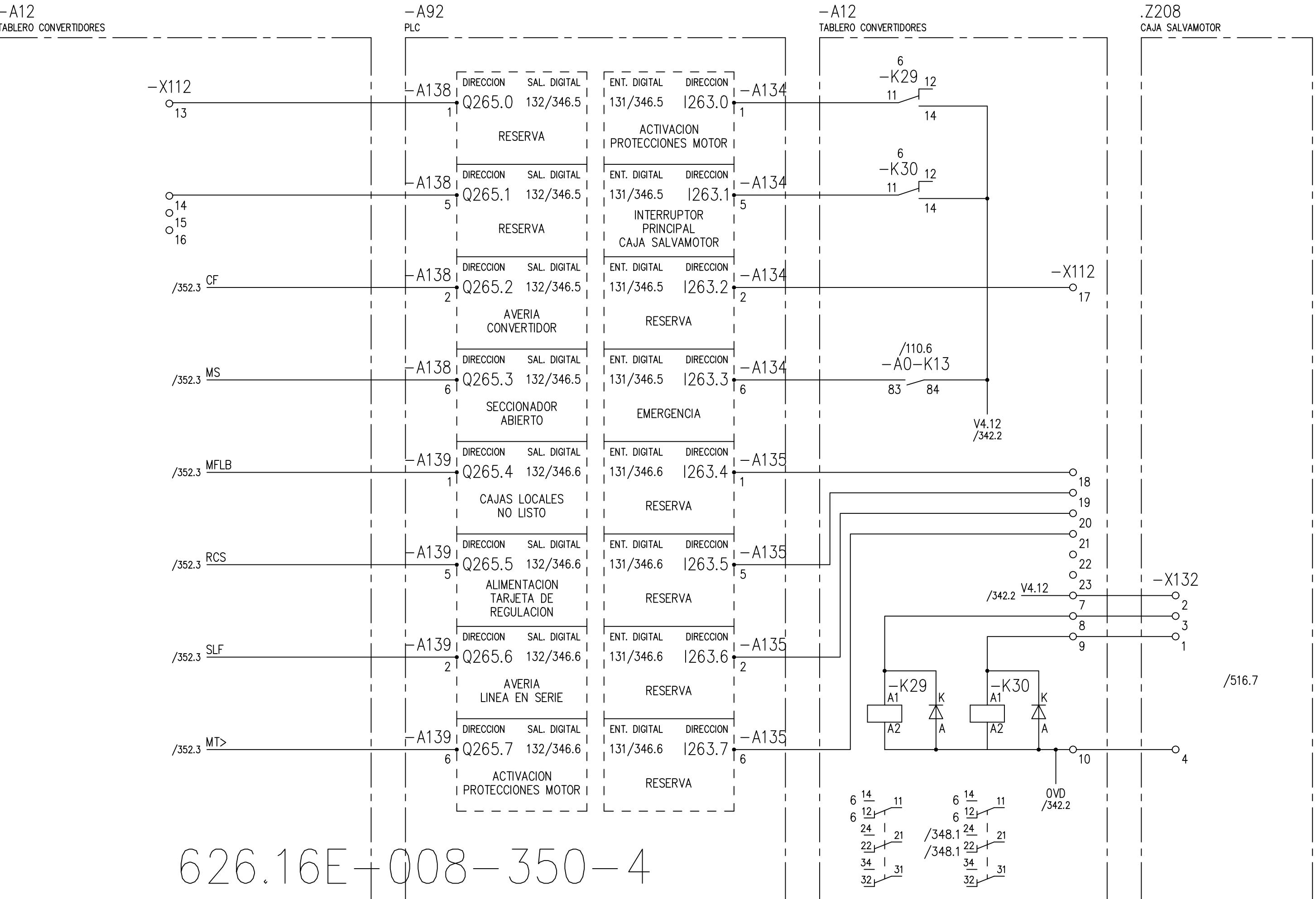
626.16E-008-348-4

CAMINO DE RODILLOS
CON ROLOS LOCOS VERT. SECT. 2
Descript. 30620 N° 3062-D30-E3302

DANIELI AUTOMATION

SIPAR

Obtenido de: Reemplazo para: Reemplaz. por:



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME			CON ROLOS LOCOS VERT. SECT. 2		+
1	EMISION PARA CONENE	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302 Hoja 350
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		352 Sigue

-A12
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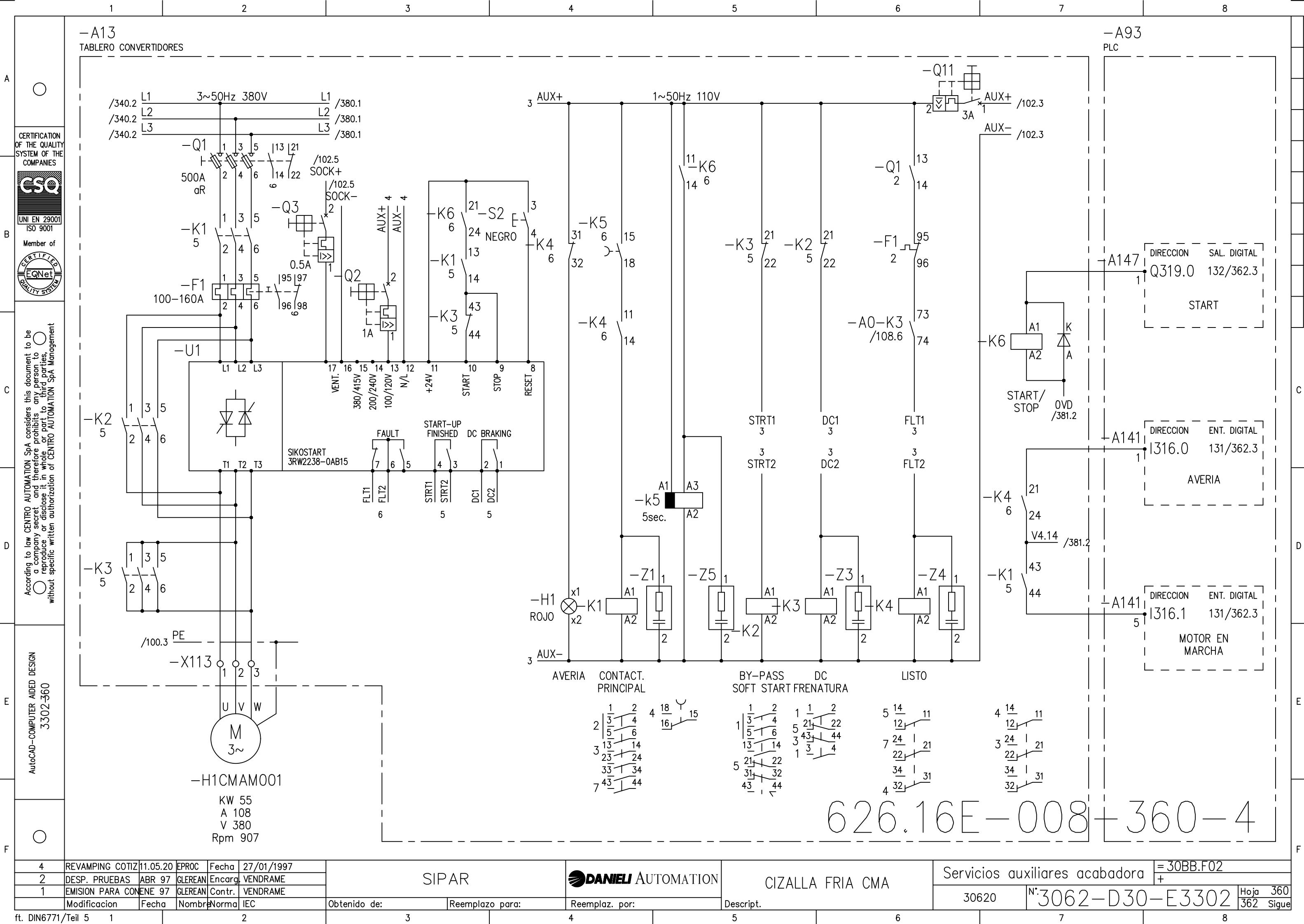
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-H10 CZ011		
PIN	ETIQUETA	REFER.
/350.2 MFLB	1	INTERRUPTOR CAJAS LOCALES
/350.2 RCS	2	ALIMENTACION REGULACION
/350.2 SLF	3	FALTA LINEA EN SERIE
/350.2 MT>	4	PROTECCIONES MOTORES
/350.2 MS	5	SECCIONADOR PRINCIPAL ABIERTO
/350.2 CF	6	FALTA CONVERTIDOR
	7	
	8	
	9	
	10	
	11	
	12	
	13	
/342.2 OVD	16	0V

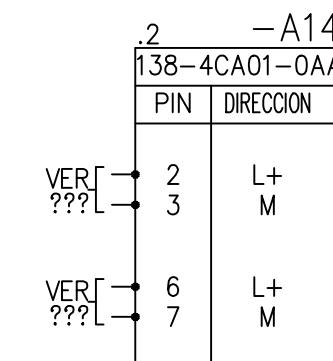
626.16E-008-352-3

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 2	Servicios auxiliares acabadora 30620	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+ 30620
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.					Nº 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma					Hoja 352 360 Sigue
ft. DIN6771/Teil 5	1				Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	



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PLC



.3 -A141
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I316.4	/382.7
2	I316.6	/384.7
5	I316.5	/384.7
6	I316.7	/386.7

.4 -A142
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I317.0	/386.7
2	I317.2	/390.7
5	I317.1	/390.7
6	I317.3	/390.7

.5 -A143
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I317.4	/390.7
2	I317.6	/392.7
5	I317.5	/390.7
6	I317.7	/392.7

.6 -A144
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I318.0	/394.7
2	I318.2	/396.7
5	I318.1	/394.7
6	I318.3	/396.7

.7 -A145
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I318.0	/394.7
2	I318.2	/396.7
5	I318.1	/394.7
6	I318.3	/396.7

.2 -A146
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I318.4	/398.7
2	I318.6	/***
5	I318.5	/398.7
6	I318.7	/***

.3 -A147
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q319.0	/360.7
2	Q319.2	/384.7
5	Q319.1	/380.7
6	Q319.3	/386.7

.4 -A148
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q319.4	/390.7
2	Q319.6	/390.7
5	Q319.5	/390.7
6	Q319.7	/392.7

.5 -A149
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
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2	Q320.2	/394.7
5	Q320.1	/394.7
6	Q320.3	/396.7

.6 -A150
6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q320.4	/396.7
2	Q320.6	/398.7
5	Q320.5	/398.7
6	Q320.7	/***

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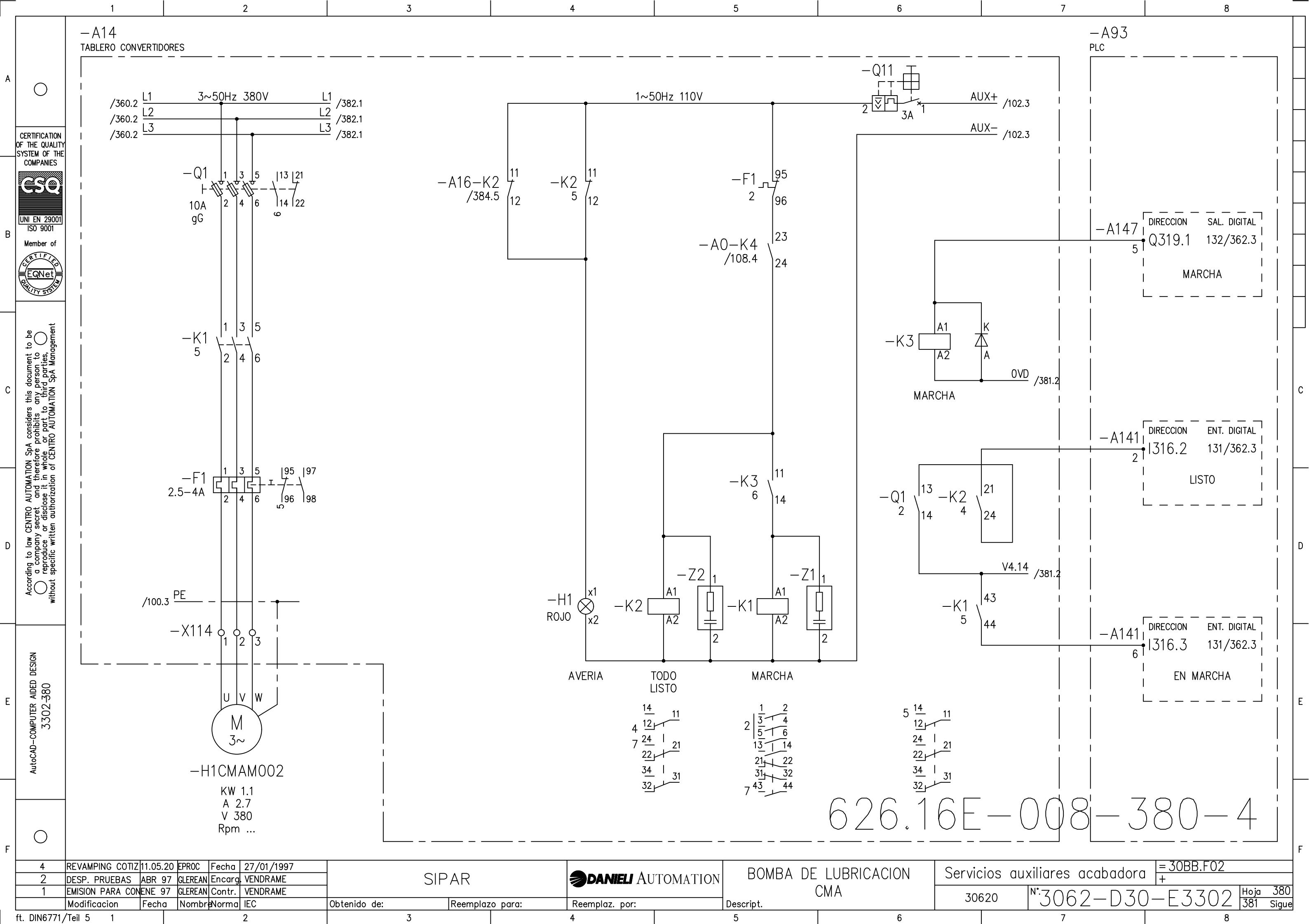
ISO 9001

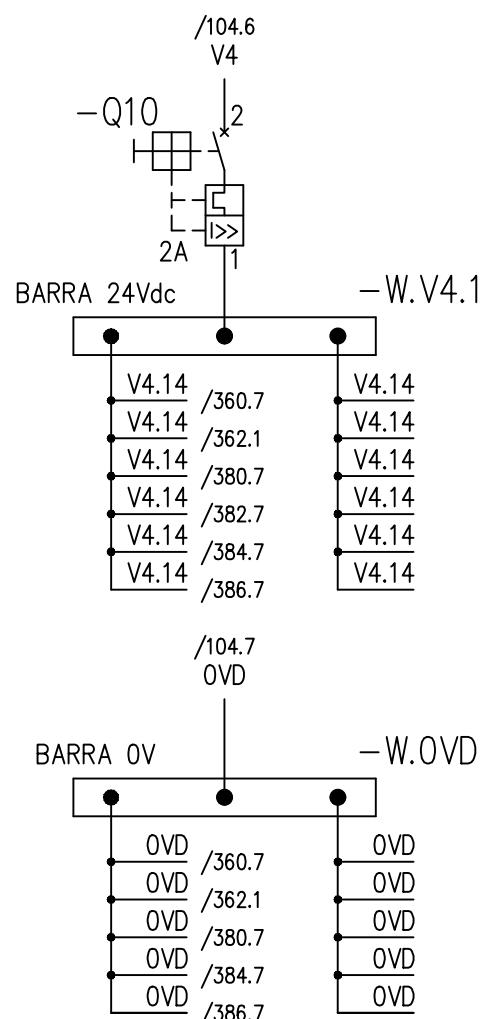
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626.16E-008-362-4

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997		SIPAR	DANIELI AUTOMATION	BOMBA DE LUBRICACION CMA	Servicios auxiliares acabadora	= 30BB.F02
1	EMISION PARA CONCE	97	GLEREAN	Encarg.	VENDRAME					+ 30620	
	Modificacion	Fecha	Nombre	Norma	IEC					Nº 3062-D30-E3302	Hoja 362
	Obtenido de:		Reemplazo para:		Reemplaz. por:						Sig 380



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3302-222

626.16E-008-381-3

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	BOMBA DE LUBRICACION CMA	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
								30620	Nº 3062-D30-E3302
									Hoja 381 382 Sigue

-A15
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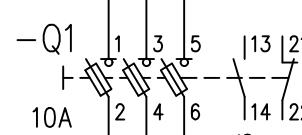


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3302-382



/380.2 L1 3~50Hz 380V L1 /384.1
/380.2 L2 L2 /384.1
/380.2 L3 L3 /384.1



/100.3 PE

-X114 4 5 6

BOMBA DE LUBR. CON GRASA CMA

-X...

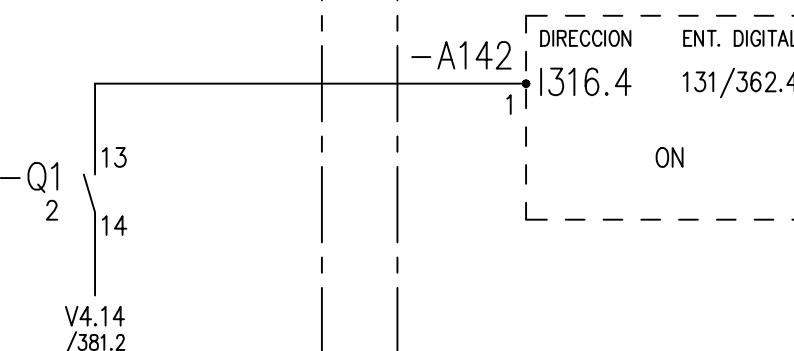
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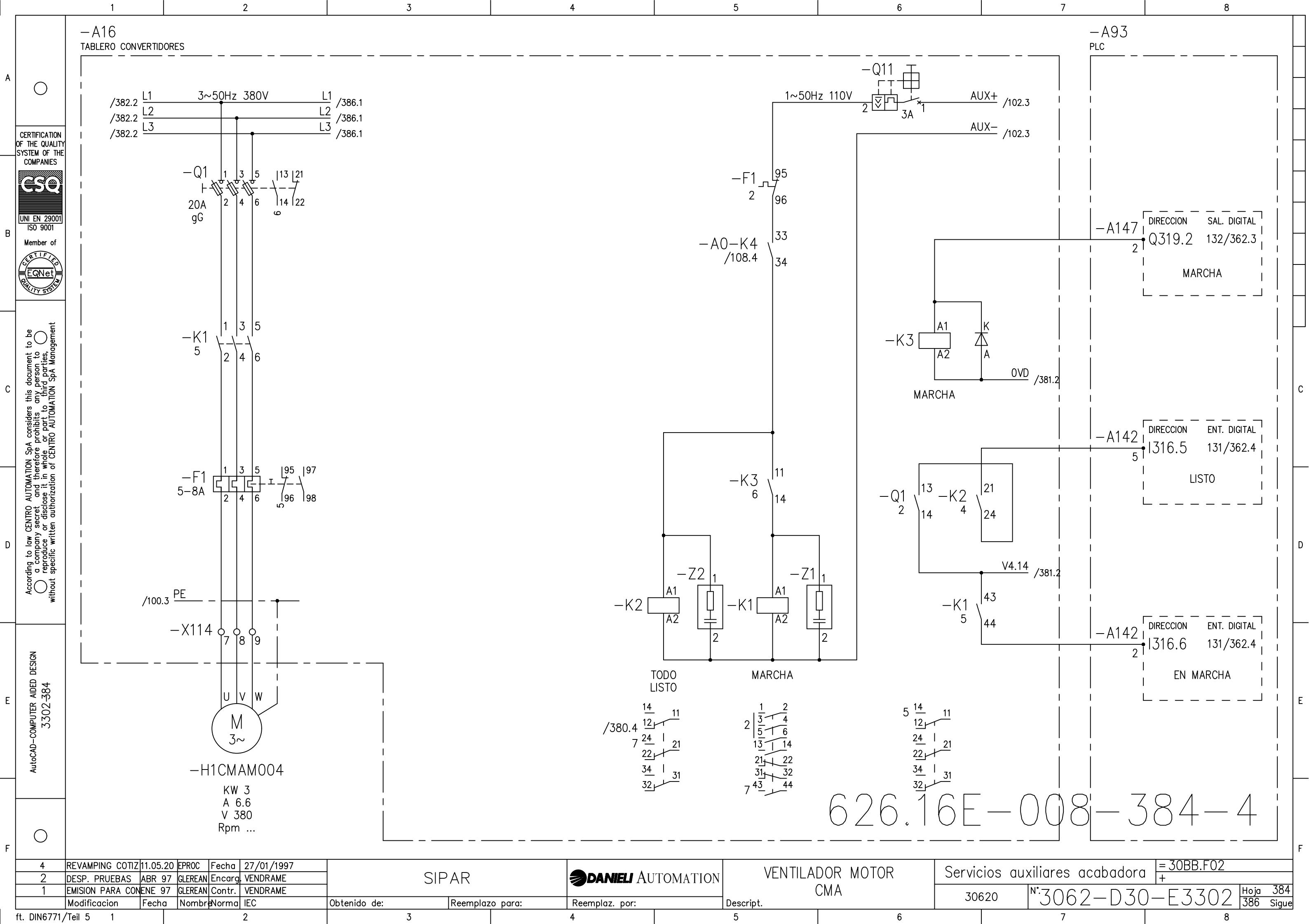
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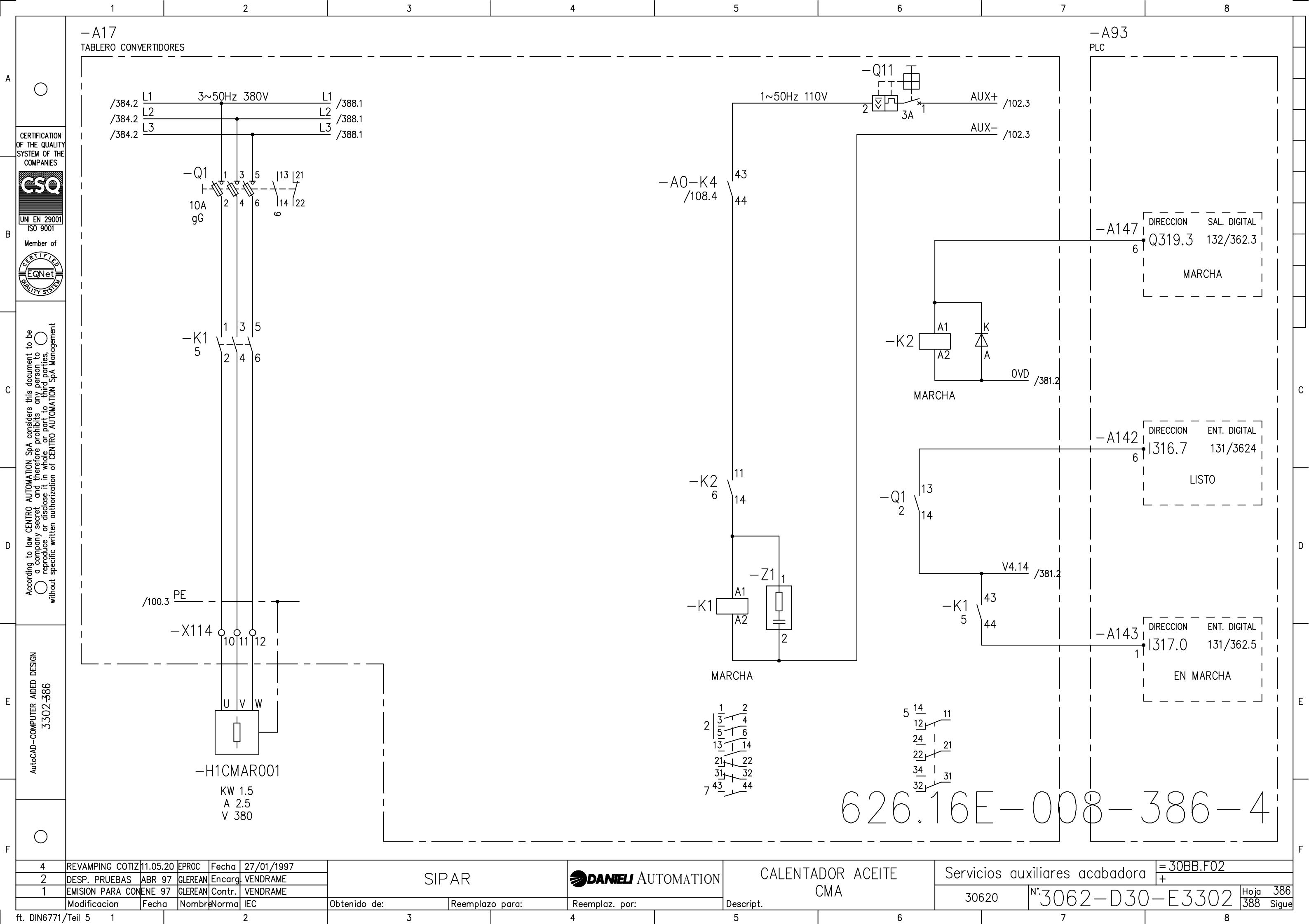
-A93
PLC

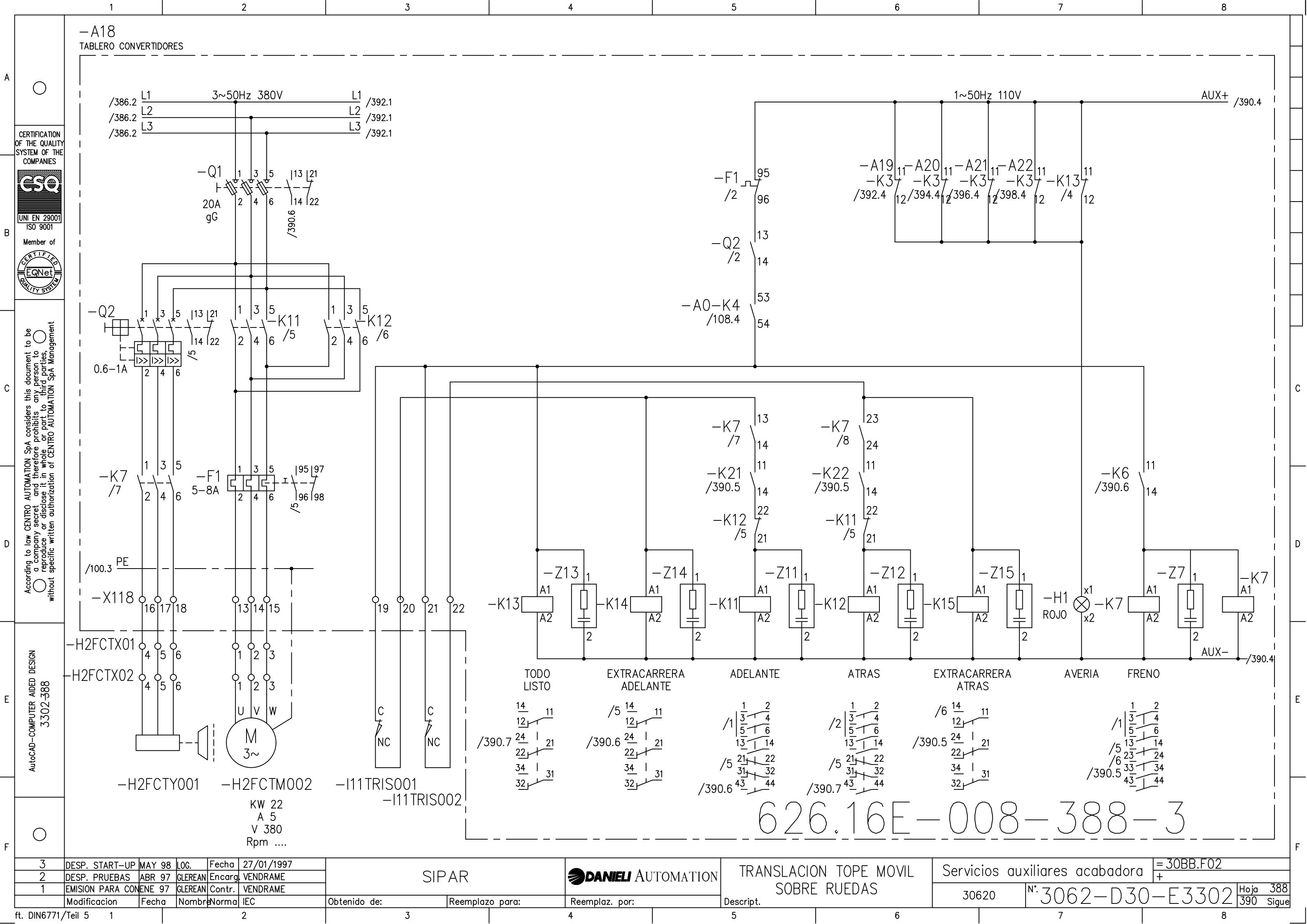


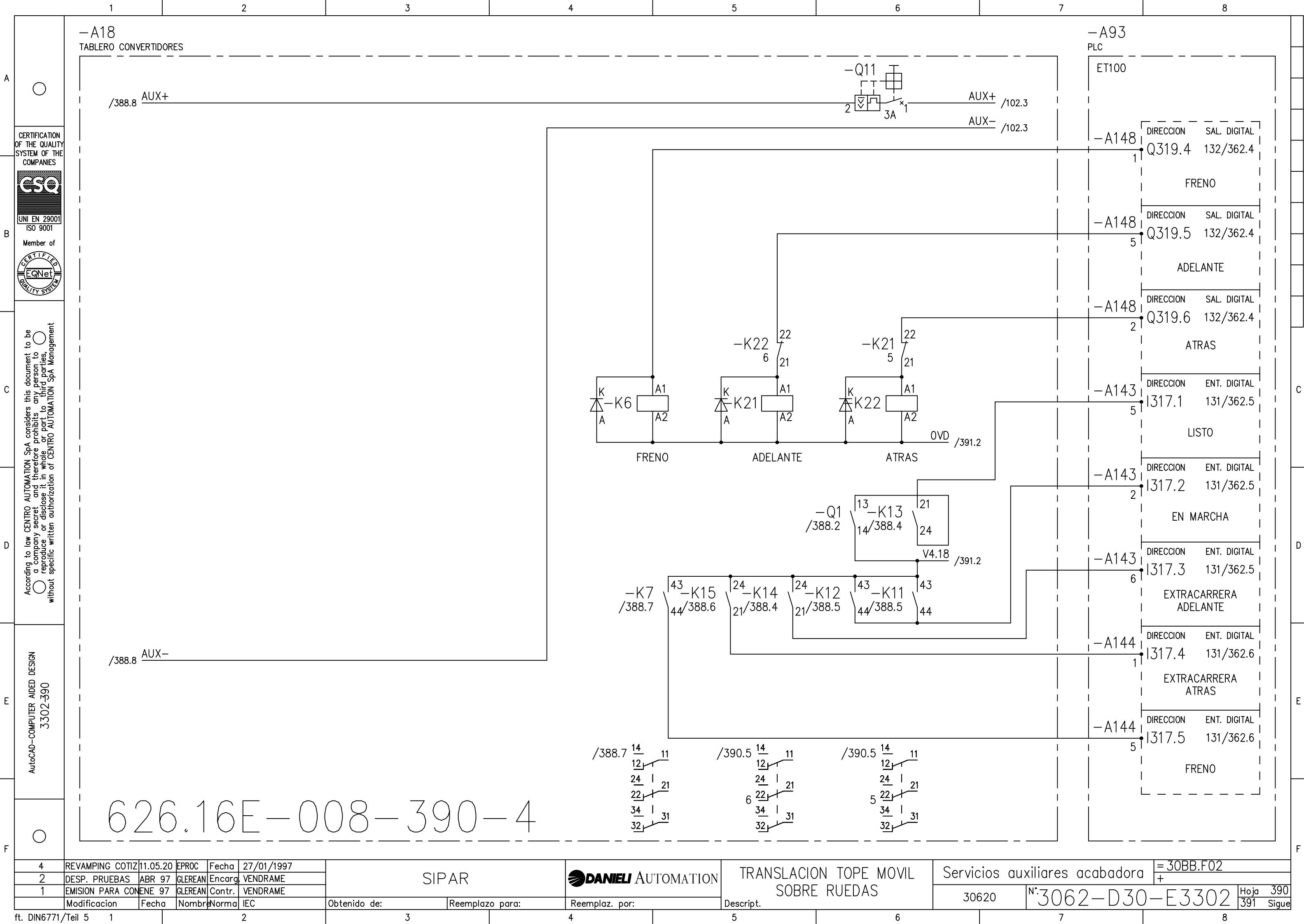
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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	BOMBA DE LUBRICACION CON GRASA CMA	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME					
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302 Hoja 382 384 Sigue









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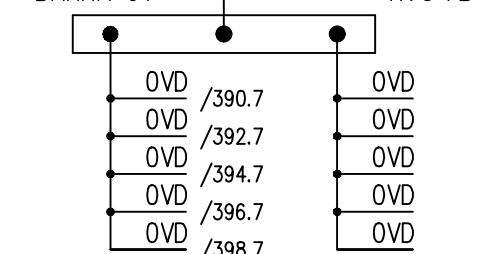
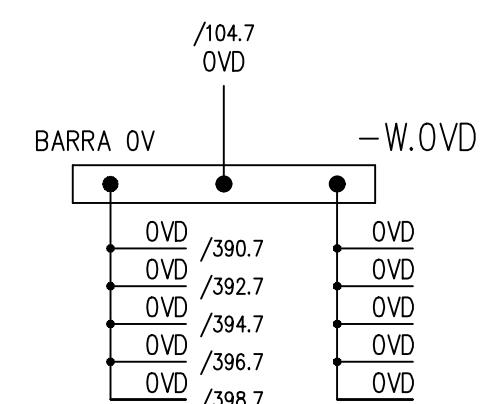
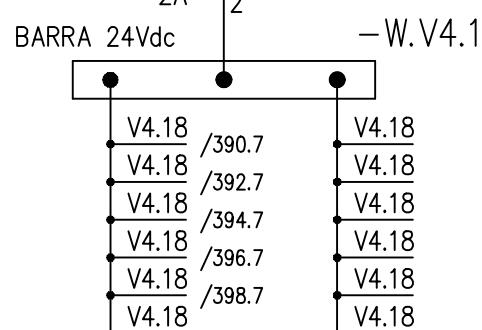
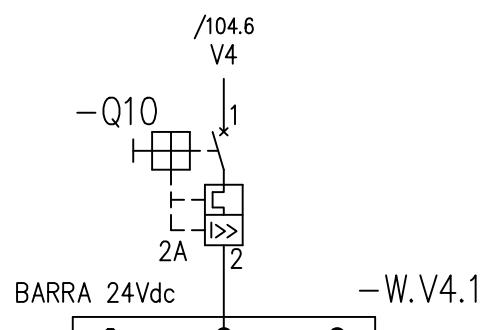
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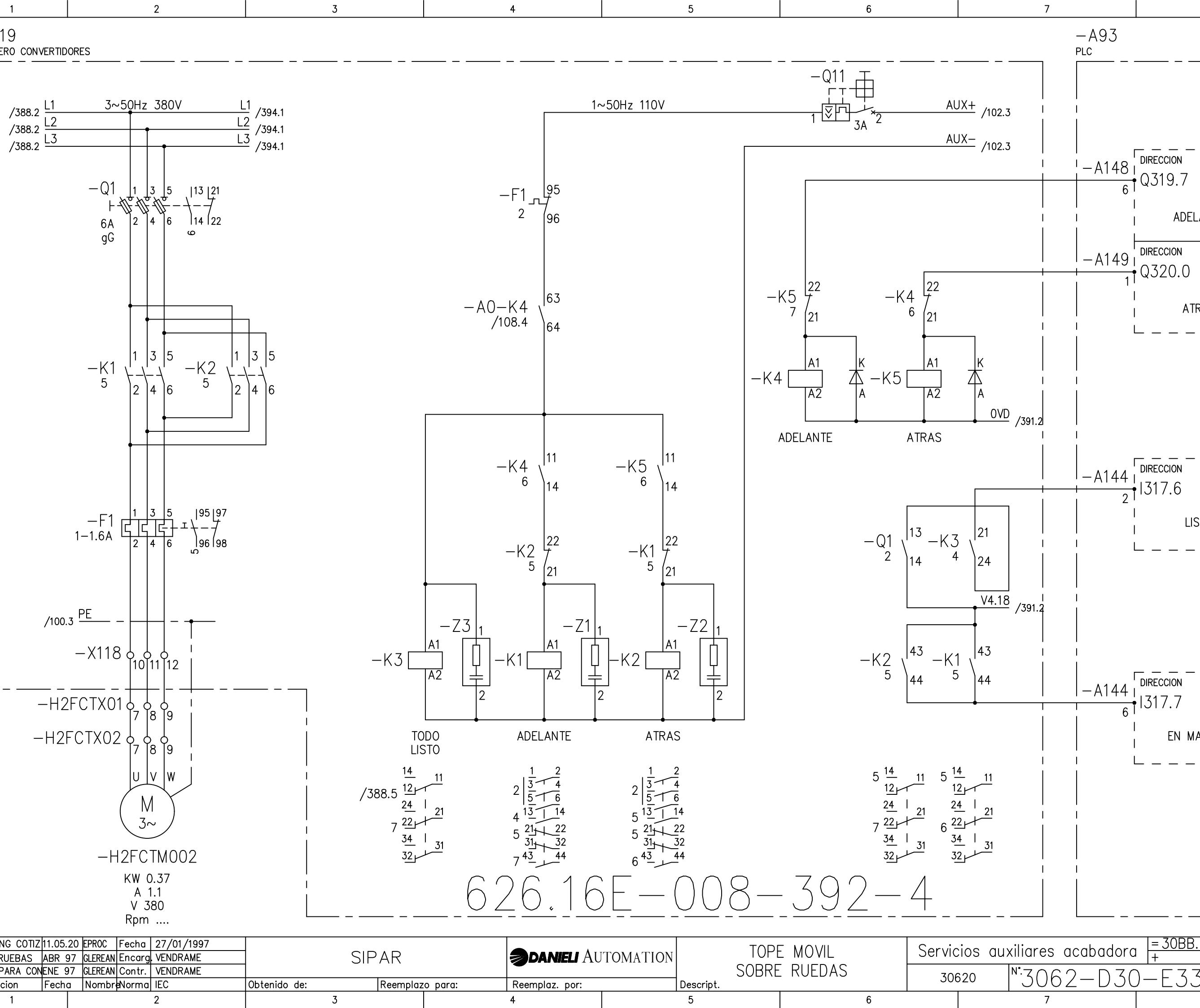


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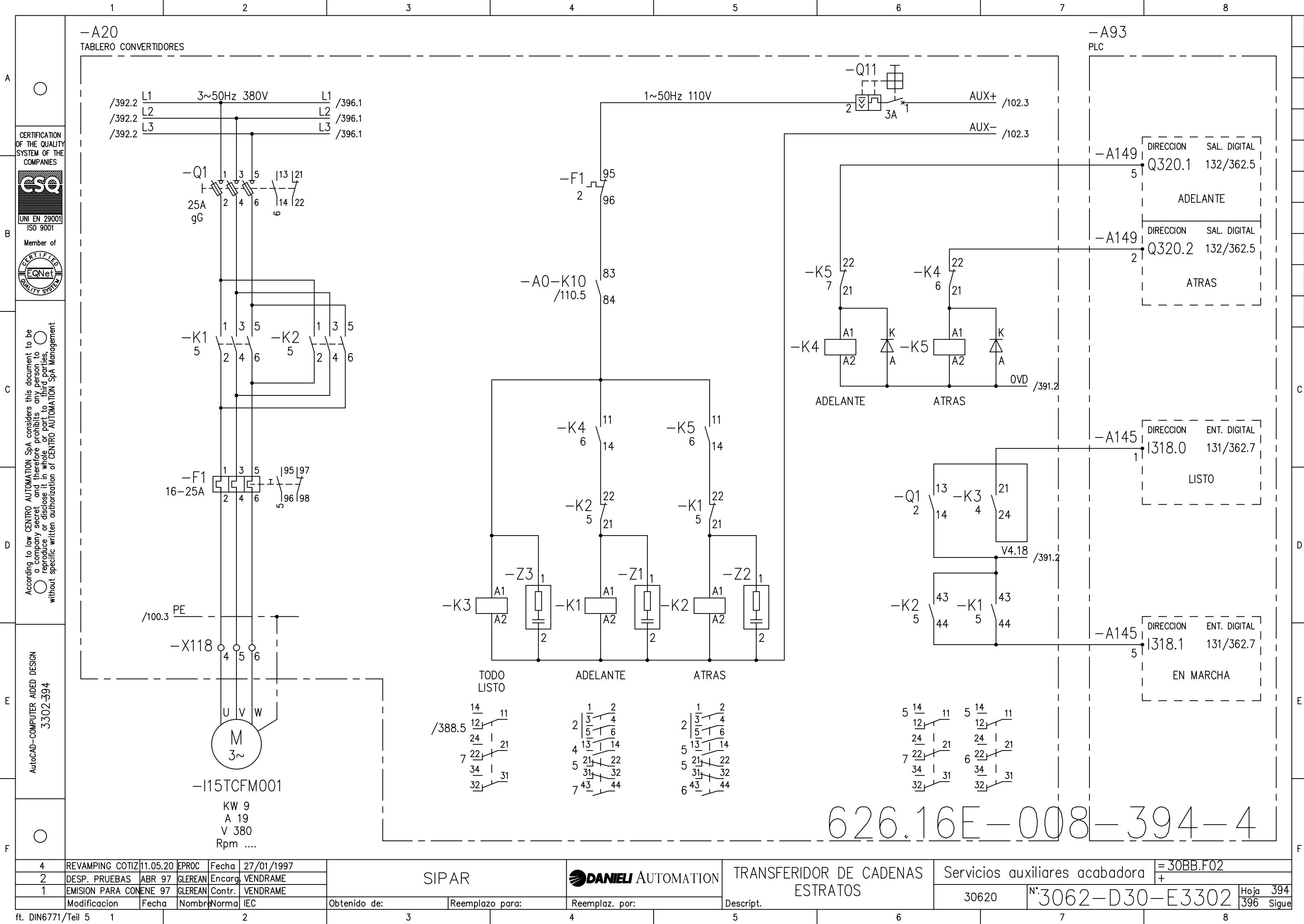
AutoCAD-COMPUTER AIDED DESIGN
3302-222

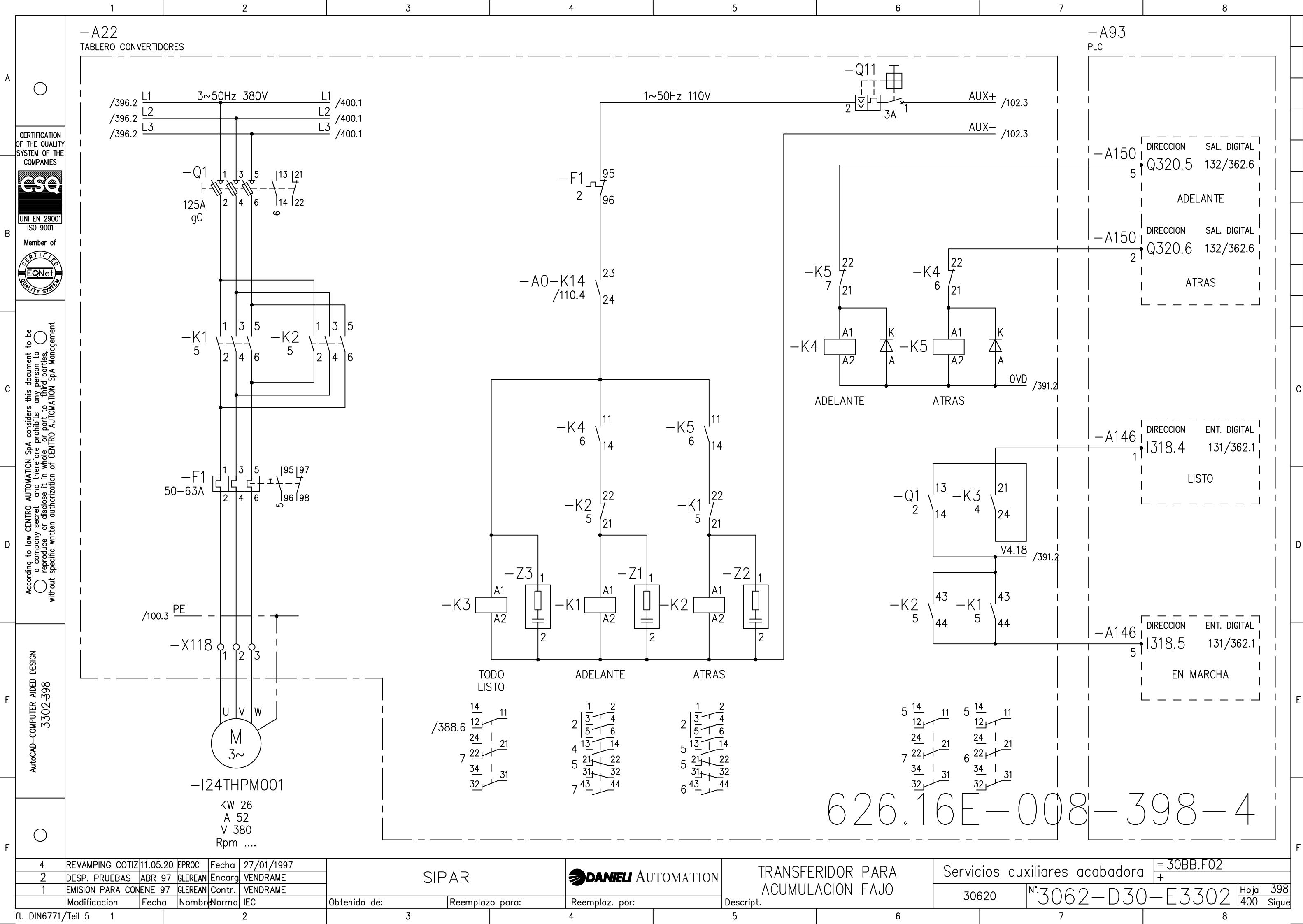
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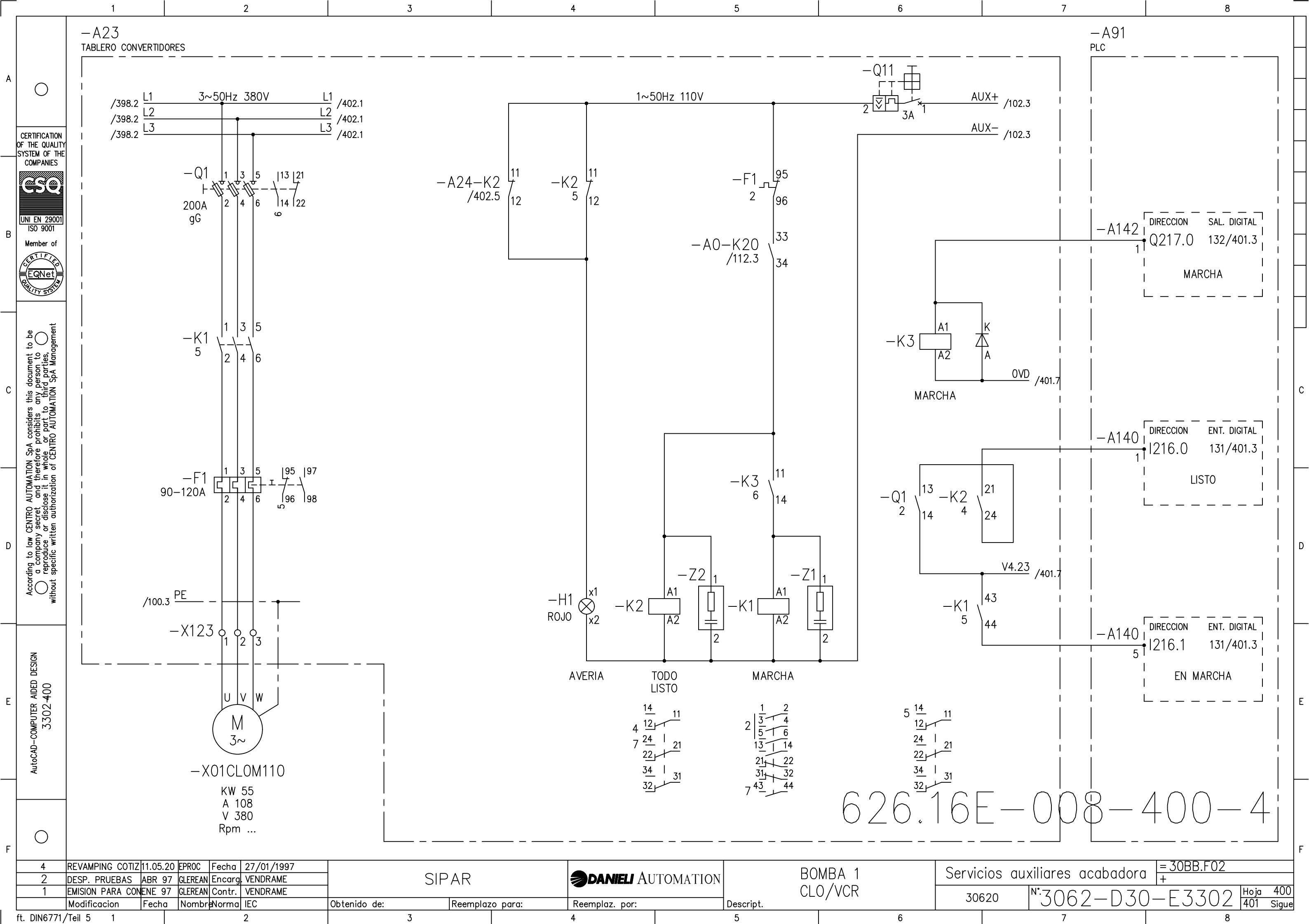
3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSLACION TOPE MOVIL SOBRE RUEDAS	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.					+ Hoja 391
1	EMISION PARA CONENE 97		GLEREAN	Contr.	VENDRAME				
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	30620 N° 3062-D30-E3302 Hoja 391 392 Sigue



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TOPE MOVIL SOBRE RUEDAS	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 392
Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		Sig 394







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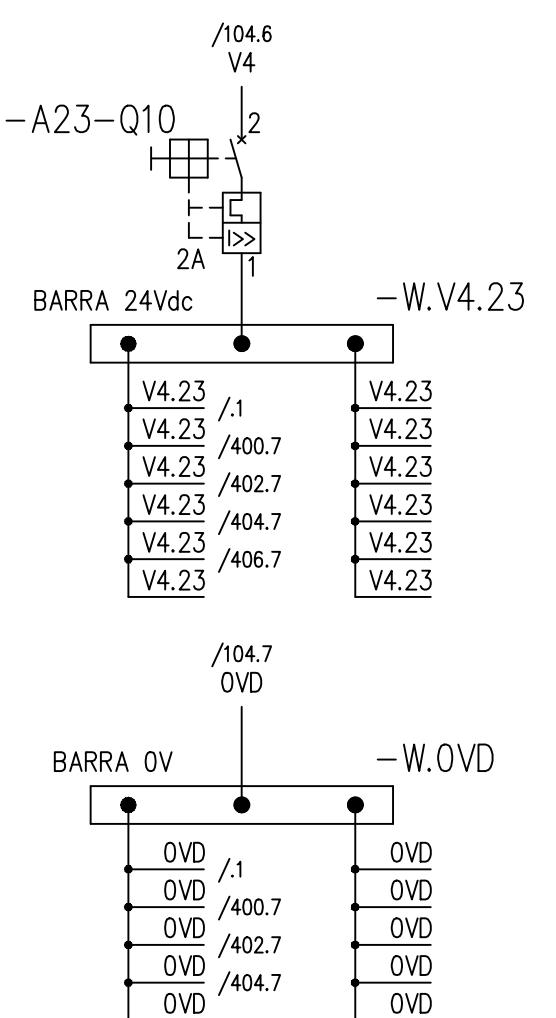
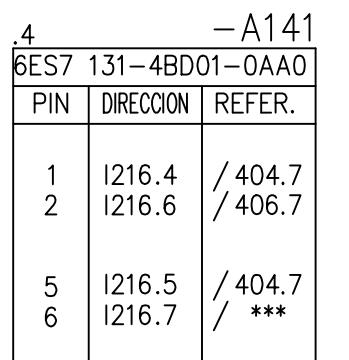
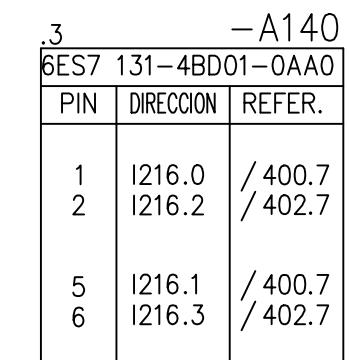
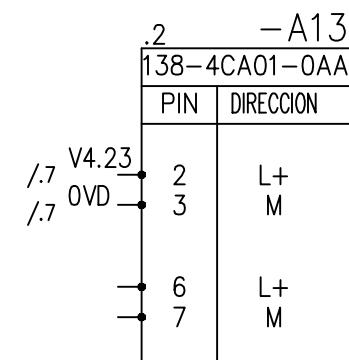
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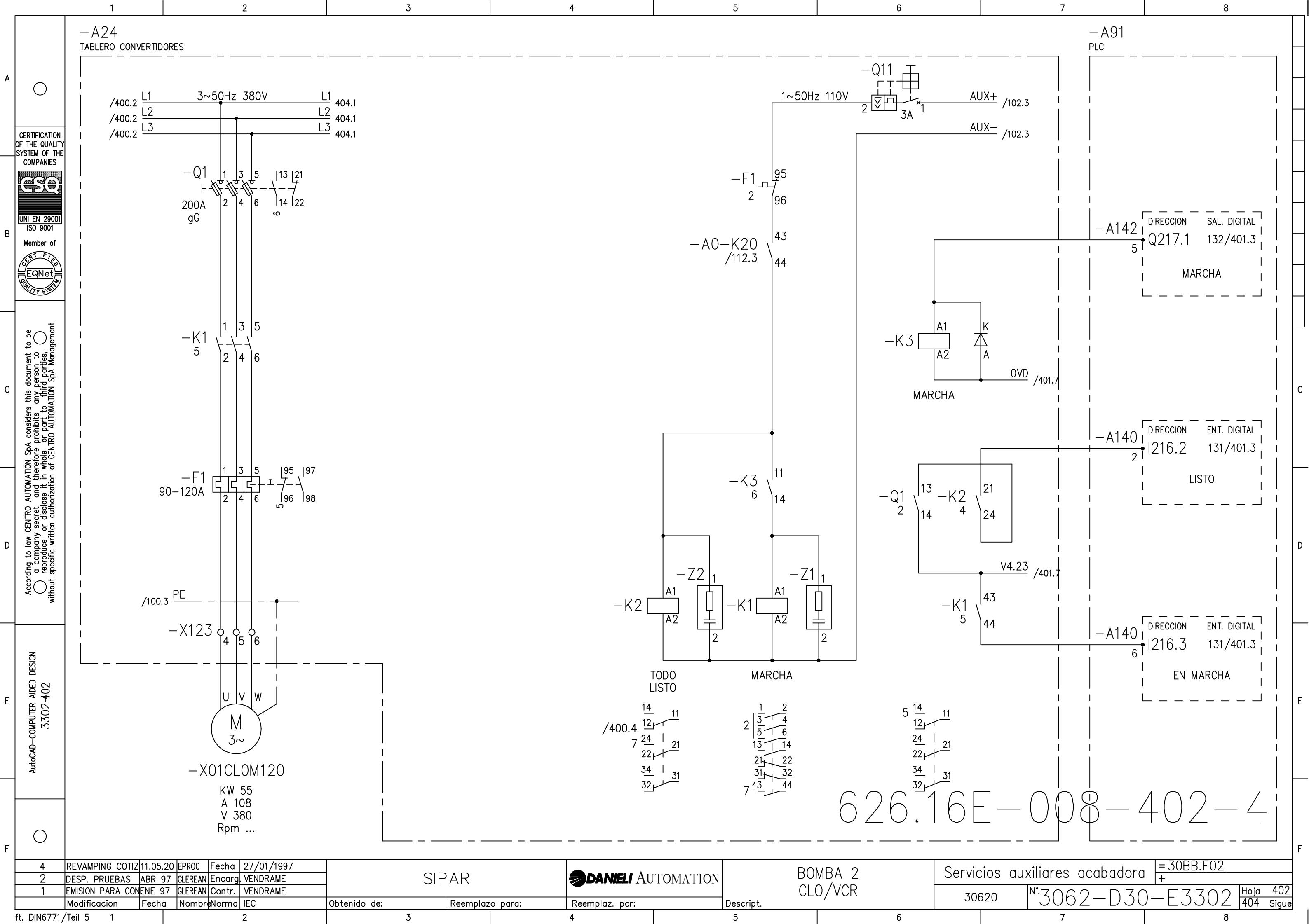
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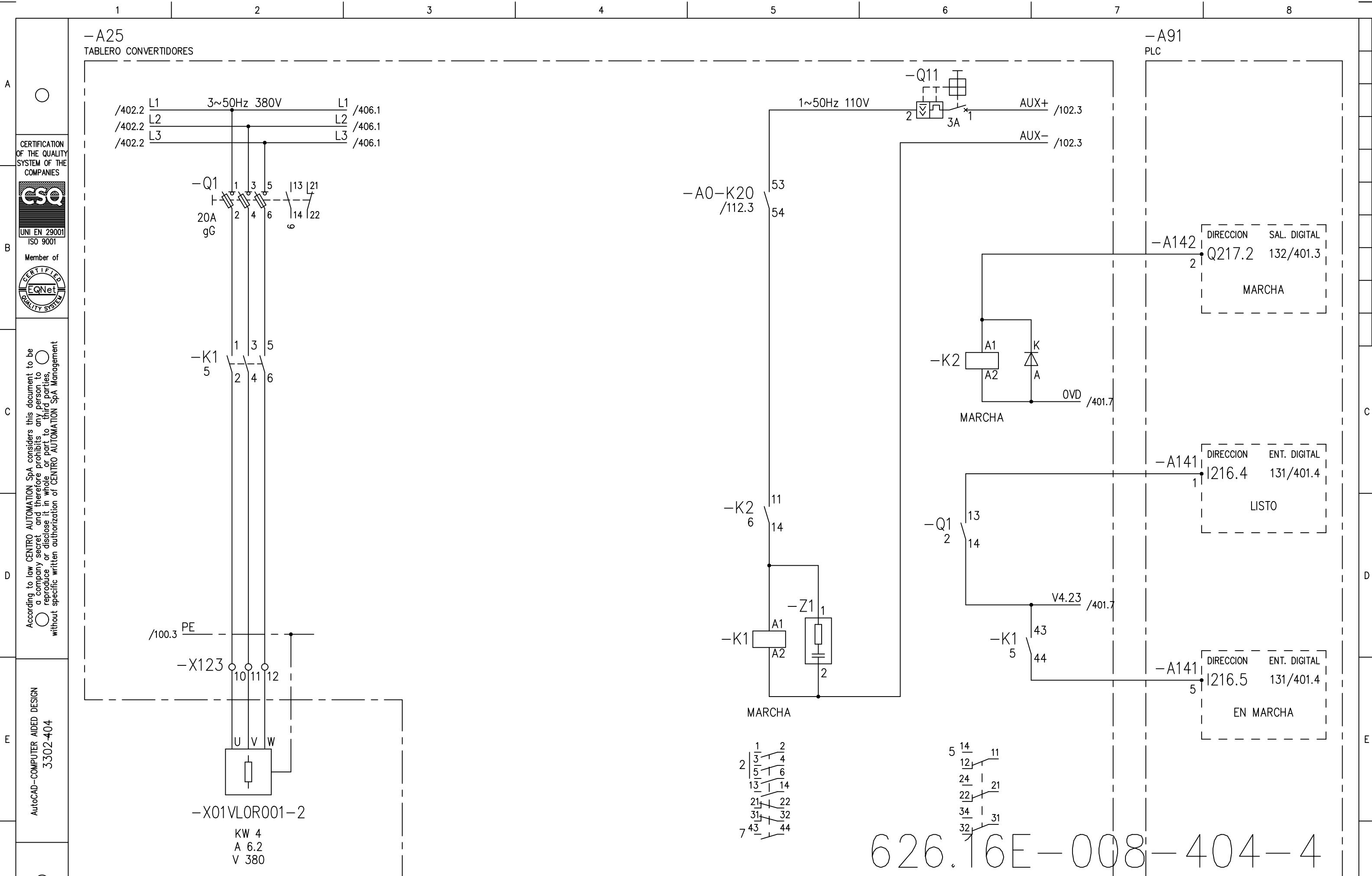
AutoCAD-COMPUTER AIDED DESIGN



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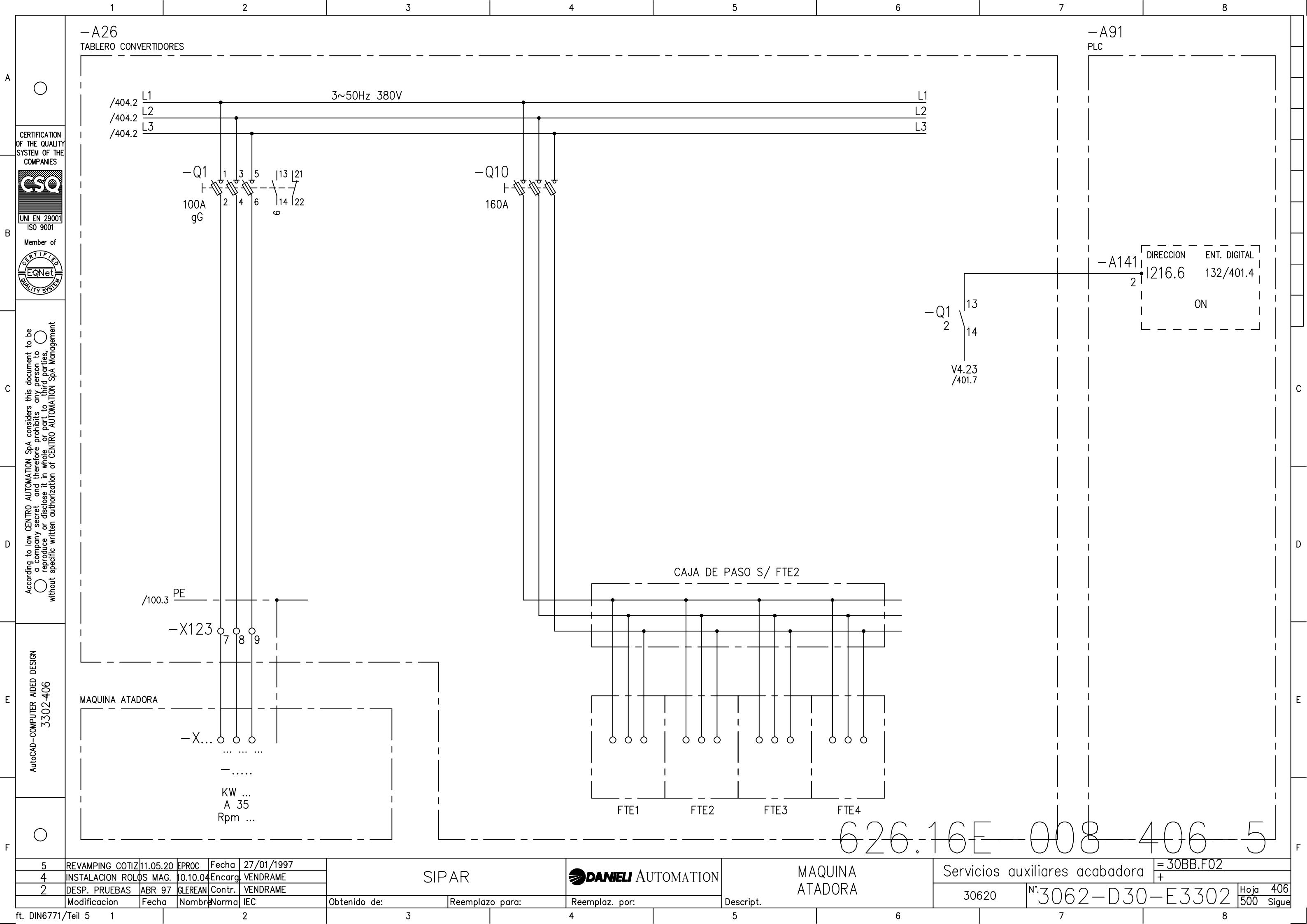
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR		BOMBA 1 CLO/VCR	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 401
	Modificacion	Fecha	Nombre	Norma	IEC					402 Sigue

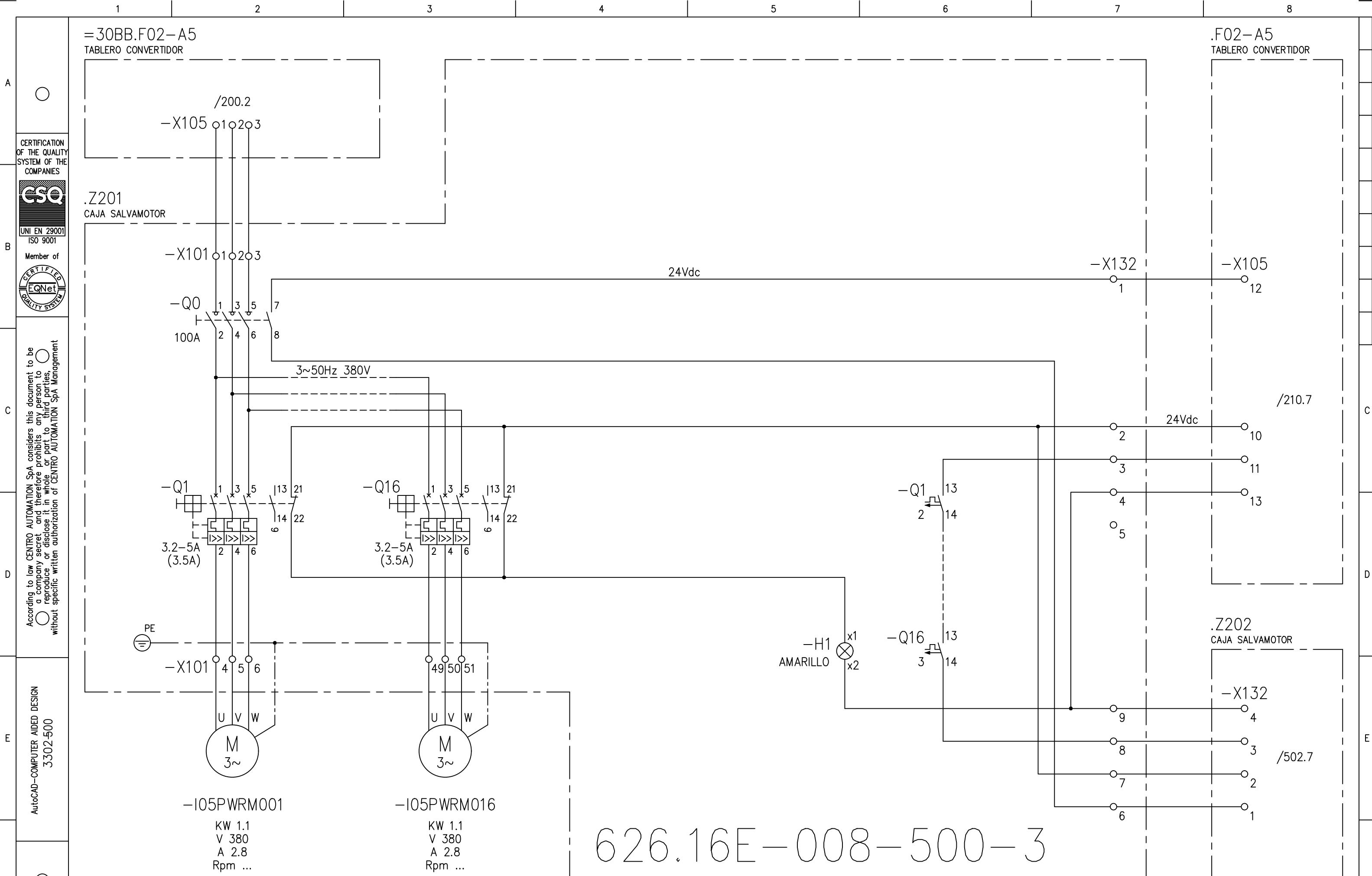




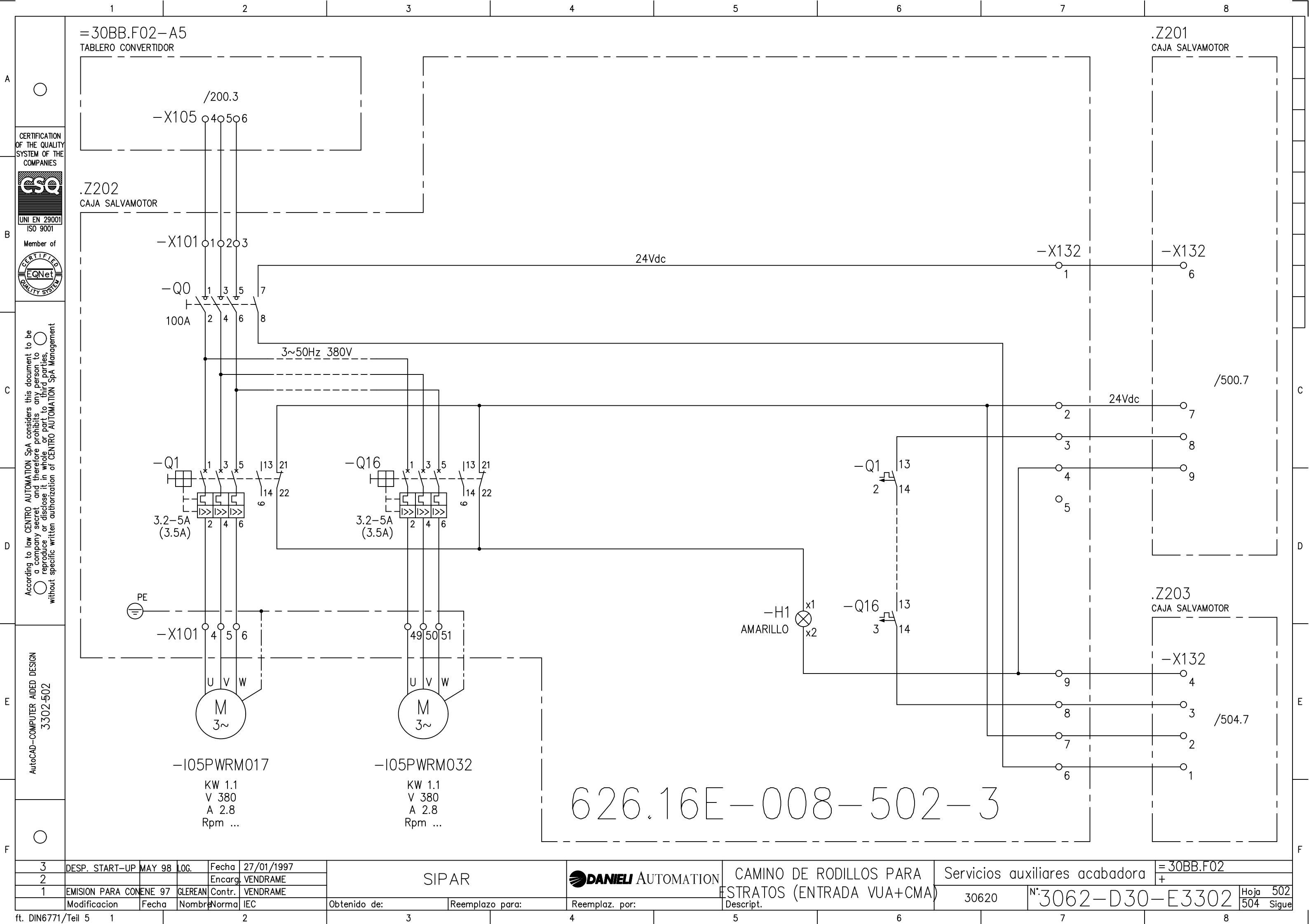
626.16E-008-404-4

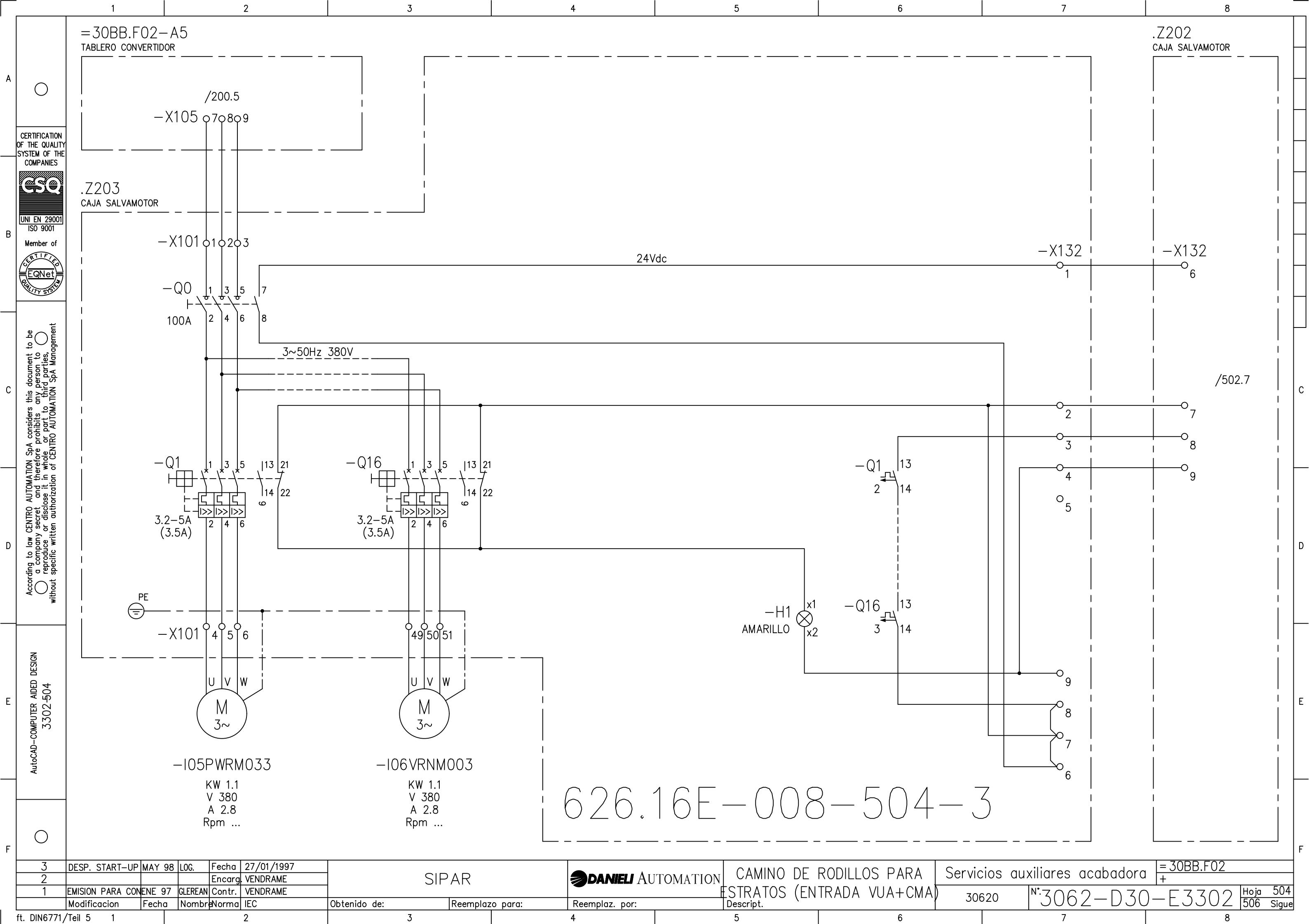
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CALENTADOR ACEITE CLO/VCR	Servicios auxiliares acabadora		= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+		
1	EMISION PARA CONE	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 404
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.		406 Sigue
ft. DIN6771 / Teil 5	1		2		3		4	5	6	7	8

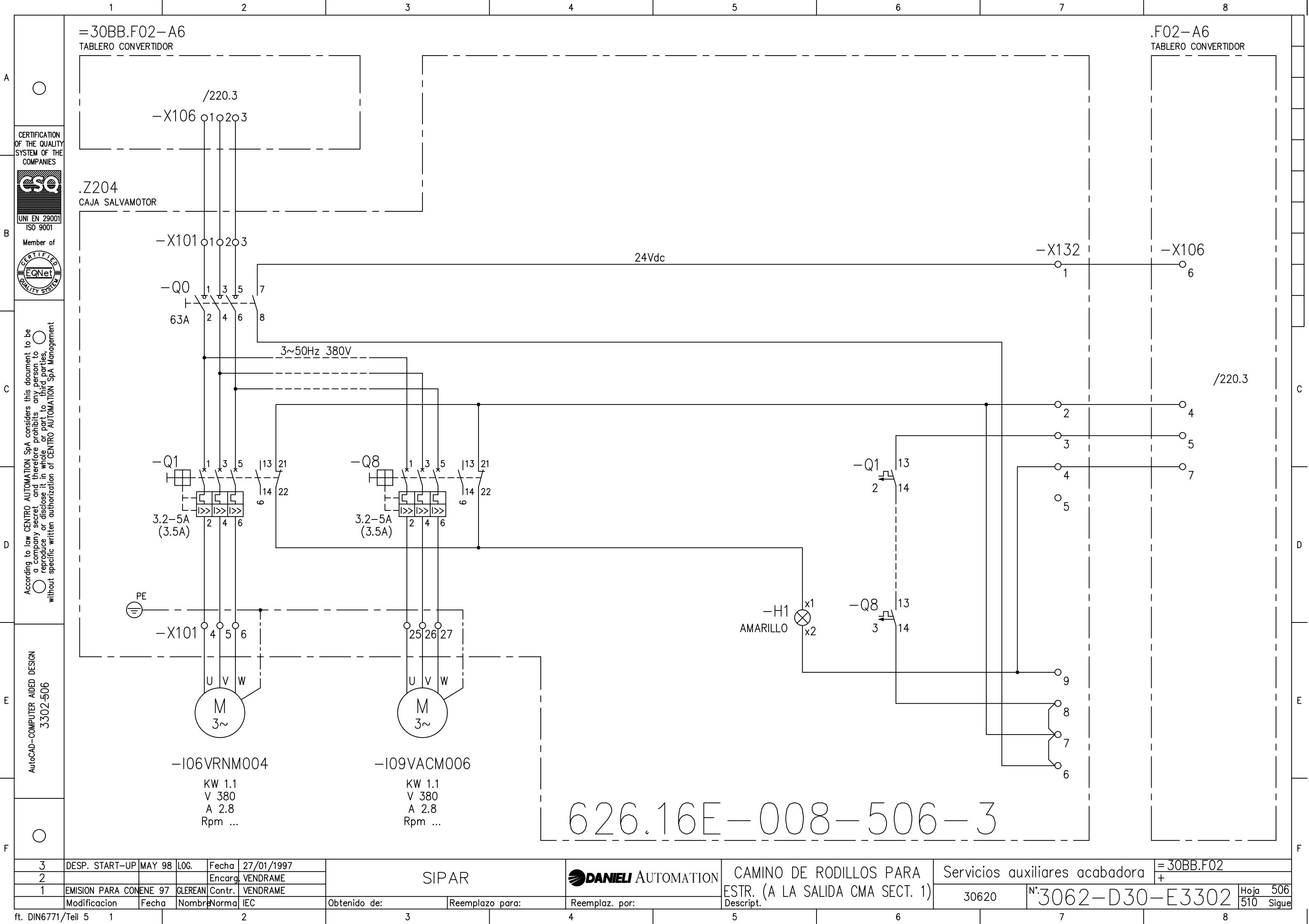


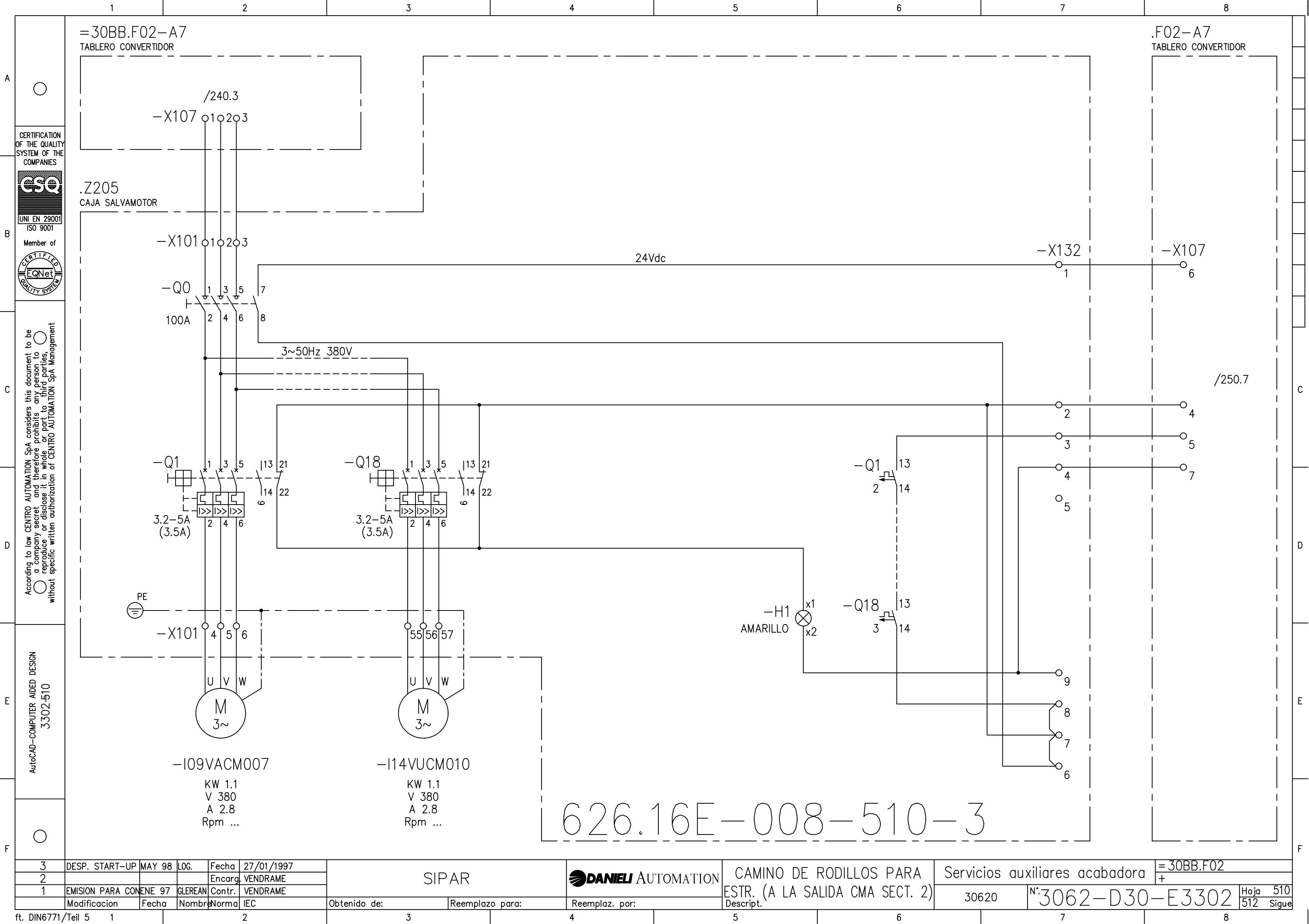


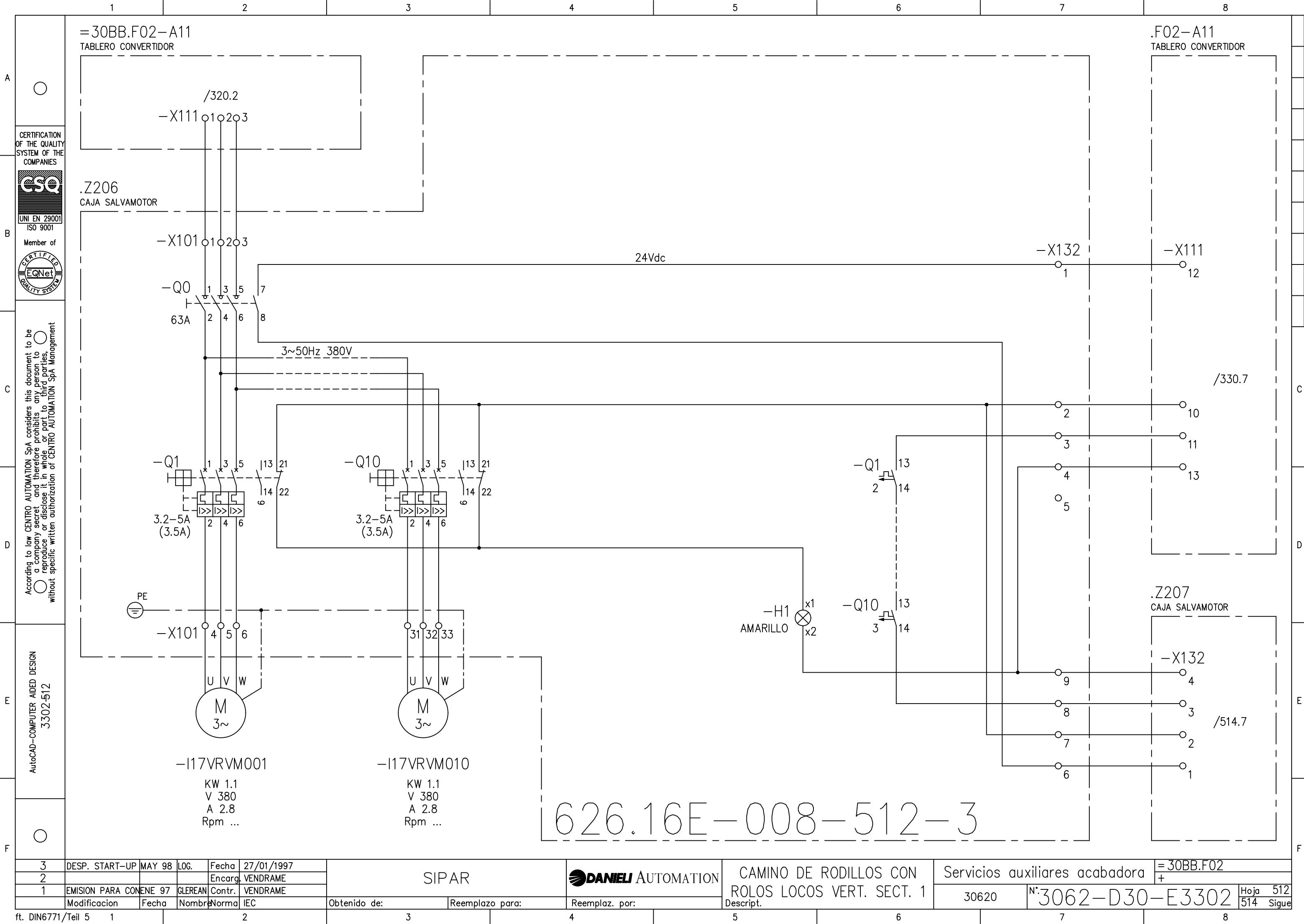
3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTRATOS (ENTRADA VUA+CMA)	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME	+					
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME						
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº: 3062-D30-E3302
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	Hoja 500	Sigue 502





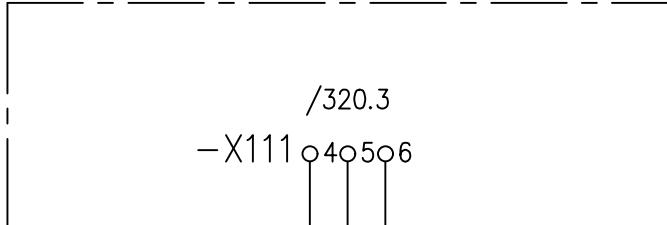




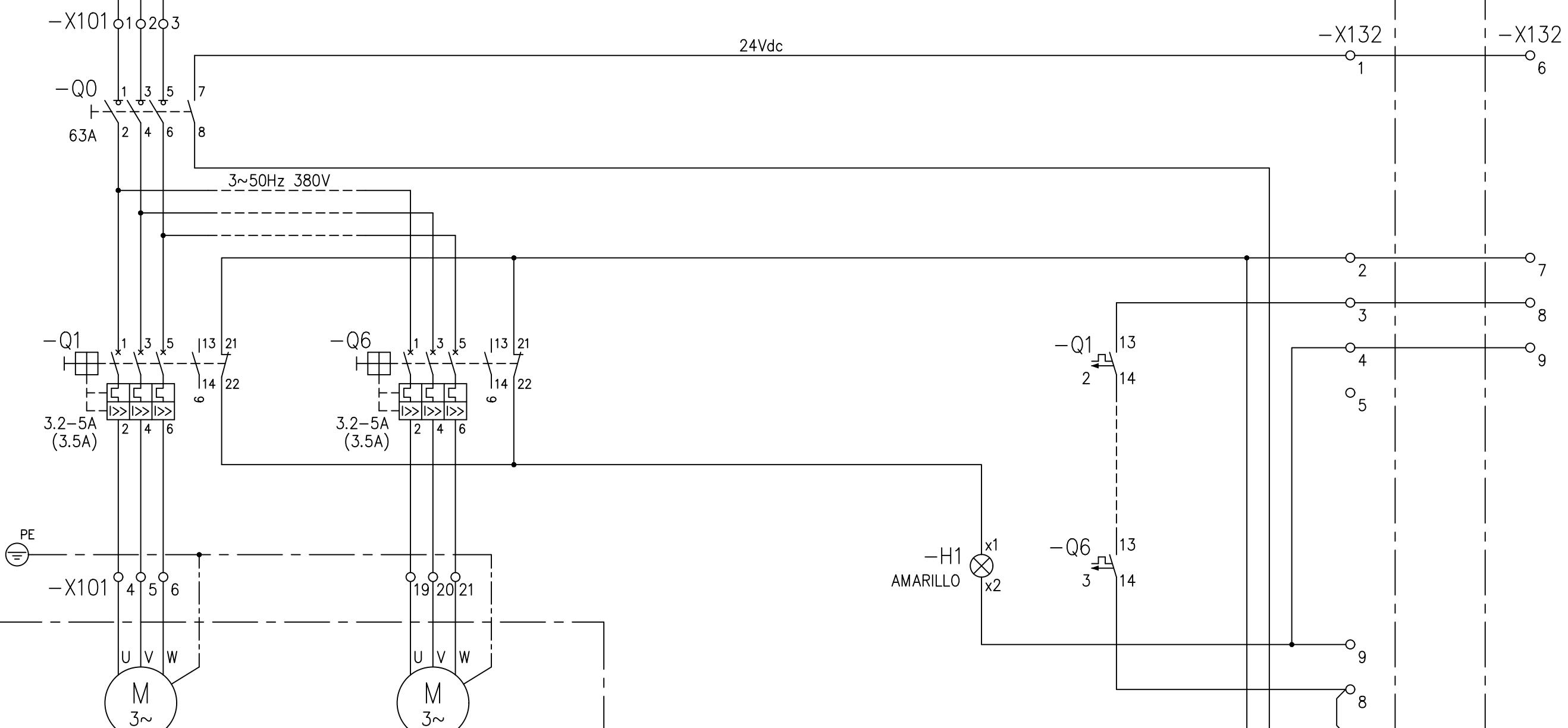


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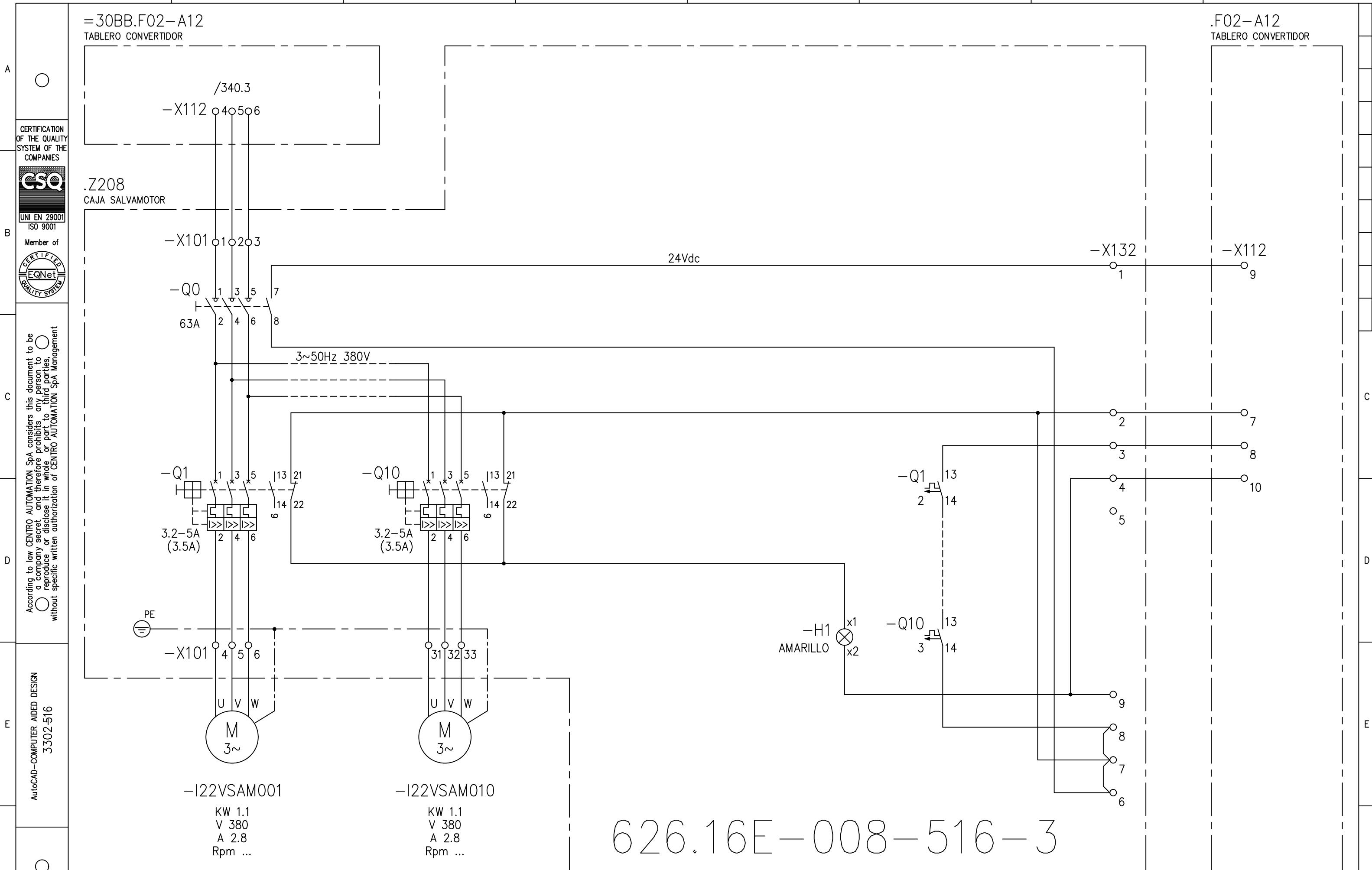
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3.302 514

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SIPAR DANIELI AUTOMATION

CAMINO DE RODILLOS CON
ROLOS LOCOS VERT. SECT. 1
Descript.Servicios auxiliares acabadora =30BB.F02
+ 30620 N° 3062-D30-E3302Hoja 514
516 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 1	Servicios auxiliares acabadora =30BB.F02 + 30620 N° 3062-D30-E3302	Hoja 514 516 Sigue
2				Encarg.	VENDRAME					
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		



3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 2	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						Hoja 516 700 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		

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3302-700

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3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X1	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME					+ 30620	
1	EMISION PARA CON	ENE 97	CLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 700 702 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC				Obtenido de:	Reemplazo para:

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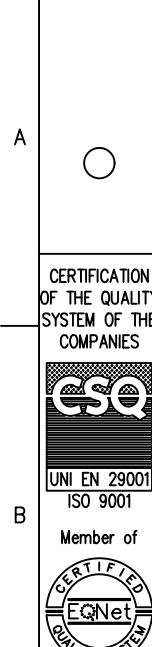
PLANTA	TABLERO DE MANDO					
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO		
				HOJA Y COLUMNA		
CODIGO DE IDENTIFICAC.	TIPO	BORNE N°.	CONEXION	CONEXION	BLOQUE DE IDENTIFICAC.	CONEXION
APARATO					COMPONENTE	
4	-105PWRM101	U	1	WDU 16N	-L2	4 /120.3
4	-105PWRM101	V	2	WDU 16N	-L2	5 /120.3
4	-105PWRM101	W	3	WDU 16N	-L2	6 /120.3
			4	WDU 2.5	EN1	/126.6
			5	WDU 2.5	EN	/126.6
			6	WDU 2.5		/134.6
			7	WDU 2.5	-A110	1 /136.2
			8	WDU 2.5	-A110	5 /136.2
			9	WDU 2.5	-A110	2 /136.2
			10	WDU 2.5		/136.2
			11	WDU 2.5	-Q3	43 /136.6
			12	WDU 2.5	-A106	5 /136.6
			13	WDU 2.5	-A106	2 /136.6
			14	WDU 2.5	-A107	2 /136.6
			15	WDU 2.5	-A107	6 /136.6
			16	WDU 2.5	-A109	1 /134.3
			17	WDU 2.5	-A109	5 /134.3
1	-105PWRB101	+V	18	WDU 2.5	-U1	40 /124.6
1	-105PWRB101	0V	19	WDU 2.5	-U1	35 /124.6
1	-105PWRB101	A	20	WDU 2.5	-U1	36 /124.6
1	-105PWRB101	/A	21	WDU 2.5		/124.6
1	-105PWRB101	B	22	WDU 2.5	-U1	37 /124.6
1	-105PWRB101	/B	23	WDU 2.5		/124.6
1	-105PWRB101	Z	24	WDU 2.5	-U1	38 /124.6
1	-105PWRB101	/Z	25	WDU 2.5		/124.6
1	-105PWRB101	SH	26	WDU 2.5	SH	/124.6
			27	WDU 2.5		6 /124.6
			28	WDU 2.5		5 /124.6
1	-105PWRM101A	U	29	WDU 2.5	-AIK2	2 /123.1
1	-105PWRM101A	V	30	WDU 2.5	-AIK2	4 /123.1
1	-105PWRM101A	W	31	WDU 2.5	-AIK2	6 /123.1
			32	WDU 2.5		8 /124.6
			33	WDU 2.5		3 /124.6
			34	WDU 2.5		4 /124.6
			35	WDU 2.5		1 /124.6
			36	WDU 2.5		2 /124.6
			37	WDU 2.5		/124.6
			38	WDU 2.5		
			39	WDU 2.5		
			40	WDU 2.5		

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- A1

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X101	Servicios auxiliares acabadora		= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+		
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				30620		Nº: 3062-D30-E3302 Hoja 702
	Modificacion	Fecha	Nombre	Norma	IEC				30620	Nº: 3062-D30-E3302	Hoja 704 Sigue
ft. DIN6771 / Teil 5		1	2		3		4		5		6
Obtenido de:		Reemplazo para:		Reemplaz. por:		Descript.		7		8	

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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO		PUENTE	BORNE	CODIGO DE DESTINO		HOJA Y COLUMNA	
CODIGO DE IDENTIFICAC. APARATO		CONEXION		TIPO		CONEXION	
NIVEL DE RUIDO		BORNE N°:		BLOQUE DE IDENTIFICAC. COMPONENTE		CONEXION	
4	-105PWRM102	U	1	WDU 16N	-L2	4	/140.3
4	-105PWRM102	V	2	WDU 16N	-L2	5	/140.3
4	-105PWRM102	W	3	WDU 16N	-L2	6	/140.3
			4	WDU 2.5	EN1		/146.6
			5	WDU 2.5	EN		/146.6
			6	WDU 2.5			/154.6
			7	WDU 2.5	-A119	1	/156.2
			8	WDU 2.5	-A119	5	/156.2
			9	WDU 2.5	-A119	2	/156.2
			10	WDU 2.5			/156.2
			11	WDU 2.5			
			12	WDU 2.5	-A115	5	/156.6
			13	WDU 2.5	-A115	2	/156.6
			14	WDU 2.5	-A116	2	/156.6
			15	WDU 2.5	-A116	6	/156.6
			16	WDU 2.5	-A114	2	/154.6
			17	WDU 2.5			/156.6
1	-105PWRB102	+V	18	WDU 2.5	-U1	40	/144.6
1	-105PWRB102	0V	19	WDU 2.5	-U1	35	/144.6
1	-105PWRB102	A	20	WDU 2.5	-U1	36	/144.6
1	-105PWRB102	/A	21	WDU 2.5			/144.6
1	-105PWRB102	B	22	WDU 2.5	-U1	37	/144.6
1	-105PWRB102	/B	23	WDU 2.5			/144.6
1	-105PWRB102	Z	24	WDU 2.5	-U1	38	/144.6
1	-105PWRB102	/Z	25	WDU 2.5		13	/144.6
1	-105PWRB102	SH	26	WDU 2.5	SH		/144.6
			27	WDU 2.5		6	/144.6
			28	WDU 2.5		5	/144.6
1	-105PWRM102A	U	29	WDU 2.5	-A2K2	2	/143.6
1	-105PWRM102A	V	30	WDU 2.5	-A2K2	4	/143.6
1	-105PWRM102A	W	31	WDU 2.5	-A2K2	6	/143.6
			32	WDU 2.5		8	/144.6
			33	WDU 2.5		3	/144.6
			34	WDU 2.5		4	/144.6
			35	WDU 2.5		1	/144.6
			36	WDU 2.5		2	/144.6
			37	WDU 2.5			/144.6
			38	WDU 2.5			
			39	WDU 2.5	-A118	1	/154.3
			40	WDU 2.5	-A118	5	/154.3
			41				
			42				
			43				
			44				
			45				
			46				

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.F02-X102	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+30620	
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 704
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Sigue 706

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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO		PUENTE	BORNE	CODIGO DE DESTINO		HOJA Y COLUMNA	
CODIGO DE IDENTIFICAC.		CONEXION		TIPO		CONEXION	
APARATO		BORNE N°:		BLOQUE DE IDENTIFICAC.		CONEXION	
NIVEL DE RUIDO							
4	-105PWRM201	U	1	WDU 6	-L2	4	/160.3
4	-105PWRM201	V	2	WDU 6	-L2	5	/160.3
4	-105PWRM201	W	3	WDU 6	-L2	6	/160.3
2	-105PWRS001	C	4	WDU 2.5	V4.3		/162.7
2	-105PWRS001	NC	5	WDU 2.5	-K200	A1	/162.7
2	-105PWRS002	C	6	WDU 2.5	-K201	A1	/162.7
2	-105PWRS002	NC	7	WDU 2.5	V4.3		/162.7
2	=30BB.L50 -X170	9	8	WDU 2.5	-A21	A1+	/166.6
2	=30BB.L50 -X170	10	9	WDU 2.5	-A21	A2-	/166.6
			10	WDU 2.5			/174.6
			11	WDU 2.5	-A128	1	/176.2
			12	WDU 2.5	-A128	5	/176.2
			13	WDU 2.5	-A128	2	/176.2
			14	WDU 2.5			/176.2
			15	WDU 2.5	-Q3	43	/176.6
			16	WDU 2.5	-A124	5	/176.6
			17	WDU 2.5	-A124	2	/176.6
			18	WDU 2.5	-A123	2	/174.6
			19	WDU 2.5	-A127	1	/174.3
1	-105PWRB201	+V	20	WDU 2.5	-U1	40	/164.6
1	-105PWRB201	0V	21	WDU 2.5	-U1	35	/164.6
1	-105PWRB201	A	22	WDU 2.5	-U1	36	/164.6
1	-105PWRB201	/A	23	WDU 2.5	-A51	11	/164.6
1	-105PWRB201	B	24	WDU 2.5	-U1	37	/164.6
1	-105PWRB201	/B	25	WDU 2.5	-A51	15	/164.6
1	-105PWRB201	Z	26	WDU 2.5	-U1	38	/164.6
1	-105PWRB201	/Z	27	WDU 2.5	-A51	13	/164.6
1	-105PWRB201	SH	28	WDU 2.5	SH		/164.6
1	=30BB.L50 -X171	1	29	WDU 2.5	-A51	6	/164.6
1	=30BB.L50 -X171	2	30	WDU 2.5	-A51	5	/164.6
			31	WDU 2.5			/164.6
			32	WDU 2.5			/164.6
1	=30BB.L50 -X171	3	33	WDU 2.5	-A51	7	/164.6
1	=30BB.L50 -X171	4	34	WDU 2.5	-A51	8	/164.6
			35	WDU 2.5	-A51	3	/164.6
			36	WDU 2.5	-A51	4	/164.6
			37	WDU 2.5	-A51	1	/164.6
			38	WDU 2.5	-A51	2	/164.6
1	=30BB.L50 -X171	9	39	WDU 2.5	SH		/164.6
1	=30BB.L50 -X171	19	40	WDU 2.5	REF+		/166.6
1	=30BB.L50 -X171	20	41	WDU 2.5	REF-		/166.6
1	=30BB.L50 -X171	21	42	WDU 2.5	SH		/166.6
			43	WDU 2.5			
			44	WDU 2.5			
			45	WDU 2.5			
			46	WDU 2.5			
			47	WDU 2.5			
1	=1105PWRM201A	U	48	WDU 2.5	-A3K2	2	/161.3
1	=1105PWRM201A	V	49	WDU 2.5	-A3K2	4	/161.3
1	=1105PWRM201A	W	50	WDU 2.5	-A3K2	6	/161.3

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.F02-X103	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	+ 706
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 708 Sigue 706
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	
ft. DIN6771/Teil 5	1		2	Obtenido de:	Reemplazo para:	Reemplaz. por:			7	8



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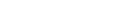
PLANTA

TABLERO DE MANDO

PLANTA	TABLERO DE MANDO					
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO		
	CODIGO DE IDENTIFICAC. APARATO			HOJA Y COLUMNA		
NIVEL DE RUIDO	CONEXION	BORNE N°.	TIPO	CONEXION	BLOQUE DE IDENTIFICAC. COMPONENTE	CONEXION
4	-I05PWRM202	U	1	WDU 6	-L2	4 /180.3
4	-I05PWRM202	V	2	WDU 6	-L2	5 /180.3
4	-I05PWRM202	W	3	WDU 6	-L2	6 /180.3
2	-I05PWR003	C	4	WDU 2.5	V4.4	/182.7
2	-I05PWR003	NC	5	WDU 2.5	-K200	A1 /182.7
2	-I05PWR004	C	6	WDU 2.5	-K201	A1 /182.7
2	-I05PWR004	NC	7	WDU 2.5	V4.4	/182.7
2	=30BB.L50 -X170	11	8	WDU 2.5	-A21	A1+ /186.6
2	=30BB.L50 -X170	12	9	WDU 2.5	-A21	A2- /186.6
			10	WDU 2.5		/194.6
2	=RESERVA PLC Q12.0		11	WDU 2.5	-A137	1 /196.2
2	=RESERVA PLC Q12.1		12	WDU 2.5	-A137	5 /196.2
2	=RESERVA PLC Q12.2		13	WDU 2.5	-A137	2 /196.2
			14	WDU 2.5		/196.2
2	=RESERVA PLC I11.2		15	WDU 2.5	-K2	14 /196.6
2	=RESERVA PLC I10.1		16	WDU 2.5	-A133	5 /196.6
2	=RESERVA PLC I10.2		17	WDU 2.5	-A133	2 /196.6
2	=RESERVA PLC I12.6		18	WDU 2.5	-A132	2 /194.6
2	=RESERVA PLC Q11.4		19	WDU 2.5	-A136	1 /194.3
1	-I05PWRB202	+V	20	WDU 2.5	-U1	40 /184.6
1	-I05PWRB202	0V	21	WDU 2.5	-U1	35 /184.6
1	-I05PWRB202	A	22	WDU 2.5	-U1	36 /184.6
1	-I05PWRB202	/A	23	WDU 2.5	-A51	11 /184.6
1	-I05PWRB202	B	24	WDU 2.5	-U1	37 /184.6
1	-I05PWRB202	/B	25	WDU 2.5	-A51	15 /184.6
1	-I05PWRB202	Z	26	WDU 2.5	-U1	38 /184.6
1	-I05PWRB202	/Z	27	WDU 2.5	-A51	13 /184.6
1	-I05PWRB202	SH	28	WDU 2.5	SH	/184.6
1	=30BB.L50 -X171	10	29	WDU 2.5	-A51	6 /184.6
1	=30BB.L50 -X171	11	30	WDU 2.5	-A51	5 /184.6
			31	WDU 2.5		/184.6
			32	WDU 2.5		/184.6
1	=30BB.L50 -X171	12	33	WDU 2.5	-A51	7 /184.6
1	=30BB.L50 -X171	13	34	WDU 2.5	-A51	8 /184.6
1	=30BB.L50 -X171	SH	35	WDU 2.5	-A51	3 /184.6
1	=30BB.L50 -X171	14	36	WDU 2.5	-A51	4 /184.6
1	=30BB.L50 -X171	15	37	WDU 2.5	-A51	1 /184.6
1	=30BB.L50 -X171	16	38	WDU 2.5	-A51	2 /184.6
1	=30BB.L50 -X171	17	39	WDU 2.5	SH	/184.6
1	=30BB.L50 -X171	22	40	WDU 2.5	REF+	/186.6
1	=30BB.L50 -X171	23	41	WDU 2.5	REF-	/186.6
1	=30BB.L50 -X171	24	42	WDU 2.5	SH	/186.6
			43	WDU 2.5		
			44	WDU 2.5		
			45	WDU 2.5		
			46	WDU 2.5		
			47	WDU 2.5		
1	=I105PWRM202A	U	48	WDU 2.5	-A4K2	2 /181.3
1	=I105PWRM202A	V	49	WDU 2.5	-A4K2	4 /181.3
1	=I105PWRM202A	W	50	WDU 2.5	-A4K2	6 /181.3

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X104	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302 Hoja 708
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				710	Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

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TABLERO DE MANDO

CODIGO DE DESTINO BORNE PIENTE CODIGO DE DESTINO CODIGO DE DESTINO

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X107	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 30620	Nº 3062-D30-E3302
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Hoja 714 716 Sigue	
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

PLANTA

TABLERO DE MANDO

CODIGO DE DESTINO		PUENTE	BORNE	CODIGO DE DESTINO
CODIGO DE IDENTIFICAC.		TIPO		CONEXION
APARATO		BORNE N°:		BLOQUE DE IDENTIFICAC. COMPONENTE
NIVEL DE RUIDO				

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	DANIELI AUTOMATION SIPAR	=30BB.F02-X109 Descript.	Servicios auxiliares acabadora + 30620 N°: 3062-D30-E3302
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME			
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME			
	Modificacion	Fecha	Nombre	Norma	IEC			

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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO			CONEXION	HOJA Y COLUMNA
CODIGO DE IDENTIFICAC.		TIPO		BORNE N°:		BORNE N°:	BLOQUE DE IDENTIFICAC.
APARATO						COMPONENTE	
NIVEL DE RUIDO							
4	-I16TUSM001	U	1	WDU 16N	-L2	4	/300.3
4	-I16TUSM001	V	2	WDU 16N	-L2	5	/300.3
4	-I16TUSM001	W	3	WDU 16N	-L2	6	/300.3
			!	4	WDU 2.5	EN1	
				5	WDU 2.5	EN	/306.6
				6	WDU 2.5		/314.6
				7	WDU 2.5	-A120	1
				8	WDU 2.5	-A120	5
				9	WDU 2.5	-A120	2
				10	WDU 2.5		/316.2
				11	WDU 2.5	-A116	1
				12	WDU 2.5	-A116	5
				13	WDU 2.5	-A116	2
				14	WDU 2.5	-A117	2
				15	WDU 2.5	-A117	6
				16	WDU 2.5	-Q3	43
				17	WDU 2.5		/316.6
1	-F02W1007	+V	18	WDU 2.5	-U1	40	/304.6
1	-F02W1007	0V	19	WDU 2.5	-U1	35	/304.6
1	-F02W1007	A	20	WDU 2.5	-U1	36	/304.6
1	-F02W1007	/A	21	WDU 2.5	-A51	11	/304.6
1	-F02W1007	B	22	WDU 2.5	-U1	37	/304.6
1	-F02W1007	/B	23	WDU 2.5	-A51	15	/304.6
1	-F02W1007	Z	24	WDU 2.5	-U1	38	/304.6
1	-F02W1007	/Z	25	WDU 2.5	-A51	13	/304.6
1	-F02W1007	SH	26	WDU 2.5	SH		/304.6
1	=30BB.L50-X171	37	27	WDU 2.5	-A51	6	/304.6
1	=30BB.L50-X171	38	28	WDU 2.5	-A51	5	/304.6
			29	WDU 2.5			/304.6
			30	WDU 2.5			/304.6
1	=30BB.L50-X171	39	31	WDU 2.5	-A51	7	/304.6
1	=30BB.L50-X171	40	32	WDU 2.5	-A51	8	/304.6
			33	WDU 2.5	-A51	3	/304.6
1	=30BB.L50-X171		34	WDU 2.5	-A51	4	/304.6
1	=30BB.L50-X171		35	WDU 2.5	-A51	1	/304.6
1	=30BB.L50-X171		36	WDU 2.5	-A51	2	/304.6
1	=30BB.L50-X171	45	37	WDU 2.5	SH		/304.6
			38	WDU 2.5			
			39	WDU 2.5			
			40	WDU 2.5	-A119	1	/314.4
			41	WDU 2.5	-A119	5	
			42				
1	=I16TUSM001A	U	43		-A10K2	2	/302.3
1	=I16TUSM001A	V	44		-A10K2	4	/302.3
1	=I16TUSM001A	W	45		-A10K2	6	/302.3

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-A10

4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.F02-X110	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 720
	Modificacion	Fecha	Nombre	Norma	IEC					Sigue 722
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PLANTA	TABLERO DE MANDO			
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO
CODIGO DE IDENTIFICAC. APARATO	CONEXION	TIPO	HOJA Y COLUMNA	
			CONEXION	BLOQUE DE IDENTIFICAC. COMPONENTE
	BORNE N°.			
4	=30BB.Z206 -X101	1	1	WDU 35
4	=30BB.Z206 -X101	2	2	WDU 35
4	=30BB.Z206 -X101	3	3	WDU 35
4	=30BB.Z207 -X101	1	4	WDU 16N
4	=30BB.Z207 -X101	2	5	WDU 16N
4	=30BB.Z207 -X101	3	6	WDU 16N
4	=30BB.F02-A12 -X112	1	7	WDU 16N
4	=30BB.F02-A12 -X112	2	8	WDU 16N
4	=30BB.F02-A12 -X112	3	9	WDU 16N
2	=30BB.Z206 -X132	2	10	WDU 2.5
2	=30BB.Z206 -X132	3	11	WDU 2.5
2	=30BB.Z206 -X132	1	12	WDU 2.5
2	=30BB.Z206 -X132	4	13	WDU 2.5
			14	WDU 2.5
			15	WDU 2.5
			16	WDU 2.5
			17	WDU 2.5
			18	WDU 2.5
			19	WDU 2.5
			20	WDU 2.5
			21	WDU 2.5
			22	WDU 2.5
			23	WDU 2.5
			24	WDU 2.5
			25	WDU 2.5
			26	WDU 2.5
			27	WDU 2.5
			28	WDU 2.5
			29	WDU 2.5
			30	WDU 2.5

626.16E-008-722-4

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X111	Descript.	Servicios auxiliares acabadora	=30BB.F02
3	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+ 30620	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME					Nº: 3062-D30-E3302	Hoja 722 724 Sigue
	Modificacion	Fecha	Nombre	Norma	EC						
			Obtenido de:		Reemplazo para:		Reemplaz. por:				

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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO	PUENTE	BORNE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA		
CODIGO DE IDENTIFICAC.		CONEXION		CONEXION		TIPO	
APARATO		BORNE N°:		BLOQUE DE IDENTIFICAC.		COMPONENTE	
NIVEL DE RUIDO							
4	=30BB.F02-A11-X111	7	1	WDU 16N	-F1	2	/340.2
4	=30BB.F02-A11-X111	8	2	WDU 16N	-F1	4	/340.2
4	=30BB.F02-A11-X111	9	3	WDU 16N	-F1	6	/340.2
4	=30BB.Z208-X101	1	4	WDU 35	-F2	2	/340.3
4	=30BB.Z208-X101	2	5	WDU 35	-F2	4	/340.3
4	=30BB.Z208-X101	3	6	WDU 35	-F2	6	/340.3
2	=30BB.Z208-X132	2	7	WDU 2.5	V4.12		/350.6
2	=30BB.Z208-X132	3	8	WDU 2.5	-K29	A1	/350.6
2	=30BB.Z208-X132	1	9	WDU 2.5	-K30	A1	/350.6
2	=30BB.Z208-X132	4	10	WDU 2.5	-K30	A2	/350.6
			11	WDU 2.5			/348.6
			12	WDU 2.5	-A137	1	/348.3
			13	WDU 2.5	-A138	1	/350.2
			14	WDU 2.5	-A138	5	/350.2
			15	WDU 2.5			/350.2
			16	WDU 2.5			/350.2
			17	WDU 2.5	-A134	2	/350.6
			18	WDU 2.5	-A135	1	/350.6
			19	WDU 2.5	-A135	5	/350.6
			20	WDU 2.5	-A135	2	/350.6
			21	WDU 2.5	-A135	6	/350.6
			22	WDU 2.5			/350.6
			23	WDU 2.5			
			24	WDU 2.5			
			25	WDU 2.5			
			26	WDU 2.5			
			27	WDU 2.5			
			28	WDU 2.5			
			29	WDU 2.5			
			30	WDU 2.5			

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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.F02-X112	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302 Hoja 724 726 Sigue

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TABLERO DE MANDO

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3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X113	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg.	VENDRAME					+ 726
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302 Hoja 726 728 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

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† DIN 6771

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CERTIFICATION
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ISO 9001According to law CENTRO AUTOMATION SpA considers this document to be
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PLANTA		TABLERO DE MANDO		
CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA
				CONEXION
				BLOQUE DE IDENTIFICAC. COMPONENTE
				TIPO
				BORNE N°:
				CONEXION
				CODIGO DE IDENTIFICAC. APARATO
				NIVEL DE RUIDO
4	-124THPM001	U	1	WDU 35 -F1 2 /398.2
4	-124THPM001	V	2	WDU 35 -F1 4 /398.2
4	-124THPM001	W	3	WDU 35 -F1 6 /398.2
4	-115TCFM001	U	4	WDU 16N -F1 2 /394.2
4	-115TCFM001	V	5	WDU 16N -F1 4 /394.2
4	-115TCFM001	W	6	WDU 16N -F1 6 /394.2
4	-123TOPM001	U	7	WDU 16N -F1 2 /396.2
4	-123TOPM001	V	8	WDU 16N -F1 4 /396.2
4	-123TOPM001	W	9	WDU 16N -F1 6 /396.2
4	-H2FCTX01	7	10	WDU 6 -F1 2 /392.2
4	-H2FCTX01	8	11	WDU 6 -F1 4 /392.2
4	-H2FCTX01	9	12	WDU 6 -F1 6 /392.2
4	-H2FCTX01	1	13	WDU 6 -F1 2 /388.2
4	-H2FCTX01	2	14	WDU 6 -F1 4 /388.2
4	-H2FCTX01	3	15	WDU 6 -F1 6 /388.2
4	-H2FCTX01	4	16	WDU 6 -K6 2 /388.1
4	-H2FCTX01	5	17	WDU 6 -K6 4 /388.1
4	-H2FCTX01	6	18	WDU 6 -K6 6 /388.1
3	-I1TRIS001	NC	19	WDU 2.5 -K13 A1 /388.3
3	-I1TRIS001	C	20	WDU 2.5 -K14 A1 /388.3
3	-I1TRIS002	NC	21	WDU 2.5 -K13 A1 /388.3
3	-I1TRIS002	C	22	WDU 2.5 -K15 A1 /388.3
			23	WDU 2.5
			24	WDU 2.5
			25	WDU 2.5

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B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 						
C	According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it, in whole or part, to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	O					
D	PLANTA						
E	NIVEL DE RUIDO						
F	O						

CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO		HOJA Y COLUMNA	CONEXION	TIPO	BORNE N°.	CONEXION	BLOQUE DE IDENTIFICAC. COMPONENTE	CONEXION	TIPO	BORNE N°.	CONEXION	BLOQUE DE IDENTIFICAC. APARATO	NIVEL DE RUIDO		
			PLANTAS	TIPO														
4 -X01CL0M110	U	1	WDU95/120	-F1	2	/400.2												
4 -X01CL0M110	V	2	WDU95/120	-F1	4	/400.2												
4 -X01CL0M110	W	3	WDU95/120	-F1	6	/400.2												
4 -X01CL0M120	U	4	WDU95/120	-F1	2	/402.2												
4 -X01CL0M120	V	5	WDU95/120	-F1	4	/402.2												
4 -X01CL0M120	W	6	WDU95/120	-F1	6	/402.2												
4 -.....		7	WDU 25	-Q1	2	/406.2												
4 -.....		8	WDU 25	-Q1	4	/406.2												
4 -.....		9	WDU 25	-Q1	6	/406.2												
4 -X01CL0R001/2	U	10	WDU 6	-K1	2	/404.2												
4 -X01CL0R001/2	V	11	WDU 6	-K1	4	/404.2												
4 -X01CL0R001/2	W	12	WDU 6	-K1	6	/404.2												

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3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.F02-X123	Servicios auxiliares acabadora		=30BB.F02	
2			Encarg.	VENDRAME				+ 30BB.F02			
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME							
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		
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PLANTAS

TABLERO DE MANDO

PLANTA	TABLERO DE MANDO					
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO		
	CODIGO DE IDENTIFICAC. APARATO		CONEXION		HOJA Y COLUMNA	
	NIVEL DE RUIDO			TIPO	CONEXION	BLOQUE DE IDENTIFICAC. COMPONENTE
			BORNE N°.			
4	=30BB.F02-A5-X105	1	1	WDU 35	-Q0	1 /500.2
4	=30BB.F02-A5-X105	2	2	WDU 35	-Q0	3 /500.2
4	=30BB.F02-A5-X105	3	3	WDU 35	-Q0	5 /500.2
4	-I05PWRM001	U	4	WDU 6	-Q1	2 /500.2
4	-I05PWRM001	V	5	WDU 6	-Q1	4 /500.2
4	-I05PWRM001	W	6	WDU 6	-Q1	6 /500.2
4	-I05PWRM002	U	7	WDU 6	-Q2	2 /500.2
4	-I05PWRM002	V	8	WDU 6	-Q2	4 /500.2
4	-I05PWRM002	W	9	WDU 6	-Q2	6 /500.2
4	-I05PWRM003	U	10	WDU 6	-Q3	2 /500.2
4	-I05PWRM003	V	11	WDU 6	-Q3	4 /500.2
4	-I05PWRM003	W	12	WDU 6	-Q3	6 /500.2
4	-I05PWRM004	U	13	WDU 6	-Q4	2 /500.2
4	-I05PWRM004	V	14	WDU 6	-Q4	4 /500.2
4	-I05PWRM004	W	15	WDU 6	-Q4	6 /500.2
4	-I05PWRM005	U	16	WDU 6	-Q5	2 /500.2
4	-I05PWRM005	V	17	WDU 6	-Q5	4 /500.2
4	-I05PWRM005	W	18	WDU 6	-Q5	6 /500.2
4	-I05PWRM006	U	19	WDU 6	-Q6	2 /500.2
4	-I05PWRM006	V	20	WDU 6	-Q6	4 /500.2
4	-I05PWRM006	W	21	WDU 6	-Q6	6 /500.2
4	-I05PWRM007	U	22	WDU 6	-Q7	2 /500.2
4	-I05PWRM007	V	23	WDU 6	-Q7	4 /500.2
4	-I05PWRM007	W	24	WDU 6	-Q7	6 /500.2
4	-I05PWRM008	U	25	WDU 6	-Q8	2 /500.2
4	-I05PWRM008	V	26	WDU 6	-Q8	4 /500.2
4	-I05PWRM008	W	27	WDU 6	-Q8	6 /500.2
4	-I05PWRM009	U	28	WDU 6	-Q9	2 /500.2
4	-I05PWRM009	V	29	WDU 6	-Q9	4 /500.2
4	-I05PWRM009	W	30	WDU 6	-Q9	6 /500.2
4	-I05PWRM010	U	31	WDU 6	-Q10	2 /500.2
4	-I05PWRM010	V	32	WDU 6	-Q10	4 /500.2
4	-I05PWRM010	W	33	WDU 6	-Q10	6 /500.2
4	-I05PWRM011	U	34	WDU 6	-Q11	2 /500.2
4	-I05PWRM011	V	35	WDU 6	-Q11	4 /500.2
4	-I05PWRM011	W	36	WDU 6	-Q11	6 /500.2
4	-I05PWRM012	U	37	WDU 6	-Q12	2 /500.2
4	-I05PWRM012	V	38	WDU 6	-Q12	4 /500.2
4	-I05PWRM012	W	39	WDU 6	-Q12	6 /500.2
4	-I05PWRM013	U	40	WDU 6	-Q13	2 /500.2
4	-I05PWRM013	V	41	WDU 6	-Q13	4 /500.2
4	-I05PWRM014	U	42	WDU 6	-Q14	2 /500.2
4	-I05PWRM014	V	43	WDU 6	-Q14	4 /500.2
4	-I05PWRM015	U	46	WDU 6	-Q15	2 /500.2
4	-I05PWRM015	V	47	WDU 6	-Q15	4 /500.2
4	-I05PWRM015	W	48	WDU 6	-Q15	6 /500.2
4	-I05PWRM016	U	49	WDU 6	-Q16	2 /500.3
4	-I05PWRM016	V	50	WDU 6	-Q16	4 /500.3

626.16E-008-770-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z201-X101	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME					+ +
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Hoja 770 771 Sigue

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TABLERO DE MANDO	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA		CONEXION		BLOQUE DE IDENTIFICAC.		COMPONENTE			
					TIPO	BORNE N°:								
PLANTA	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	CONEXION									
				CODIGO DE IDENTIFICAC.										
				APARATO										
				NIVEL DE RUIDO	4	-105PWRM016	W	51	WDU 6	-Q16	6	/500.3		

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3				Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.Z201-X101	Servicios auxiliares acabadora		=30BB.F02
2				Encarg.	VENDRAME						+ 30620
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME							Nº: 3062-D30-E3302
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			Hoja 771 772 Sigue

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2				Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME							
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	30620	Nº: 3062-D30-E3302 Hoja 772
						Obtenido de:	Reemplazo para:	Reemplaz. por:			773 Sigue



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PLANTA	TABLERO DE MANDO		
	CODIGO DE DESTINO	PUENTE	BORNE
			CODIGO DE IDENTIFICA APARATO
			CONEXION
			BORNE N°.
			TIPO
			BLOQUE DE IDENTIFICA COMPONENTE
			CONEXION
			HOJA Y COLUMNA

PLANTA	TABLERO DE MANDO	CÓDIGO DE DESTINO	RUMBO	DISTANCIA	CÓDIGO DE DESTINO

NIVEL DE RUIDO	CÓDIGO DE IDENTIFICAC. APARATO	CONEXION	TIPO	BORNE N°.	CONEXION	BLOQUE DE IDENTIFICAC. COMPONENTE	PUENTE BORNE	CÓDIGO DE DESTINO	HOJA Y COLUMNAS
4	=30BB.F02-A5-X105	4	1	WDU 35	-Q0	1	/502.2		
4	=30BB.F02-A5-X105	5	2	WDU 35	-Q0	3	/502.2		
4	=30BB.F02-A5-X105	6	3	WDU 35	-Q0	5	/502.2		
4	-I05PWRM017	U	4	WDU 6	-Q1	2	/502.2		
4	-I05PWRM017	V	5	WDU 6	-Q1	4	/502.2		
4	-I05PWRM017	W	6	WDU 6	-Q1	6	/502.2		
4	-I05PWRM018	U	7	WDU 6	-Q2	2	/502.2		
4	-I05PWRM018	V	8	WDU 6	-Q2	4	/502.2		
4	-I05PWRM018	W	9	WDU 6	-Q2	6	/502.2		
4	-I05PWRM019	U	10	WDU 6	-Q3	2	/502.2		
4	-I05PWRM019	V	11	WDU 6	-Q3	4	/502.2		
4	-I05PWRM019	W	12	WDU 6	-Q3	6	/502.2		
4	-I05PWRM020	U	13	WDU 6	-Q4	2	/502.2		
4	-I05PWRM020	V	14	WDU 6	-Q4	4	/502.2		
4	-I05PWRM020	W	15	WDU 6	-Q4	6	/502.2		
4	-I05PWRM021	U	16	WDU 6	-Q5	2	/502.2		
4	-I05PWRM021	V	17	WDU 6	-Q5	4	/502.2		
4	-I05PWRM021	W	18	WDU 6	-Q5	6	/502.2		
4	-I05PWRM022	U	19	WDU 6	-Q6	2	/502.2		
4	-I05PWRM022	V	20	WDU 6	-Q6	4	/502.2		
4	-I05PWRM022	W	21	WDU 6	-Q6	6	/502.2		
4	-I05PWRM023	U	22	WDU 6	-Q7	2	/502.2		
4	-I05PWRM023	V	23	WDU 6	-Q7	4	/502.2		
4	-I05PWRM023	W	24	WDU 6	-Q7	6	/502.2		
4	-I05PWRM024	U	25	WDU 6	-Q8	2	/502.2		
4	-I05PWRM024	V	26	WDU 6	-Q8	4	/502.2		
4	-I05PWRM024	W	27	WDU 6	-Q8	6	/502.2		
4	-I05PWRM025	U	28	WDU 6	-Q9	2	/502.2		
4	-I05PWRM025	V	29	WDU 6	-Q9	4	/502.2		
4	-I05PWRM025	W	30	WDU 6	-Q9	6	/502.2		
4	-I05PWRM026	U	31	WDU 6	-Q10	2	/502.2		
4	-I05PWRM026	V	32	WDU 6	-Q10	4	/502.2		
4	-I05PWRM026	W	33	WDU 6	-Q10	6	/502.2		
4	-I05PWRM027	U	34	WDU 6	-Q11	2	/502.2		
4	-I05PWRM027	V	35	WDU 6	-Q11	4	/502.2		
4	-I05PWRM027	W	36	WDU 6	-Q11	6	/502.2		
4	-I05PWRM028	U	37	WDU 6	-Q12	2	/502.2		
4	-I05PWRM028	V	38	WDU 6	-Q12	4	/502.2		
4	-I05PWRM028	W	39	WDU 6	-Q12	6	/502.2		
4	-I05PWRM029	U	40	WDU 6	-Q13	2	/502.2		
4	-I05PWRM029	V	41	WDU 6	-Q13	4	/502.2		
4	-I05PWRM029	W	42	WDU 6	-Q13	6	/502.2		
4	-I05PWRM030	U	43	WDU 6	-Q14	2	/502.2		
4	-I05PWRM030	V	44	WDU 6	-Q14	4	/502.2		
4	-I05PWRM030	W	45	WDU 6	-Q14	6	/502.2		
4	-I05PWRM031	U	46	WDU 6	-Q15	2	/502.2		
4	-I05PWRM031	V	47	WDU 6	-Q15	4	/502.2		
4	-I05PWRM031	W	48	WDU 6	-Q15	6	/502.2		
4	-I05PWRM032	U	49	WDU 6	-Q16	2	/502.3		
4	-I05PWRM032	V	50	WDU 6	-Q16	4	/502.3		

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3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z202-X101	Servicios auxiliares acabadora		= 30BB.F02
2				Encarg.	VENDRAME				+		
1	EMISION PARA CON	ENE 97	GLELEAN	Contr.	VENDRAME						
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	30620	Nº: 3062-D30-E3302 Hoja 773
						Obtenido de:	Reemplazo para:	Reemplaz. por:			774 Sigue

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		Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z202-X101	Descript.	Servicios auxiliares acabadora	= 30BB.F02
		Encarg.	VENDRAME					+	
EMISION PARA CON	ENE 97	CLEREAN	Contr. VENDRAME					30620	Nº: 3062-D30-E3302
Modificacion	Fecha	Nombre	Norma IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:			

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3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z202-X132	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	CLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 775 776 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	
				Obtenido de:		Reemplazo para:		Reemplaz. por:		



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PLANTA

TABLERO DE MANDO

PLANTA	TABLERO DE MANDO					
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA	
	CONEXION		TIPO	BLOQUE DE IDENTIFICAC.		CONEXION
NIVEL DE FLUIDO	CODIGO DE IDENTIFICAC.	APARATO	BORNE N°.			
+ +	=30BB.F02-A5 - X105	7	1	WDU 35	-Q0	1 /504.2
+ +	=30BB.F02-A5 - X105	8	2	WDU 35	-Q0	3 /504.2
+ +	=30BB.F02-A5 - X105	9	3	WDU 35	-Q0	5 /504.2
+ +	-105PWRM033	U	4	WDU 6	-Q1	2 /504.2
+ +	-105PWRM033	V	5	WDU 6	-Q1	4 /504.2
+ +	-105PWRM033	W	6	WDU 6	-Q1	6 /504.2
+ +	-105PWRM034	U	7	WDU 6	-Q2	2 /504.2
+ +	-105PWRM034	V	8	WDU 6	-Q2	4 /504.2
+ +	-105PWRM034	W	9	WDU 6	-Q2	6 /504.2
+ +	-105PWRM035	U	10	WDU 6	-Q3	2 /504.2
+ +	-105PWRM035	V	11	WDU 6	-Q3	4 /504.2
+ +	-105PWRM035	W	12	WDU 6	-Q3	6 /504.2
+ +	-105PWRM036	U	13	WDU 6	-Q4	2 /504.2
+ +	-105PWRM036	V	14	WDU 6	-Q4	4 /504.2
+ +	-105PWRM036	W	15	WDU 6	-Q4	6 /504.2
+ +	-105PWRM037	U	16	WDU 6	-Q5	2 /504.2
+ +	-105PWRM037	V	17	WDU 6	-Q5	4 /504.2
+ +	-105PWRM037	W	18	WDU 6	-Q5	6 /504.2
+ +	-105PWRM038	U	19	WDU 6	-Q6	2 /504.2
+ +	-105PWRM038	V	20	WDU 6	-Q6	4 /504.2
+ +	-105PWRM038	W	21	WDU 6	-Q6	6 /504.2
+ +	-105PWRM039	U	22	WDU 6	-Q7	2 /504.2
+ +	-105PWRM039	V	23	WDU 6	-Q7	4 /504.2
+ +	-105PWRM039	W	24	WDU 6	-Q7	6 /504.2
+ +	-105PWRM040	U	25	WDU 6	-Q8	2 /504.2
+ +	-105PWRM040	V	26	WDU 6	-Q8	4 /504.2
+ +	-105PWRM040	W	27	WDU 6	-Q8	6 /504.2
+ +	-105PWRM041	U	28	WDU 6	-Q9	2 /504.2
+ +	-105PWRM041	V	29	WDU 6	-Q9	4 /504.2
+ +	-105PWRM041	W	30	WDU 6	-Q9	6 /504.2
+ +	-105PWRM042	U	31	WDU 6	-Q10	2 /504.2
+ +	-105PWRM042	V	32	WDU 6	-Q10	4 /504.2
+ +	-105PWRM042	W	33	WDU 6	-Q10	6 /504.2
+ +	-105PWRM043	U	34	WDU 6	-Q11	2 /504.2
+ +	-105PWRM043	V	35	WDU 6	-Q11	4 /504.2
+ +	-105PWRM043	W	36	WDU 6	-Q11	6 /504.2
+ +	-105PWRM044	U	37	WDU 6	-Q12	2 /504.2
+ +	-105PWRM044	V	38	WDU 6	-Q12	4 /504.2
+ +	-105PWRM044	W	39	WDU 6	-Q12	6 /504.2
+ +	-106VRNM001	V	40	WDU 6	-Q13	2 /504.2
+ +	-106VRNM001	W	45	WDU 6	-Q14	6 /504.2
+ +	-106VRNM002	U	46	WDU 6	-Q13	4 /504.2
+ +	-106VRNM002	V	47	WDU 6	-Q15	2 /504.2
+ +	-106VRNM002	W	48	WDU 6	-Q15	4 /504.2
+ +	-106VRNM003	U	49	WDU 6	-Q16	2 /504.3
+ +	-106VRNM003	V	50	WDU 6	-Q16	4 /504.3

626.16E-008-776-3

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PLANTA	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	TABLERO DE MANDO	
					HOJA Y COLUMNA	CONEXION
					BLOQUE DE IDENTIFICAC.	
					COMPONENTE	
					TIPO	
					BORNE N°:	
					CONEXION	
					CODIGO DE IDENTIFICAC.	
					APARATO	
					NIVEL DE RUIDO	

626.16E-008-777-3

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.Z203-X101	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME					+ 778
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302 Hoja 778 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

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ISO 9001Member of
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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO	PUENTE	BORNE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA		
CODIGO DE IDENTIFICAC.		CONEXION		CONEXION		TIPO	
APARATO		BORNE N°:		BLOQUE DE IDENTIFICAC.		BLOQUE DE IDENTIFICAC.	
NIVEL DE RUIDO							
2	=30BB.Z202-X132	6	1	WDU 2.5	-Q0	7	/504.7
2	=30BB.Z202-X132	7	2	WDU 2.5	-Q16	21	/504.7
2	=30BB.Z202-X132	8	3	WDU 2.5	-Q1	13	/504.7
2	=30BB.Z202-X132	9	4	WDU 2.5	-H1	x2	/504.7
			5	WDU 2.5			/504.7
			6	WDU 2.5	-Q0	8	/504.7
			7	WDU 2.5	-Q16	21	/504.7
			8	WDU 2.5	-Q1	14	/504.7
			9	WDU 2.5	-H1	x2	/504.7

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3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	=30BB.Z203-X132	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.	VENDRAME					+ 778
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620 N° 3062-D30-E3302 Hoja 778 779 Sigue

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TABLERO DE MANDO

626.16E-008-780-3

	1	2	3	4	5	6	7	8
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E	AutoCAD-COMPUTER AIDED DESIGN 3.302-781	According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties. without specific written authorization of CENTRO AUTOMATION SpA Management						
F	O	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	O					
PLANTA								
CODIGO DE DESTINO		PUENTE	BORNE	BORNE	CODIGO DE DESTINO	TABLERO DE MANDO		
CODIGO DE IDENTIFICAC.		TIPO		CONEXION		HOJA Y COLUMNA		
APARATO		BORNE N°:		BLOQUE DE IDENTIFICAC.		CONEXION		
NIVEL DE RUIDO								
4	=30BB.F02-A7-X107	1	1	WDU 35	-Q0	1	/510.2	
4	=30BB.F02-A7-X107	2	2	WDU 35	-Q0	3	/510.2	
4	=30BB.F02-A7-X107	3	3	WDU 35	-Q0	5	/510.2	
4	-I09VACM007	U	4	WDU 6	-Q1	2	/510.2	
4	-I09VACM007	V	5	WDU 6	-Q1	4	/510.2	
4	-I09VACM007	W	6	WDU 6	-Q1	6	/510.2	
4	-I09VACM008	U	7	WDU 6	-Q2	2	/510.2	
4	-I09VACM008	V	8	WDU 6	-Q2	4	/510.2	
4	-I09VACM008	W	9	WDU 6	-Q2	6	/510.2	
4	-I09VACM009	U	10	WDU 6	-Q3	2	/510.2	
4	-I09VACM009	V	11	WDU 6	-Q3	4	/510.2	
4	-I09VACM009	W	12	WDU 6	-Q3	6	/510.2	
4	-I09VACM010	U	13	WDU 6	-Q4	2	/510.2	
4	-I09VACM010	V	14	WDU 6	-Q4	4	/510.2	
4	-I09VACM010	W	15	WDU 6	-Q4	6	/510.2	
4	-I09VACM011	U	16	WDU 6	-Q5	2	/510.2	
4	-I09VACM011	V	17	WDU 6	-Q5	4	/510.2	
4	-I09VACM011	W	18	WDU 6	-Q5	6	/510.2	
4	-I09VACM012	U	19	WDU 6	-Q6	2	/510.2	
4	-I09VACM012	V	20	WDU 6	-Q6	4	/510.2	
4	-I09VACM012	W	21	WDU 6	-Q6	6	/510.2	
4	-I09VACM013	U	22	WDU 6	-Q7	2	/510.2	
4	-I09VACM013	V	23	WDU 6	-Q7	4	/510.2	
4	-I09VACM013	W	24	WDU 6	-Q7	6	/510.2	
4	-I09VACM014	U	25	WDU 6	-Q8	2	/510.2	
4	-I09VACM014	V	26	WDU 6	-Q8	4	/510.2	
4	-I09VACM014	W	27	WDU 6	-Q8	6	/510.2	
4	-I14VUCM001	U	28	WDU 6	-Q9	2	/510.2	
4	-I14VUCM001	V	29	WDU 6	-Q9	4	/510.2	
4	-I14VUCM001	W	30	WDU 6	-Q9	6	/510.2	
4	-I14VUCM002	U	31	WDU 6	-Q10	2	/510.2	
4	-I14VUCM002	V	32	WDU 6	-Q10	4	/510.2	
4	-I14VUCM002	W	33	WDU 6	-Q10	6	/510.2	
4	-I14VUCM003	U	34	WDU 6	-Q11	2	/510.2	
4	-I14VUCM003	V	35	WDU 6	-Q11	4	/510.2	
4	-I14VUCM003	W	36	WDU 6	-Q11	6	/510.2	
4	-I14VUCM004	U	37	WDU 6	-Q12	2	/510.2	
4	-I14VUCM004	V	38	WDU 6	-Q12	4	/510.2	
4	-I14VUCM004	W	39	WDU 6	-Q12	6	/510.2	
4	-I14VUCM005	U	40	WDU 6	-Q13	2	/510.2	
4	-I14VUCM005	V	41	WDU 6	-Q13	4	/510.2	
4	-I14VUCM005	W	42	WDU 6	-Q13	6	/510.2	
4	-I14VUCM006	U	43	WDU 6	-Q14	2	/510.2	
4	-I14VUCM006	V	44	WDU 6	-Q14	4	/510.2	
4	-I14VUCM006	W	45	WDU 6	-Q14	6	/510.2	
4	-I14VUCM007	U	46	WDU 6	-Q15	2	/510.2	
4	-I14VUCM007	V	47	WDU 6	-Q15	4	/510.2	
4	-I14VUCM007	W	48	WDU 6	-Q15	6	/510.2	
4	-I14VUCM008	U	49	WDU 6	-Q16	2	/510.2	
4	-I14VUCM008	V	50	WDU 6	-Q16	4	/510.2	

626.16E-008-781-3

3		Fecha	27/01/1997	Encarg.	VENDRAME	SIPAR	DANIELI AUTOMATION	=30BB.Z205-X101	Servicios auxiliares acabadora	=30BB.F02
2		EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+
1	Modificacion	Fecha	Nombr	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
									30620	Nº: 3062-D30-E3302
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PLANTA	TABLERO DE MANDO			
	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO
			HOJA Y COLUMNA	
		CONEXION		
		BLOQUE DE IDENTIFICAC. COMPONENTE		
		TIPO		
		BORNE N°:		
		CONEXION		
		CODIGO DE IDENTIFICAC. APARATO		
4	I14VUCM008	W	51	WDU 6 -Q16 6 /510.2
4	I14VUCM009	U	52	WDU 6 -Q17 2 /510.2
4	I14VUCM009	V	53	WDU 6 -Q17 4 /510.2
4	I14VUCM009	W	54	WDU 6 -Q17 6 /510.2
4	I14VUCM010	U	55	WDU 6 -Q18 2 /510.3
4	I14VUCM010	V	56	WDU 6 -Q18 4 /510.3
4	I14VUCM010	W	57	WDU 6 -Q18 6 /510.3

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3				Fecha 27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z205-X101	Servicios auxiliares acabadora		=30BB.F02
2				Encarg. VENDRAME				+		
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 782
	Modificacion	Fecha	Nombre	Norma IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		783 Sigue

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O	AutoCAD-COMPUTER AIDED DESIGN	3302-783	According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	O	O	O	O	O
O	PLANTA	TABLERO DE MANDO						
O	CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO	CONEXION	HOJA Y COLUMNA	CONEXION	BLOQUE DE IDENTIFICAC.
O	CODO DE IDENTIFICAC.	APARATO	TIPO	COMPONENTE	BORNE N°:	CONEXION	TIPO	CONEXION
O	NIVEL DE RUIDO	CODO DE IDENTIFICAC.	APARATO	BORNE N°:	TIPO	TIPO	TIPO	TIPO
O	2 =30BB.F02-A7-X107	6	1	WDU 2.5	-Q0	7	/510.7	/510.7
O	2 =30BB.F02-A7-X107	4	2	WDU 2.5	-Q18	21	/510.7	/510.7
O	2 =30BB.F02-A7-X107	5	3	WDU 2.5	-Q1	13	/510.7	/510.7
O	2 =30BB.F02-A7-X107	7	4	WDU 2.5	-H1	x2	/510.7	/510.7
O	5	WDU 2.5	-Q0	8	/510.7	8	/510.7	/510.7
O	6	WDU 2.5	-Q18	21	/510.7	21	/510.7	/510.7
O	7	WDU 2.5	-Q1	14	/510.7	14	/510.7	/510.7
O	8	WDU 2.5	-H1	x2	/510.7	/510.7	/510.7	/510.7
O	9	WDU 2.5	-Q0	8	/510.7	8	/510.7	/510.7
O	626.16E-008-783-3							

 DANIELI AUTOMATION

=30BB.Z205-X132

Servicios auxiliares acabadora =30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 783

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PLANTA		TABLERO DE MANDO					
CODIGO DE DESTINO	PUENTE	BORNE	CODIGO DE DESTINO			HOJA Y COLUMNA	
CONEXION		TIPO			CONEXION		BLOQUE DE IDENTIFICAC. COMPONENTE
BORNE N°:							
4 =30BB.F02-A11 -X111	1	1	WDU 35	-Q0	1	/512.2	
4 =30BB.F02-A11 -X111	2	2	WDU 35	-Q0	3	/512.2	
4 =30BB.F02-A11 -X111	3	3	WDU 35	-Q0	5	/512.2	
4 -I17VRVM001	U	4	WDU 6	-Q1	2	/512.2	
4 -I17VRVM001	V	5	WDU 6	-Q1	4	/512.2	
4 -I17VRVM001	W	6	WDU 6	-Q1	6	/512.2	
4 -I17VRVM002	U	7	WDU 6	-Q2	2	/512.2	
4 -I17VRVM002	V	8	WDU 6	-Q2	4	/512.2	
4 -I17VRVM002	W	9	WDU 6	-Q2	6	/512.2	
4 -I17VRVM003	U	10	WDU 6	-Q3	2	/512.2	
4 -I17VRVM003	V	11	WDU 6	-Q3	4	/512.2	
4 -I17VRVM003	W	12	WDU 6	-Q3	6	/512.2	
4 -I17VRVM004	U	13	WDU 6	-Q4	2	/512.2	
4 -I17VRVM004	V	14	WDU 6	-Q4	4	/512.2	
4 -I17VRVM004	W	15	WDU 6	-Q4	6	/512.2	
4 -I17VRVM005	U	16	WDU 6	-Q5	2	/512.2	
4 -I17VRVM005	V	17	WDU 6	-Q5	4	/512.2	
4 -I17VRVM005	W	18	WDU 6	-Q5	6	/512.2	
4 -I17VRVM006	U	19	WDU 6	-Q6	2	/512.2	
4 -I17VRVM006	V	20	WDU 6	-Q6	4	/512.2	
4 -I17VRVM006	W	21	WDU 6	-Q6	6	/512.2	
4 -I17VRVM007	U	22	WDU 6	-Q7	2	/512.2	
4 -I17VRVM007	V	23	WDU 6	-Q7	4	/512.2	
4 -I17VRVM007	W	24	WDU 6	-Q7	6	/512.2	
4 -I17VRVM008	U	25	WDU 6	-Q8	2	/512.2	
4 -I17VRVM008	V	26	WDU 6	-Q8	4	/512.2	
4 -I17VRVM008	W	27	WDU 6	-Q8	6	/512.2	
4 -I17VRVM009	U	28	WDU 6	-Q9	2	/512.2	
4 -I17VRVM009	V	29	WDU 6	-Q9	4	/512.2	
4 -I17VRVM009	W	30	WDU 6	-Q9	6	/512.2	
4 -I17VRVM010	U	31	WDU 6	-Q10	2	/512.3	
4 -I17VRVM010	V	32	WDU 6	-Q10	4	/512.3	
4 -I17VRVM010	W	33	WDU 6	-Q10	6	/512.3	

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The logo consists of the text "ISO 9001" at the top, "Member of" in the middle, and a circular seal below. The seal contains the words "CERTIFIED" at the top and bottom, "EQNet" in the center, and "QUALITY MANAGEMENT SYSTEMS" around the bottom edge.

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AutoCAD - COMPUTER AIDED DESIGN
3302-785

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ft. DIN6771 /

626.16E-008-785-3

	1	2	3	4	5	6	7	8
A	○							
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSQ UNI EN 29001 ISO 9001 Member of  CERTIFIED QUALITY SYSTEM							
C	According to law CENTRO AUTOMATION SpA considers this document to be a company secret, and therefore prohibits any person to reproduce or disclose it, in whole or part, to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management ○							
D								
E	PLANTA							
F	TABLERO DE MANDO							
CODIGO DE DESTINO		PUENTE	BORNE	CODIGO DE DESTINO	HOJA Y COLUMNA			
CODIGO DE IDENTIFICAC.		CONEXION		CONEXION		CONEXION		
APARATO		TIPO		BORNE N°:		BLOQUE DE IDENTIFICAC. COMPONENTE		
NIVEL DE RUIDO		BORNE N°:		4	1	WDU 35	-Q0	1 /514.2
4 = 30BB.F02-A11 -X111		4		4	2	WDU 35	-Q0	3 /514.2
4 = 30BB.F02-A11 -X111		4		4	3	WDU 35	-Q0	5 /514.2
4 = 30BB.F02-A11 -X111		4		4	4	WDU 6	-Q1	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	5	WDU 6	-Q1	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	6	WDU 6	-Q1	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	7	WDU 6	-Q2	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	8	WDU 6	-Q2	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	9	WDU 6	-Q2	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	10	WDU 6	-Q3	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	11	WDU 6	-Q3	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	12	WDU 6	-Q3	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	13	WDU 6	-Q4	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	14	WDU 6	-Q4	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	15	WDU 6	-Q4	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	16	WDU 6	-Q5	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	17	WDU 6	-Q5	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	18	WDU 6	-Q5	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	19	WDU 6	-Q6	2 /514.2
4 = 30BB.F02-A11 -X111		4		4	20	WDU 6	-Q6	4 /514.2
4 = 30BB.F02-A11 -X111		4		4	21	WDU 6	-Q6	6 /514.2
4 = 30BB.F02-A11 -X111		4		4	22	WDU 6	-Q6	8 /514.2
4 = 30BB.F02-A11 -X111		4		4	23	WDU 6	-Q6	10 /514.2
4 = 30BB.F02-A11 -X111		4		4	24	WDU 6	-Q6	12 /514.2
4 = 30BB.F02-A11 -X111		4		4	25	WDU 6	-Q6	14 /514.2
4 = 30BB.F02-A11 -X111		4		4	26	WDU 6	-Q6	16 /514.2
4 = 30BB.F02-A11 -X111		4		4	27	WDU 6	-Q6	18 /514.2
4 = 30BB.F02-A11 -X111		4		4	28	WDU 6	-Q6	20 /514.2
4 = 30BB.F02-A11 -X111		4		4	29	WDU 6	-Q6	22 /514.2
4 = 30BB.F02-A11 -X111		4		4	30	WDU 6	-Q6	24 /514.2
4 = 30BB.F02-A11 -X111		4		4	31	WDU 6	-Q6	26 /514.2
4 = 30BB.F02-A11 -X111		4		4	32	WDU 6	-Q6	28 /514.2
4 = 30BB.F02-A11 -X111		4		4	33	WDU 6	-Q6	30 /514.2
4 = 30BB.F02-A11 -X111		4		4	34	WDU 6	-Q6	32 /514.2
4 = 30BB.F02-A11 -X111		4		4	35	WDU 6	-Q6	34 /514.2
4 = 30BB.F02-A11 -X111		4		4	36	WDU 6	-Q6	36 /514.2
4 = 30BB.F02-A11 -X111		4		4	37	WDU 6	-Q6	38 /514.2
4 = 30BB.F02-A11 -X111		4		4	38	WDU 6	-Q6	40 /514.2
4 = 30BB.F02-A11 -X111		4		4	39	WDU 6	-Q6	42 /514.2
4 = 30BB.F02-A11 -X111		4		4	40	WDU 6	-Q6	44 /514.2
4 = 30BB.F02-A11 -X111		4		4	41	WDU 6	-Q6	46 /514.2
4 = 30BB.F02-A11 -X111		4		4	42	WDU 6	-Q6	48 /514.2
4 = 30BB.F02-A11 -X111		4		4	43	WDU 6	-Q6	50 /514.2
4 = 30BB.F02-A11 -X111		4		4	44	WDU 6	-Q6	52 /514.2
4 = 30BB.F02-A11 -X111		4		4	45	WDU 6	-Q6	54 /514.2
4 = 30BB.F02-A11 -X111		4		4	46	WDU 6	-Q6	56 /514.2
4 = 30BB.F02-A11 -X111		4		4	47	WDU 6	-Q6	58 /514.2
4 = 30BB.F02-A11 -X111		4		4	48	WDU 6	-Q6	60 /514.2
4 = 30BB.F02-A11 -X111		4		4	49	WDU 6	-Q6	62 /514.2
4 = 30BB.F02-A11 -X111		4		4	50	WDU 6	-Q6	64 /514.2
4 = 30BB.F02-A11 -X111		4		4	51	WDU 6	-Q6	66 /514.2
4 = 30BB.F02-A11 -X111		4		4	52	WDU 6	-Q6	68 /514.2
4 = 30BB.F02-A11 -X111		4		4	53	WDU 6	-Q6	70 /514.2
4 = 30BB.F02-A11 -X111		4		4	54	WDU 6	-Q6	72 /514.2
4 = 30BB.F02-A11 -X111		4		4	55	WDU 6	-Q6	74 /514.2
4 = 30BB.F02-A11 -X111		4		4	56	WDU 6	-Q6	76 /514.2
4 = 30BB.F02-A11 -X111		4		4	57	WDU 6	-Q6	78 /514.2
4 = 30BB.F02-A11 -X111		4		4	58	WDU 6	-Q6	80 /514.2

CERTIFICATION
OF THE QUALITY
SYSTEM OF THE
COMPANIES



A rectangular logo containing the text "UNI EN 29001" in a bold, sans-serif font, with "ISO 9001" partially visible below it.



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3302-787

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TABLERO DE MANDO | PLANTA

APARATO

626.16E-008-787-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z207-X132	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC					Hoja 787 788 Sigue
				Obtenido de:	Reemplazo para:		Reemplaz. por:	Descript.		

PLANTA		TABLERO DE MANDO									
CODIGO DE DESTINO		PUENTE		BORNE		CODIGO DE DESTINO		HOJA Y COLUMNA			
CODIGO DE IDENTIFICAC.		CONEXION		TIPO		BORNE N°:		CONEXION			
NIVEL DE RUIDO		CONEXION		TIPO		BORNE N°:		BLOQUE DE IDENTIFICAC. COMPONENTE			
4	=30BB.F02-A12-X112	4	1	WDU 35	-Q0	1	/516.2				
4	=30BB.F02-A12-X112	5	2	WDU 35	-Q0	3	/516.2				
4	=30BB.F02-A12-X112	6	3	WDU 35	-Q0	5	/516.2				
4	-I22VSAM001	U	4	WDU 6	-Q1	2	/516.2				
4	-I22VSAM001	V	5	WDU 6	-Q1	4	/516.2				
4	-I22VSAM001	W	6	WDU 6	-Q1	6	/516.2				
4	-I22VSAM002	U	7	WDU 6	-Q2	2	/516.2				
4	-I22VSAM002	V	8	WDU 6	-Q2	4	/516.2				
4	-I22VSAM002	W	9	WDU 6	-Q2	6	/516.2				
4	-I22VSAM003	U	10	WDU 6	-Q3	2	/516.2				
4	-I22VSAM003	V	11	WDU 6	-Q3	4	/516.2				
4	-I22VSAM003	W	12	WDU 6	-Q3	6	/516.2				
4	-I22VSAM004	U	13	WDU 6	-Q4	2	/516.2				
4	-I22VSAM004	V	14	WDU 6	-Q4	4	/516.2				
4	-I22VSAM004	W	15	WDU 6	-Q4	6	/516.2				
4	-I22VSAM005	U	16	WDU 6	-Q5	2	/516.2				
4	-I22VSAM005	V	17	WDU 6	-Q5	4	/516.2				
4	-I22VSAM005	W	18	WDU 6	-Q5	6	/516.2				
4	-I22VSAM006	U	19	WDU 6	-Q6	2	/516.2				
4	-I22VSAM006	V	20	WDU 6	-Q6	4	/516.2				
4	-I22VSAM006	W	21	WDU 6	-Q6	6	/516.2				
4	-I22VSAM007	U	22	WDU 6	-Q7	2	/516.2				
4	-I22VSAM007	V	23	WDU 6	-Q7	4	/516.2				
4	-I22VSAM007	W	24	WDU 6	-Q7	6	/516.2				
4	-I22VSAM008	U	25	WDU 6	-Q8	2	/516.2				
4	-I22VSAM008	V	26	WDU 6	-Q8	4	/516.2				
4	-I22VSAM008	W	27	WDU 6	-Q8	6	/516.2				
4	-I22VSAM009	U	28	WDU 6	-Q9	2	/516.2				
4	-I22VSAM009	V	29	WDU 6	-Q9	4	/516.2				
4	-I22VSAM009	W	30	WDU 6	-Q9	6	/516.2				
4	-I22VSAM010	U	31	WDU 6	-Q10	2	/516.2				
4	-I22VSAM010	V	32	WDU 6	-Q10	4	/516.2				
4	-I22VSAM010	W	33	WDU 6	-Q10	6	/516.2				

626.16E-008-788-3

3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	=30BB.Z208-X101	Servicios auxiliares acabadora			=30BB.F02
2			Encarg.	VENDRAME				+ 30620	Nº: 3062-D30-E3302		
1	EMISION PARA CONCRETO 97	GLELEAN	Contr.	VENDRAME							
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		
ft. DIN6771/Teil 5	1		2			3	4	5	6	7	8

	1	2	3	4	5	6	7	8	
A	POS.	REV.	CABLE		CONEXION		DESCRIPCION	REFERENCIA AL ESQUEMA	NOTA
			NUMERO	FORMACION	ALAMBRE	DE BORNE			
CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	1	2	=30BB.L50-W1511	SIEMENS 6XV1 830-0AH10	RED	=30BB.F02-A91-A101 A	=30BB.L50-A102 A	SINEC L2	/132.5
CSQ					GREEN	=30BB.F02-A91-A101 B	=30BB.L50-A102 B		
UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	2	2	=30BB.F02-W1502	SIEMENS 6XV1 830-0AH10	RED	=30BB.F02-A91-A101 A	=30BB.F02-A92-A101 A	SINEC L2	/132.6
					GREEN	=30BB.F02-A91-A101 B	=30BB.F02-A92-A101 B		
	3	2	=30BB.F02-W1503	SIEMENS 6XV1 830-0AH10	RED	=30BB.F02-A92-A101 A	=30BB.F02-A93-A101 A	SINEC L2	/292.5
					GREEN	=30BB.F02-A92-A101 B	=30BB.F02-A93-A101 B		
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E	AutoCAD-COMPUTER AIDED DESIGN		3302-791		626.16E-008-791-4				
F									
	4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	LISTA CABLES ESPECIALES	=30BB.F02
	2	DESPUES PRUEBAS ABR 97	GLEREAN	Encarg	VENDRAME				+
	1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	



Servicios auxiliares acabadora
30620 N° 3062-D30-E3302
Hoja 791
800 Sigue

	1	2	3	4	5	6	7	8		
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A0-C1	CONDENSADOR ELECTROLITICO			1	/	/	10000uF 63V	/	/102.6
	-A0-E21	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.3
	-A0-E22	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.4
	-A0-E23	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.4
	-A0-E24	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.5
	-A0-E25	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.6
	-A0-E26	CALENTADOR			1	P.TORRESAN	SK 100W	220Vac 100W	/	/104.6
	-A0-F1	BASE TRIPOLAR			1	SIEMENS	3NW7030	10,3x38 25A	3162000012	/100.5
B	-A0-F1	FUSIBLE			3	SIEMENS	3NA3802	NH00 gG 2A 500V 120kA	3162000014	/100.5
C	-A0-F2	BASE DE DOS POLOS			1	SIEMENS	3NW7020	10,3x38 25A	3162000011	/102.4
	-A0-F2	FUSIBLE CH10			2	SIEMENS	3NA3803	NH00 gG 10A 500V 120kA	3162000017	/102.4
	-A0-F3	BASE DE DOS POLOS			1	SIEMENS	3NW7020	10,3x38 25A	3162000011	/102.2
	-A0-F3	FUSIBLE CH10			2	SIEMENS	3NA3803	NH00 gG 10A 500V 120kA	3162000017	/102.2
	-A0-F4	BASE TRIPOLAR			1	SIEMENS	3NW7030	10,3x38 25A	3162000012	/100.7
	-A0-F4	FUSIBLE			3	SIEMENS	3NA3803	NH00 gG 10A 500V 120kA	3162000017	/100.7
	-A0-F5	BASE TRIPOLAR			1	SIEMENS	3NW7030	10,3x38 25A	3162000012	/100.7
	-A0-F5	FUSIBLE			3	SIEMENS	3NA3805	NH00 gG 16A 500V 120kA	3162000018	/100.7
	-A0-F7	BASE TRIPOLAR			1	SIEMENS	3NW7030	10,3x38 25A	3162000012	/102.6
D	-A0-F7	FUSIBLE			3	SIEMENS	3NA3804	NH00 gG 4A 500V 120kA	3162000015	/102.6
	-A0-G1	ALIMENTADOR DE UNA SALIDA			1	EUROTEK	cod. 4098	ET/SW/115-230/24/10A/S240	/	/104.7
	-A0-K0	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/108.3
	-A0-K1	CONTADOR RETRASO RELE			1	SIEMENS	7PU4440-4AJ30	24Vdc/ac 110-127Vac	3213000114	/108.4
	-A0-K2	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/108.5
	-A0-K3	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/108.6
	-A0-K4	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/108.4
	-A0-K10	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/110.3
	-A0-K11	CONTADOR RETRASO RELE			1	SIEMENS	7PU4440-4AJ30	24Vdc/ac 110-127Vac	3213000114	/110.4
E	-A0-K12	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/110.5
	-A0-K13	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/110.6
	-A0-K14	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/110.4
	-A0-K20	CONTACTOR AUXILIAR			1	SIEMENS	3TH4280-0AF0	8NO 110Vac 50Hz	/	/112.3
	-A0-P1	VOLTIMETRO			1	FRER	/	sc. 0-500V 96x96 TROP.	/	/100.5
	-A0-P2	AMPERIMETRO			1	FRER	/	sc. 0-800A 2xIn 96x96 TROP.	/	/100.4
	-A0-Q1	INTERRUPTOR AUT. TRIPOLAR AC/DC			1	SIEMENS	3VF7111-2BK60-0AA0	800A	/	/100.2
	-A0-Q1	CONTACTOS AUXILIAR			1	SIEMENS	3VF9722-1CB20	1NO+1NC	/	/100.2
	-A0-Q1	PALANCA DE MANDO CON MANGO			1	SIEMENS	3VZ9723-0AA0	/	/	/100.2
F	-A0-Q2	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 116-7	16A	3265000011	/102.4
	-A0-Q3	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 116-7	16A	3265000011	/102.2
	-A0-Q4	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 104-7	4A	3265000006	/104.6
	-A0-Q5	INTERRUPTOR AUT. BIPOLAR AC/DC			1	SIEMENS	5SX2 232-7	32A	3265000030	/102.6
	-A0-Q6	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 104-7	4A	3265000006	/104.2
	-A0-Q8	INTERRUPTOR AUT. TRIPOLAR AC/DC			1	SIEMENS	5SX2 332-7	626.16E 008 8000	3265000046	/102.6
	3		Fecha	27/01/1997					= 30BB.F02	
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME			+	
	1	EMISION PARA CONE	NE 97	GLEREAN	Contr.	VENDRAME			30620	Nº 3062-D30-E3302
		Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Descript.	Hoja 800 802 Sigue

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A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A0-S1	COMUTADOR VOLTIMETRICO	1	BLUM	V3/16E/FS/X70S-A1086	/	/	/100.4
	-A0-S21	TERMOSTATO	1	FANTI COSMI	C10A	0-60C	3289000002	/104.2
	-A0-T1	TRANSFORMADOR MONOFASICO	1	GIPE	2.5KVA	380V±5%/220V 50/60Hz	3293000238	/102.4
	-A0-T2	TRANSFORMADOR MONOFASICO	1	GIPE	2.5KVA	380V±5%/110V 50/60Hz	3293000237	/102.2
	-A0-T3	TRANSFORMADOR TRIFASICO	1	GIPE	3KVA	380V±5%/220V 50/60Hz	3291000250	/100.7
	-A0-T4	TRANSFORMADOR AMPERIMETRICO	1	FRER	/	800/5A	/	/100.4
	-A0-T5	TRANSFORMADOR TRIFASICO	1	GIPE	1KVA	380V±5%/18V±10% 50/60Hz	3293000239	/100.7
	-A0-V1	PUENTE DE DIODOS SEMICONDUCTORES	1	SEMIKRON	SKD 30/08	/	/	/102.6
	-A0-V1	DISIPADOR PARA PUENTE DE DIODOS SEMICONDUCTORES	1	SEMIKRON	P5/100	/	/	/102.6
B ○ CERTIFIED QUALITY SYSTEM UNI EN 29001 ISO 9001 Member of 	-A0-Z0	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/108.3
	-A0-Z1	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/108.4
	-A0-Z2	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/108.5
	-A0-Z3	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/108.6
	-A0-Z4	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/108.4
	-A0-Z10	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/110.3
	-A0-Z11	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/110.4
	-A0-Z12	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/110.5
	-A0-Z13	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/110.6
	-A0-Z14	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/110.4
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A0-Z20	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/112.3
D ○ AutoCAD-COMPUTER AIDED DESIGN 3.302-802								
E ○ Modificacion								
F ○ 626.16E-008-802-3								
3			Fecha	27/01/1997				=30BB.F02
2			Encarg.	VENDRAME				+ +
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Descript.
						Reemplaz. por:		

SIPAR

 DANIELI AUTOMATION

626.16E-008-802-3

Servicios auxiliares acabadora
Nº: 3062-D30-E3302
Hoja 802
804 Sigue

	1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A2-H1	LUZ ROJA PILOTO		1	SIEMENS	3SB1001-6BC06	122	3181000001	/154.3
	-A2-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/154.3
	-A2-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/154.3
	-A2-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/154.3
B ○ CERTIFIED QUALITY SYSTEM 	-A2-H10	PANEL ALARMAS		1	C.Z.	CZ011	12 alarm 24Vdc	/	/158.6
	-A2-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/148.3
	-A2-K21	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/154.3
	-A2-K22	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/154.3
	-A2-K23	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/154.3
	-A2-K24	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/154.3
	-A2-L1	BOBINA TRIPOLAR para INVERTER AC/DC		1	GIPE	0.817mH	24/36A 50Hz	3225000313	/140.3
	-A2-L2	BOBINA TRIPOLAR para INVERTER AC/DC		1	GIPE	0.817mH	24/36A	3225000314	/140.3
	-A2-P1	AMPERIMETRO		1	FRER	F96M	0-40A senales 0-1mA	/	/140.5
	-A2-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5060-0CA10	160A 660V	/	/140.2
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties. Without specific written authorization of CENTRO AUTOMATION SpA Management	-A2-Q1	FUSIBLE		3	SIEMENS	3NA3814	NH 00 gG 35A 500V	3162000022	/140.2
	-A2-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC		1	SIEMENS	5SX2 202-7	2A	3265000020	/140.4
	-A2-Q4	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/148.3
	-A2-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 102-7	2A	3265000004	/150.7
	-A2-R1	RESISTENCIA		1	SIR	RDP 4000	200hm 4kW	/	/140.2
	-A2-S2	BOTON NEGRO		1	SIEMENS	3SB1000-0AB20	122	3282000001	/154.6
	-A2-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/154.6
	-A2-S2	CONTACTOS AUXILIAR		1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/154.6
	-A2-S3	SELECTOR 3 POS. CON RETORNO A 0		1	SIEMENS	3SB1000-2EB20	122	3282000017	/156.6
	-A2-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/156.6
D ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties. Without specific written authorization of CENTRO AUTOMATION SpA Management	-A2-S3	CONTACTOS AUXILIAR		1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/156.6
	-A2-U1	INVERTER		1	SIEMENS	6SE7022-6EC20	23.2A/34.8A	/	/140.2
	-A2-U2	GRUPO DE FRENADO		1	SIEMENS	6SE7023-2EA87-2DA0	/	/	/140.1
	-A2-Z1	FILTRO RC		1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/148.3
	-A2-Q3	INTERRUPTOR TRIPOLAR		1	SIEMENS	3VU1300-1HG00	1/1,6A		
	-A2-K2	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4022-0AF0	380V 50HZ		
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-806									
F ○ 626 16E - 008 - 806 - 3	3			Fecha	27/01/1997				= 30BB.F02
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME			+
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Hoja 806
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	30620 N°: 3062-D30-E3302
								Descript.	808 Sigue

	1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A3-A21	MODULO DESACOPLADOR		1	WEIMULLER	cod. 111746 RS40	24Vdc/5-48Vdc/100mA	/	/166.6
	-A3-A51	CONVERTIDOR DE SENALES EBR40		1	REDA	EBR40	/	/	/164.5
	-A3-H1	LUZ ROJA PILOTO		1	SIEMENS	3SB1001-6BC06	122	3181000001	/174.3
	-A3-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/174.3
	-A3-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/174.3
	-A3-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/174.3
	-A3-H10	PANEL ALARMAS		1	C.Z.	CZ011	12 alarm 24Vdc	/	/178.6
	-A3-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4222-0AFO	110Vac 50Hz	/	/168.3
	-A3-K21	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/174.3
B ○ CERTIFIED QUALITY SYSTEM 	-A3-K22	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/174.3
	-A3-K23	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/174.3
	-A3-K24	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/174.3
	-A3-K31	RELAIS		1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/174.3
	-A3-K200	RELE SOBRE ZOCALO UNDECAL		1	SCHRACK	MT301,024	24Vdc W3	/	/162.5
	-A3-K200	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRACK	MR78,110	/	/	/162.5
	-A3-K201	RELE SOBRE ZOCALO UNDECAL		1	SCHRACK	MT301,024	24Vdc W3	/	/162.6
	-A3-K201	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRACK	MR78,110	/	/	/162.6
	-A3-K202	RELE SOBRE ZOCALO UNDECAL		1	SCHRACK	MT301,024	24Vdc W3	/	/162.4
	-A3-K202	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRACK	MR78,110	/	/	/162.4
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A3-L1	BOBINA TRIPOLAR para INVERTER AC/DC		1	GIPE	1.089mH	18/27A 50Hz	3225000311	/160.3
	-A3-L2	BOBINA TRIPOLAR para INVERTER AC/DC		1	GIPE	1.089mH	18/27A	3225000312	/160.3
	-A3-P1	AMPERIMETRO		1	FRER	F96M	0-25A senales 0-1mA	/	/160.5
	-A3-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5060-0CA10	160A 660V	/	/160.2
	-A3-Q1	FUSIBLE		3	SIEMENS	3NA3810	NH 00 gG 25A 500V	3162000020	/160.2
	-A3-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC		1	SIEMENS	5SX2 202-7	2A	3265000020	/160.4
	-A3-Q4	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/168.3
	-A3-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 102-7	2A	3265000004	/170.7
	-A3-R1	RESISTENCIA		1	SIR	RDP 4000	200hm 4kW	/	/160.2
	-A3-S2	BOTON NEGRO		1	SIEMENS	3SB1000-0AB20	122	3282000001	/174.6
D ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A3-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/174.6
	-A3-S2	CONTACTOS AUXILIAR		1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/174.6
	-A3-S3	SELECTOR 3 POS. CON RETORNO A 0		1	SIEMENS	3SB1000-2EB20	122	3282000017	/176.6
	-A3-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/176.6
	-A3-S3	CONTACTOS AUXILIAR		1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/176.6
	-A3-U1	INVERTER		1	SIEMENS	6SE7021-8EB20	16A/24A	/	/160.2
	-A3-U2	GRUPO DE FRENADO		1	SIEMENS	6SE7023-2EA87-2DA0	/	/	/160.1
	-A3-Z1	FILTR0 RC		1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/168.3
	-A3-Q3	INTERRUPTOR TRIPOLAR		1	SIEMENS	3WB00-1HG00	1/1,6A		
	-A3-K2	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4022-0AFO	380V 50HZ		
E ○ AutoCAD-COMPUTER AIDED DESIGN 3.302-808							626.16E-008-808-3		
	3			Fecha	27/01/1997				=30BB.F02
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME			
	1	EMISION PARA CON	EENE 97	GLEREAN	Contr.	VENDRAME			
		Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:
									Descript.
									CARRITOS EXTRACCION ESTRATOS 1
									Servicios auxiliares acabadora
									Nº: 30620
									Hoja 808 810 Sigue

	1	2	3	4	5	6	7	8		
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSE UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A5-F1	BASE TRIPOLAR			1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/200.2
	-A5-F1	FUSIBLE			3	SIEMENS	3NA3830	NH00 gG 100A 500V 120kA	3162000027	/200.2
	-A5-F2	BASE TRIPOLAR			1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/200.3
	-A5-F2	FUSIBLE			3	SIEMENS	3NA3830	NH00 gG 100A 500V 120kA	3162000027	/200.3
	-A5-F3	BASE TRIPOLAR			1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/200.4
	-A5-F3	FUSIBLE			3	SIEMENS	3NA3830	NH00 gG 100A 500V 120kA	3162000027	/200.4
	-A5-H1	LUZ ROJA PILOTO			1	SIEMENS	3SB1001-6BC06	122	3181000001	/208.3
	-A5-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/208.3
	-A5-H1	BLOQUE PORTALAMPARA			1	SIEMENS	3SB1400-2A	BA9S	3181000011	/208.3
B ○ C ○ D ○ E ○ F	-A5-H1	LAMPARA			1	VIMEX	BA9S	130Vac 2W 10x28	/	/208.3
	-A5-H10	PANEL ALARMAS			1	C.Z.	CZ011	12 alarm 24Vdc	/	/212.4
	-A5-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF5222-0AF0	110Vac 50Hz	3211000025	/204.3
	-A5-K21	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-K22	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-K23	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-K24	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-K25	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-K29	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/210.6
	-A5-K29	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/210.6
C ○ D ○ E ○ F	-A5-K30	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/210.6
	-A5-K30	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/210.6
	-A5-K31	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/208.3
	-A5-L1	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.111mH	176/264A 50Hz	3225000331	/200.3
	-A5-L2	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.111mH	176/264A	3225000332	/200.3
	-A5-P1	AMPERIMETRO			1	FRER	F96M	0-250A senales 0-1mA	/	/200.5
	-A5-Q1	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5260-0CA10	250A 660V	/	/200.2
	-A5-Q1	FUSIBLE			3	SIEMENS	3NE1225-0	200A/690V GR.1 EXTRAR.	/	/200.2
	-A5-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC			1	SIEMENS	5SX2 203-7	3A	3265000021	/200.4
	-A5-Q3	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 106-7	6A	3265000007	/204.3
AutoCAD-COMPUTER AIDED DESIGN 3302-812 ○ E ○ F	-A5-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/202.2
	-A5-R1	RESISTENCIA			1	SIR	RDP 4000	2.50hm 4kW	/	/200.2
	-A5-R2	RESISTENCIA			1	SIR	RDP 4000	2.50hm 4kW	/	/200.2
	-A5-S2	BOTON NEGRO			1	SIEMENS	3SB1000-0AB20	122	3282000001	/208.6
	-A5-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/208.6
	-A5-S2	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/208.6
	-A5-S3	SELECTOR 3 POS. CON RETORNO A 0			1	SIEMENS	3SB1000-2EB20	122	3282000017	/208.6
	-A5-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/208.6
	-A5-S3	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/208.6
	-A5-U1	INVERTER			1	SIEMENS	6SE7031-8EF10	169A/254A	/	/200.2
○ F	-A5-U2	GRUPO DE FRENADO			1	SIEMENS	6SE7032-7EB87-2DA0	/	/	/200.1
	-A5-Z1	FILTRO RC			1	LUTZE	LRC-VM1-1	110/230Vac 50/60Hz	3361000037	/204.3
							626.16E-008	812	3	
3				Fecha	27/01/1997				= 30BB.F02	
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+ 1	
1	EMISION PARA CON	E 97	GLEREAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
									30620	
									Nº: 3062-D30-E3302	
									Hoja 812 814 Sigue	

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A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A6-F1	BASE TRIPOLAR			1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/220.3
	-A6-F1	FUSIBLE			3	SIEMENS	3NA3817	NH00 gG 40A 500V 120kA	3162000023	/220.3
	-A6-H1	LUZ ROJA PILOTO			1	SIEMENS	3SB1001-6BC06	122	318100001	/228.3
	-A6-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/228.3
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	BLOQUE PORTALAMPARA			1	SIEMENS	3SB1400-2A	BA9S	3181000011	/228.3
	UNI EN 29001 ISO 9001 Member of EQNet	LAMPARA			1	VIMEX	BA9S	130Vac 2W 10x28	/	/228.3
	-A6-H10	PANEL ALARMAS			1	C.Z.	CZ011	12 alarm 24Vdc	/	/232.4
	-A6-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/224.3
	-A6-K21	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	-A6-K22	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	-A6-K23	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	-A6-K24	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	-A6-K25	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	-A6-K29	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/230.6
C	O	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/230.6
	O	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/230.6
	O	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/230.6
	O	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/228.3
	O	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.613mH	32/48A 50Hz	3225000315	/220.3
	O	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.613mH	32/48A	3225000316	/220.3
	O	AMPERIMETRO			1	FRER	F96M	0-50A senales 0-1mA	/	/220.5
	O	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	250A 660V	/	/220.2
	O	FUSIBLE			3	SIEMENS	3NA3817	NH 00 gG 40A 500V	3162000023	/220.2
	O	INTERRUPTOR AUT. BIPOLAR AC/DC			1	SIEMENS	5SX2 202-7	2A	3265000020	/220.4
D	O	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/224.3
	O	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/222.2
	O	RESISTENCIA			1	SIR	RDP 4000	20hm 4kW	/	/220.2
	O	RESISTENCIA			1	SIR	RDP 4000	20hm 4kW	/	/220.2
	O	BOTON NEGRO			1	SIEMENS	3SB1000-0AB20	122	3282000001	/228.6
	O	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/228.6
	O	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/228.6
	O	SELECTOR 3 POS. CON RETORNO A 0			1	SIEMENS	3SB1000-2EB20	122	3282000017	/228.6
	O	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/228.6
	O	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/228.6
E	O	INVERTER			1	SIEMENS	6SE7023-4EC10	31A/46.4A	/	/220.2
	O	GRUPO DE FRENO			1	SIEMENS	6SE7031-6EB87-2DA0	/	/	/220.1
	O	FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/224.3
	O									
	O									
	O									
	O									
F	3			Fecha	27/01/1997					=30BB.F02
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME				+
	1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				Hoja 814
		Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	816 Sigue
					SIPAR		DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR.	Servicios auxiliares acabadora	
								(A LA SALIDA SECT. 1 CMA)		
							Descript.		30620	3062-D30-E3302

626 16F - 000 - 814 - 7

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA SECT. 1 CMA)	Servicios auxiliares acabadora + 30620	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+ 30620
1	EMISION PARA CONC	ENE 97	GLEREAN	Contr.	VENDRAME					Hoja 814
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:					3062-D30-E3302 816 Sigue

	1	2	3	4	5	6	7	8					
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.			
CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of EQNet Quality System	-A7-F1	BASE TRIPOLAR			1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/240.3			
	-A7-F1	FUSIBLE			3	SIEMENS	3NA3830	NH00 gG 100A 500V 120kA	3162000027	/240.3			
	-A7-H1	LUZ ROJA PILOTO			1	SIEMENS	3SB1001-6BC06	122	318100001	/248.3			
	-A7-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/248.3			
	-A7-H1	BLOQUE PORTALAMPARA			1	SIEMENS	3SB1400-2A	BA9S	3181000011	/248.3			
	-A7-H1	LAMPARA			1	VIMEX	BA9S	130Vac 2W 10x28	/	/248.3			
	-A7-H10	PANEL ALARMAS			1	C.Z.	CZ011	12 alarm 24Vdc	/	/252.4			
	-A7-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4722-0AF0	110Vac 50Hz	3211000022	/244.3			
	-A7-K21	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/248.3			
	-A7-K22	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/248.3			
B	-A7-K23	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/248.3			
	-A7-K24	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/248.3			
	-A7-K29	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/250.6			
According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A7-K29	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/250.6			
	-A7-K30	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/250.6			
	-A7-K30	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/250.6			
	-A7-L1	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.251mH	78/117A 50Hz	3225000323	/240.3			
	-A7-L2	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	0.251mH	78/117A	3225000324	/240.3			
	-A7-P1	AMPERIMETRO			1	FRER	F96M	0-100A senales 0-1mA	/	/240.5			
	-A7-Q1	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	250A 660V	/	/240.2			
	-A7-Q1	FUSIBLE			3	SIEMENS	3NE1818-0	63A/690V GR.00 EXTRAR.	/	/240.2			
	-A7-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC			1	SIEMENS	5SX2 202-7	2A	3265000020	/240.4			
	-A7-Q3	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/244.3			
C	-A7-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/242.2			
According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A7-R1	RESISTENCIA			1	SIR	RDP 4000	100hm 4kW	/	/240.2			
	-A7-S2	BOTON NEGRO			1	SIEMENS	3SB1000-0AB20	122	3282000001	/248.6			
	-A7-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/248.6			
	-A7-S2	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/248.6			
	-A7-S3	SELECTOR 3 POS. CON RETORNO A 0			1	SIEMENS	3SB1000-2EB20	122	3282000017	/248.6			
	-A7-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/248.6			
	-A7-S3	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/248.6			
	-A7-U1	INVERTER			1	SIEMENS	6SE7027-2ED10	65.5A/98.3A	/	/240.2			
	-A7-U2	GRUPO DE FRENADO			1	SIEMENS	6SE7028-0EA87-2DA0	/	/	/240.1			
E	-A7-Z1	FILTRO RC			1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/244.3			
AutoCAD-COMPUTER AIDED DESIGN 3302-816	626.16E-008-816-3												
F	3			Fecha	27/01/1997	SIPAR			CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA SECT. 2 CMA)				
	2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.								
	1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAM								
	Modificacion	Fecha	Nombre	Norma	IEC								
	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.					30620	Nº 3062-D30-E3302			
ft. DIN6771/Teil 5 1										Hoja 816 818 Sigue			

626,16E-008-818-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS A LA ENTRADA	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAMÉ				+	
1	EMISIÓN PARA CON-	ENE 97	GLELEAN	Contr.	VENDRAMÉ				30620	Nº: 3062-D30-E3302 Hoja 818
	Modificación	Fecha	Nombre	Norma	IEC				820	Sigue
						Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	

	1	2	3	4	5	6	7	8		
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A9-A21	MODULO DESACOPLADOR			1	WEIMULLER	cod. 111746 RS40	24Vdc/5-48Vdc/100mA	/	/286.6
	-A9-A51	CONVERTIDOR DE SENALES EBR40			1	REDA	EBR40	/	/	/284.5
	-A9-H1	LUZ ROJA PILOTO			1	SIEMENS	3SB1001-6BC06	122	3181000001	/294.3
	-A9-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/294.3
	-A9-H1	BLOQUE PORTALAMPARA			1	SIEMENS	3SB1400-2A	BA9S	3181000011	/294.3
	-A9-H1	LAMPARA			1	VIMEX	BA9S	130Vac 2W 10x28	/	/294.3
	-A9-H10	PANEL ALARMAS			1	C.Z.	CZ011	12 alarm 24Vdc	/	/298.6
	-A9-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/288.3
	-A9-K21	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/294.3
B ○ CERTIFIED QUALITY SYSTEM 	-A9-K22	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/294.3
	-A9-K23	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/294.3
	-A9-K24	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/294.3
	-A9-K31	RELAIS			1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/294.3
	-A9-K200	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/282.5
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it, in whole or part, to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A9-K200	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/282.5
	-A9-K201	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/282.6
	-A9-K201	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/282.6
	-A9-K202	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/282.4
	-A9-K202	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/282.4
	-A9-L1	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	1.089mH	18/27A 50Hz	3225000311	/280.3
	-A9-L2	BOBINA TRIPOLAR para INVERTER AC/DC			1	GIPE	1.089mH	18/27A	3225000312	/280.3
	-A9-P1	AMPERIMETRO			1	FRER	F96M	0-25A senales 0-1mA	/	/280.5
	-A9-Q1	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	160A 660V	/	/280.2
	-A9-Q1	FUSIBLE			3	SIEMENS	3NA3810	NH 00 gG 25A 500V	3162000020	/280.2
D ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it, in whole or part, to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A9-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC			1	SIEMENS	5SX2 202-7	2A	3265000020	/280.4
	-A9-Q4	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/288.3
	-A9-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/290.7
	-A9-R1	RESISTENCIA			1	SIR	RDP 4000	200hm 4kW	/	/280.2
	-A9-S1	SELECTOR CON LLAVE 2 POS. FIJAS			1	SIEMENS	3SB1000-4LB20	122 0-1	3282000019	/294.6
	-A9-S1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/294.6
	-A9-S1	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/294.6
	-A9-S2	BOTON NEGRO			1	SIEMENS	3SB1000-0AB20	122	3282000001	/294.6
	-A9-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/294.6
	-A9-S2	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/294.6
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-820	-A9-S3	SELECTOR 3 POS. CON RETORNO A 0			1	SIEMENS	3SB1000-2EB20	122	3282000017	/296.6
	-A9-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/296.6
	-A9-S3	CONTACTOS AUXILIAR			1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/296.6
	-A9-U1	INVERTER			1	SIEMENS	6SE7021-8EB20	16A/24A	/	/280.2
	-A9-U2	GRUPO DE FRENADO			1	SIEMENS	6SE7023-2EA87-2DA0	/	/	/280.1
	-A9-Z1	FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/288.3
	-A9-Q3	INTERRUPTOR TRIPOLAR			1	SIEMENS	3VU1300-IMG00	1-1.6 A		
	-A9-K2	TELERUPTOR TRIPOLAR			1	SIEMENS	3TF4028-0AF0	380V 50HZ 026.16	008-820-3	
3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997				= 30BB.F02	
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAME				+ 820	
1	EMISION PARA CONENE	97	GLELEAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Hoja 820	
								Descript.	822 Sigue	

	1	2	3	4	5	6	7	8
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSE UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A10-A51	CONVERTIDOR DE SEÑALES EBR40	1	REDA	EBR40	/	/	/304.5
	-A10-H1	LUZ ROJA PILOTO	1	SIEMENS	3SB1001-6BC06	122	3181000001	/314.3
	-A10-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/314.3
	-A10-H1	BLOQUE PORTALAMPARA	1	SIEMENS	3SB1400-2A	BA9S	3181000011	/314.3
	-A10-H1	LAMPARA	1	VIMEX	BA9S	130Vac 2W 10x28	/	/314.3
	-A10-H10	PANEL ALARMAS	1	C.Z.	CZ011	12 alarm 24Vdc	/	/318.6
	-A10-K1	CONTACTOR TRIPOLAR	1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/308.3
	-A10-K21	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/314.3
	-A10-K22	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/314.3
B ○ CERTIFIED EQNet QUALITY SYSTEM	-A10-K23	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/314.3
	-A10-K24	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/314.3
	-A10-L1	BOBINA TRIPOLAR para INVERTER AC/DC	1	GIPE	0.817mH	24/36A 50Hz	3225000313	/300.3
	-A10-L2	BOBINA TRIPOLAR para INVERTER AC/DC	1	GIPE	0.817mH	24/36A	3225000314	/300.3
	-A10-P1	AMPERIMETRO	1	FRER	F96M	0-40A señales 0-1mA	/	/300.5
	-A10-Q1	AISLADOR TRIPOLAR AC/DC	1	SIEMENS	3NP5060-0CA10	160A 660V	/	/300.2
	-A10-Q1	FUSIBLE	3	SIEMENS	3NA3814	NH 00 gG 35A 500V	3162000022	/300.2
	-A10-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC	1	SIEMENS	5SX2 202-7	2A	3265000020	/300.4
	-A10-Q4	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 103-7	3A	3265000005	/308.3
	-A10-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 102-7	2A	3265000004	/310.7
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A10-R1	RESISTENCIA	1	SIR	RDP 4000	200hm 4kW	/	/300.2
	-A10-S2	BOTON NEGRO	1	SIEMENS	3SB1000-0AB20	122	3282000001	/314.6
	-A10-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/314.6
	-A10-S2	CONTACTOS AUXILIAR	1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/314.6
	-A10-S3	SELECTOR 3 POS. CON RETORNO A 0	1	SIEMENS	3SB1000-2EB20	122	3282000017	/316.6
	-A10-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/316.6
	-A10-S3	CONTACTOS AUXILIAR	1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/316.6
	-A10-U1	INVERTER	1	SIEMENS	6SE7022-6EC20	23.2A/34.8A	/	/300.2
	-A10-U2	GRUPO DE FRENADO	1	SIEMENS	6SE7023-2EA87-2DA0	/	/	/300.1
	-A10-Z1	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/308.3
D ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A10-Q3	INTERRUPTOR TRIPOLAR	1	SIEMENS	3VU1300-IMG00	1-1.6 A		
	-A10-K2	TELERUPTOR TRIPOLAR	1	SIEMENS	3TF4022-0AF0	380V 50HZ		
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-822								
F ○ 626.16E-008-822-3	3	DESP. START-UP MAY 98	LOG.	Fecha	27/01/1997			=30BB.F02
	2	DESP. PRUEBAS ABR 97	GLEREAN	Encarg.	VENDRAME			+
	1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME			
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:

SIPAR DANIELI AUTOMATION

TRANSPORT. DE CADENAS VERT.
CON SACAS

Descript.

30620

Nº 3062-D30-E3302

Hoja 822
824 Sigue

	1	2	3	4	5	6	7	8				
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSE UNI EN 29001 ISO 9001 Member of CERTIFIED EGNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.				
	-A11-F1	BASE TRIPOLAR	1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/320.3				
	-A11-F1	FUSIBLE	3	SIEMENS	3NA3820	NH00 gG 50A 500V 120kA	3162000024	/320.3				
	-A11-F2	BASE TRIPOLAR	1	SIEMENS	3NH4030	160A 660V NH00	3162000064	/321.4				
	-A11-F2	FUSIBLE	3	SIEMENS	3NA3814	NH00 gG 35A 500V 120kA	3162000022	/321.4				
	-A11-H1	LUZ ROJA PILOTO	1	SIEMENS	3SB1001-6BC06	122	3181000001	/328.3				
	-A11-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/328.3				
	-A11-H1	BLOQUE PORTALAMPARA	1	SIEMENS	3SB1400-2A	BA9S	3181000011	/328.3				
	-A11-H1	LAMPARA	1	VIMEX	BA9S	130Vac 2W 10x28	/	/328.3				
	-A11-H10	PANEL ALARMAS	1	C.Z.	CZ011	12 alarm 24Vdc	/	/332.4				
B ○ C ○ D ○ E ○ F ○	-A11-K1	CONTACTOR TRIPOLAR	1	SIEMENS	3TF4722-0AF0	110Vac 50Hz	3211000022	/324.3				
	-A11-K2	CONTACTOR TRIPOLAR	1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/324.4				
	-A11-K3	CONTACTOR TRIPOLAR	1	SIEMENS	3TF4422-0AF0	110Vac 50Hz	/	/324.4				
	-A11-K21	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/328.3				
	-A11-K22	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/328.3				
	-A11-K23	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/328.3				
	-A11-K24	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/328.3				
	-A11-K29	RELE SOBRE ZOCALO UNDECAL	1	SCHRACK	MT301,024	24Vdc W3	/	/330.6				
	-A11-K29	ZOCALO UNDECAL PARA RELE CON DIODO	1	SCHRACK	MR78,110	/	/	/330.6				
	-A11-K30	RELE SOBRE ZOCALO UNDECAL	1	SCHRACK	MT301,024	24Vdc W3	/	/330.6				
	-A11-K30	ZOCALO UNDECAL PARA RELE CON DIODO	1	SCHRACK	MR78,110	/	/	/330.6				
	-A11-K31	RELAIS	1	WEIDMULLER	RS30 cod. 110022	24Vdc W2	/	/328.3				
C ○ C ○ D ○ E ○ F ○	-A11-L1	BOBINA TRIPOLAR para INVERTER AC/DC	1	GIPE	0.251mH	78/117A 50Hz	3225000323	/320.3				
	-A11-L2	BOBINA TRIPOLAR para INVERTER AC/DC	1	GIPE	0.251mH	78/117A	3225000324	/320.3				
	-A11-P1	AMPERIMETRO	1	FRER	F96M	0-100A senales 0-1mA	/	/320.5				
	-A11-Q1	AISLADOR TRIPOLAR AC/DC	1	SIEMENS	3NP5060-0CA10	250A 660V	/	/320.2				
	-A11-Q1	FUSIBLE	3	SIEMENS	3NE1820-0	80A/690V GR.00 EXTRAR.	/	/320.2				
	-A11-Q2	INTERRUPTOR AUT. BIPOLAR AC/DC	1	SIEMENS	5SX2 202-7	2A	3265000020	/320.4				
	-A11-Q3	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 103-7	3A	3265000005	/324.3				
	-A11-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 102-7	2A	3265000004	/322.2				
	-A11-R1	RESISTENCIA	1	SIR	RDP 4000	20hm 4kW	/	/320.2				
	-A11-R2	RESISTENCIA	1	SIR	RDP 4000	20hm 4kW	/	/320.2				
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-824	-A11-S2	BOTON NEGRO	1	SIEMENS	3SB1000-0AB20	122	3282000001	/328.6				
	-A11-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/328.6				
	-A11-S2	CONTACTOS AUXILIAR	1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/328.6				
	-A11-S3	SELECTOR 3 POS. CON RETORNO A 0	1	SIEMENS	3SB1000-2EB20	122	3282000017	/328.6				
	-A11-S3	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/328.6				
	-A11-S3	CONTACTOS AUXILIAR	1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/328.6				
	-A11-U1	INVERTER	1	SIEMENS	6SE7027-2ED10	65.5A/98.3A	/	/320.2				
	-A11-U2	GRUPO DE FRENADO	1	SIEMENS	6SE7031-6EB87-2DA0	/	/	/320.1				
	-A11-Z1	FILTRO RC	1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/324.3				
	-A11-Z2	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/324.4				
F ○ 626.16E-008-824-3	-A11-Z3	FILTRO RC	1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/324.5				
	3		Fecha	27/01/1997				= 30BB.F02				
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME		+ 1				
	1	EMISION PARA CON	E 97	GLEREAN	Contr.	VENDRAME						
		Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº: 3062-D30-E3302

	1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A13-H1	LUZ ROJA PILOTO		1	SIEMENS	3SB1001-6BC06	122	3181000001	/360.5
	-A13-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/360.5
	-A13-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/360.5
	-A13-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/360.5
	-A13-F1	RELE TERMICO		1	SIEMENS	3UC6200-3A	100-160A	/	/360.2
	-A13-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF5422-0AF0	110Vac 50Hz	3211000026	/360.5
	-A13-K2	CONTACTOR TRIPOLAR		1	SIEMENS	3TK5222-0AF0	110Vac 50Hz	/	/360.5
	-A13-K3	CONTACTOR TRIPOLAR		1	SIEMENS	3TF5122-0AF0	110Vac 50Hz	3211000112	/360.5
	-A13-K4	RELE SOBRE ZOCALO UNDECAL		1	SCHRACK	MT306,115	115Vac 50Hz W3	/	/360.6
B ○ CERTIFIED QUALITY SYSTEM 	-A13-K4	ZOCALO UNDECAL PARA RELE		1	SCHRACK	MR78,700	/	3213000061	/360.6
	-A13-K5	CONTADOR RETRASO RELE		1	SIEMENS	7PU4620-2AJ20	110Vac	/	/360.4
	-A13-K6	RELE SOBRE ZOCALO UNDECAL		1	SCHRACK	MT301,024	24Vdc W3	/	/360.6
	-A13-K6	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRACK	MR78,110	/	/	/360.6
	-A13-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5460-0CA10	630A 660V	/	/360.2
	-A13-Q1	FUSIBLE		3	SIEMENS	3NE3334-0B	500A/1000V GR.2 EXTRAR.	/	/360.2
	-A13-Q2	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 101-7	1A	3265000002	/360.3
	-A13-Q3	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 105-7	0.5A	3265000001	/360.2
	-A13-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/360.6
	-A13-S2	BOTON NEGRO		1	SIEMENS	3SB1000-0AB20	122	3282000001	/360.4
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A13-S2	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/360.4
	-A13-S2	CONTACTOS AUXILIAR		1	SIEMENS	3SB1400-0A	1NO+1NC	3282000024	/360.4
	-A13-U1	SOFT STARTER		1	SIEMENS	3RW2238-0AB15	235A	/	/3602
	-A13-Z1	FILTRO RC		1	LUTZE	LRC-VM1-1	110/230Vac 50/60Hz	3361000037	/360.5
	-A13-Z3	FILTRO RC		1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/360.5
	-A13-Z4	FILTRO RC		1	SCHRACK	MRM-UO 524	24/115Vac	/	/360.6
	-A13-Z5	FILTRO RC		1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/360.4
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-828									
F ○ 626.16E-008-828-3	3		Fecha	27/01/1997					=30BB.F02
	2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME			+
	1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				
		Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:

626.16E 008 830 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	BOMBA DE LUBRICACION CMA	Servicios auxiliares acabadora	= 30BB.F02
2				Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302 Hoja 830
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:				832 Sigue	
					Reemplazo para:		Reemplaz. por:	Descript.		

26.16E - 008 832 3

3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	BOMBA DE LUBRICACION CON GRASA CMA	Servicios auxiliares acabadora	= 30BB.F02
2			Encarg.	VENDRAME					+ +
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.					Hoja 832
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620 N°: 3062-D30-E3302 834 Sigue

	1	2	3	4	5	6	7	8			
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.		
	-A16-F1	RELE TERMICO		1	SIEMENS	3UA5000-1H	5-8A	/	/384.2		
	-A16-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/384.5		
	-A16-K2	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT306,115	115Vac 50Hz W3	/	/384.5		
	-A16-K2	ZOCALO UNDECAL PARA RELE		1	SCHRAK	MR78,700	/	3213000061	/384.5		
	-A16-K3	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT301,024	24Vdc W3	/	/384.6		
	-A16-K3	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRAK	MR78,110	/	/	/384.6		
	-A16-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5060-0CA10	160A 660V	/	/384.2		
	-A16-Q1	FUSIBLE		3	SIEMENS	3NA3807	NH00 gG 20A 500V 120kA	3162000019	/384.2		
	-A16-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/384.6		
B	-A16-Z1	FILTRO RC		1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/384.5		
B	-A16-Z2	FILTRO RC		1	SCHRAK	MRM-U0 524	24/115Vac	/	/384.5		
C	According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management										
D											
E	AutoCAD-COMPUTER AIDED DESIGN 3302-834										
F	626.16 008 834 3										
3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	VENTILADOR MOTOR CMA	Servicios auxiliares acabadora			
2			Encarg.	VENDRAME				=30BB.F02			
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				+			
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº: 3062-D30-E3302	Hoja 834
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	836 Sigue		

	1	2	3	4	5	6	7	8					
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.			
	-A17-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/386.5			
	-A17-K2	RELE SOBRE ZOCALO UNDECAL			1	SCHRAK	MT301,024	24Vdc W3	/	/386.6			
	-A17-K2	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRAK	MR78,110	/	/	/386.6			
	-A17-Q1	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	160A 660V	/	/386.2			
	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	FUSIBLE			3	SIEMENS	3NA3803	NH00 gG 10A 500V 120kA	3162000017	/386.2			
	CSQ	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/386.6			
	UNI EN 29001 ISO 9001 Member of EQNet	FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/386.5			
B	C												
C	D												
D	E												
E	F												
F	626.16E 008 836 3												
3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CALENTADOR ACEITE CMA	Servicios auxiliares acabadora		=30BB.F02			
2			Encarg.	VENDRAME				+ N°: 30620		Hoja 836			
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				3062-D30-E3302		Sigue 838			
	Modificacion	Fecha	Nombre	Norma IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.					

626.16E 008 836 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CALENTADOR ACEITE CMA	Servicios auxiliares acabadora		=30BB.F02
2				Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					30620	Nº 3062-D30-E3302	Hoja 836
	Modificacion	Fecha	Nombre Norma	IEC		Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		838 Sigue

	1	2	3	4	5	6	7	8		
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A18-H1	LUZ ROJA PILOTO			1	SIEMENS	3SB1001-6BC06	122	318100001	/388.6
	-A18-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS			1	SIEMENS	3SB1902-1AC	/	3282000023	/388.6
	-A18-H1	BLOQUE PORTALAMPARA			1	SIEMENS	3SB1400-2A	BA9S	3181000011	/388.6
	-A18-H1	LAMPARA			1	VIMEX	BA9S	130Vac 2W 10x28	/	/388.6
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	RELE TERMICO			1	SIEMENS	3UA5000-1H	5-8A	/	/388.2
	UNI EN 29001 ISO 9001 Member of EQNet	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/390.5
	CSQ	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/390.5
	UNI EN 29001 ISO 9001 Member of EQNet	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/388.7
	UNI EN 29001 ISO 9001 Member of EQNet	CONTACTOS AUXILIAR			1	SIEMENS	3TY7561-1K	1NO+1NC	/	/388.7
	UNI EN 29001 ISO 9001 Member of EQNet	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/388.5
	UNI EN 29001 ISO 9001 Member of EQNet	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/388.5
	UNI EN 29001 ISO 9001 Member of EQNet	RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT306,115	115Vac 50Hz W3	/	/388.4
	UNI EN 29001 ISO 9001 Member of EQNet	ZOCALO UNDECAL PARA RELE			1	SCHRACK	MR78,700	/	3213000061	/388.4
	O	-A18-K14 RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT306,115	115Vac 50Hz W3	/	/388.4
C	O	-A18-K14 ZOCALO UNDECAL PARA RELE			1	SCHRACK	MR78,700	/	3213000061	/388.4
	O	-A18-K15 RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT306,115	115Vac 50Hz W3	/	/388.6
	O	-A18-K15 ZOCALO UNDECAL PARA RELE			1	SCHRACK	MR78,700	/	3213000061	/388.6
	O	-A18-K21 RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/390.5
	O	-A18-K21 ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/390.5
	O	-A18-K22 RELE SOBRE ZOCALO UNDECAL			1	SCHRACK	MT301,024	24Vdc W3	/	/390..6
	O	-A18-K22 ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRACK	MR78,110	/	/	/390..6
	O	-A18-Q1 AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	160A 660V	/	/388.2
	O	-A18-Q1 FUSIBLE			3	SIEMENS	3NA3807	NH00 gG 20A 500V 120kA	3162000019	/388.2
	O	-A18-Q2 INTERRUPTOR AUT. TRIPOLAR AC/DC			1	SIEMENS	3VU1300-1MF00	0.6-1A	3265000112	/388.1
D	O	-A18-Q10 INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/391.2
	O	-A18-Q11 INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/390.6
	O	-A18-Z7 FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/388.7
	O	-A18-Z11 FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/388.5
	O	-A18-Z12 FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/388.5
	O	-A18-Z13 FILTRO RC			1	SCHRACK	MRM-U0 524	24/115Vac	/	/388.4
	O	-A18-Z14 FILTRO RC			1	SCHRACK	MRM-U0 524	24/115Vac	/	/388.4
	O	-A18-Z15 FILTRO RC			1	SCHRACK	MRM-U0 524	24/115Vac	/	/388.6
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3			Fecha	27/01/1997					= 30BB.F02	
2			Encarg.	VENDRAME					+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 838
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		840 Sigue

26.16- 008840-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TOPE MOVIL SOBRE RUEDAS	= 30BB.F02	
2				Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Hoja 840 842 Sigue

626.16F-0088423

626.16 - 008 844 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSFERIDOR DE CADENAS EN SUBIDA	= 30BB.F02	
2				Encarg.	VENDRAME				+ Servicios auxiliares acabadora	
1	EMISION PARA CONCE	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302 Hoja 844
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		+ 846 Sigue

	1	2	3	4	5	6	7	8	
A	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A22-F1	RELE TERMICO		1	SIEMENS	3UA5800-2P	50-63A	/	/398.2
	-A22-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4722-0AF0	110Vac 50Hz	3211000022	/398.5
	-A22-K2	CONTACTOR TRIPOLAR		1	SIEMENS	3TF4722-0AF0	110Vac 50Hz	3211000022	/398.6
	-A22-K3	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT306,115	115Vac 50Hz W3	/	/398.5
	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	ZOCALO UNDECAL PARA RELE		1	SCHRAK	MR78,700	/	3213000061	/398.5
	CSQ	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT301,024	24Vdc W3	/	/398.6
	UNI EN 29001 ISO 9001 Member of EQNet	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRAK	MR78,110	/	/	/398.6
	CERTIFIED QUALITY SYSTEM	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT301,024	24Vdc W3	/	/398.6
B	-A22-K5	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRAK	MR78,110	/	/	/398.6
	-A22-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5060-0CA10	160A 660V	/	/398.2
	-A22-Q1	FUSIBLE		3	SIEMENS	3NA3832	NH00 gG 125A 500V 120kA	3162000028	/398.2
	-A22-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/398.6
	-A22-Z1	FILTRO RC		1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/398.5
	-A22-Z2	FILTRO RC		1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/398.5
	-A22-Z3	FILTRO RC		1	SCHRAK	MRM-U0 524	24/115Vac	/	/398.4
	C	According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management							C
	D								D
E	AutoCAD-COMPUTER AIDED DESIGN	3302-846							E
F	3			Fecha	27/01/1997	SIPAR	TRANSFERIDOR PARA ACUMULACION FAJO	=30BB.F02	
	2			Encarg.	VENDRAME			+ Servicios auxiliares acabadora	
	1	EMISION PARA CON	ENE 97	GLEREAN	Contr. VENDRAME			30620 N°: 3062-D30-E3302	
	Modificacion	Fecha	Nombre	Norma	IEC			Hoja 846	
				Obtenido de:		Reemplazo para:	Descript.	848 Sigue	
						Reemplaz. por:			

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3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	TRANSFERIDOR PARA ACUMULACION FAJO	Servicios auxiliares acabadora		= 30BB.F02
2			Encarg.	VENDRAME				+		
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 846
Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			Sigue 848

	1	2	3	4	5	6	7	8	
A	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of CERTIFIED Quality System	-A23-H1	LUZ ROJA PILOTO		1	SIEMENS	3SB1001-6BC06	122	3181000001	/400.4
	-A23-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/400.4
	-A23-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/400.4
	-A23-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/400.4
	-A23-F1	RELE TERMICO		1	SIEMENS	3UA6000-1M	90-120A	/	/400.2
	-A23-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF5022-0AF0	110Vac 50Hz	3211000024	/400.5
	-A23-K2	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT306,115	115Vac 50Hz W3	/	/400.5
	-A23-K2	ZOCALO UNDECAL PARA RELE		1	SCHRAK	MR78,700	/	3213000061	/400.5
	-A23-K3	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT301,024	24Vdc W3	/	/400.6
	-A23-K3	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRAK	MR78,110	/	/	/400.6
B	-A23-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5260-0CA10	250A 660V	/	/400.2
According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A23-Q1	FUSIBLE		3	SIEMENS	3NA3140	NH1 gG 200A 500V 120kA	3162000038	/400.2
	-A23-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/400.6
	-A23-Z1	FILTRO RC		1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/400.5
	-A23-Z2	FILTRO RC		1	SCHRAK	MRM-U0 524	24/115Vac	/	/400.5
C	AutoCAD-COMPUTER AIDED DESIGN		3302-848						C
D									D
E									E
F							626.16 - 008 - 848 - 3		F
3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	BOMBA 1 CLO/VCR	=30BB.F02	
2			Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				30620	
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Nº: 3062-D30-E3302	Hoja 848 850 Sigue

	1	2	3	4	5	6	7	8			
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.		
	-A24-F1	RELE TERMICO		1	SIEMENS	3UA6000-1M	90-120A	/	/402.2		
	-A24-K1	CONTACTOR TRIPOLAR		1	SIEMENS	3TF5022-0AF0	110Vac 50Hz	3211000024	/402.5		
	-A24-K2	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT306,115	115Vac 50Hz W3	/	/402.5		
	-A24-K2	ZOCALO UNDECAL PARA RELE		1	SCHRAK	MR78,700	/	3213000061	/402.5		
	-A24-K3	RELE SOBRE ZOCALO UNDECAL		1	SCHRAK	MT301,024	24Vdc W3	/	/402.6		
	-A24-K3	ZOCALO UNDECAL PARA RELE CON DIODO		1	SCHRAK	MR78,110	/	/	/402.6		
	-A24-Q1	AISLADOR TRIPOLAR AC/DC		1	SIEMENS	3NP5260-0CA10	250A 660V	/	/402.2		
	-A24-Q1	FUSIBLE		3	SIEMENS	3NA3140	NH1 gG 200A 500V 120kA	3162000038	/402.2		
	-A24-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC		1	SIEMENS	5SX2 103-7	3A	3265000005	/402.6		
B	-A24-Z1	FILTRO RC		1	LUTZE	LRC-V2-0.68	110/230Vac 50/60Hz	3361000036	/402.5		
B	-A24-Z2	FILTRO RC		1	SCHRAK	MRM-U0 524	24/115Vac	/	/402.5		
C	According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management										
D											
E	AutoCAD-COMPUTER AIDED DESIGN 3302-850										
F	626.16E 008 850 3										
3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	BOMBA 2 CLO/VCR	Servicios auxiliares acabadora			
2			Encarg.	VENDRAME				= 30BB.F02			
1	EMISION PARA CONENE 97	CLEREAN	Contr.	VENDRAME				+			
Modificacion	Fecha	Nombre	Norma	IEC				30620	Nº: 3062-D30-E3302 Hoja 850		
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	852 Sigue		

	1	2	3	4	5	6	7	8					
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.			
	-A25-K1	CONTACTOR TRIPOLAR			1	SIEMENS	3TF4022-0AF0	110Vac 50Hz	/	/404.5			
	-A25-K2	RELE SOBRE ZOCALO UNDECAL			1	SCHRAK	MT301,024	24Vdc W3	/	/404.6			
	-A25-K2	ZOCALO UNDECAL PARA RELE CON DIODO			1	SCHRAK	MR78,110	/	/	/404.6			
	-A25-Q1	AISLADOR TRIPOLAR AC/DC			1	SIEMENS	3NP5060-0CA10	160A 660V	/	/404.2			
	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	-A25-Q1 FUSIBLE			3	SIEMENS	3NA3807	NH00 gG 20A 500V 120kA	3162000019	/404.2			
	CSQ	-A25-Q11 INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 103-7	3A	3265000005	/404.6			
	UNI EN 29001 ISO 9001 Member of EQNet	-A25-Z1 FILTRO RC			1	LUTZE	LRC-S6-0321	110/230Vac 50/60Hz	3361000035	/404.5			
B	CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management												
C													
D													
E	AutoCAD-COMPUTER AIDED DESIGN 3302-852												
F	626.16 - 008 - 852 - 3												
3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CALENTADOR ACEITE CLO/VCR	Servicios auxiliares acabadora					
2			Encarg.	VENDRAME				=30BB.F02					
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				+					
	Modificacion	Fecha	Nombre	Norma IEC				30620	Nº: 3062-D30-E3302	Hoja 852			
			Obtenido de:	Reemplazo para:		Reemplaz. por:	Descript.			854 Sigue			

626.16 - 008 - 852 - 3

$$626 \cdot 16F = 008 = 054 = 4$$

10. *What is the name of the author?*

4 INSTALACION ROLOS MAG. 10/10/2004
3 , , Fecha: 27/01/1997

3 Fechada 27/01/1997
2 Encarregado VENDRAMEM

1 EMISION PARA CONENE 97 GLEREAN Contr. VENDRAME

SIRAB



AQUINA

For more information about the study, please contact the study team at 1-800-258-4929 or visit www.cancer.gov.

10 of 10

= 30BB.F02

Servicios auxiliares acabadora

30620 N°: 3062 D30 E3302

E3302

	1	2	3	4	5	6	7	8		
A	CODIGO	DESCRIPCION APARATO			CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A91-A101	MODULO SLAVE ET200S			1	SIEMENS	6ES7 151-1AA06-0AB0	SLAVE ET200S	/	/132.1
	-A91-A102	MÓDULO DE POTENCIA PM			1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/132.3
	-A91-A102	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A103	MODULO 2 SALIDAS ANALÓGICAS			1	SIEMENS	6ES7135-4FB01-0AB0	4 ENTR. DIGITALES ESTANDAR	/	/132
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES	MÓDULOS DE TERMINALES			1	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A103	MODULO 4 ENTR. DIGIT.			4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/132
	-A91-A104/7	MÓDULOS DE TERMINALES			4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A108/11	MODULO 4 SAL. DIGIT.			4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/132
	-A91-A108/11	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
C	UNI EN 29001 ISO 9001 Member of CERTIFIED Quality System	MÓDULO DE POTENCIA PM			1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/152.3
	-A91-A112	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A112	MODULO 4 ENTR. DIGIT.			4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/152
	-A91-A113/6	MÓDULOS DE TERMINALES			4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A113/6	MODULO 4 SAL. DIGIT.			4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/152
D	According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	MÓDULO 4 SAL. DIGIT.			4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/152
	-A91-A117/20	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A121	MÓDULO DE POTENCIA PM			1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/172.3
	-A91-A121	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A122/25	MODULO 4 ENTR. DIGIT.			4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/172
E	AutoCAD-COMPUTER AIDED DESIGN 3302-856	MÓDULOS DE TERMINALES			4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A122/25	MÓDULOS DE TERMINALES			4	SIEMENS	6ES7 193-4CB20-0AA0	4 SAL. DIG. ESTANDAR	/	/
	-A91-A126/29	MODULO 4 SAL. DIGIT.			4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/172
	-A91-A126/29	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A130	MÓDULO DE POTENCIA PM			1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/192.3
F	-A91-A130	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A131/34	MODULO 4 ENTR. DIGIT.			4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/192
	-A91-A131/34	MÓDULOS DE TERMINALES			4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A135/38	MODULO 4 SAL. DIGIT.			4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/192
	-A91-A135/38	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
G	-A91-A139	MÓDULO DE POTENCIA PM			1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/401.3
	-A91-A139	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-A140/41	MODULO 4 ENTR. DIGIT.			2	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/401
	-A91-A140/41	MÓDULOS DE TERMINALES			2	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A91-A142/43	MODULO 4 SAL. DIGIT.			2	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/401
H	-A91-A142/43	MÓDULO DE TERMINALES PARA ALIMENTACIÓN			2	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A91-Q10	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/401.7
	-A91-Q100	INTERRUPTOR AUT. UNIPOLAR DC/DC			1	SIEMENS	5SL3 102-7MB	2A	/	/132.2
	-A91-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC			1	SIEMENS	5SX2 102-7	2A	3265000004	/132.6
	-A91-X100	TOMA DE CORRIENTE 2P+T			1	VIMAR	art. 12335	16A 220V	3349000068	/132.6
I										
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4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	PLC	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAMÉ				+ 30620	Nº 3062-D30-F3302 Hoja 856
1	EMISIÓN PARA CONENE	97	GLELEAN	Contr.	VENDRAMÉ					
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplazó por:	Descript.	

	1	2	3	4	5	6	7	8
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSE UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-A92-A101	MODULO SLAVE ET200S	1	SIEMENS	6ES7 151-1AA06-0AB0	SLAVE ET200S	/	/292.1
	-A92-A102	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/292.3
	-A92-A102	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A103/4	MODULO 2 SALIDAS ANALÓGICAS	2	SIEMENS	6ES7135-4FB01-0AB0	4 ENTR. DIGITALES ESTANDAR	/	/292
	-A92-A103/4	MÓDULOS DE TERMINALES	2	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A92-A105/8	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/292
	-A92-A105/8	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A92-A109/12	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/292
	-A92-A109/12	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
B ○ CERTIFIED EQNet QUALITY SYSTEM	-A92-A113	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/312.3
	-A92-A113	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A114/7	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/312
	-A92-A114/7	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A92-A118/21	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/312
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A92-A118/21	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A122	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/326.3
	-A92-A122	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A123/26	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/326
	-A92-A123/26	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A92-A127/30	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/326
	-A92-A127/30	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A131	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/346.3
	-A92-A131	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-A132/35	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/346
D ○ According to law CENTRO AUTOMATION SpA considers this document to be a Company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-A92-A132/35	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/
	-A92-A136/39	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/346
	-A92-A136/39	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/
	-A92-Q100	INTERRUPTOR AUT. UNIPOLAR DC/DC	1	SIEMENS	5SL3 102-7MB	2A	/	/292.2
	-A92-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 102-7	2A	3265000004	/292.6
E AutoCAD-COMPUTER AIDED DESIGN 3302-858 ○	-A92-X100	TOMA DE CORRIENTE 2P+T	1	VIMAR	art. 12335	16A 220V	3349000068	/292.6
F ○						626.16	008	858 4
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997			= 30BB.F02
1	EMISION PARA CONENE 97	GLELEAN	Encarg.	VENDRAME				+ 30620
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Descript.

DANIELI AUTOMATION

PLC

Servicios auxiliares acabadora

Nº: 3062-D30-E3302

= 30BB.F02

+
30620

Hoja 858

860 Sigue

	1	2	3	4	5	6	7	8	
A CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.	
	-A93-A101	MODULO SLAVE ET200S	1	SIEMENS	6ES7 151-1AA06-0AB0	SLAVE ET200S	/	/206.1	
	-A93-A102	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/206.3	
	-A93-A102	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A103/4	MODULO 2 SALIDAS ANALÓGICAS	2	SIEMENS	6ES7135-4FB01-0AB0	4 ENTR. DIGITALES ESTANDAR	/	/206	
	-A93-A103/4	MÓDULOS DE TERMINALES	2	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
	-A93-A105/8	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/206	
	-A93-A105/8	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
	-A93-A109/12	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/206	
	-A93-A109/12	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
B C D E F	-A93-A113	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/226.3	
	-A93-A113	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A114/7	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/226	
	-A93-A114/7	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
	-A93-A118/21	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/226	
	-A93-A118/21	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A122	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/246.3	
	-A93-A122	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A123/26	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/246	
	-A93-A123/26	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
C D E	-A93-A127/30	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/246	
	-A93-A127/30	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A131	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/272.3	
	-A93-A131	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A132/35	MODULO 4 ENTR. DIGIT.	4	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/272	
	-A93-A132/35	MÓDULOS DE TERMINALES	4	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
	-A93-A136/39	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/272	
	-A93-A136/39	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-A140	MÓDULO DE POTENCIA PM	1	SIEMENS	6ES7 138-4CA01-0AA0	24 VDC	/	/362.3	
	-A93-A140	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	1	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
E F	-A93-A141/46	MODULO 4 ENTR. DIGIT.	6	SIEMENS	6ES7 131-4BD01-0AA0	4 ENTR. DIGITALES ESTANDAR	/	/362	
	-A93-A141/46	MÓDULOS DE TERMINALES	6	SIEMENS	6ES7 193-4CB20-0AA0	BORNES TORNILLO	/	/	
	-A93-A147/50	MODULO 4 SAL. DIGIT.	4	SIEMENS	6ES7 132-4BD02-0AA0	4 SAL. DIG. ESTANDAR	/	/362	
	-A93-A147/50	MÓDULO DE TERMINALES PARA ALIMENTACIÓN	4	SIEMENS	6ES7 193-4CD20-0AA0	BORNES TORNILLO	/	/	
	-A93-Q100	INTERRUPTOR AUT. UNIPOLAR DC/DC	1	SIEMENS	5SL3 102-7MB	2A	/	/206.2	
	-A93-Q11	INTERRUPTOR AUT. UNIPOLAR AC/DC	1	SIEMENS	5SX2 102-7	2A	3265000004	/206.6	
	-A93-X100	TOMA DE CORRIENTE 2P+T	1	VIMAR	art. 12335	16A 220V	3349000068	/206.6	
	-A93-WA134	CABLE DE CONEXION IM316	1	SIEMENS	6ES5 712-8BC5_	2.5mt	3112000139	/94.8	
O						626.16 E 008 860 4			
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	PLC	Servicios auxiliares acabadora = 30BB.F02
1	EMISION PARA CON	ENE 97	GLEREAN	Encarg	VENDRAME				+ 30620
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.

626.16 - 008 862 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z201	=30BB.F02	
2				Encarg.	VENDRAME				+ Servicios auxiliares acabadora	
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302 Hoja 862
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	864	Sigue

626.16F - 008 - 864 - 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z202	= 30BB.F02				
2				Encarg.	VENDRAME				Servicios auxiliares acabadora				
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+ 30620				
	Modificacion	Fecha	Nombre	Norma	IEC				Nº: 3062-D30-E3302	Hoja 864			
						Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	Sigue 866			

626.16F-008-866-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z203	=30BB.F02				
2				Encarg.	VENDRAME				Servicios auxiliares acabadora				
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					+				
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:				30620	Nº: 3062-D30-E3302			
					Reemplazo para:		Reemplaz. por:	Descript.		Hoja 866 868 Sigue			

	1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES csq UNI EN 29001 ISO 9001 Member of CERTIFIED EQNet QUALITY SYSTEM	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-H1	LUZ AMARILLO PILOTO		1	SIEMENS	3SB1001-6BD06	122	3181000002	/506.5
	-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/506.5
	-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/506.5
	-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/506.5
	-Q0	AISLADOR TRIPOLAR AC/DC		1	BLUM	A4/63V+Z33+Z65+Z63	6.3A	/	/506.2
	-Q1	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q2	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q3	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q4	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
B ○ C ○ D ○ E ○ F ○	-Q5	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q6	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q7	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.2
	-Q8	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/506.3
AutoCAD-COMPUTER AIDED DESIGN 3302-868									
626.16E - 008 - 868 - 3									
3			Fecha	27/01/1997	SIPAR	CAJA SALVAMOTORES =30BB.Z204	Servicios auxiliares acabadora		=30BB.F02
2			Encarg.	VENDRAME			+		
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME			30620		Nº 3062-D30-E3302
Modificacion	Fecha	Nombre	Norma	IEC			Hoja 868		870 Sigue
ft. DIN6771/Teil 5 1		2		3	4	5	6	7	8

1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES  UNI EN 29001 ISO 9001 Member of 	CODIGO	DESCRIPCION APARATO	CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-H1	LUZ AMARILLO PILOTO	1	SIEMENS	3SB1001-6BD06	122	318100002	/510.5
	-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS	1	SIEMENS	3SB1902-1AC	/	3282000023	/510.5
	-H1	BLOQUE PORTALAMPARA	1	SIEMENS	3SB1400-2A	BA9S	3181000011	/510.5
	-H1	LAMPARA	1	VIMEX	BA9S	130Vac 2W 10x28	/	/510.5
	-Q0	AISLADOR TRIPOLAR AC/DC	1	BLUM	A4/100V+Z33+Z65+Z63	100A	/	/510.2
	-Q1	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q2	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q3	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q4	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
B ○ CERTIFIED QUALITY SYSTEM EQNet	-Q5	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q6	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q7	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q8	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q9	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q10	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q11	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q12	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q13	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q14	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
C ○ According to law CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it, in whole or part, to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management	-Q15	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q16	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q17	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.2
	-Q18	INTERRUPTOR AUT. TRIPOLAR AC/DC	1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/510.3
D ○ AutoCAD-COMPUTER AIDED DESIGN 3302-870								
E ○ 626.16E-008-870-3								
F ○ 3								
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	SIPAR	DANIELI AUTOMATION	CAJA SALVAMOTORES	=30BB.F02
2		Encarg.		VENDRAME				+ =30BB.Z205
3	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Descript.
4						Reemplaz. por:		30620
5								Nº: 3062-D30-E3302
6								Hoja 870
7								872 Sigue
8								

	1	2	3	4	5	6	7	8		
A	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.	
B	-H1	LUZ AMARILLO PILOTO		1	SIEMENS	3SB1001-6BD06	122	3181000002	/512.5	
	-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/512.5	
	-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/512.5	
	-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/512.5	
	-Q0	AISLADOR TRIPOLAR AC/DC		1	BLUM	A4/63V+Z33+Z65+Z63	63A	/	/512.2	
	-Q1	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q2	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q3	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q4	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q5	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
B	-Q6	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
C	-Q7	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q8	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q9	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.2	
	-Q10	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/512.3	
D										
E	AutoCAD-COMPUTER AIDED DESIGN		3.302-872						E	
F							626.16E-008-872-3		F	
3			Fecha	27/01/1997	SIPAR		DANIELI AUTOMATION	CAJA SALVAMOTORES	=30BB.F02	
2			Encarg.	VENDRAME					+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Hoja 872	
	Modificacion	Fecha	Nombre	Norma IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620 N° 3062-D30-E3302	Sigue 874

626 16E - 0088 - 872 - 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z206	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº: 3062-D30-E3302 Hoja 872
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	874 Sigue	

	1	2	3	4	5	6	7	8	
A ○ CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSE UNI EN 29001 ISO 9001 Member of CERTIFIED QUALITY SYSTEM EGNet	CODIGO	DESCRIPCION APARATO		CANT.	CONSTRUCTOR	TIPO	DATOS TECNICOS	CEDA NUMERO	HOJA Y COLUM.
	-H1	LUZ AMARILLO PILOTO		1	SIEMENS	3SB1001-6BD06	122	3181000002	/514.5
	-H1	SOPORTE PARA 3 BLOQUES DE CONTACTOS		1	SIEMENS	3SB1902-1AC	/	3282000023	/514.5
	-H1	BLOQUE PORTALAMPARA		1	SIEMENS	3SB1400-2A	BA9S	3181000011	/514.5
	-H1	LAMPARA		1	VIMEX	BA9S	130Vac 2W 10x28	/	/514.5
	-Q0	AISLADOR TRIPOLAR AC/DC		1	BLUM	A4/63V+Z33+Z65+Z63	63A	/	/514.2
	-Q1	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.2
	-Q2	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.2
	-Q3	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.2
	-Q4	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.2
B ○ CERTIFIED QUALITY SYSTEM EGNet	-Q5	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.2
	-Q6	INTERRUPTOR AUT. TRIPOLAR AC/DC		1	SIEMENS	3VU1300-1NJ00	3.2-5A	3265000276	/514.3
C ○ CENTRO AUTOMATION SpA considers this document to be a company secret and therefore prohibits any person to reproduce or disclose it in whole or part to third parties, without specific written authorization of CENTRO AUTOMATION SpA Management									
D ○ AutoCAD-COMPUTER AIDED DESIGN 3302-874									
E ○ AutoCAD-COMPUTER AIDED DESIGN 3302-874									
F ○ 626.16E-008-874-3									
3			Fecha	27/01/1997	SIPAR		DANIELI AUTOMATION	CAJA SALVAMOTORES	=30BB.F02
2			Encarg	VENDRAME					+
1	EMISION PARA CON	ENE 97	GLEREAN	Contr. VENDRAME				=30BB.Z207	
	Modificacion	Fecha	Nombre	Norma IEC			Descript.		
					Obtenido de:	Reemplazo para:	Reemplaz. por:		
								30620	Nº: 3062-D30-E3302
									Hoja 874 Sigue 876

626 16E - 0088 - 874 - 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z207	=30BB.F02	
2				Encarg.	VENDRAME				Servicios auxiliares acabadora	
1	EMISION PARA CONENE 97	GLEERAN	Contr.	VENDRAME					+	
	Modificacion	Fecha	Nombre Norma	IEC	Obtenido de:				30620	Nº: 3062-D30-E3302 Hoja 874
					Reemplazo para:		Reemplaz. por:	Descript.		876 Sigue

626.16 - 008876 - 3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAJA SALVAMOTORES =30BB.Z208	=30BB.F02	
2				Encarg.	VENDRAME				+ Servicios auxiliares acabadora	
1	EMISION PARA CONCE	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302 / Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	