

	1	2	3	4	5	6	7	8
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A	Hoja 1 2 3 4 5 6	MOD.	Hoja 1 2 3 4 5 6	MOD.	Hoja 1 2 3 4 5 6	MOD.	Hoja 1 2 3 4 5 6	MOD.
	132	246	380	780				
	134	248	381	781				
	136	250	382	782				
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	31	140	260	386	784			
B	32	144	262	388	785			
	33	146	264	390	786			
	36	148	266	391	787			
	37	150	268	392	788			
	38	152	270	394	789			
Member of	39	154	272	396	791			
	41	156	274	398	800			
C	42	158	276	400	802			
	43	160	278	401	804			
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O	45	162	282	404	808			
D	46	164	283	406	810			
	47	166	284	500	812			
	48	168	286	502	814			
	50	170	288	504	816			
	52	172	290	506	818			
	54	174	292	510	820			
	56	176	294	512	822			
	58	178	296	514	824			
	60	180	298	516	826			
	62	181	300	700	828			
	64	182	302	702	830			
	66	184	304	704	832			
	68	186	306	706	834			
	70	188	308	708	836			
	72	190	310	710	838			
	74	192	312	712	840			
	76	194	314	714	842			
	78	196	316	716	844			
	80	198	318	718	846			
	82	200	320	720	848			
	84	202	321	722	850			
E	90	204	322	724	852			
	92	206	324	726	854			
	94	208	326	728	856	X		
AutoCAD-COMPUTER AIDED DESIGN 33302-E001	100	210	328	730	858			
O	102	212	330	732	860			
	104	220	332	770	862			
	108	222	340	771	864			
	110	224	342	772	866			
	112	226	344	773	868			
	120	228	346	774	870			
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	124	232	350	776	874			
F		126	240	352	777			
		128	242	360	778			
		130	244	362	779			

SIPAR
— ARGENTINA —

626.16E-008-001-4

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
1	27.01.97	EMISION	VENDRAME	VENDRAME	GLELEAN ZANUTTIG
Mod.	Fecha	Descripcion	Encarg.	Contr.	Aprobado Visto
			32539		
Nº:			30620		
Titel	SERVICIOS AUXILIARES ACABADORA			Escala	/
=30BB.F02	+			Tamano	A3
Nº:	3062-D30-E3302			Mod.	Hoja 1
					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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ISO 9001Member of
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F

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	INDICE GENERAL	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 3 5 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	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			/			
C ○ According to law CENTRO AUTONATION 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 AUTONATION SpA Management										
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 Descript.	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			Hoja 5 30 Sigue				

VISTA ANTERIOR

-A23/-A24

-A25/-A26 -A0

- A5

- A6

- A7

- A

- A2

- A3

- A4

A25/-

- A0

- A6

- A7

2200

2200

echo

orma

DIVISION PARA TRANSPORTE

VISTA

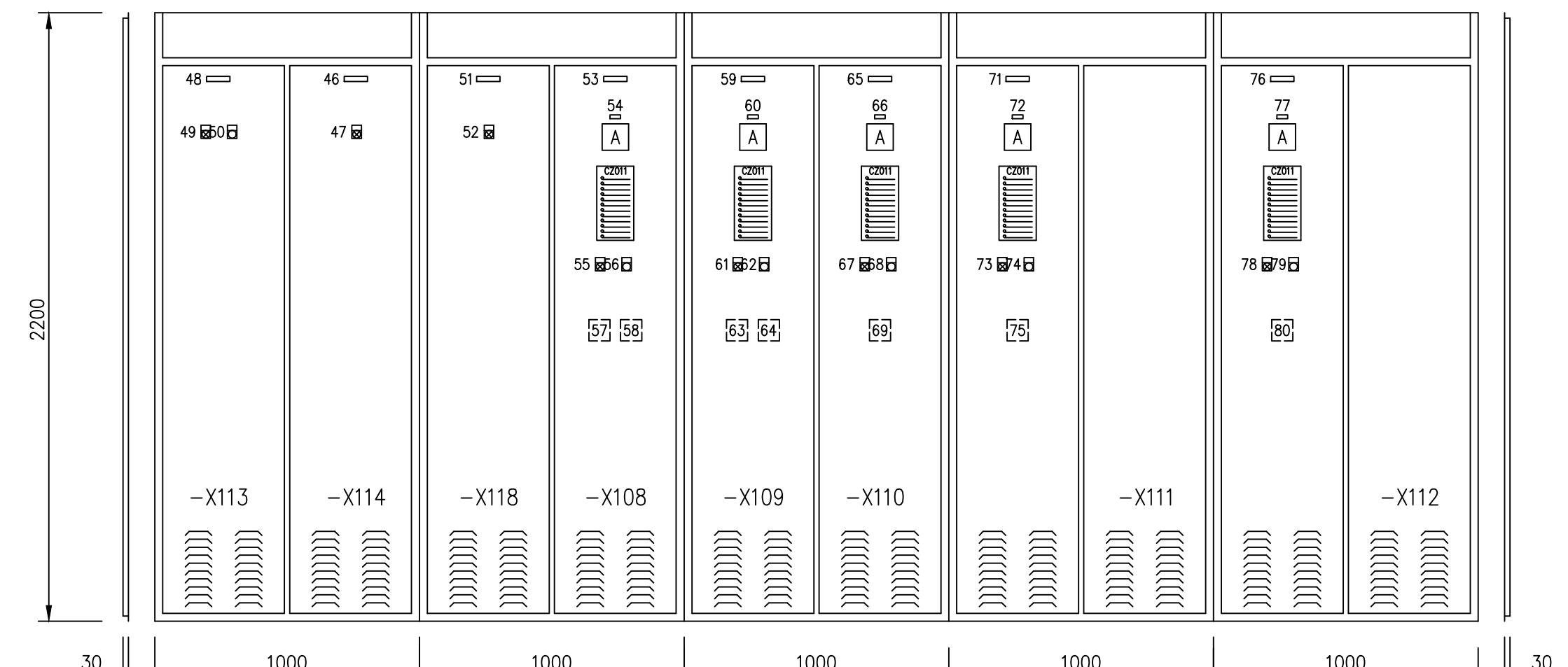
A diagram of a hexagonal prism. The top face is a hexagon with vertices labeled A, B, C, D, E, and F. The bottom face is a hexagon with vertices labeled f, e, d, c, b, and a. Diagonals are drawn from each vertex on the top face to its corresponding vertex on the bottom face. Vertices A, C, and E are marked with small black dots.

626.16E-008-030-3

3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	VISTA ESTERIOR CUADRO	Servicios auxiliares acabadora	=30BB.F02
2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					Nº: 3062-D30-E3302	Hoja 30 31 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC				Descript.	
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VISTA POSTERIOR

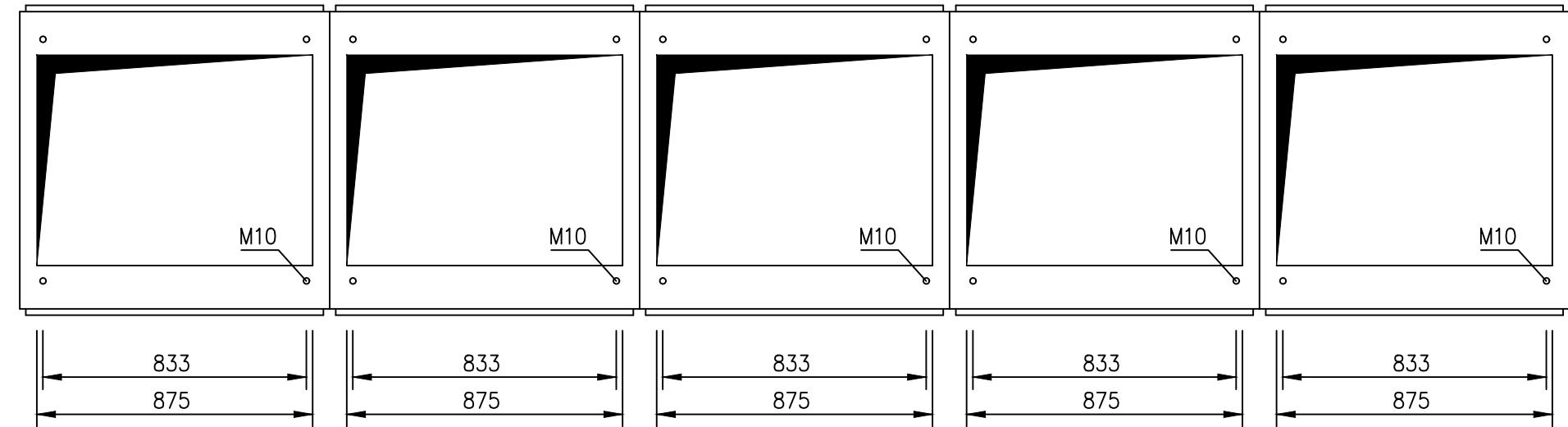
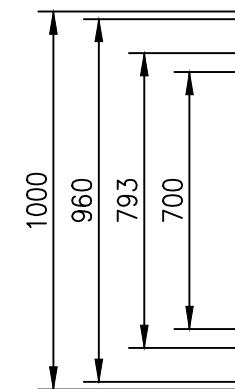
-A13 -A14/-A15/A18/-A19/-A20
 -A16/-A17 -A21/-A22 -A8 -A9 -A10 -A11 -A12

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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	GLEREAN	Encarg.				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	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)

626.16E-008-032-3

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3302-032

3			Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	LISTA DE PLACAS	Servicios auxiliares acabadora		=30BB.F02
2	DESPL. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ 30620	Nº 3062-D30-E3302	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						Hoja 32
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		33 Sigue

A							
	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/ TRANSP. 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)		

A							
	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						
	82						
	83						
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	86						
	87						
	88						

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626.16E-008-033-3

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

+

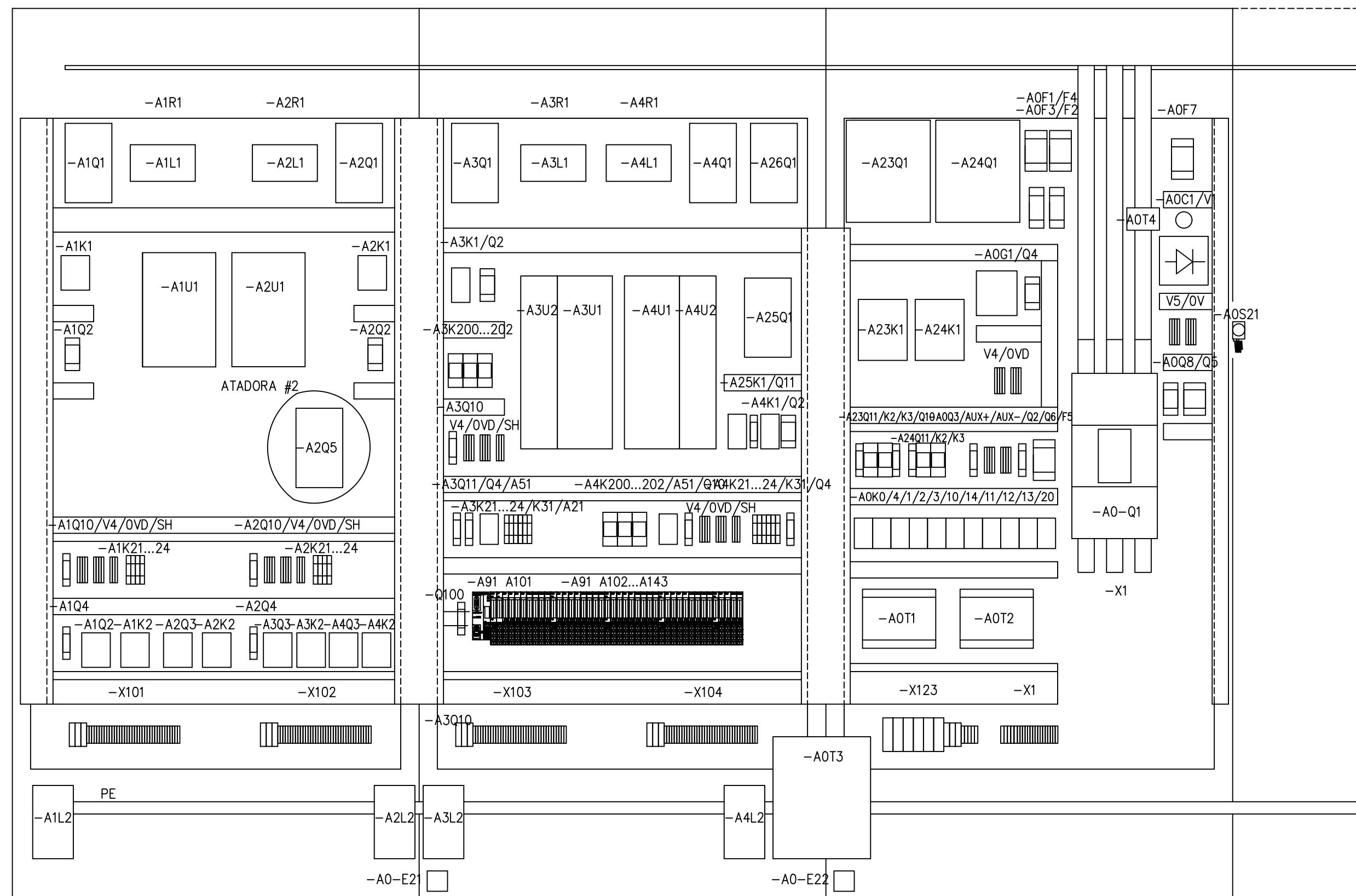
30620 N° 3062-D30-E3302

Hoja 33

36 Sigue

VISTA ANTERIOR

A	
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES CSQ UNI EN 29001 ISO 9001 Member of CERTIFIED EqNet 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	AutoCAD-COMPUTER AIDED DESIGN 3302-E36



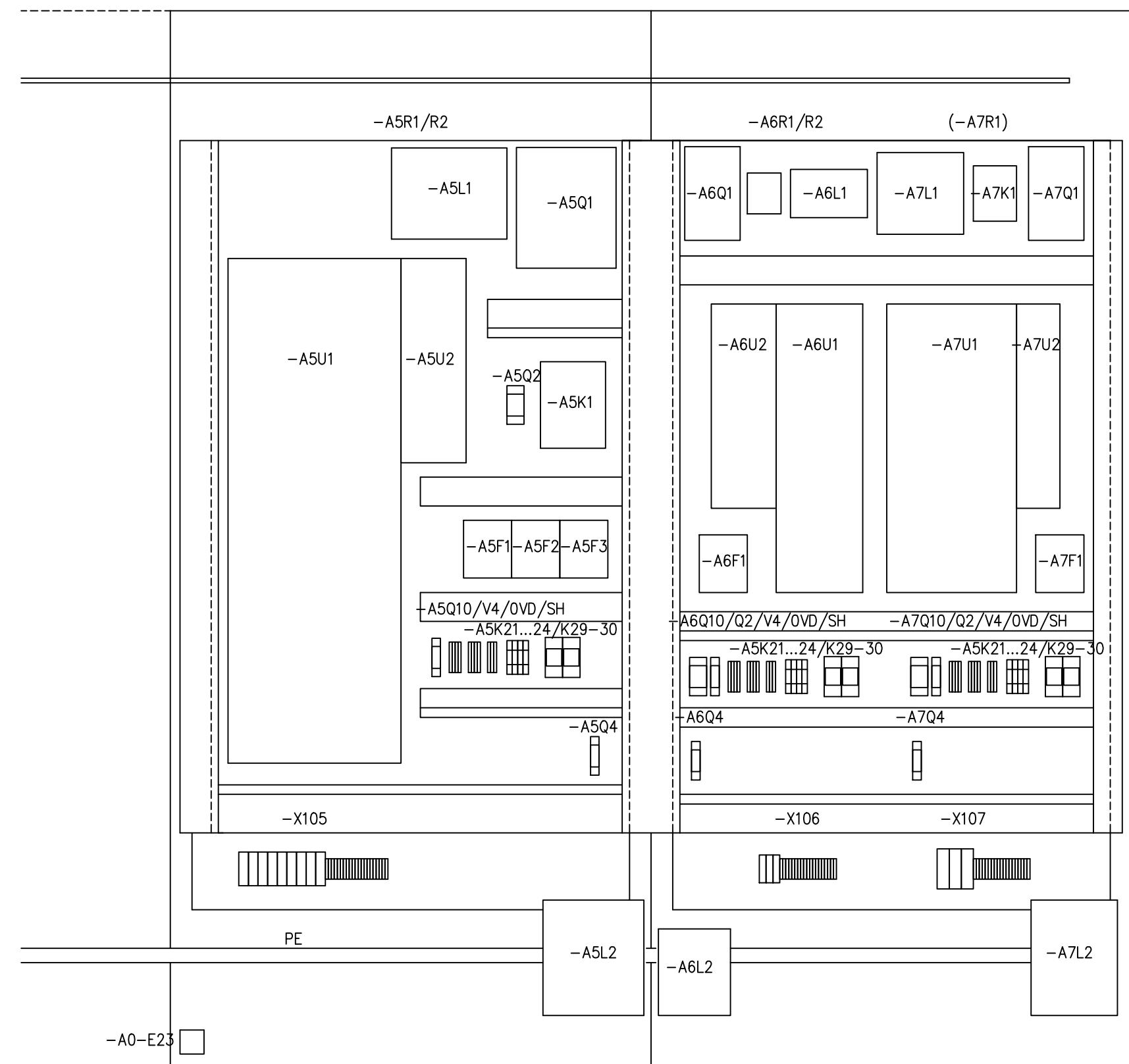
626.16E-008-036-5

NOTE: K2 TELERUTTORE FAN FEEDER
Q3 INTERRUTTORE FAN FEEDERESCALA 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
									+		
3	DESP. START-UP	MAY 98	LOG.	Contr.	VENDRAME				30620	Nº 3062-D30-E3302	Hoja 36
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:			Sig 37

VISTA ANTERIOR

A	
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3302-D30

626.16E-008-037-3

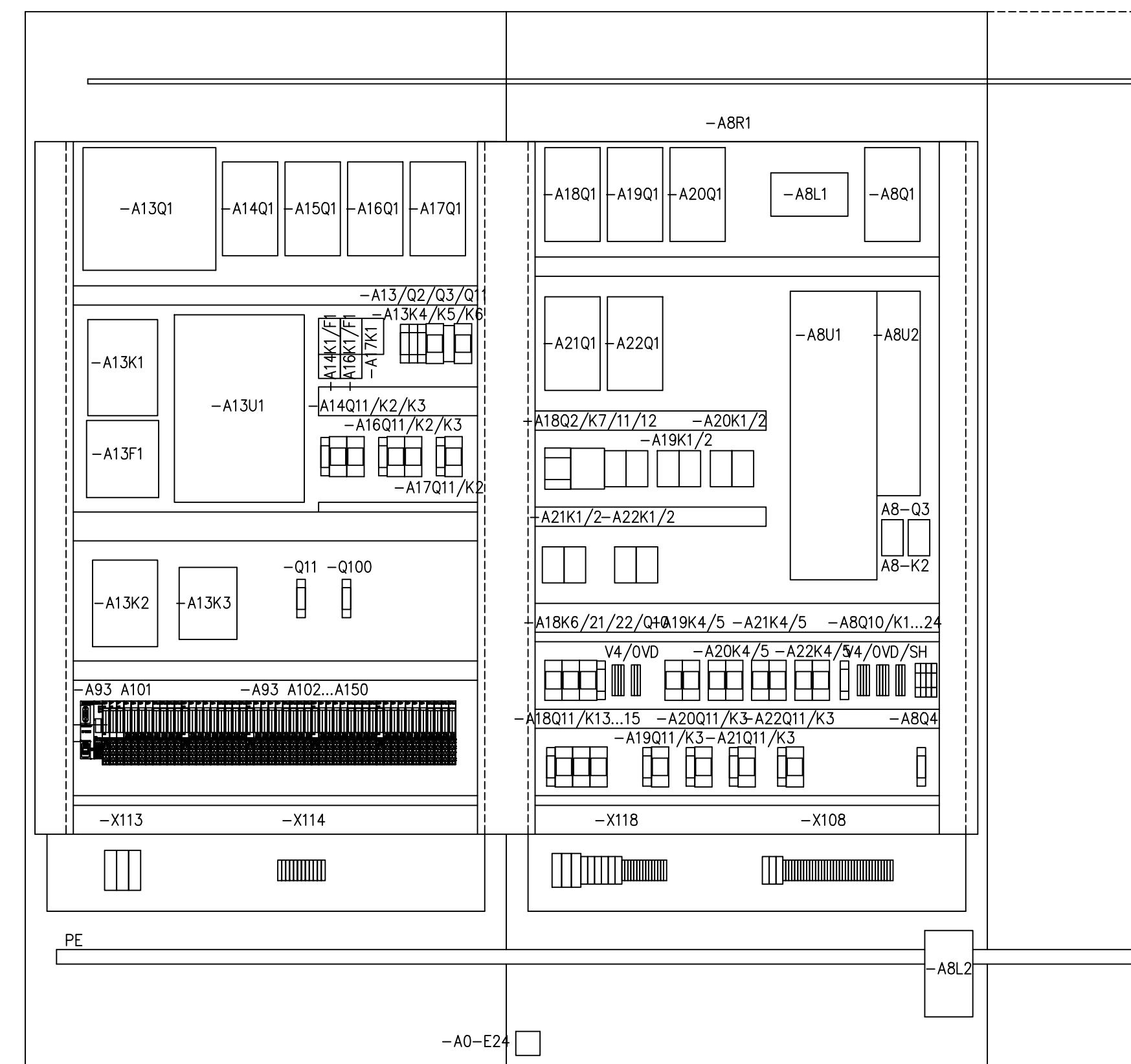
ESCALA 1:10 POR TAMAÑOS A3
Dimensiones en milímetros

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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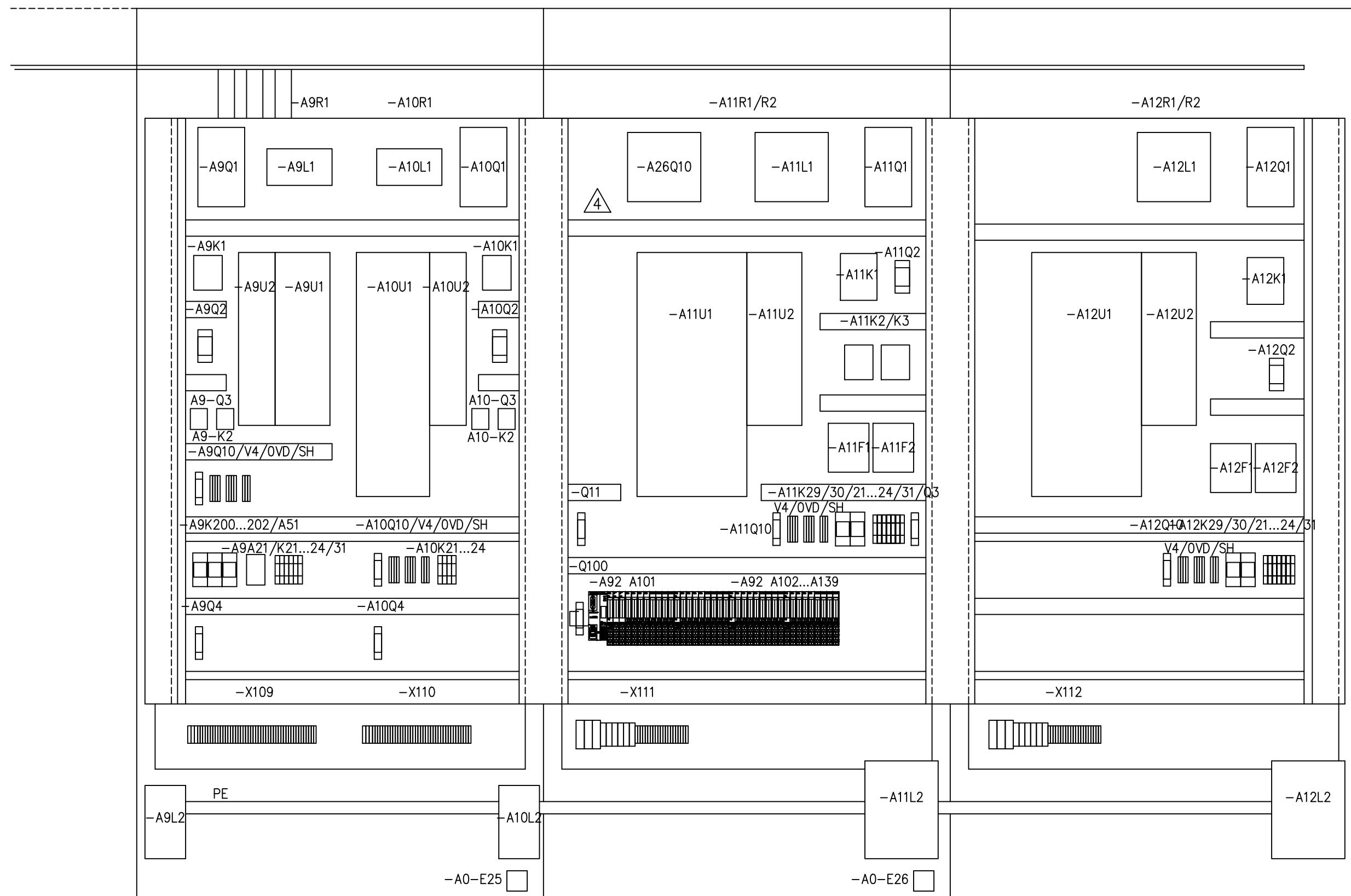
626.16E-008-038-4

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

VISTA POSTERIOR

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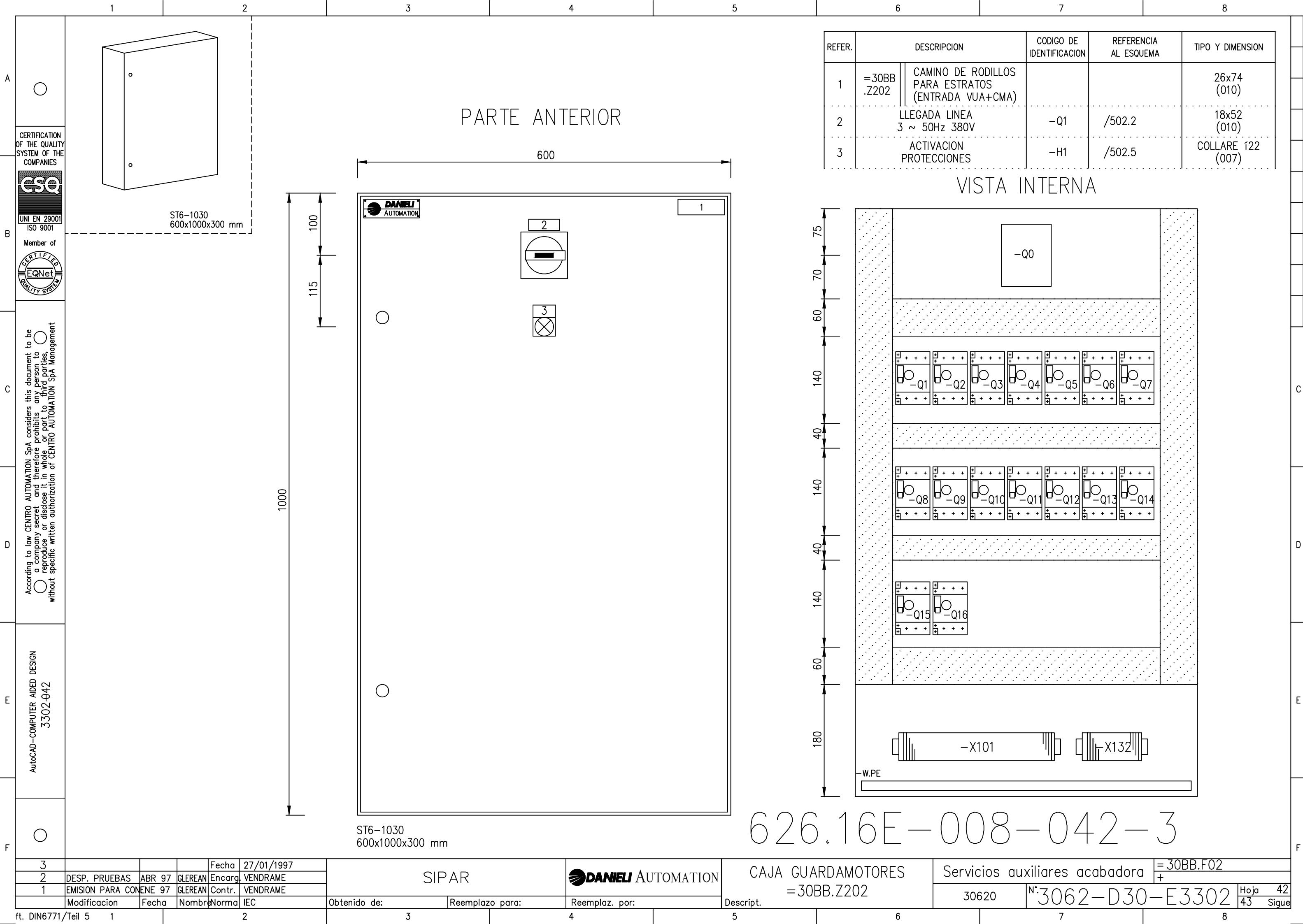


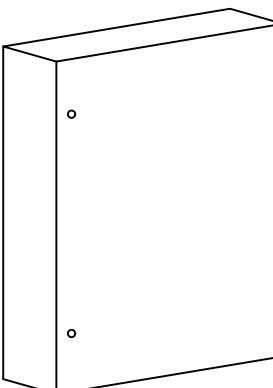
NB:
 K2 → TELERUTTORE FAN FEEDER
 Q3 → INTERUTTORE FAN FEEDER

626.16E-008-039-5

ESCALA 1:10 POR TAMAÑOS A3
 Dimensiones en milímetros

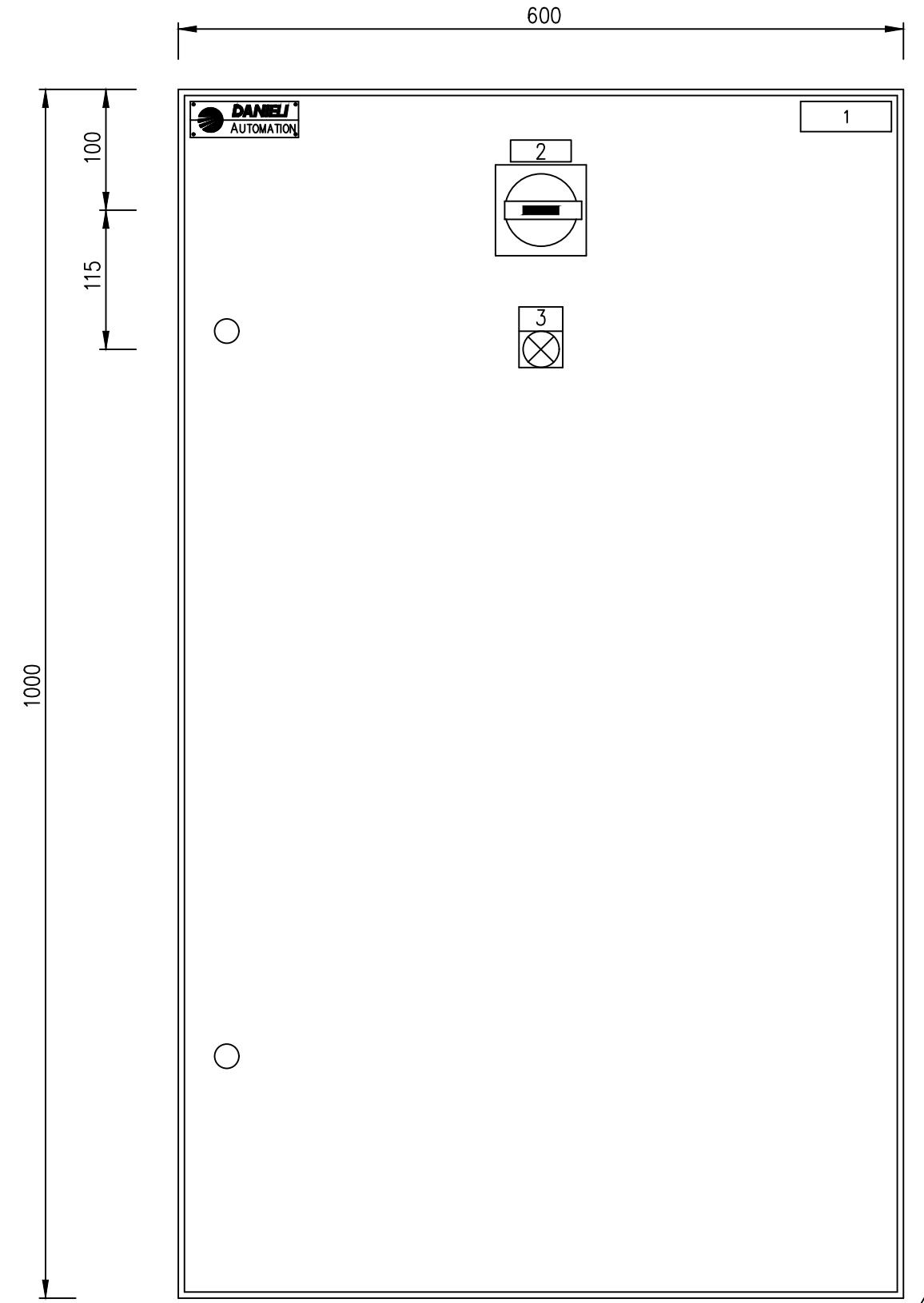
5	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	LAYOUT APARATOS EN EL CUADRO	Servicios auxiliares acabadora	=30BB.F02
4	INSTALACION ROLOS MAG.		Encarg.	VENDRAME					+ 30620	
3	DESP. START-UP MAY 98	LOG.	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 39
	Modificación	Fecha	Nombre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





PARTE ANTERIOR

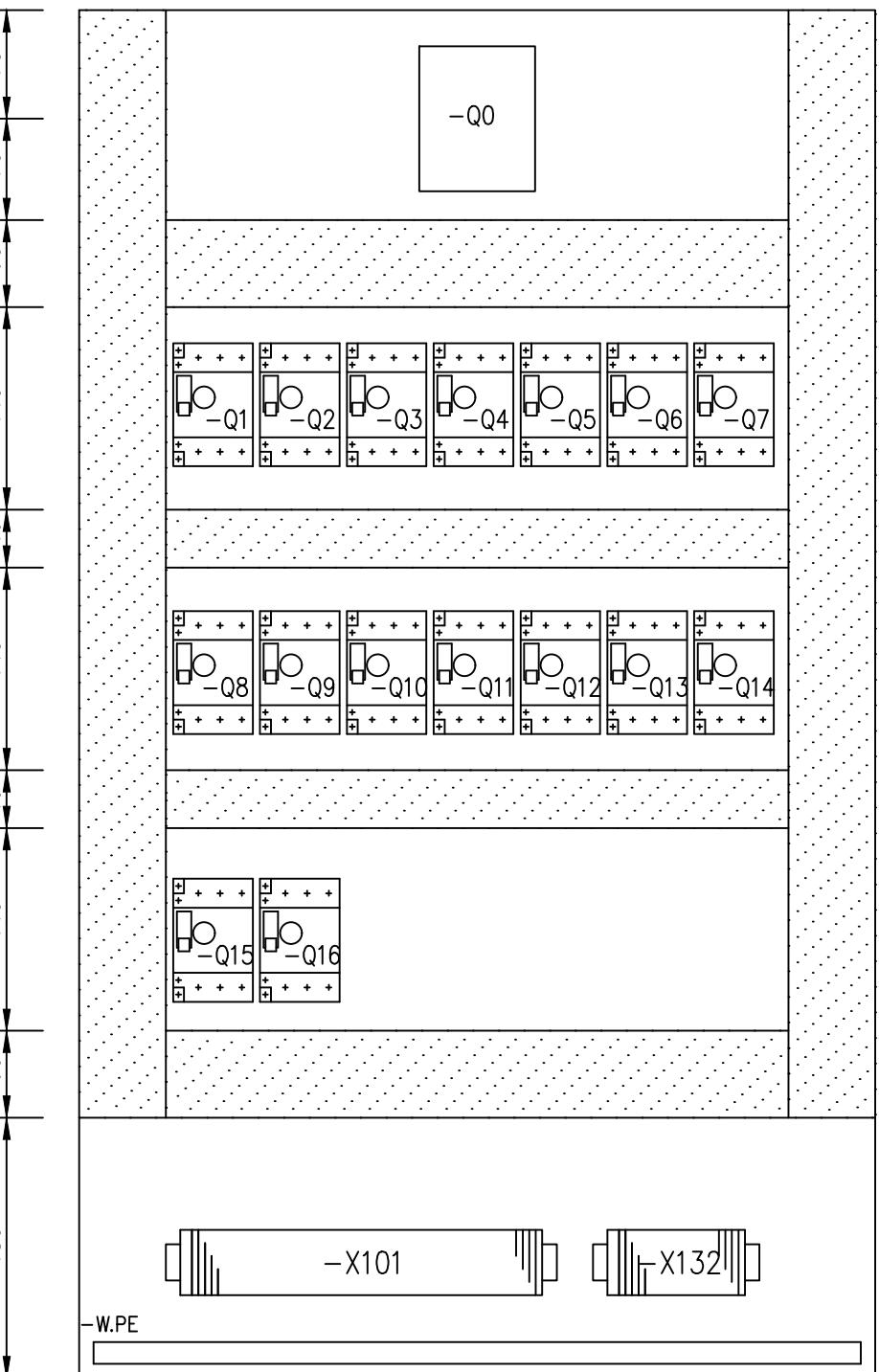
ST6-1030
600x1000x300 mm



ST6-1030
600x1000x300 mm

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1	=30BB.Z203	CAMINO DE RODILLOS PARA ESTRATOS (ENTRADA VUA+CMA)		26x74 (010)
2		LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	18x52 (010)
3		ACTIVACION PROTECCIONES	-H1	COLLARE 122 (007)

VISTA INTERNA



626.16E-008-043-3

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3.3302-D30.3

3 DESP. PRUEBAS ABR 97 GLELEAN Fecha 27/01/1997

2 EMISION PARA CONENE 97 GLELEAN Encarg. VENDRAME

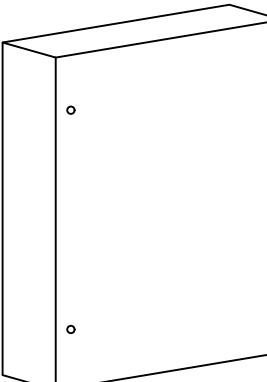
1 Modificacion Fecha Nombre Norma IEC

Obtenido de: Reemplazo para:

Reemplaz. por:

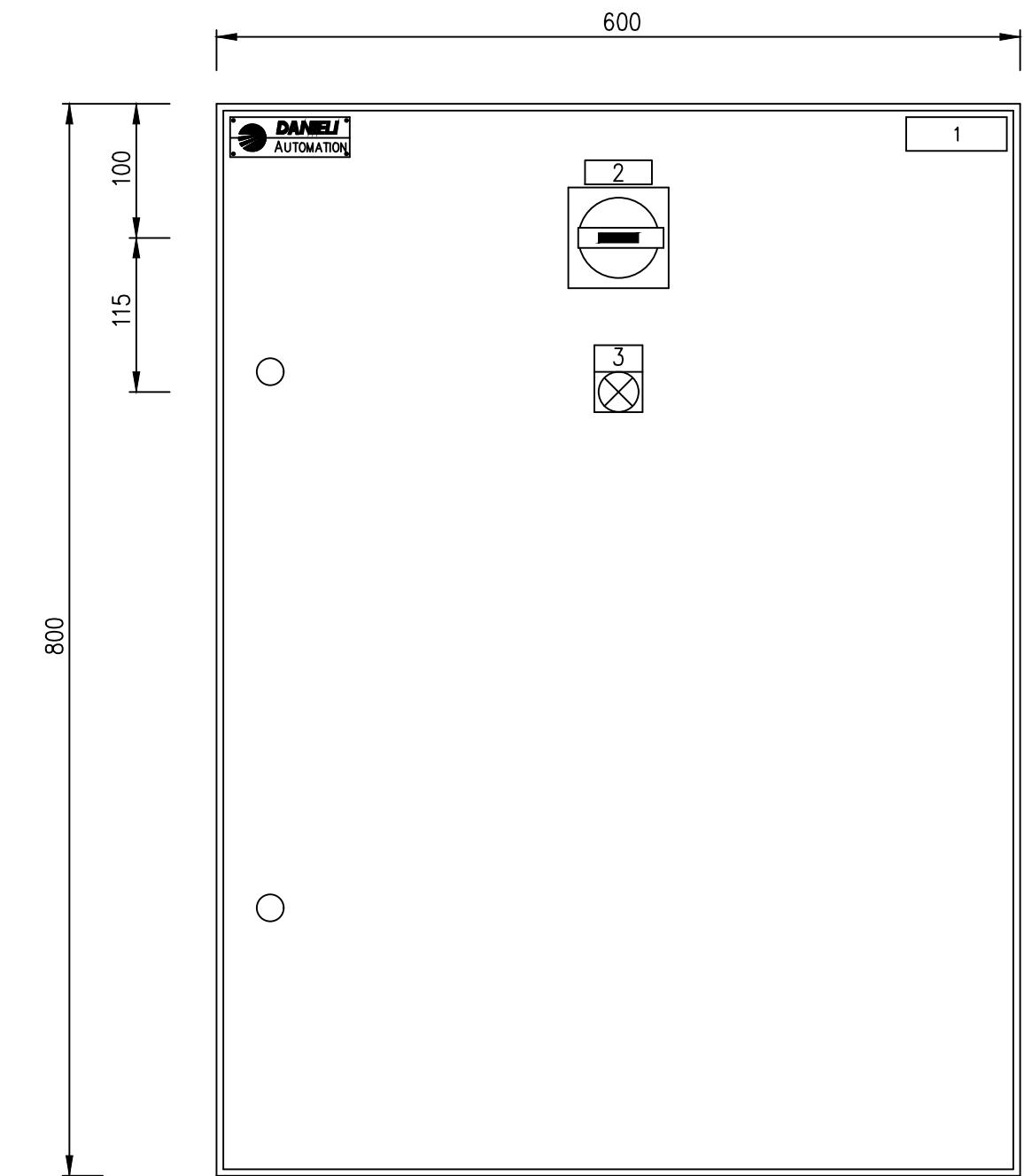
CAJA GUARDAMOTORES
=30BB.Z203

Servicios auxiliares acabadora =30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 43
44 Sigue



ST6-830
600x800x300 mm

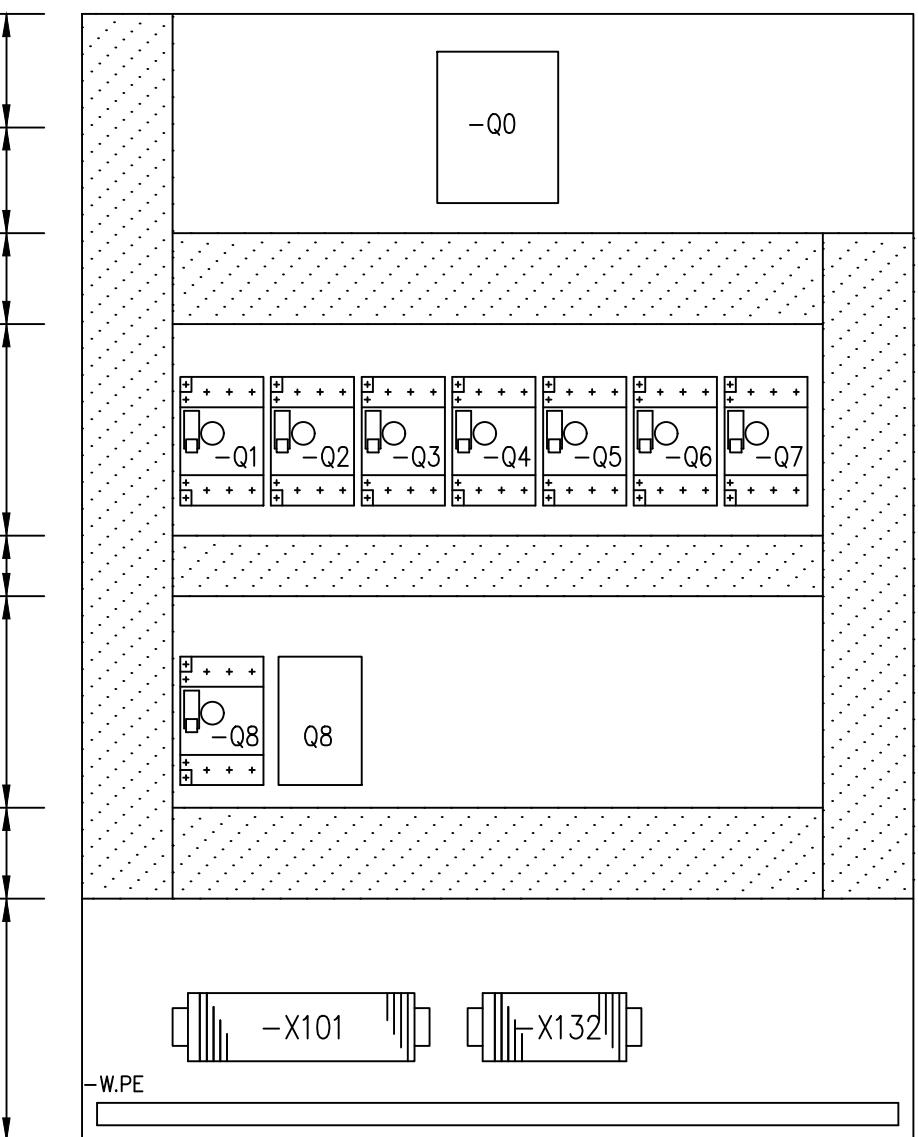
PARTE ANTERIOR



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	18x52 (010)
3		ACTIVACION PROTECCIONES	-H1	COLLARE 122 (007)

VISTA INTERNA



626.16E-008-044-3

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AutoCAD-COMPUTER AIDED DESIGN
3302-D14

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

CAJA GUARDAMOTORES
=30BB.Z204

Servicios auxiliares acabadora
+ =30BB.F02

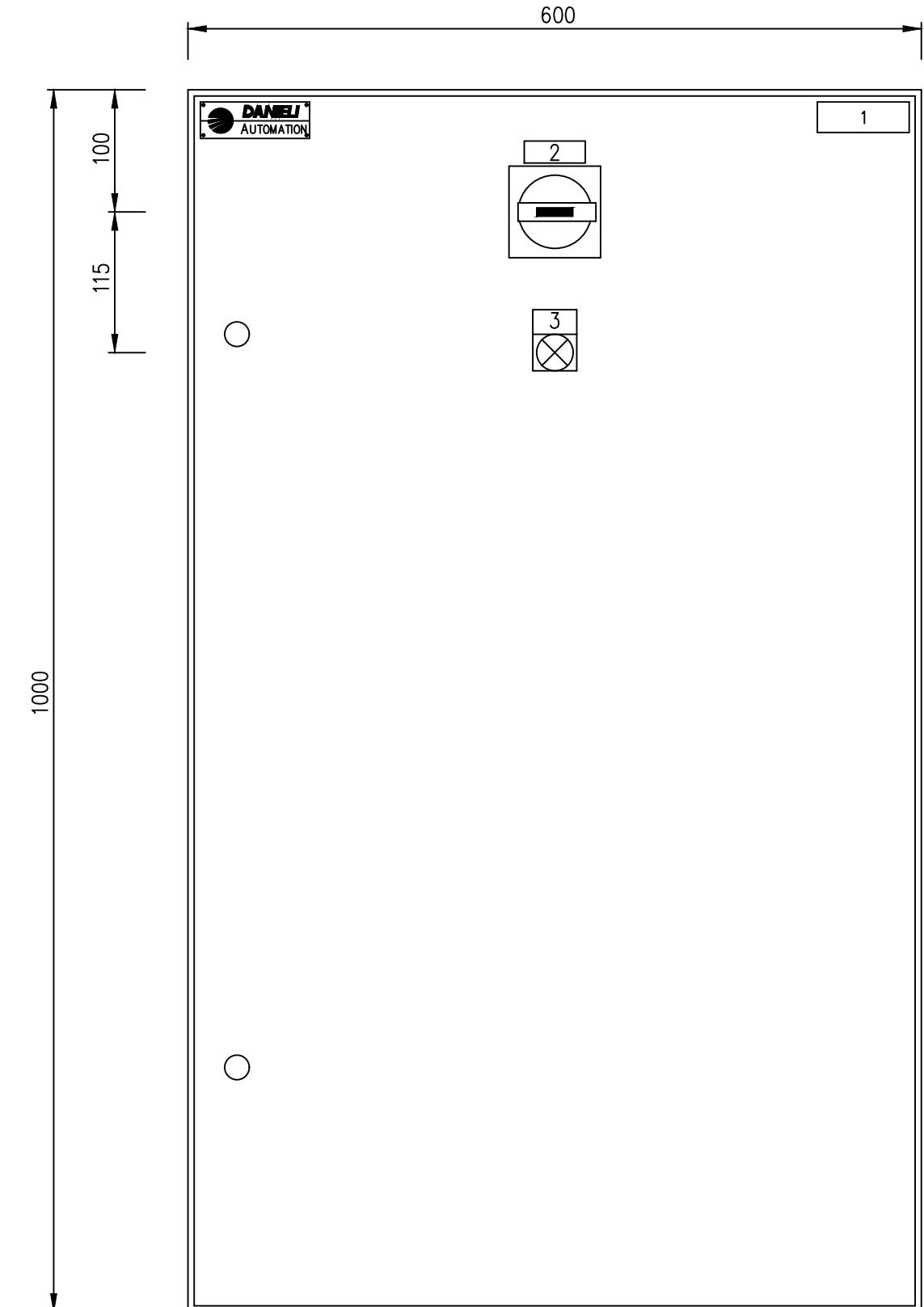
30620 N° 3062-D30-E3302 Hoja 44

45 Sigue

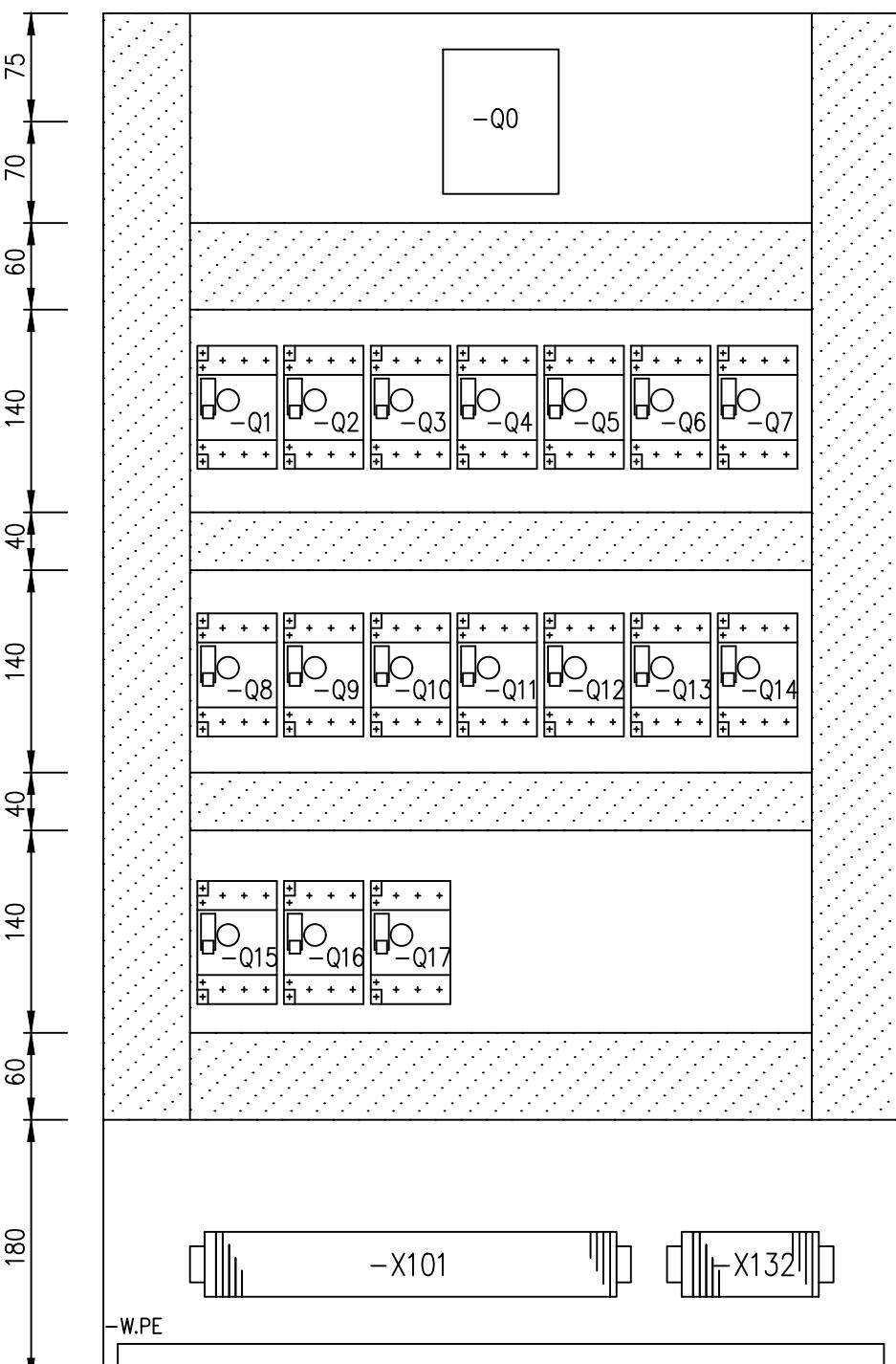
	1	2	3	4	5	6	7	8
A								
B	CERTIFICATION OF THE QUALITY SYSTEM OF THE COMPANIES UNI EN 29001 ISO 9001 Member of CERTIFIED QUALITY SYSTEM			PARTE ANTERIOR	600			
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D	AutoCAD-COMPUTER AIDED DESIGN 3302-D45							
E								
F								

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

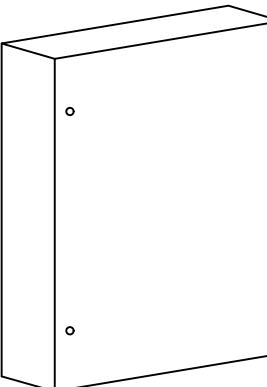


VISTA INTERNA



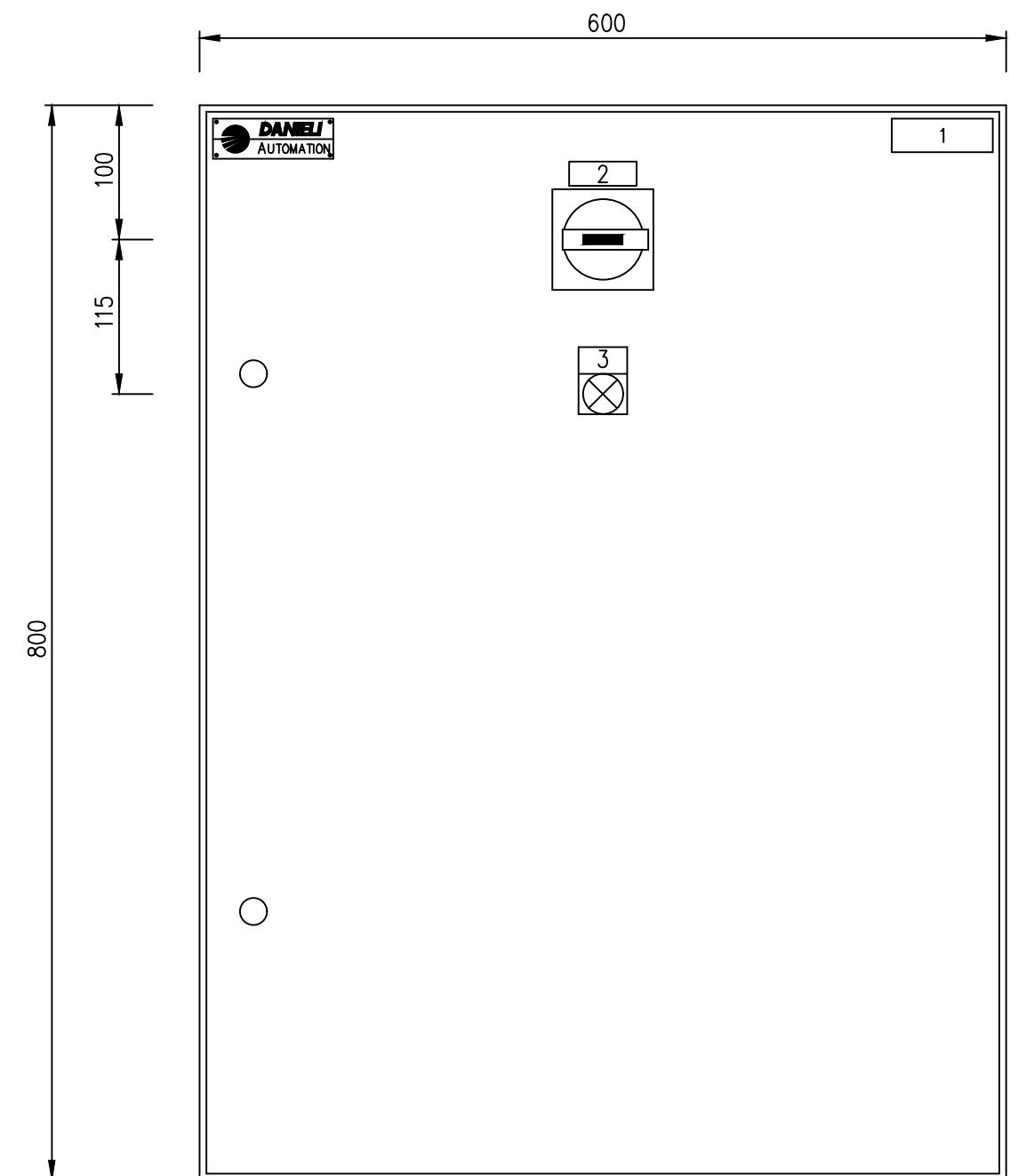
626.16E-008-045-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR		CAJA GUARDAMOTORES =30BB.Z205	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME					N° 3062-D30-E3302	Hoja 45 46 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC					
Obtenido de:			Reemplazo para:		Reemplaz. por:		Descript.	6	7	8
ft. DIN6771/Teil 5	1	2	3	4	5					



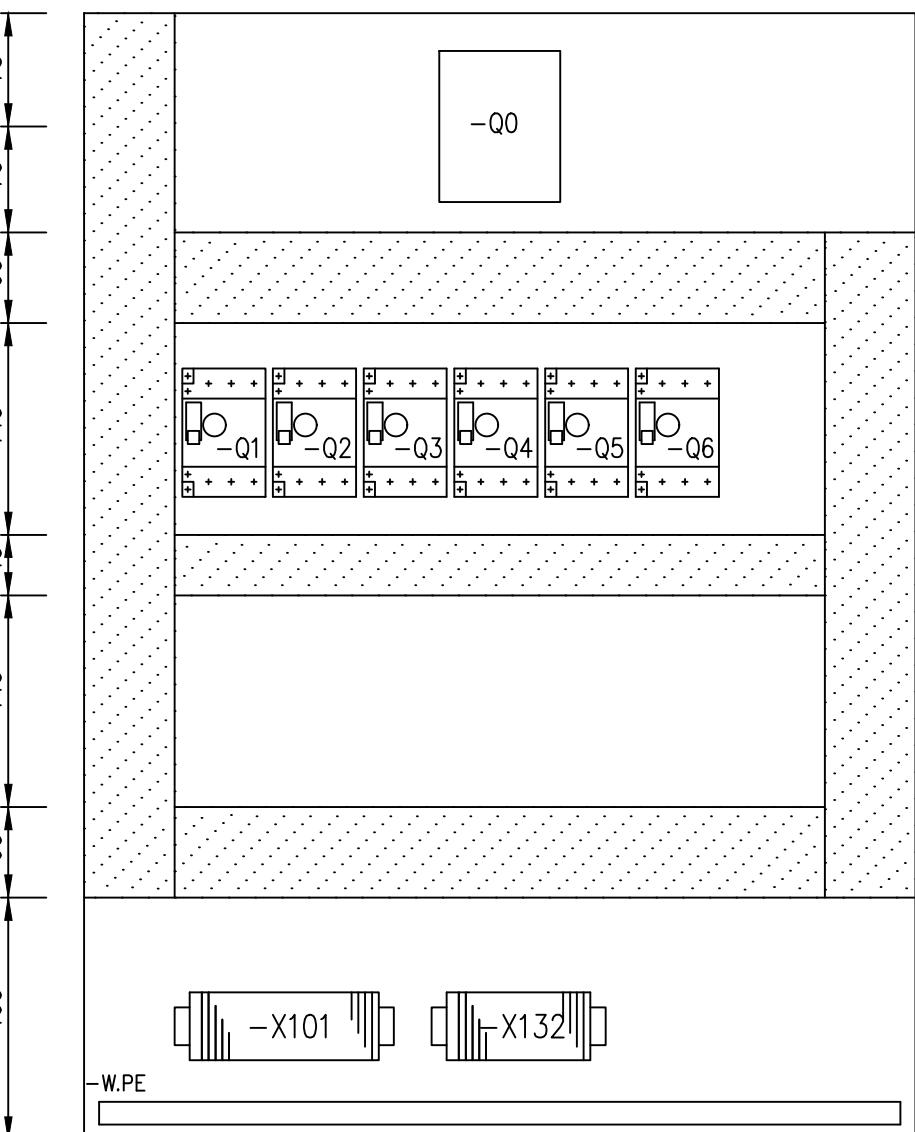
ST6-830
600x800x300 mm

PARTE ANTERIOR



ST6-830
600x800x300 mm

VISTA INTERNA



626.16E-008-047-3

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-D47

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2

1

Modificacion

Fecha

Nombr

Norma

IEC

Obtenido de:

Reemplazo para:

Reemplaz. por:

Descript.

SIPAR

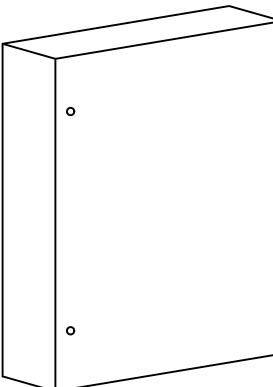
DANIELI AUTOMATION

CAJA GUARDAMOTORES
=30BB.Z207

Servicios auxiliares acabadora
=30BB.F02

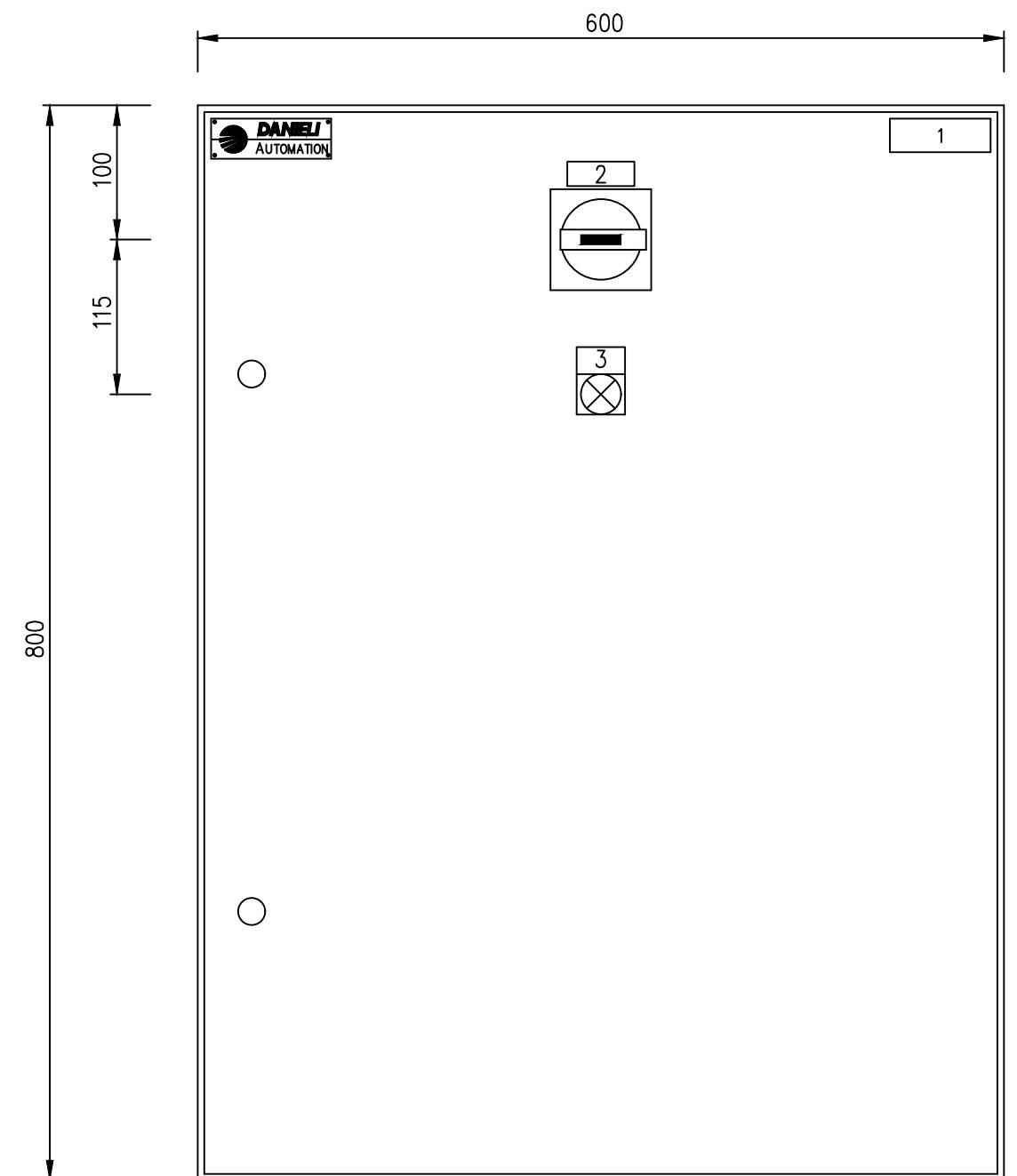
+
30620 N° 3062-D30-E3302

Hoja 47
48 Sigue

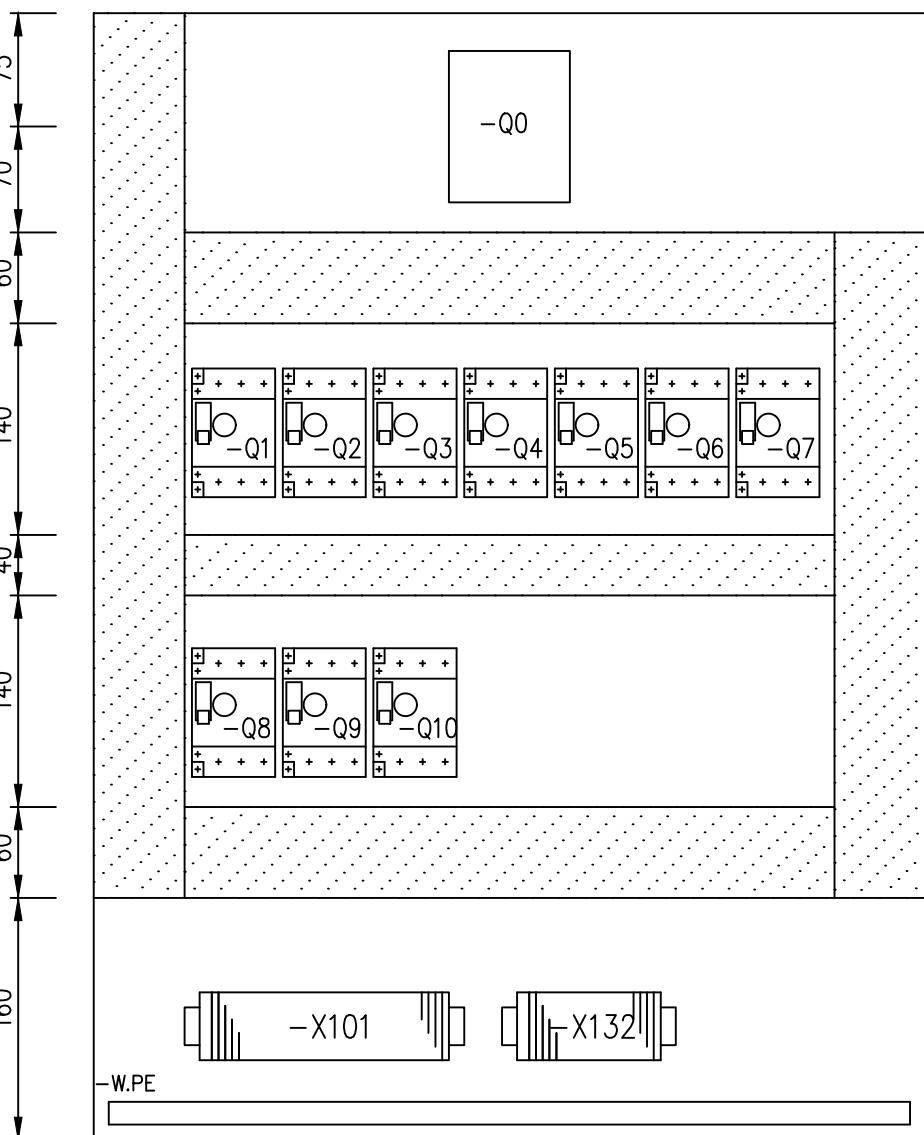


ST6-830
600x800x300 mm

PARTE ANTERIOR



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3.302-D48

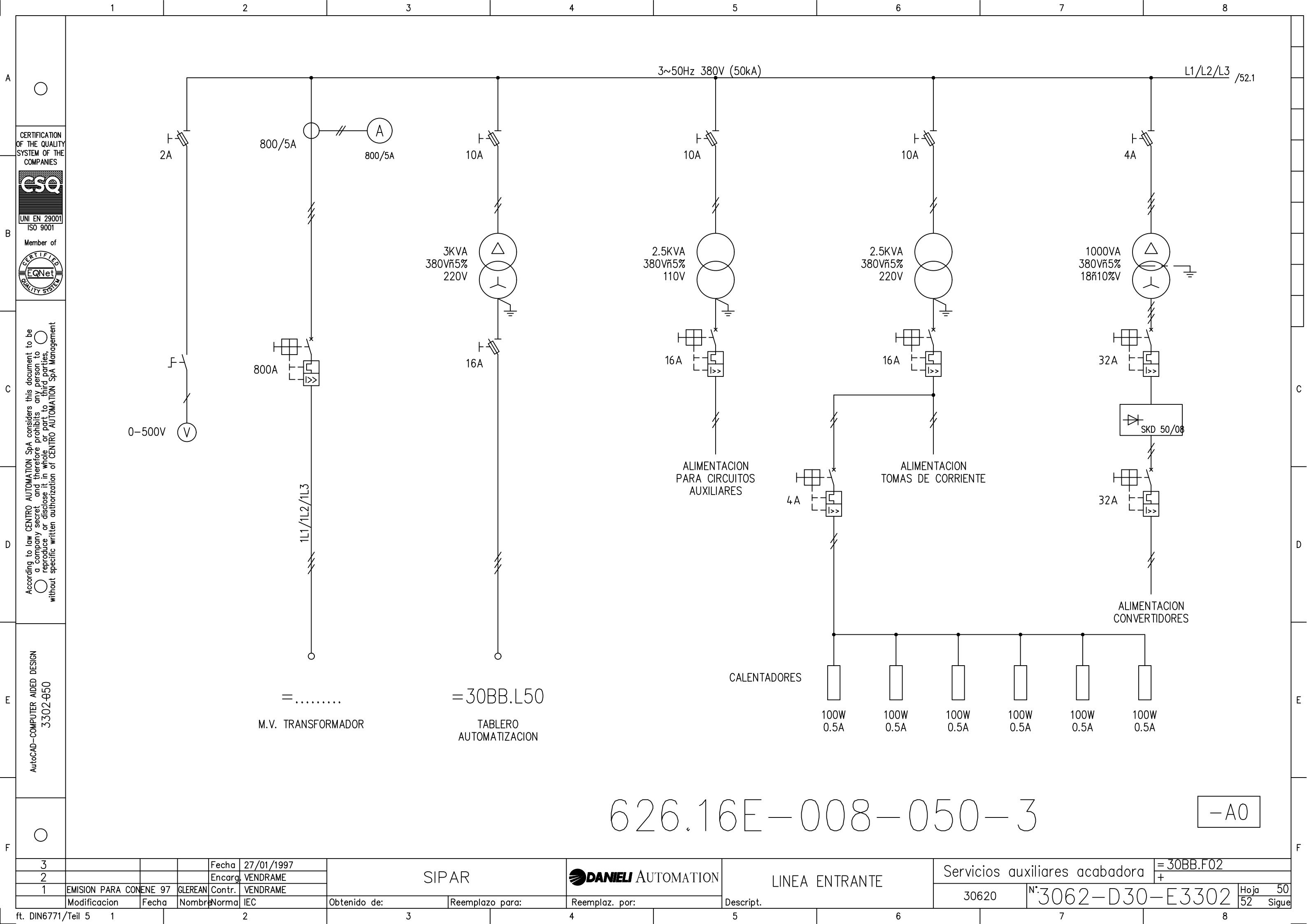
REFER.	DESCRIPCION	CODIGO DE IDENTIFICACION	REFERENCIA AL ESQUEMA	TIPO Y DIMENSION
1	=30BB.Z208	CAMINO DE RODILLOS CON ROLOS LOCOS VERT. SECT. 2		26x74 (010)
2		LLEGADA LINEA 3 ~ 50Hz 380V	-Q1	18x52 (010)
3		ACTIVACION PROTECCIONES	-H1	COLLARE 122 (007)

3		Fecha	27/01/1997					=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:

SIPAR **DANIELI** AUTOMATION

CAJA GUARDAMOTORES
=30BB.Z208

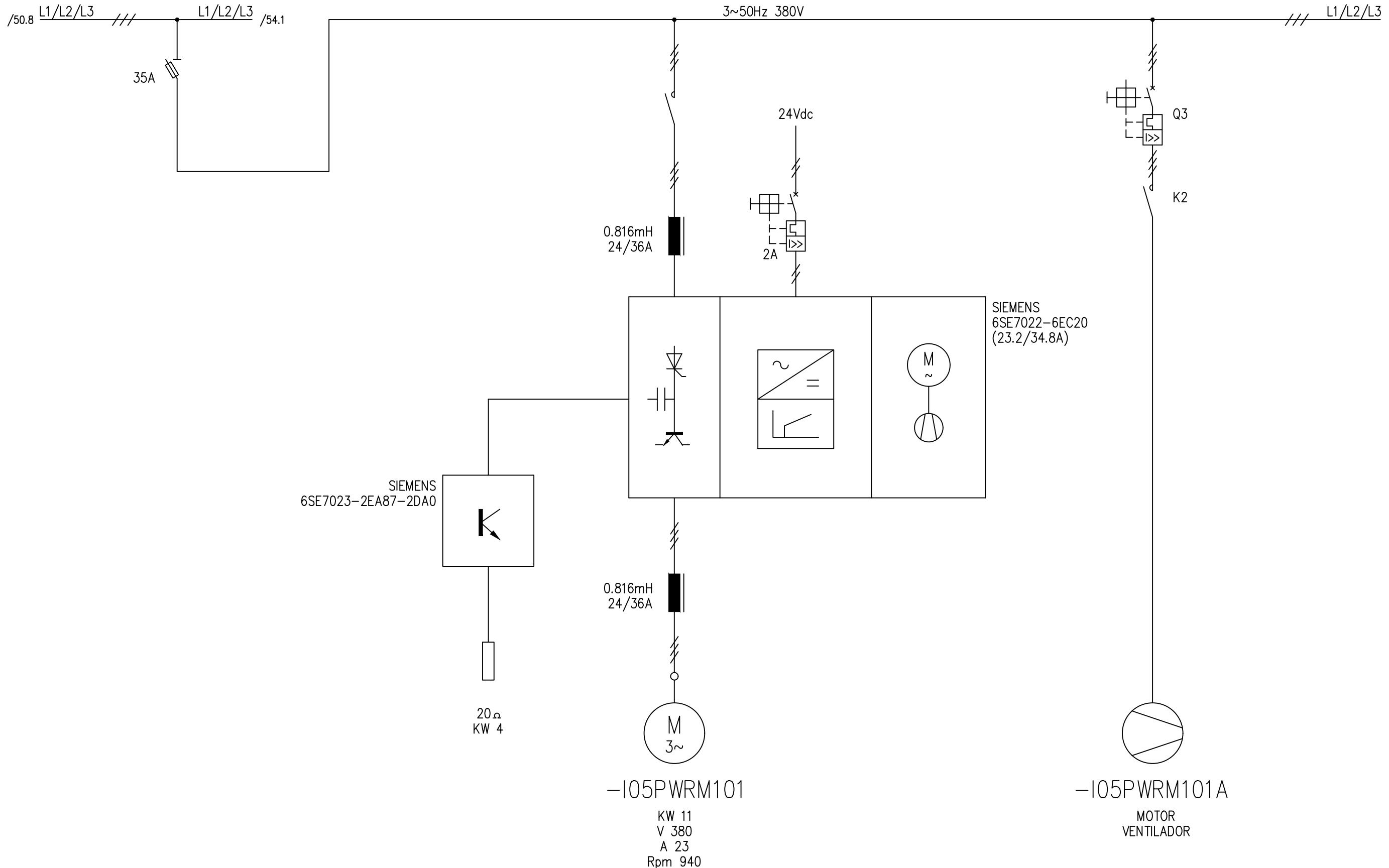
Servicios auxiliares acabadora
30620 N° 3062-D30-E3302 Hoja 48
50 Sigue



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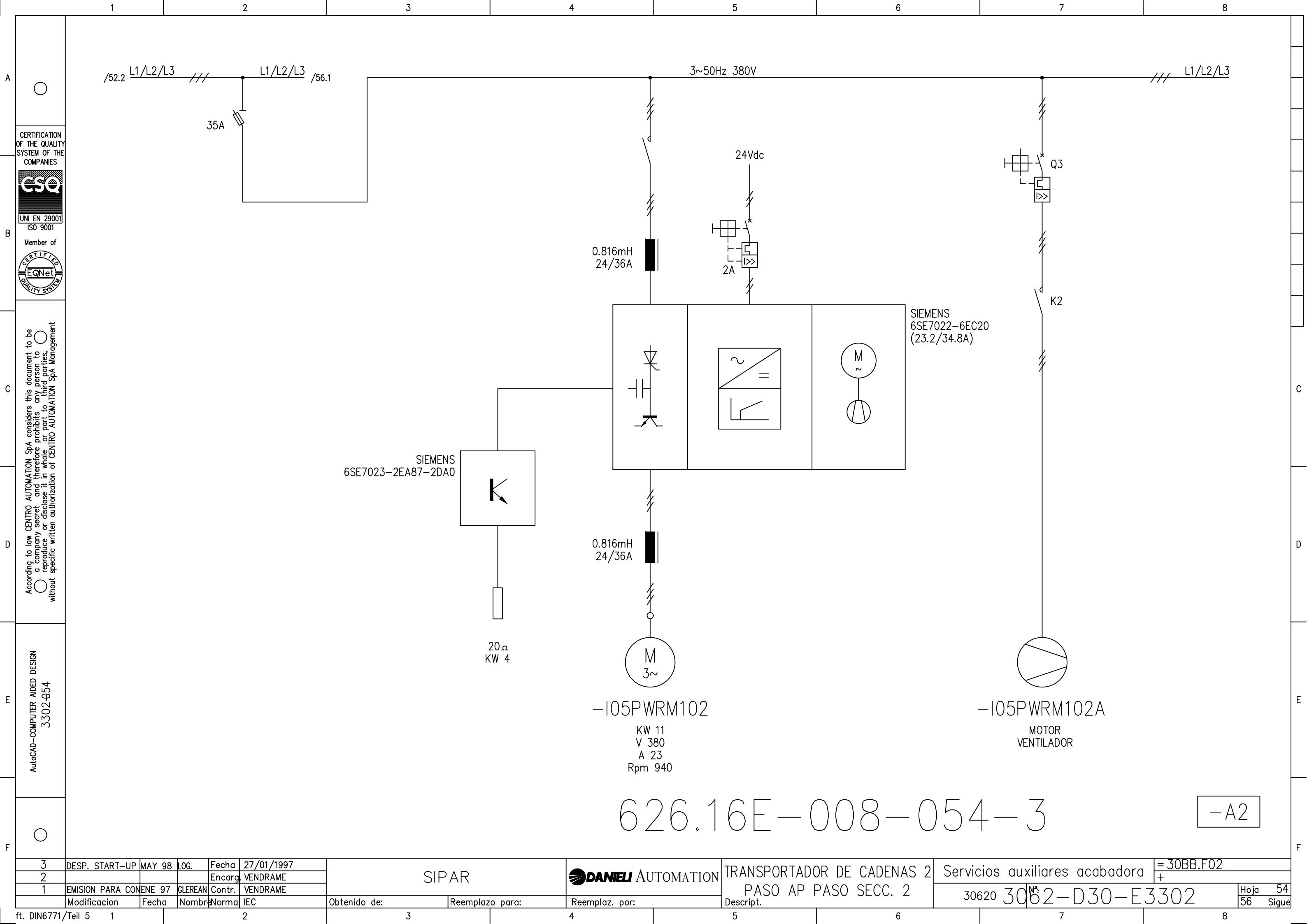
C ○
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626.16E-008-052-3

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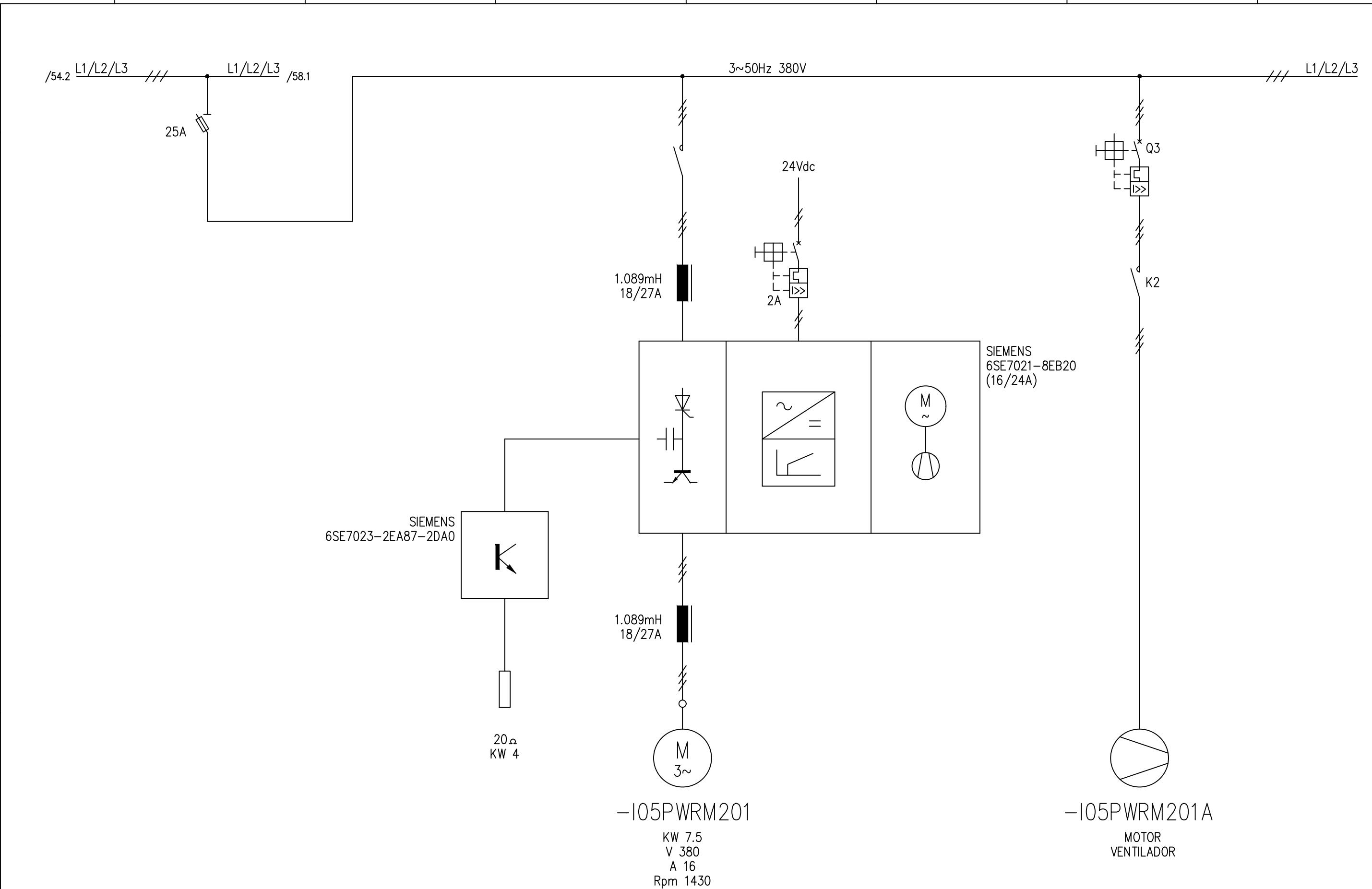
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2			Encarg.	VENDRAME	PASO A PASO SECC. 1				+	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	Descript.			30620	Nº 3062-D30-E3302	
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		Hoja 52
										54 Sigue



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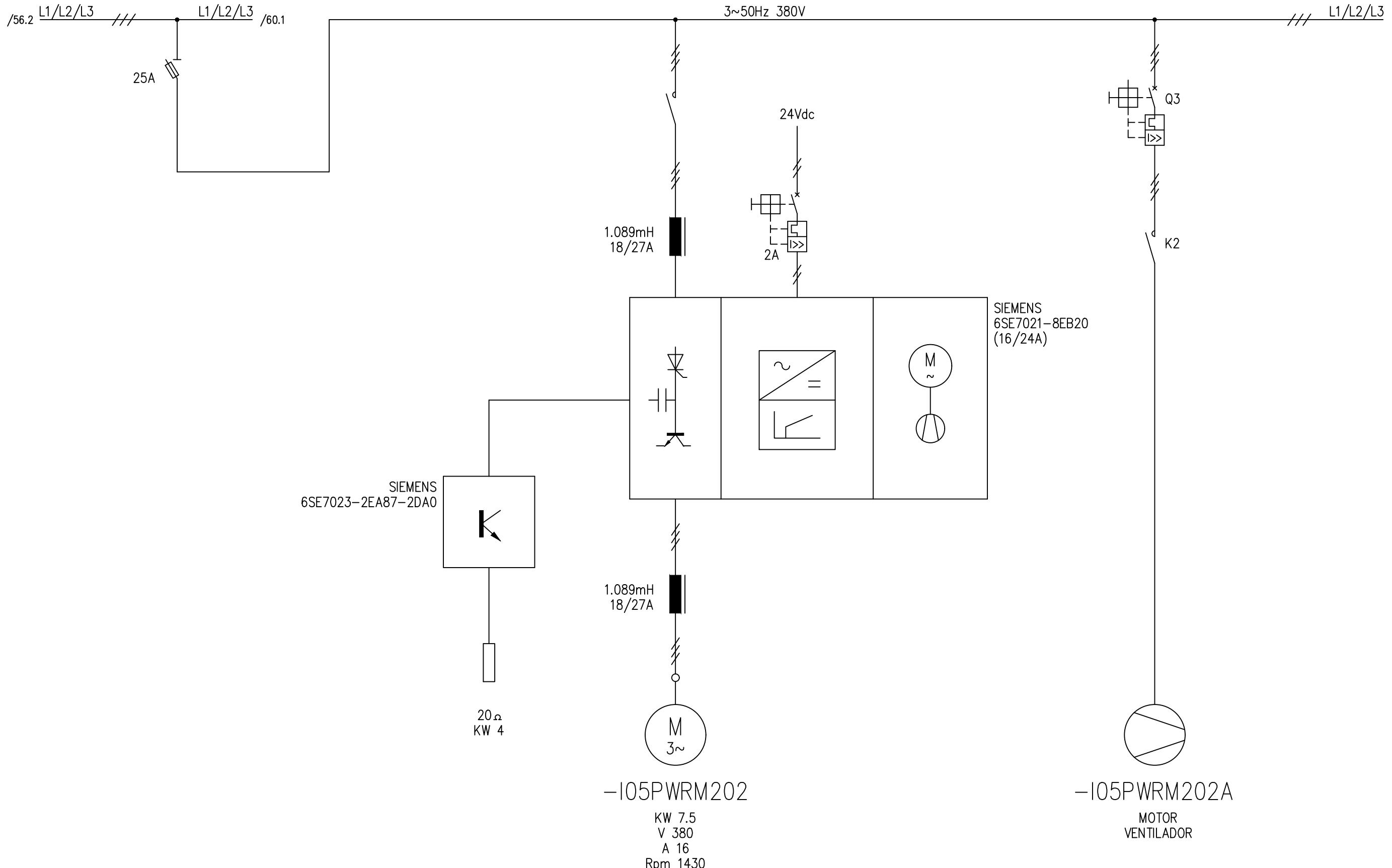
-A3

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				+56	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	3062-D30-E3302
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	Hoja 56	
									58	Sigue

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 3.302-058



626.16E-008-058-3

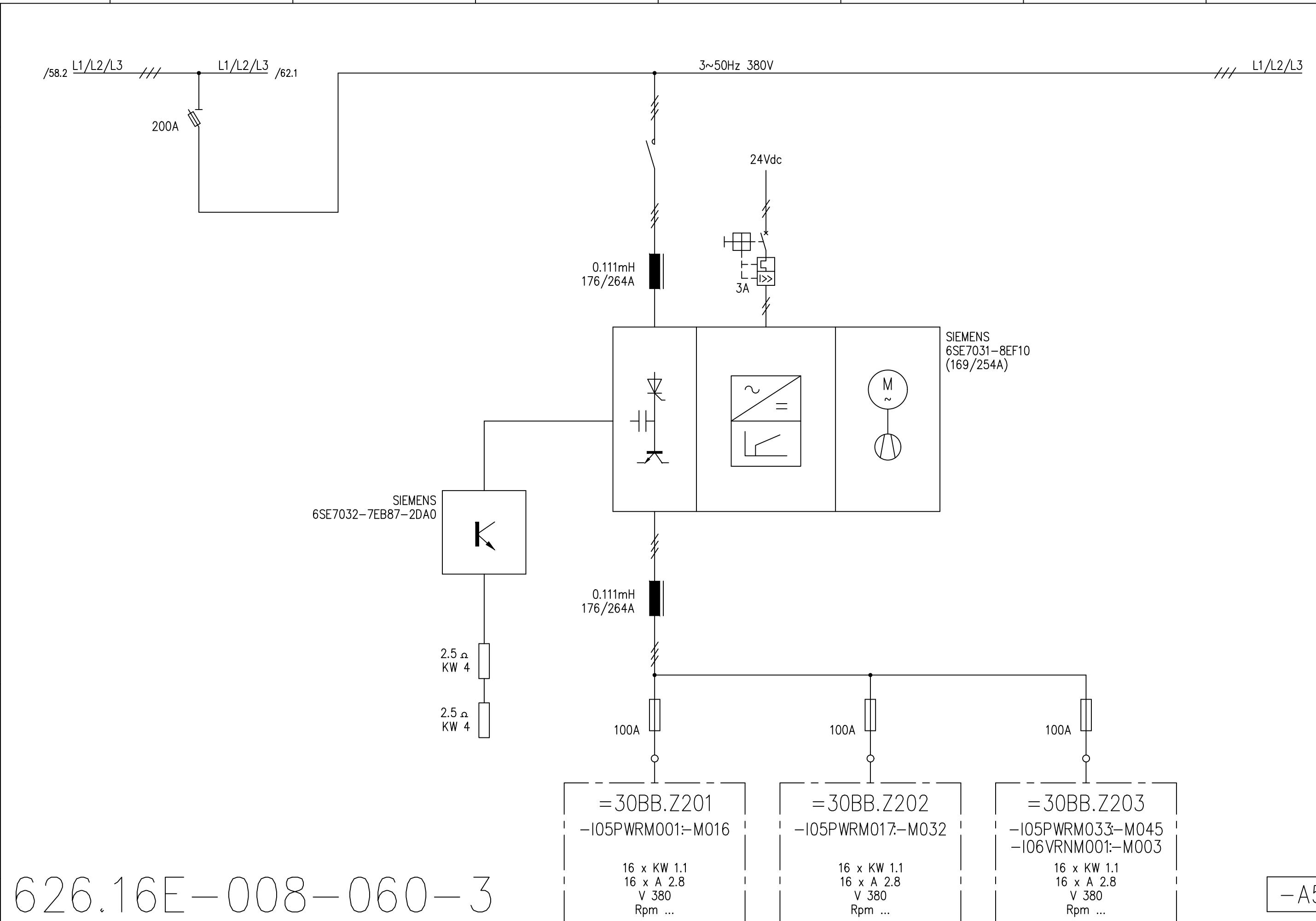
-A4

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 58/60 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		



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AutoCAD-COMPUTER AIDED DESIGN
3.302-060



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	GLEREAN	Contr.	VENDRAME						
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Nº 3062-D30-E3302 Hoja 60
ft. DIN6771/Teil 5	1				3	4	5	6	7	8

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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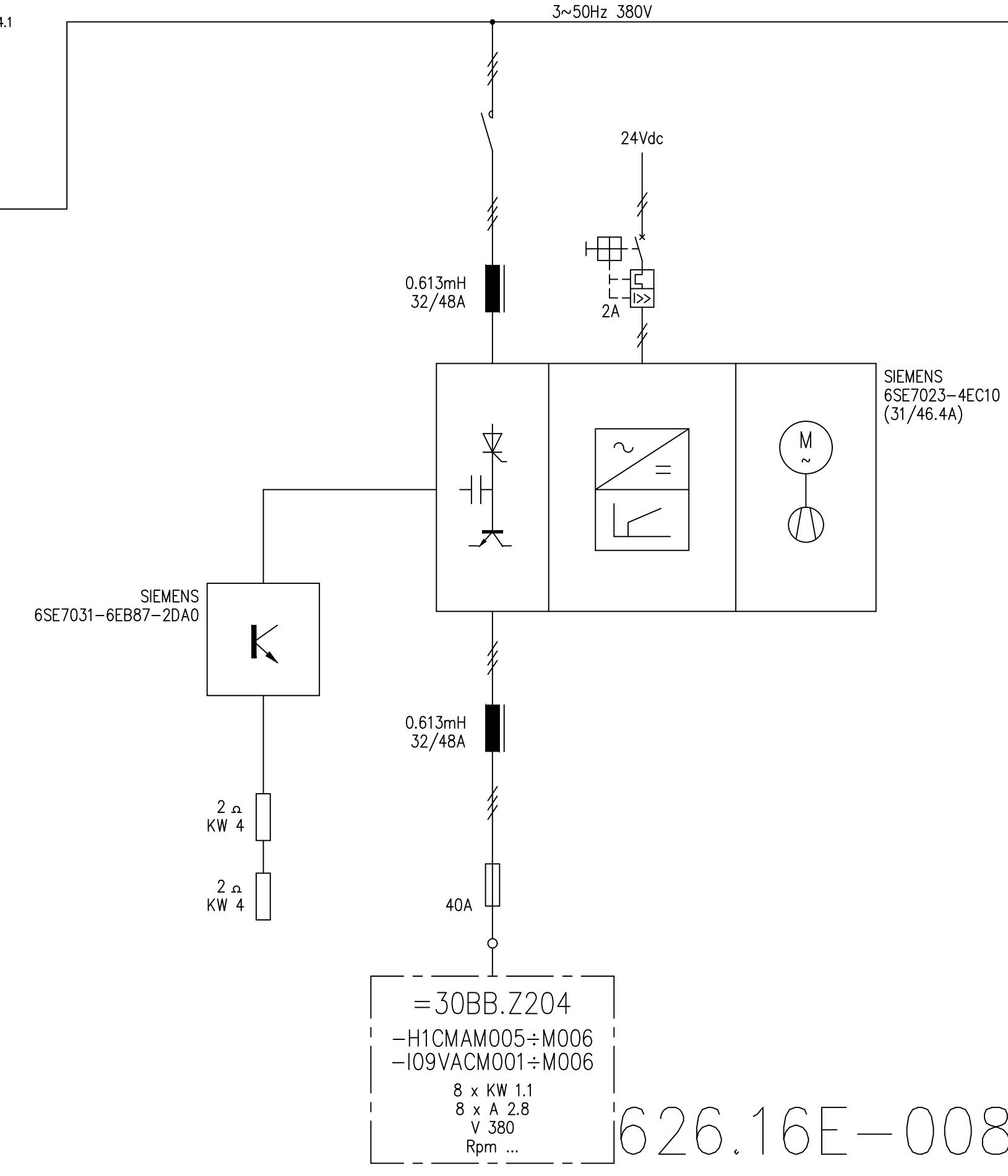


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AutoCAD-COMPUTER AIDED DESIGN
3.302-062



626.16E-008-062-3

-A6

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTRATOS (A LA SALIDA CMA SECT. 1)	Servicios auxiliares acabadora	=30BB.F02
2			Encarg.		VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					3062-D30-E3302	Hoja 62 64 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		

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QUALITY SYSTEM

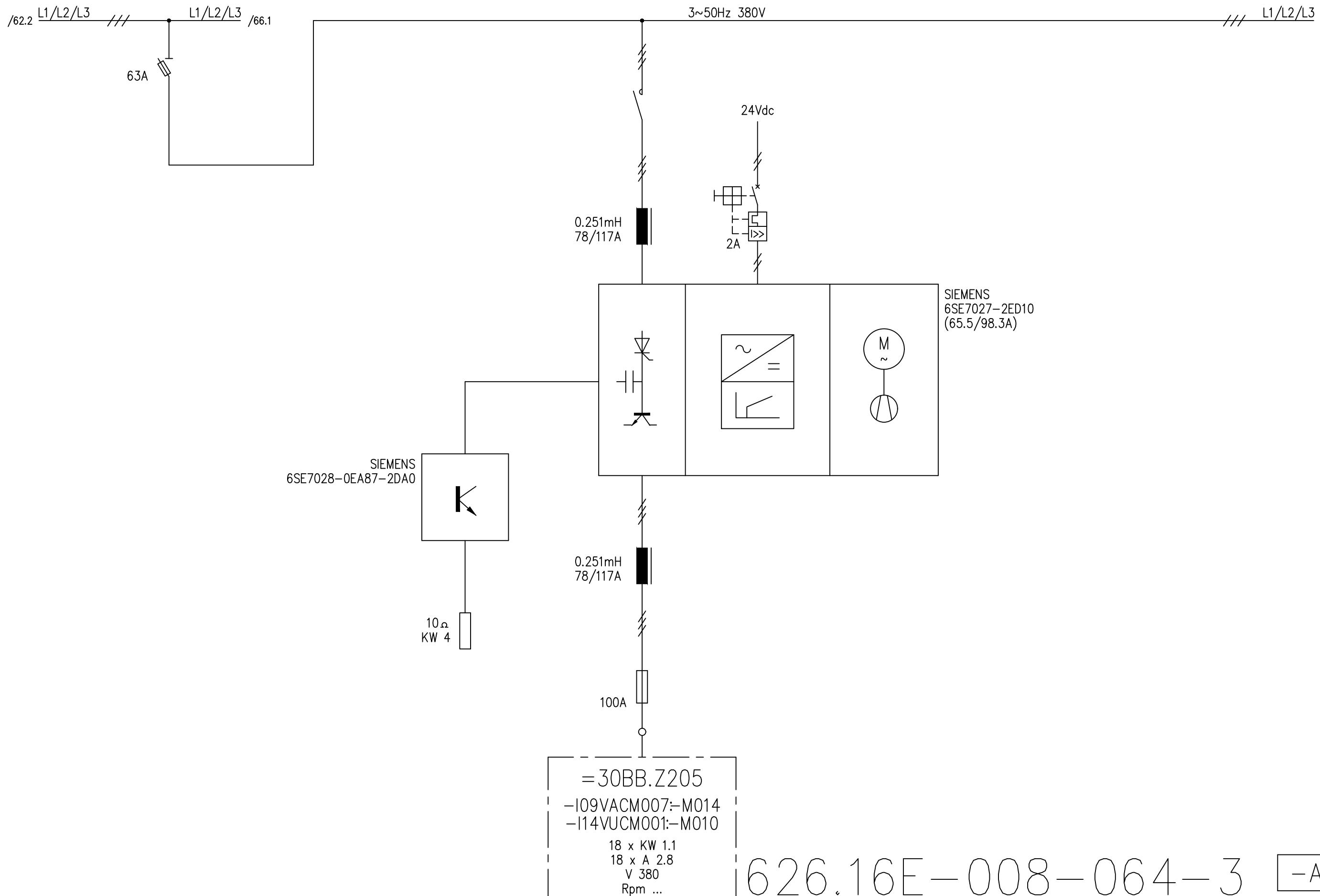
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 AutoCAD-COMPUTER AIDED DESIGN
 3302-D64

D ○

E ○

F ○



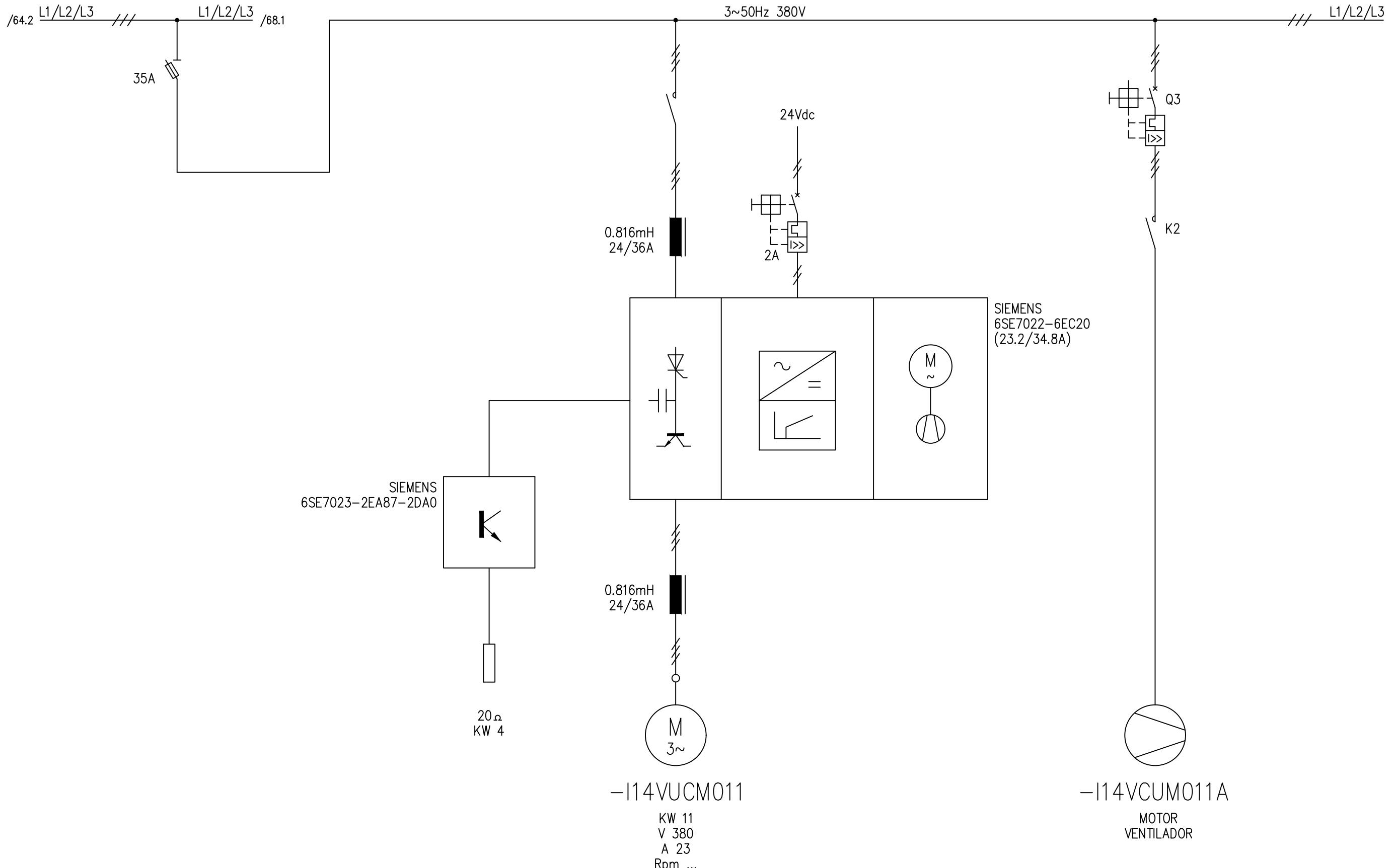
SIPAR

DANIELI AUTOMATION
 CAMINO DE RODILLOS PARA ESTRATOS
 (A LA SALIDA CMA SECT. 2)
 Descript.

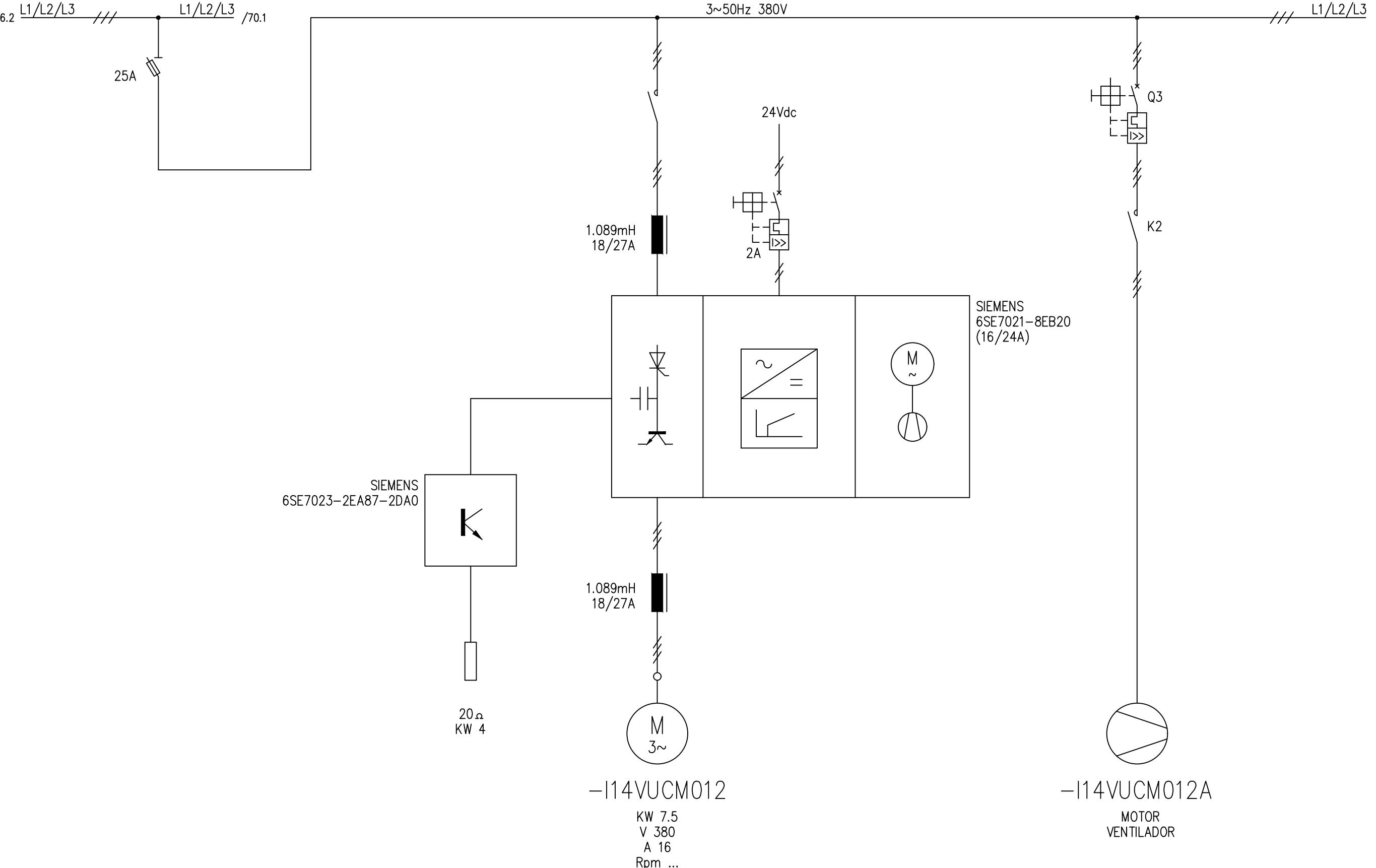
 Servicios auxiliares acabadora =30BB.F02
 +
 30620 N° 3062-D30-E3302 Hoja 64
 66 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTRATOS (A LA SALIDA CMA SECT. 2)	Servicios auxiliares acabadora =30BB.F02 + 30620 N° 3062-D30-E3302
2	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					
1	Modificacion	Fecha	Nombre	Norma	IEC				
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8	

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 AutoCAD-COMPUTER AIDED DESIGN
 3.302-066
 D ○
 E ○
 F ○



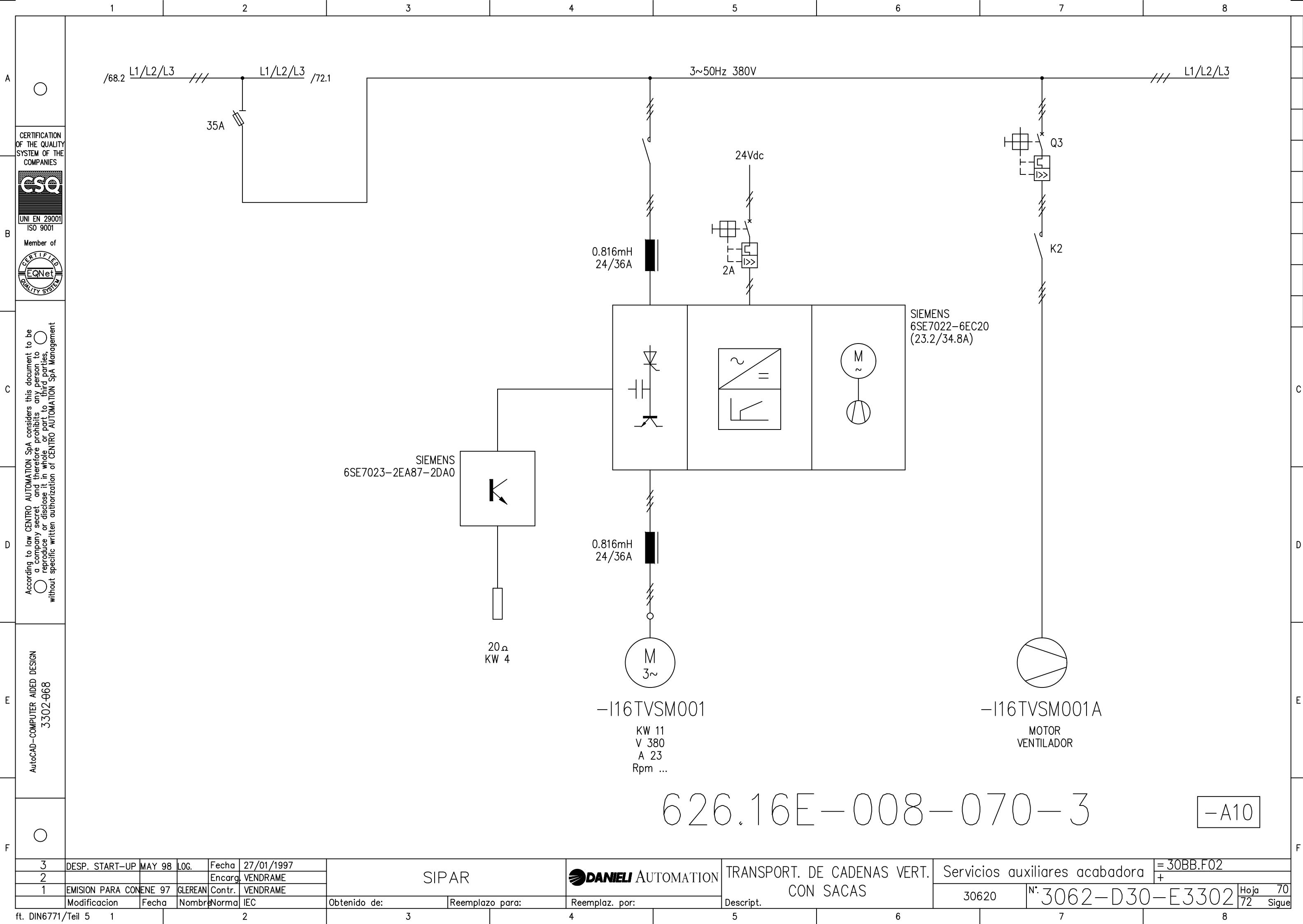
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2				Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 66
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	68 Sigue

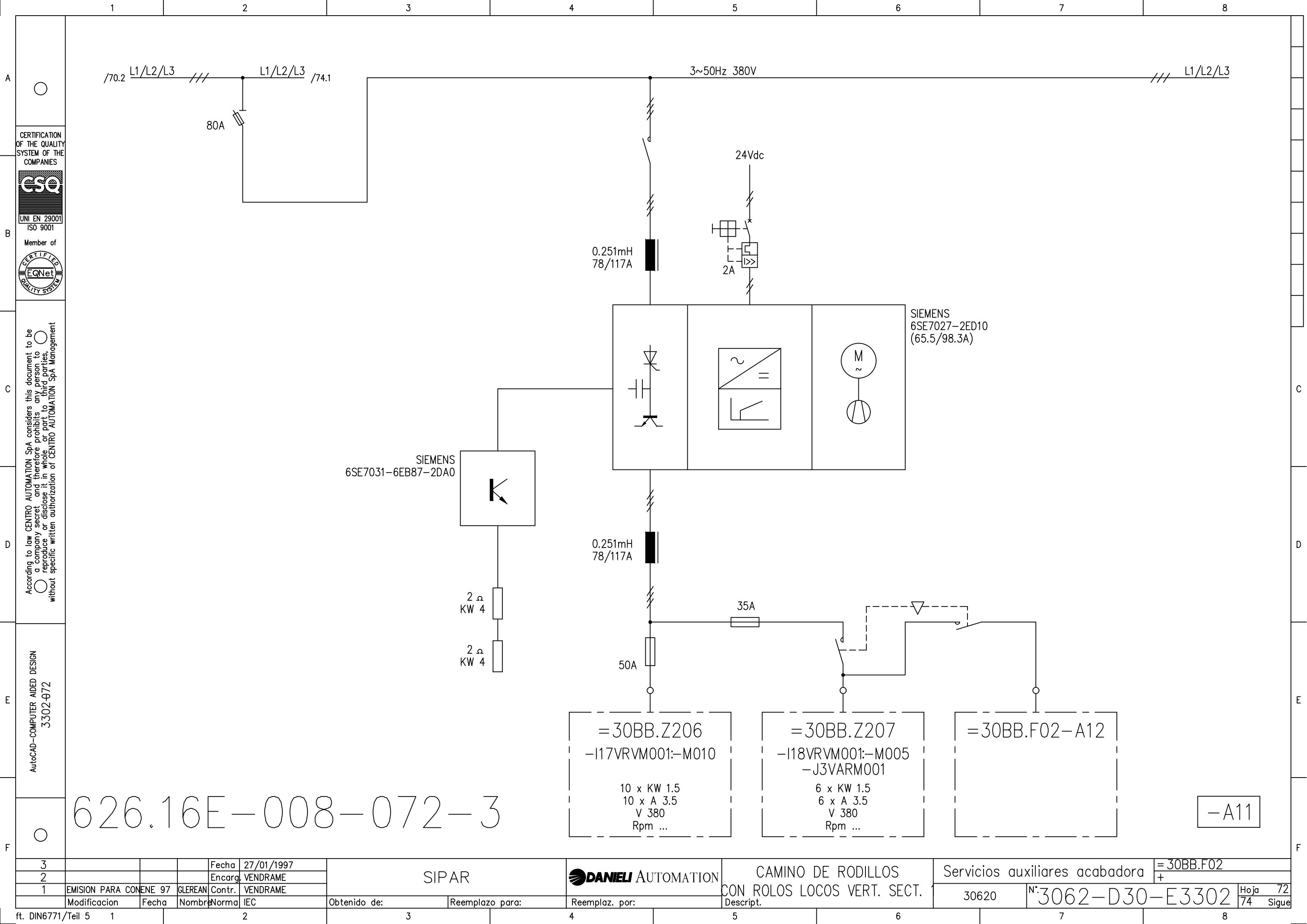


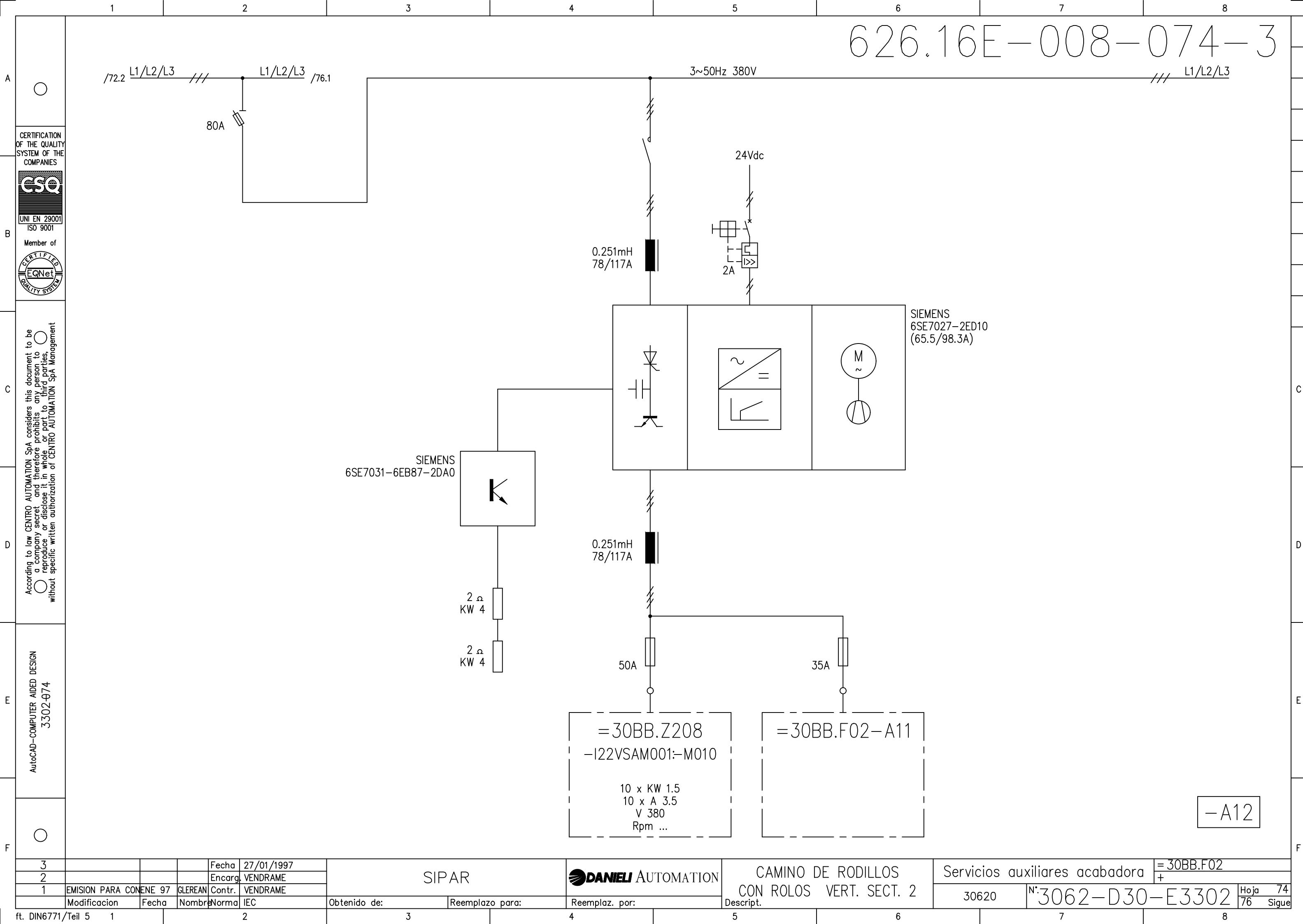
626.16E-008-068-3

-A9

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITO DE EXTRACCION A LA SALIDA CIZALLA	Servicios auxiliares acabadora	= 30BB.F02
2			Encarg.	VENDRAME	+ 30620					
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME	Nº: 3062-D30-E3302				Hoja 68	
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	70 Sigue
ft. DIN6771/Teil 5	1					3	4	5	6	8







1 2 3 4 5 6 7 8

CERTIFICATION
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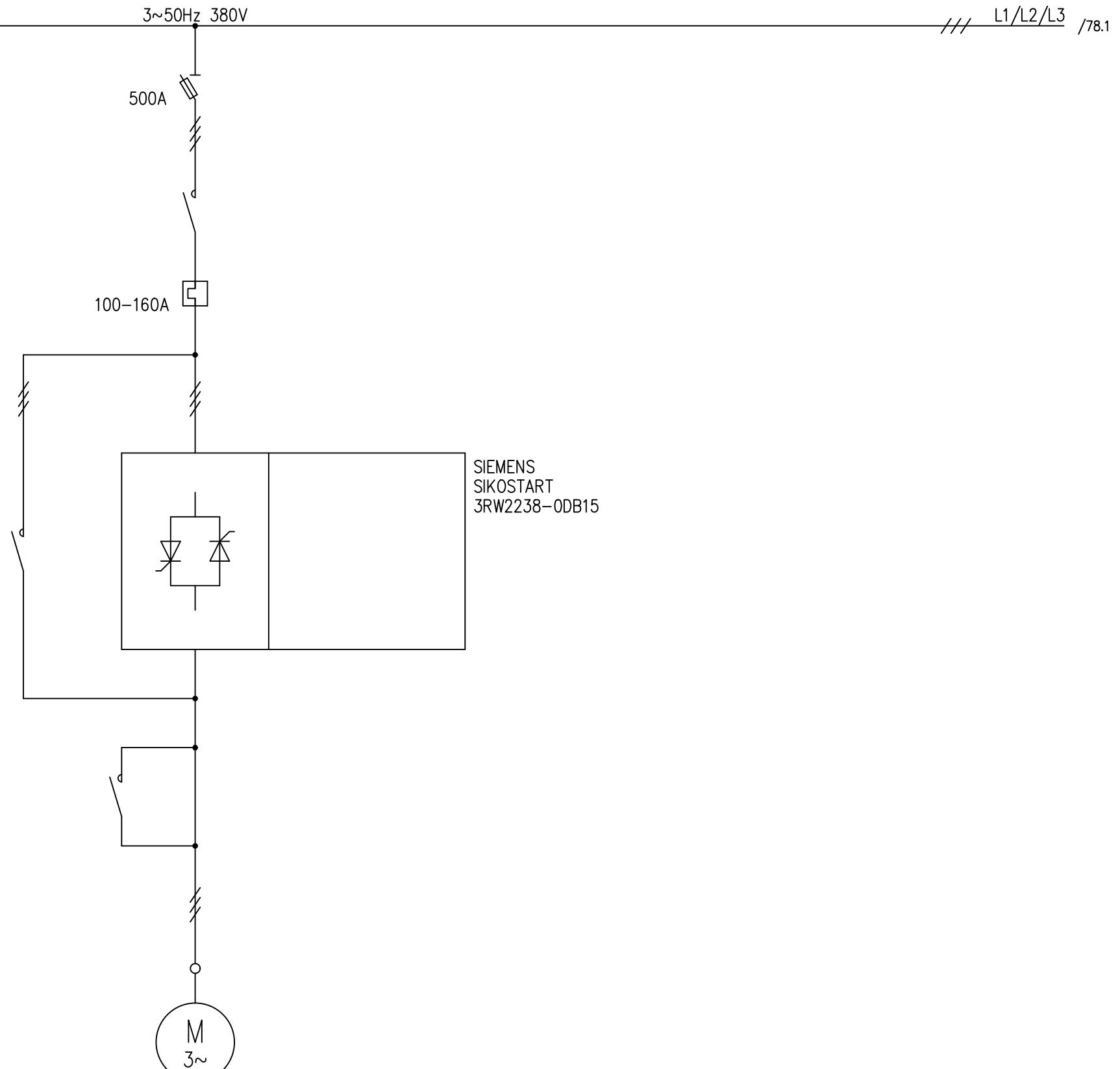
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AutoCAD-COMPUTER AIDED DESIGN
3.302-D76



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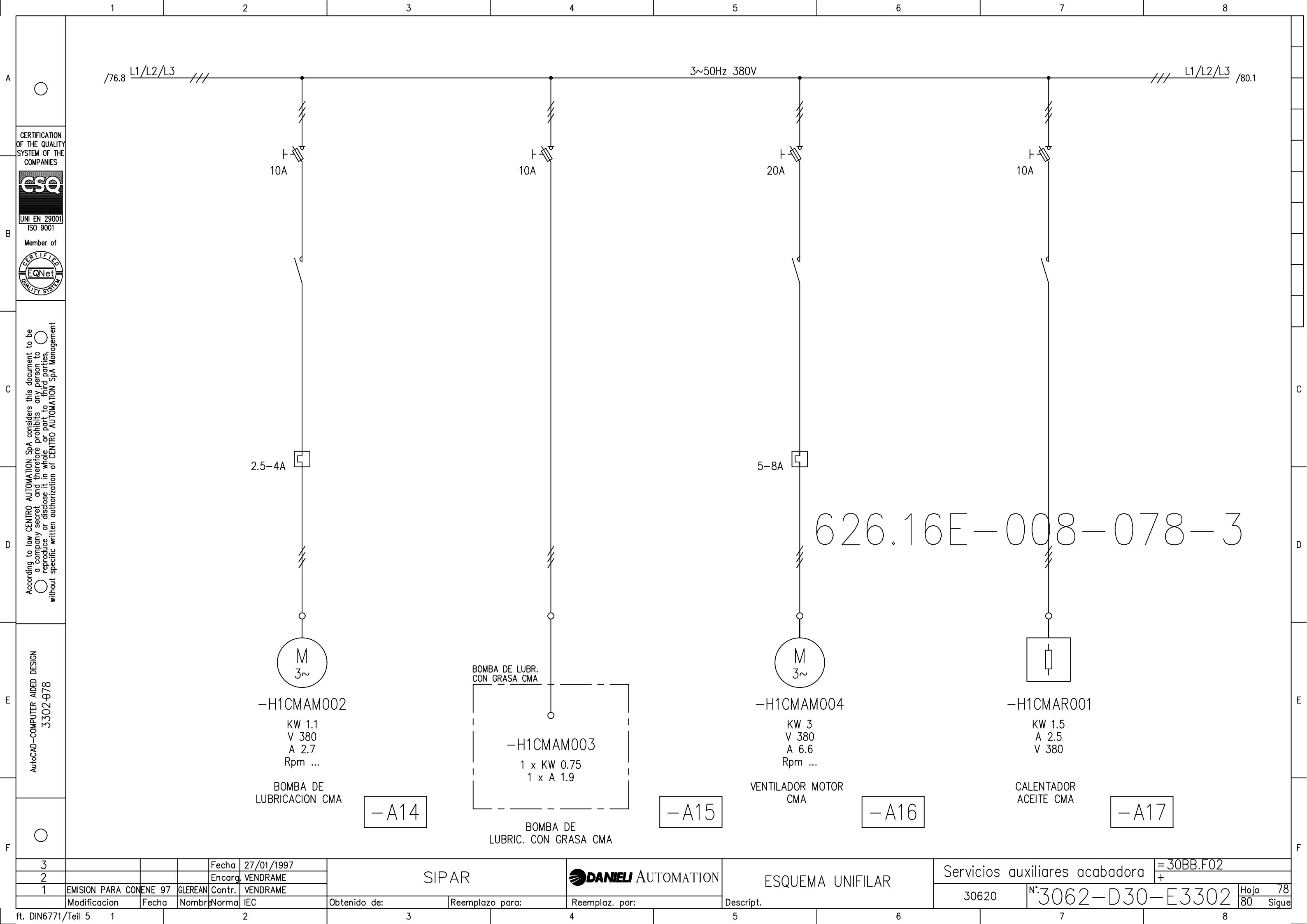
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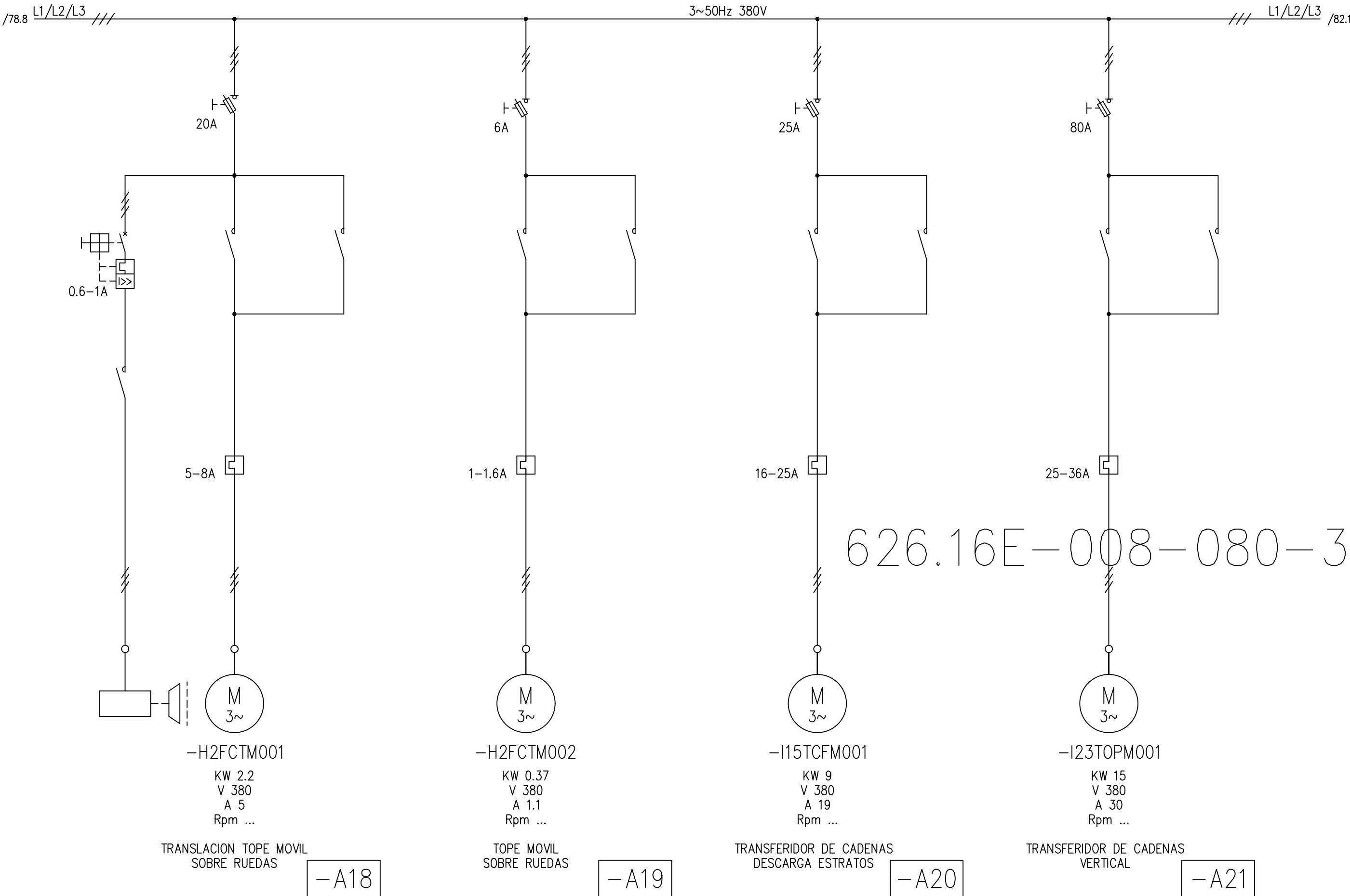
-A13

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CIZALLA FRIA CMA	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 76 78 Sigue

1 2 3 4 5 6 7 8



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 D ○
 E AutoCAD-COMPUTER AIDED DESIGN 3.302-080
 F ○



SIPAR

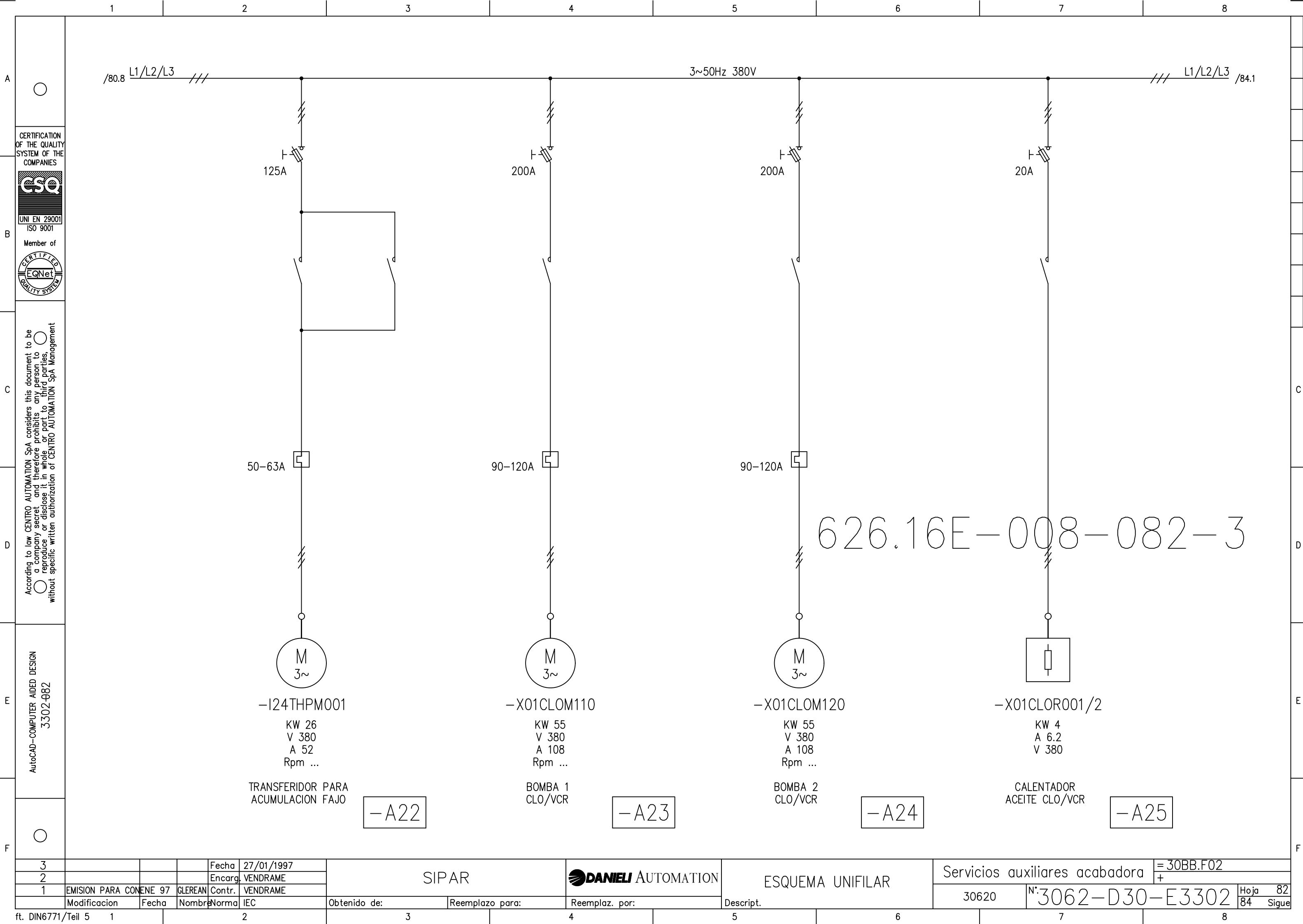
DANIELI AUTOMATION

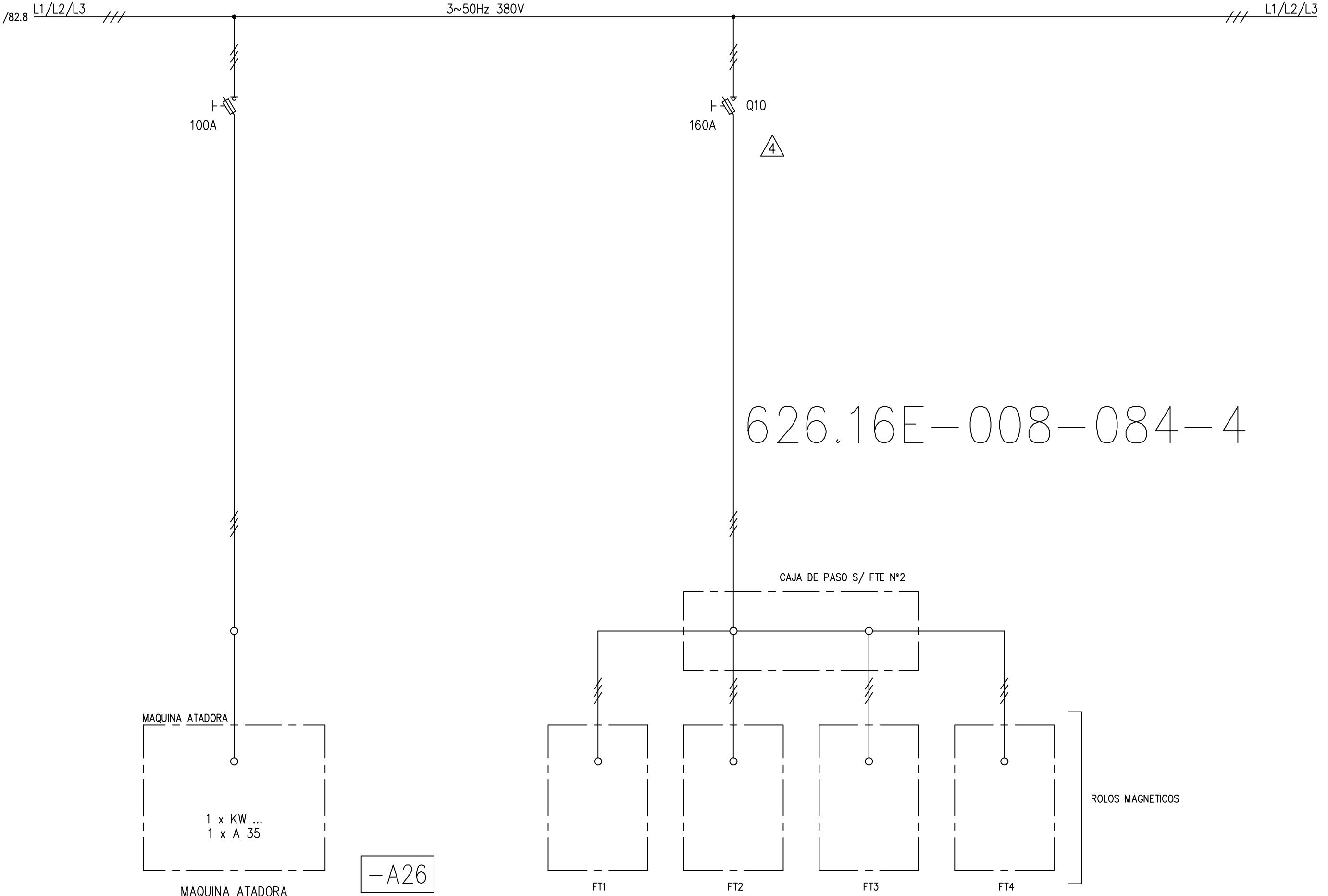
ESQUEMA UNIFILAR

Servicios auxiliares acabadora = 30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 80

82 Sigue





AutoCAD-COMPUTER AIDED DESIGN
3.3302.078

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4

INSTALACION ROLOS MAG.

10/10/2004

3 Fech 27/01/1997

2 Encarg VENDRAME

1 EMISION PARA CONENE 97 GLEREAN Contr. VENDRAME

Modificacion Fecha Nombre Norma IEC

Obtenido de:

Reemplazo para:

Reemplaz. por:

Descript.

Servicios auxiliares acabadora

= 30BB.F02

+

30620 N. 3062-D30-E3302

Hoja 84

90 Sigue

ft. DIN6771/Teil 5 1 2 3 4 5 6 7 8

-A26

MAQUINA ATADORA

1 x KW ...
1 x A 35

DANIELI AUTOMATION

ESQUEMA UNIFILAR

Servicios auxiliares acabadora = 30BB.F02

+ 30620 N. 3062-D30-E3302

Hoja 84

90 Sigue

A

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ISO 9001

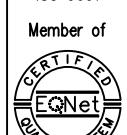
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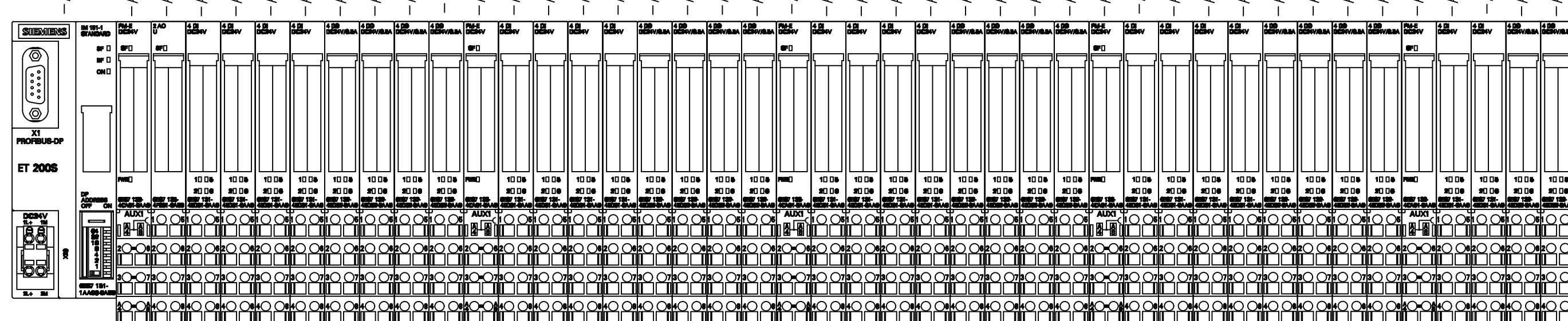
1 2 3 4 5 6 7 8

B



-A101 /134.2
 -A102 /134.3
 -A103 /134.4
 -A104 /134.5
 -A105 /134.6
 -A106 /134.7
 -A107 /134.1
 -A108 /134.2
 -A109 /134.3
 -A110 /134.4
 -A111 /134.2
 -A112 /152.3
 -A113 /152.3
 -A114 /152.4
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 -A136 /192.4
 -A137 /192.5
 -A138 /192.6
 -A139 /401.2
 -A140 /401.3
 -A141 /401.4
 -A142 /401.3
 -A143 /401.4

C



D

trasportador de cadenas N° 2 trasportador de cadenas 1 trasportador de cadenas N° 2 carritos extraccion estratos N° 1 carritos extraccion estratos N° 2 Bombo 1 cLo / VCR

A103 → PW248 → ref. velocidad

E

DISPOSICIÓN DE ZÓCALOS:

6ES7193-4CD20-0AA0 (BLANCOS) DE ALIMENTACIÓN
6ES7193-4CB20-0AA0 (NEGROS) DE DISTRIBUCIÓNORDEN:
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 9 x N
 1 x BL
 8 x N
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 1 x BL
 8 x N
 1 x BL
 4 x N

F

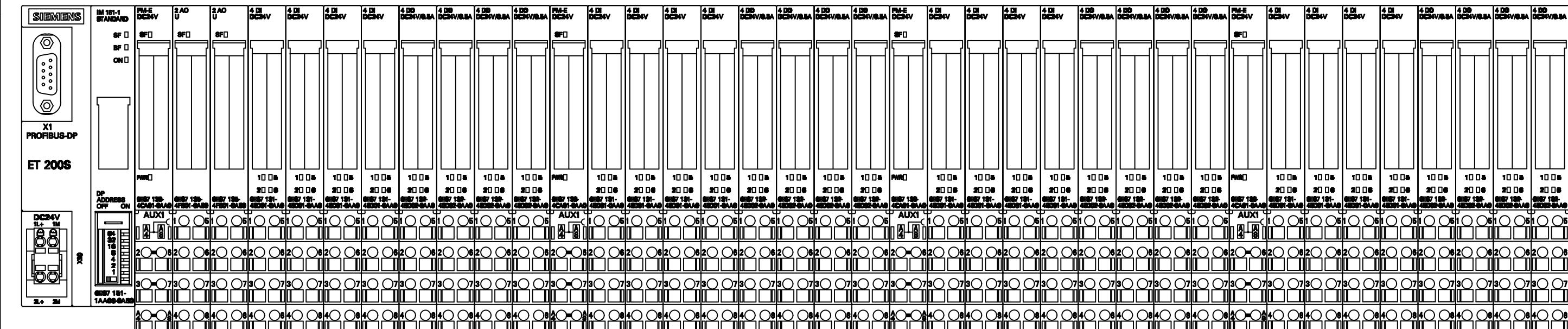
626.16E-008-090-4

-A91

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4	REVAMPING COTIZ	11.05.20	EPROC	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	Hoja 90 92 Sigue

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	DANIELI AUTOMATION	DISPOSICION TARJETAS EN EL RACK	Servicios auxiliares acabadora = 30BB.F02
3 DESP. START-UP MAY 98 LOG.	Encarg. VENDRAME				+ 92
Modificacion	Fecha	Nombre	Norma	IEC	Nº 3062-D30-E3302 Hoja 92
ft. DIN6771/Teil 5 1	2	Obtenido de:	Reemplazo para:	Reemplaz. por:	30620 94 Sigue



Trasportador de cadenas vertical con secos

Trasportador de cadenas vertical con secos

Camino de rodillos con rolos locas vertical section 1

Camino de rodillos con rolos locas vertical section 2

A
DISPOSICION TARJETAS
EN EL RACK

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SYSTEM OF THE
COMPANIES



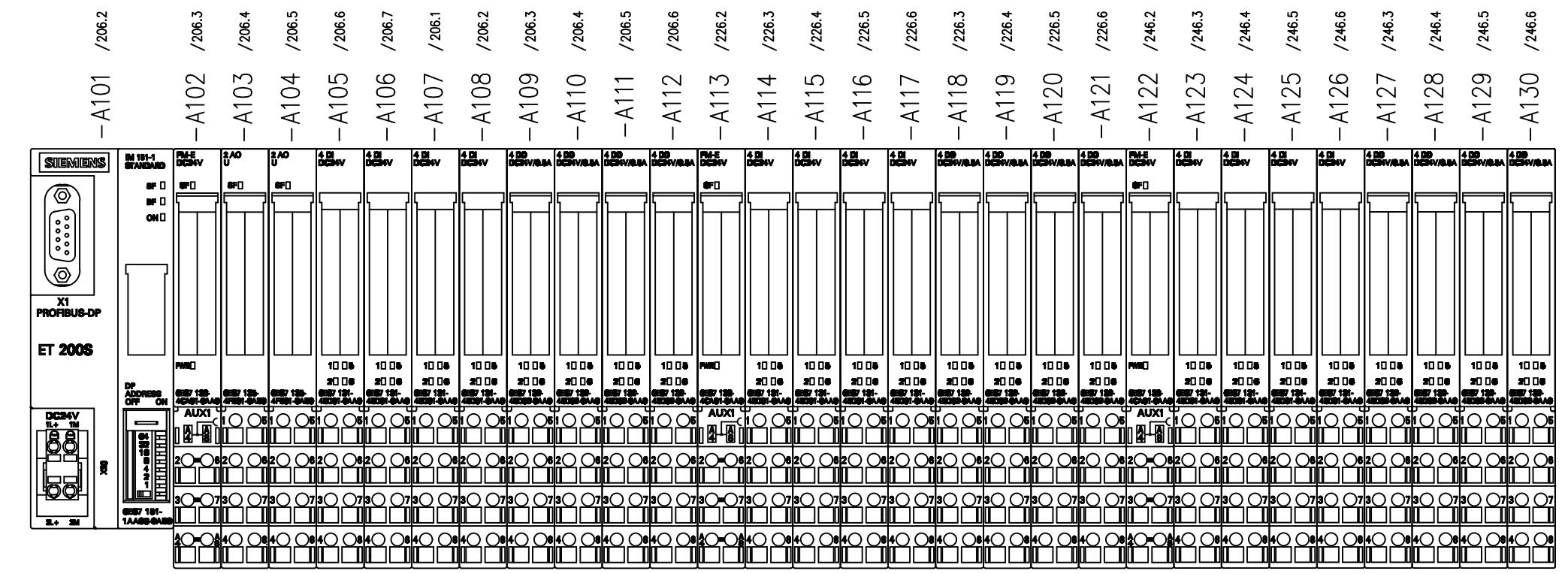
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C
Camino de rodillos para
estraction
(a la salida section 1 CMA)

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

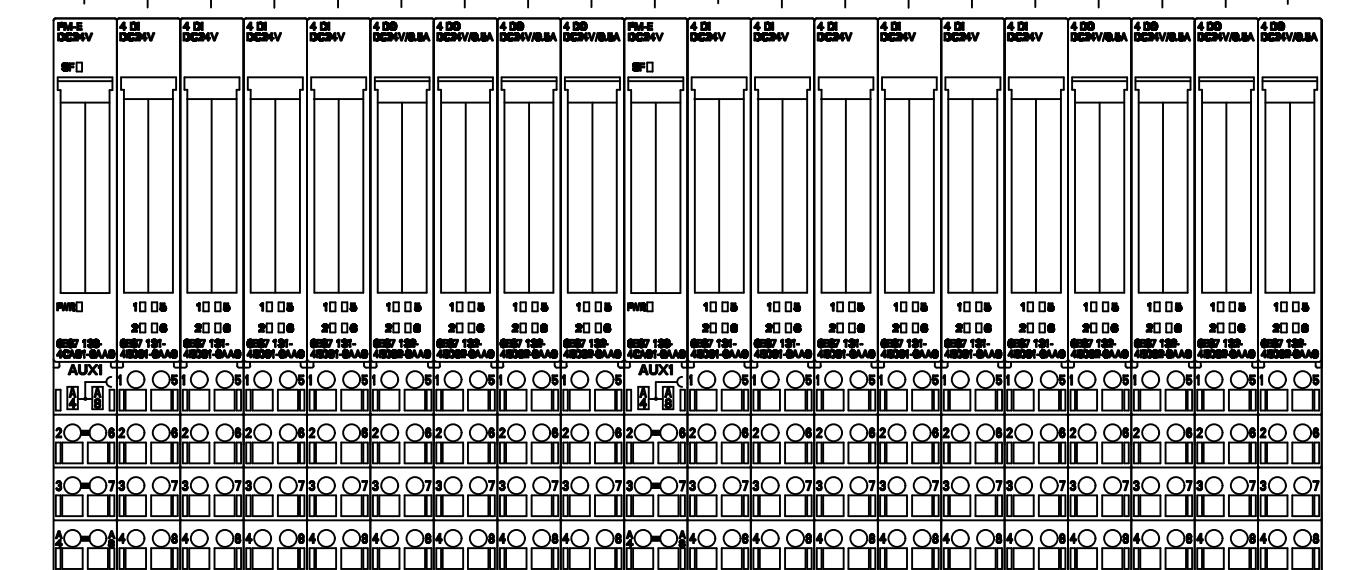
E
Camino de rodillos para
estraction
(a la salida section 2 CMA)

AutoCAD-COMPUTER AIDED DESIGN
3.302-094

F
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



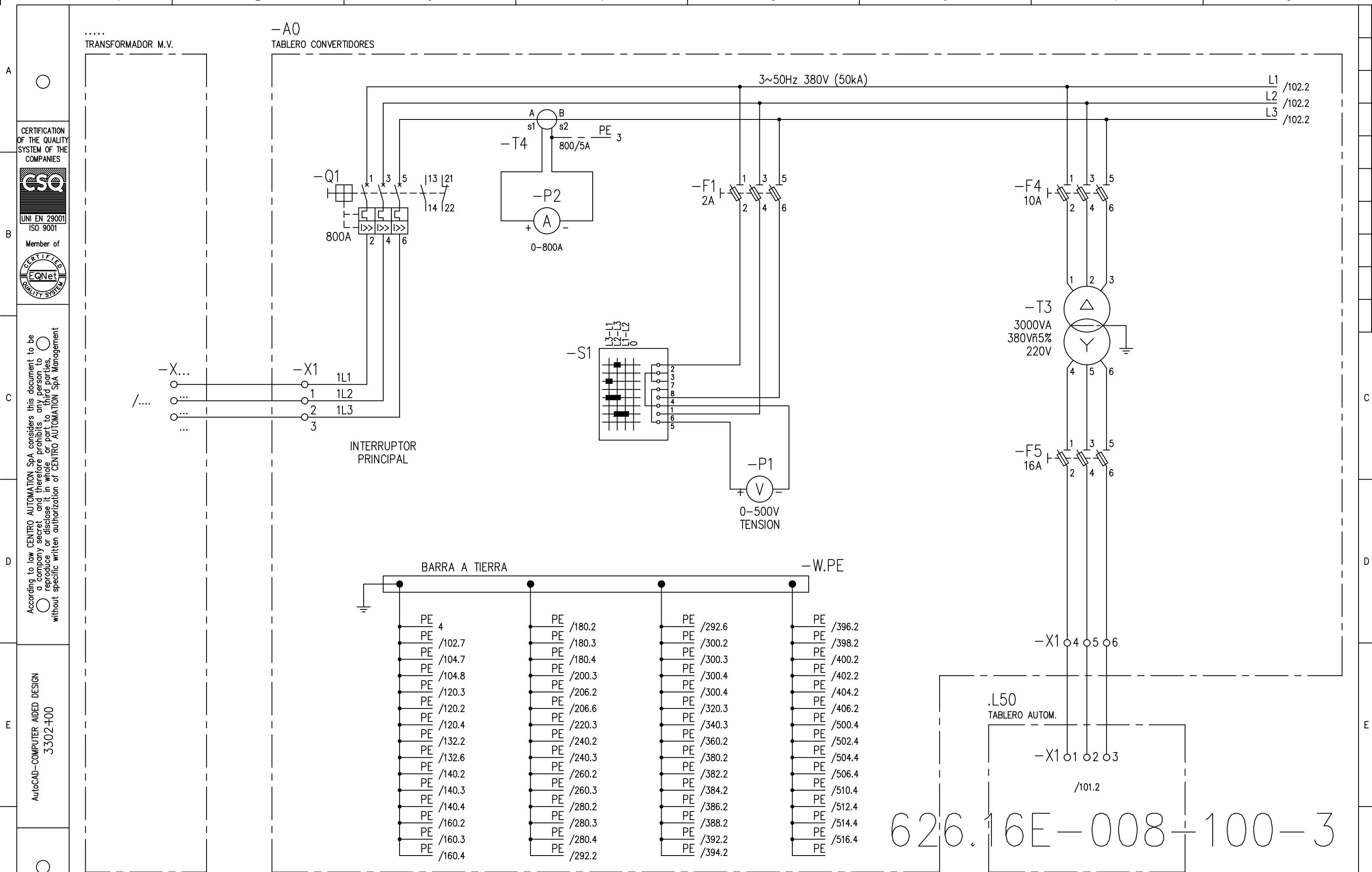
G
Trasportador
de la cadenas
a la entrada

H
Bomba
de lubrication
CMA

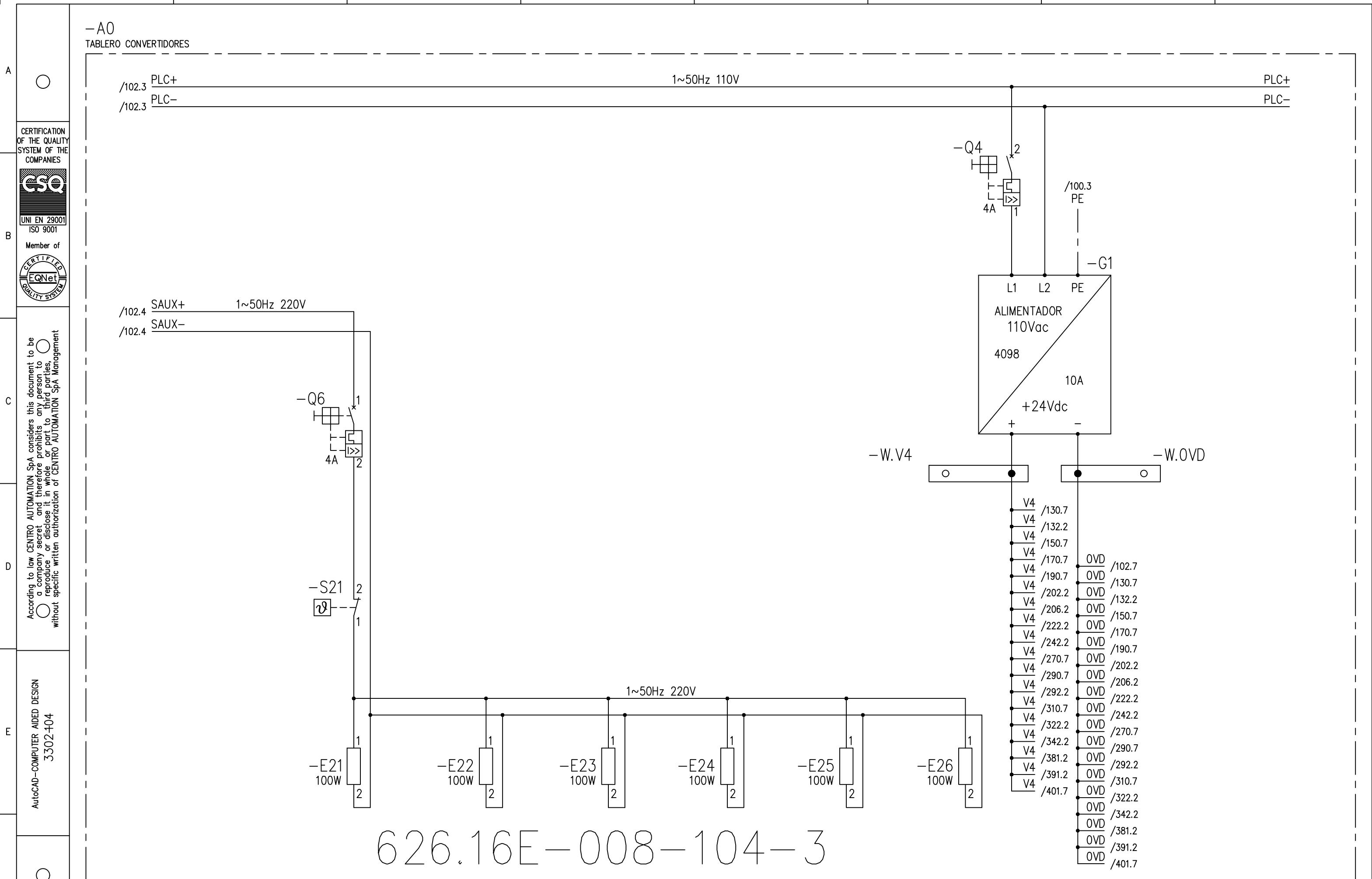
I
-A93

J
626.16E-008-094-4

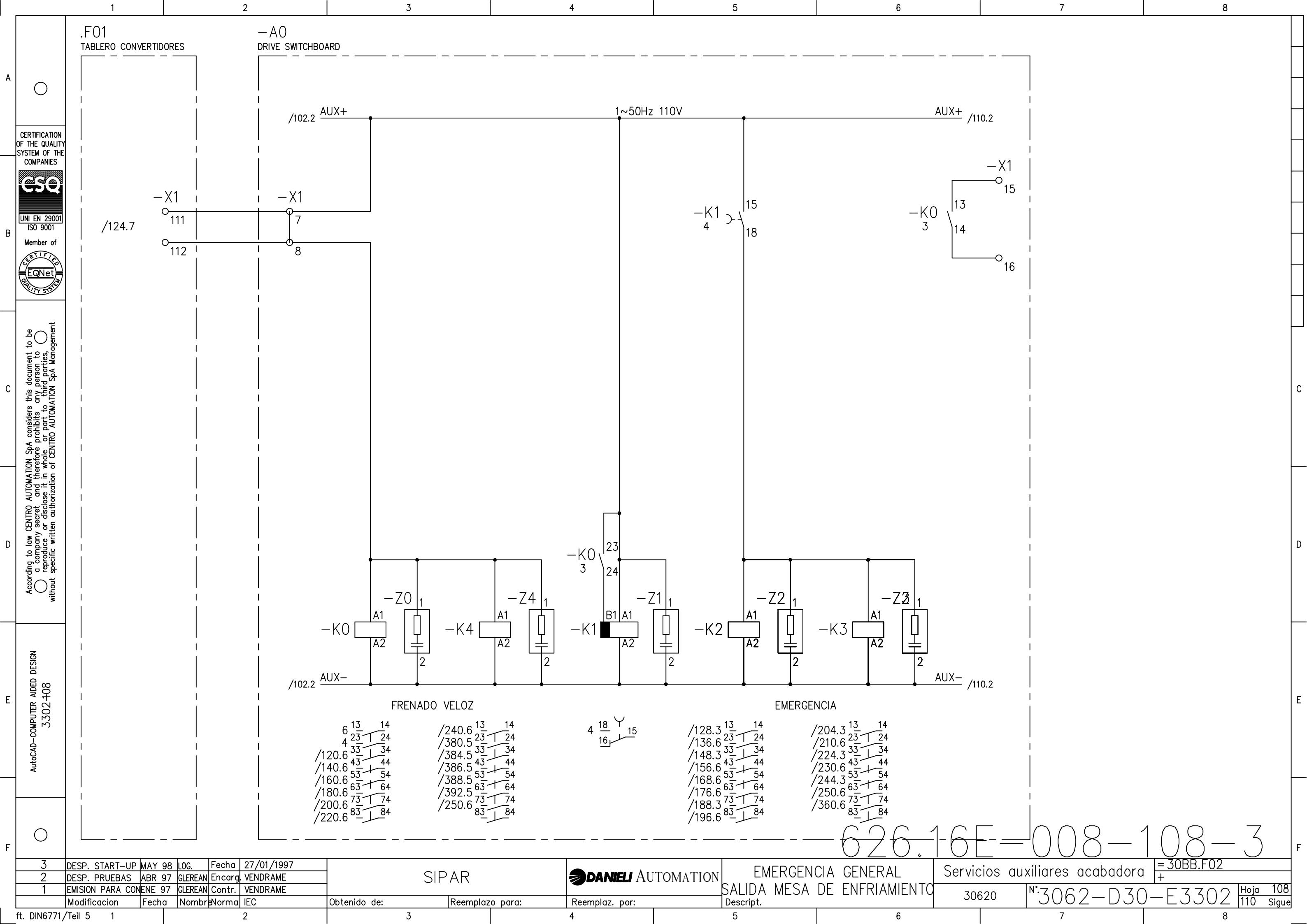
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	DISPOSICION TARJETAS EN EL RACK	Servicios auxiliares acabadora	=30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
1	EMISION PARA CON	ENE 97	Contr.	VENDRAME					Nº 3062-D30-E3302	Hoja 94 100 Sigue
Modificacion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

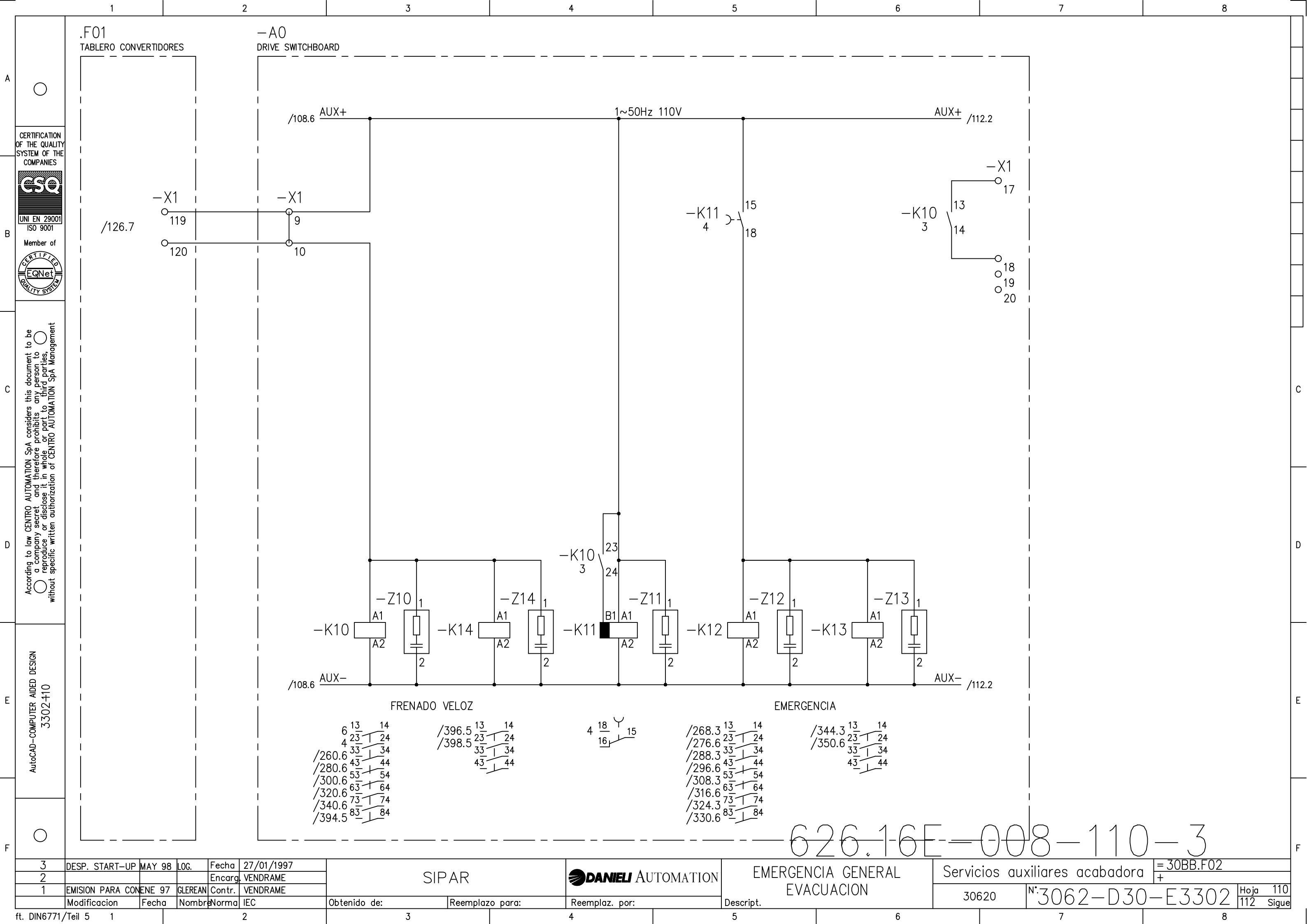


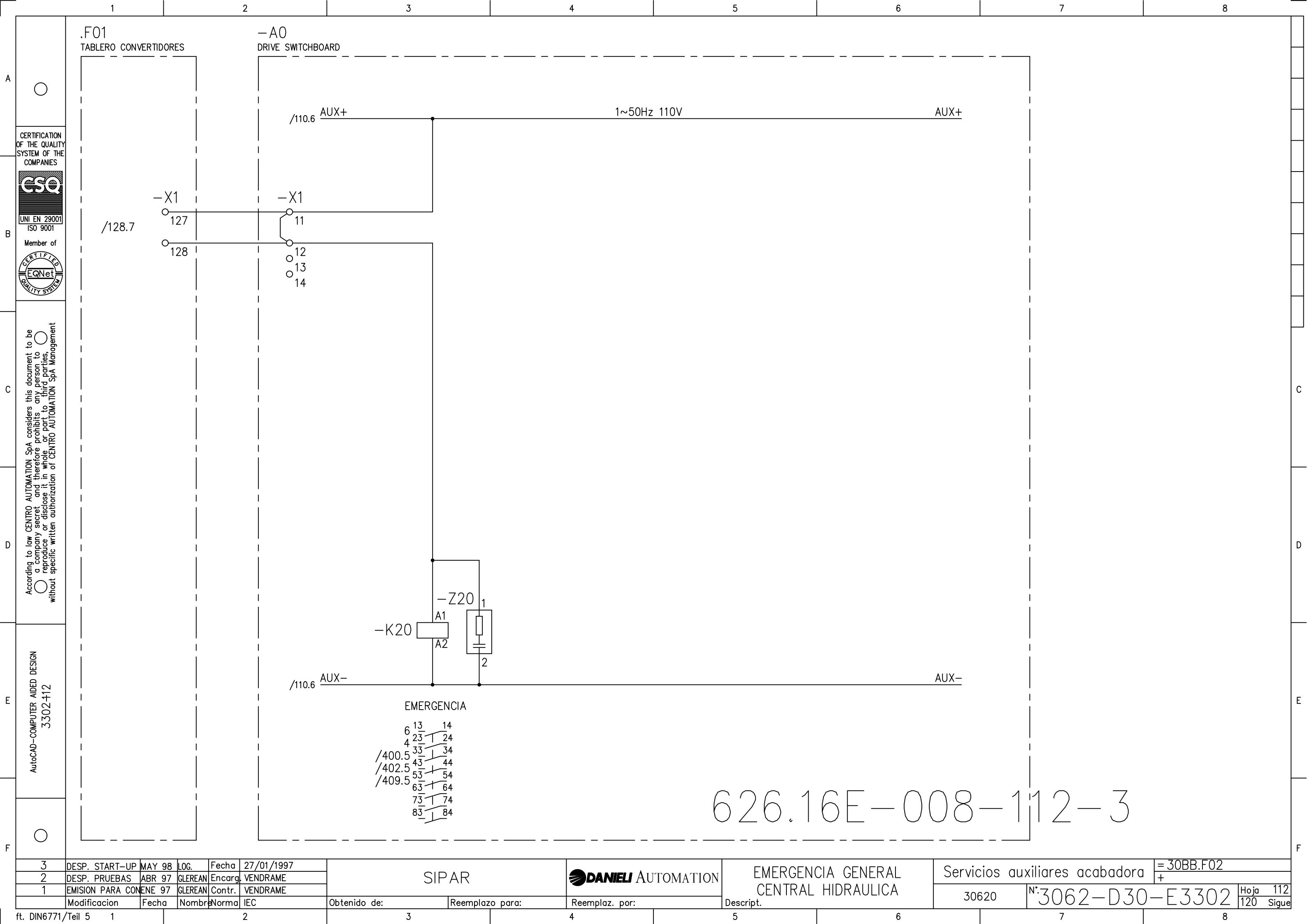
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2	DES. PRUEBAS	ABR 97	GLELEAN	Encarg.					+ 30620
1	EMISION PARA CONENE 97	GLELEAN	Contr.	VENDRAME				Nº:	3062-D30-E3302
	Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Descript.	Hoja 100 102 Sigue

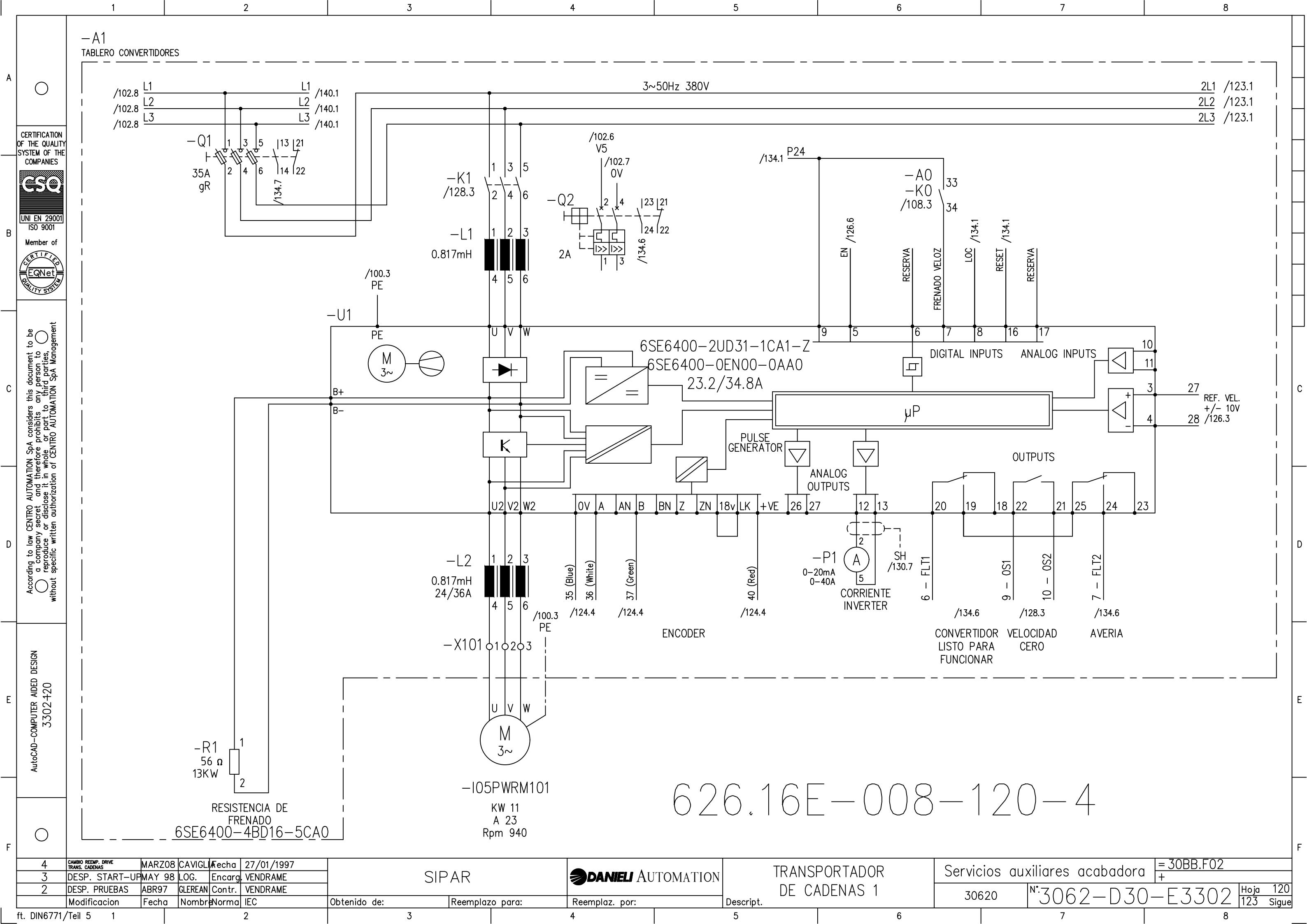


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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ 30620	
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 104
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	ft. DIN6771/Teil 5	Sigue 108









-A1
TABLERO CONVERTIDORES

TABLA DE CONVERSIÓNES

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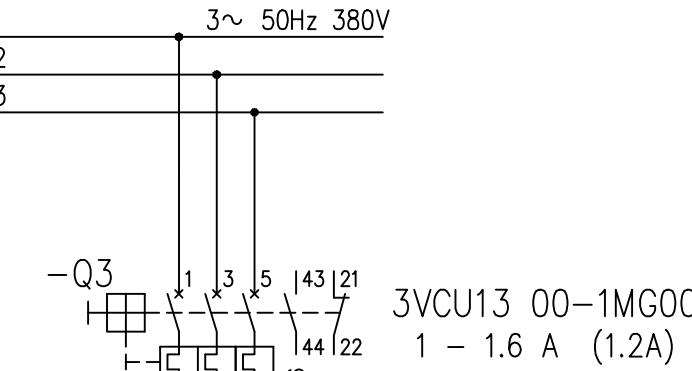
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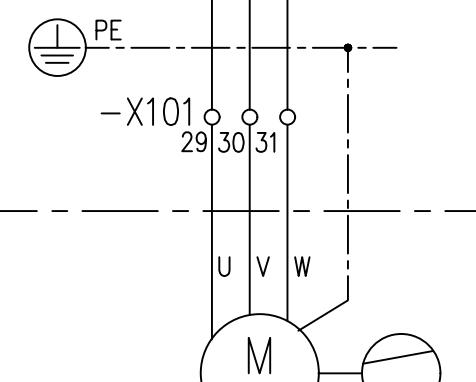


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3302-420



3TF4022-0AF



-105PWRM101

W 400

A 1.2
Bpm 150

Rpm 150

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 CONENE	ENE 97	GLEREAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620 3062-D30-E3302
										Nº: Hoja 123 124 Sigue

Disp. en campo

-A1
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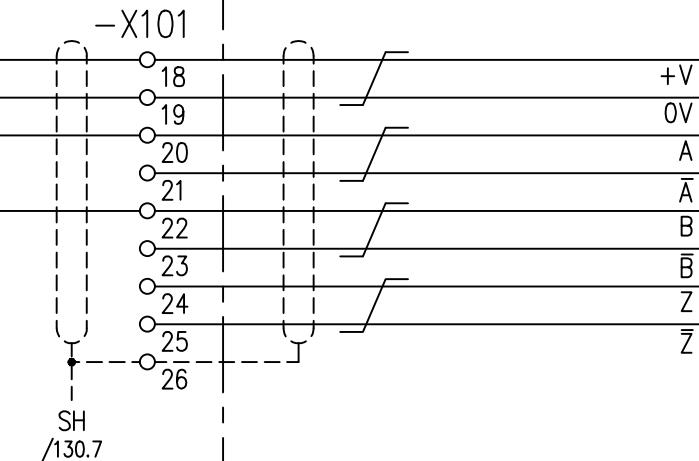
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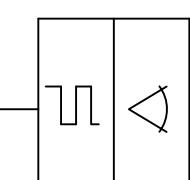
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3302424

F

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

-I05PWRB101



1024 impuls./giro

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

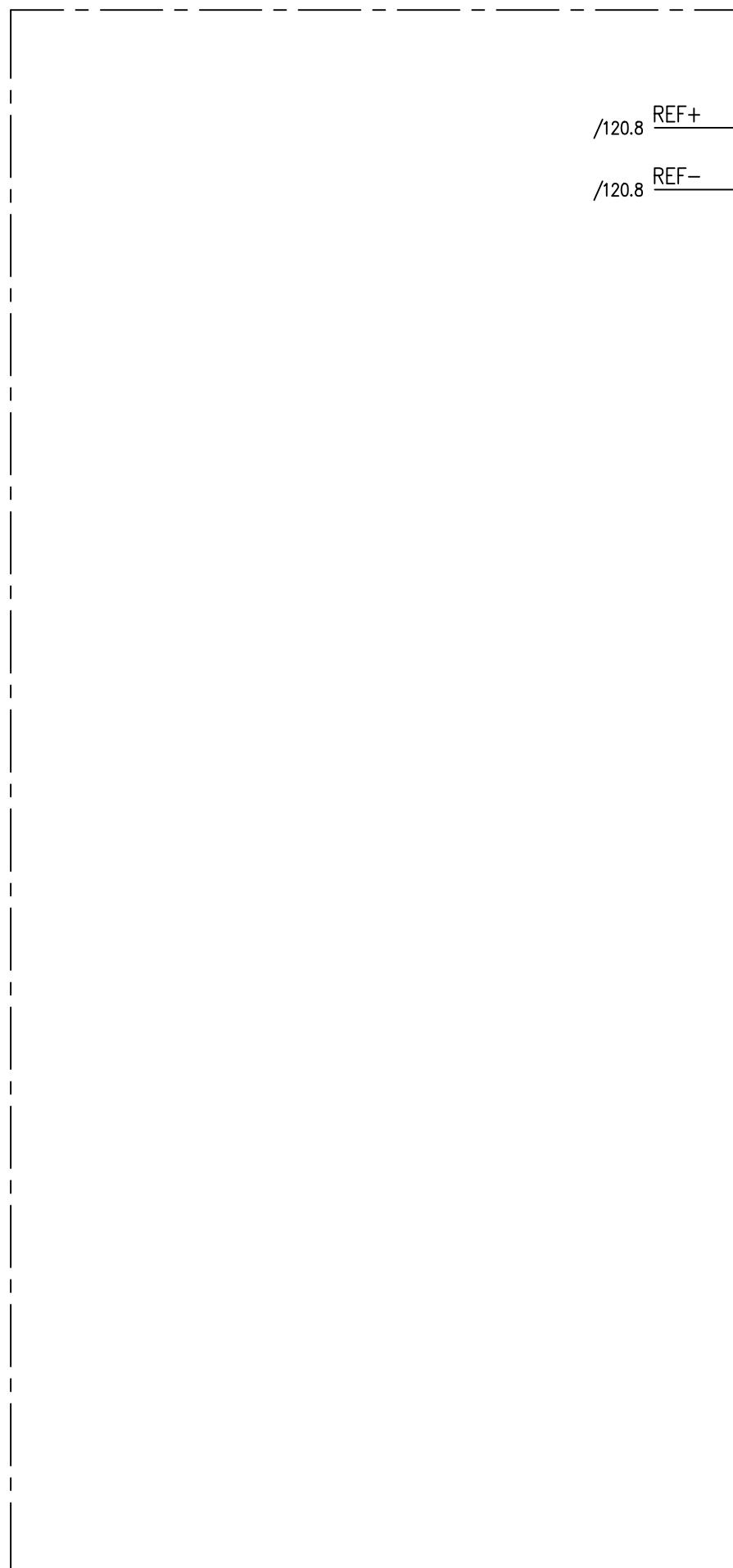
Servicios auxiliares acabadora = 30BB.F02

+

30620 N° 3062-D30-E3302

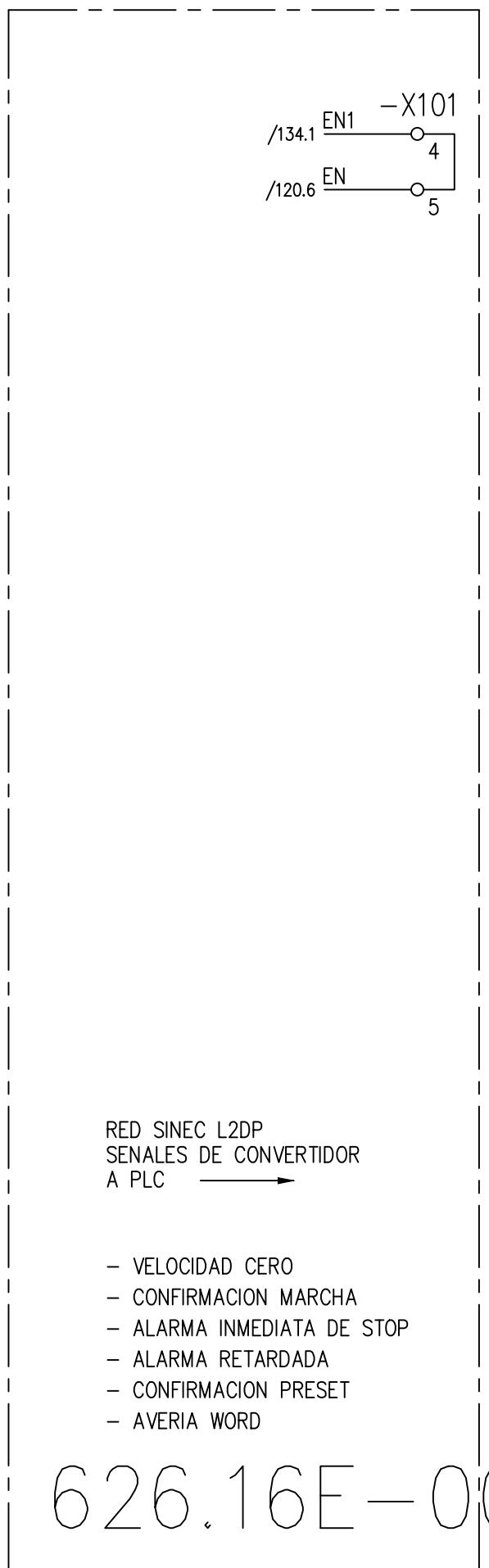
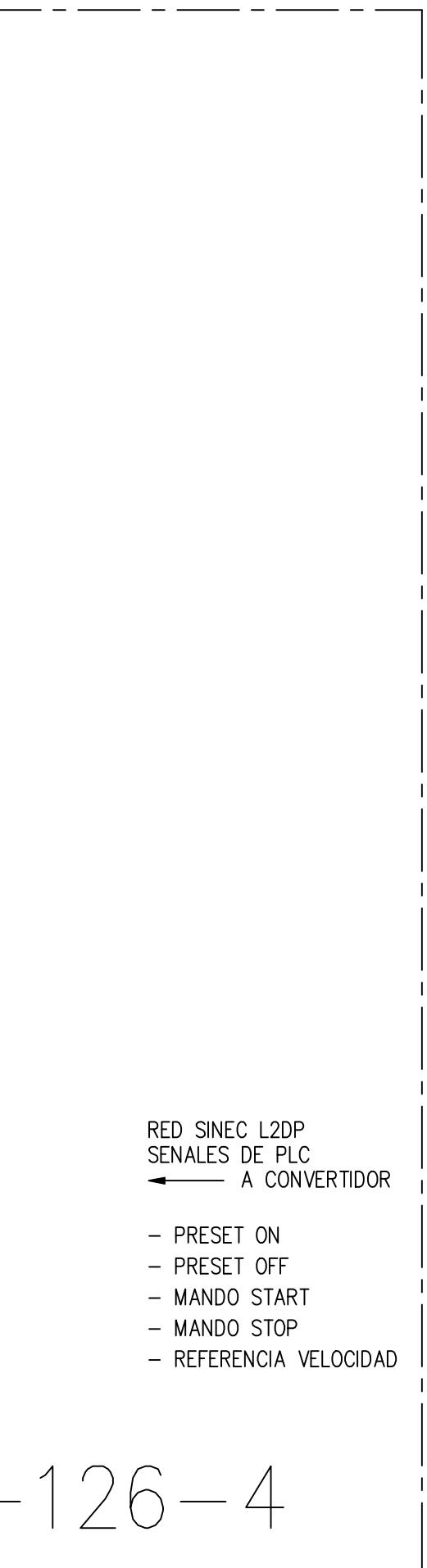
Hoja 124

126 Sigue

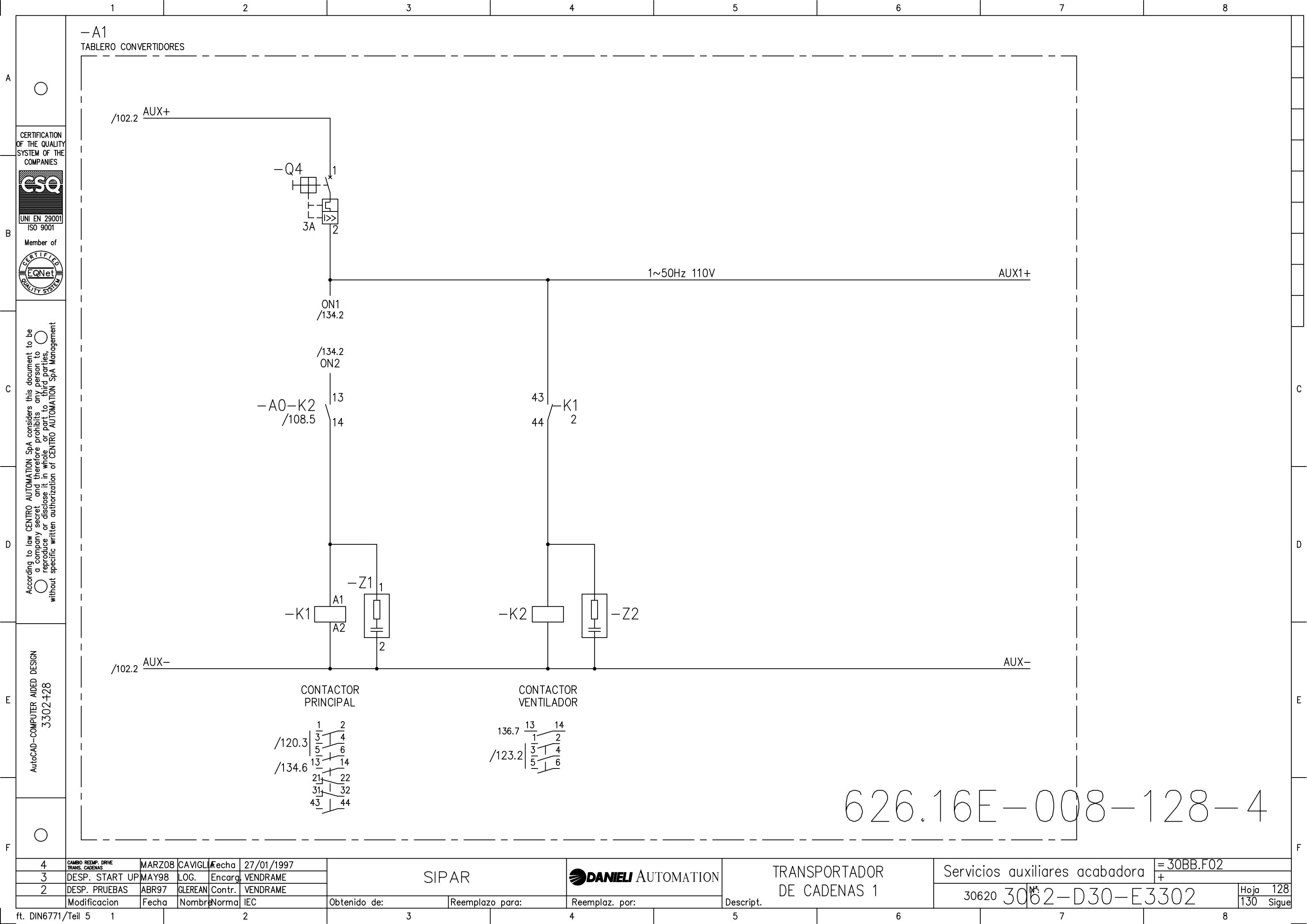
A1
TABLERO CONVERTIDORESA91
PLC

SIPAR **DANIELI** AUTOMATION

Obtenido de: Reemplazo para: Reemplaz. por:

A1
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	Nº 3062-D30-E3302	Hoja 126 128 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			



-A1
TABLERO CONVERTIDORES

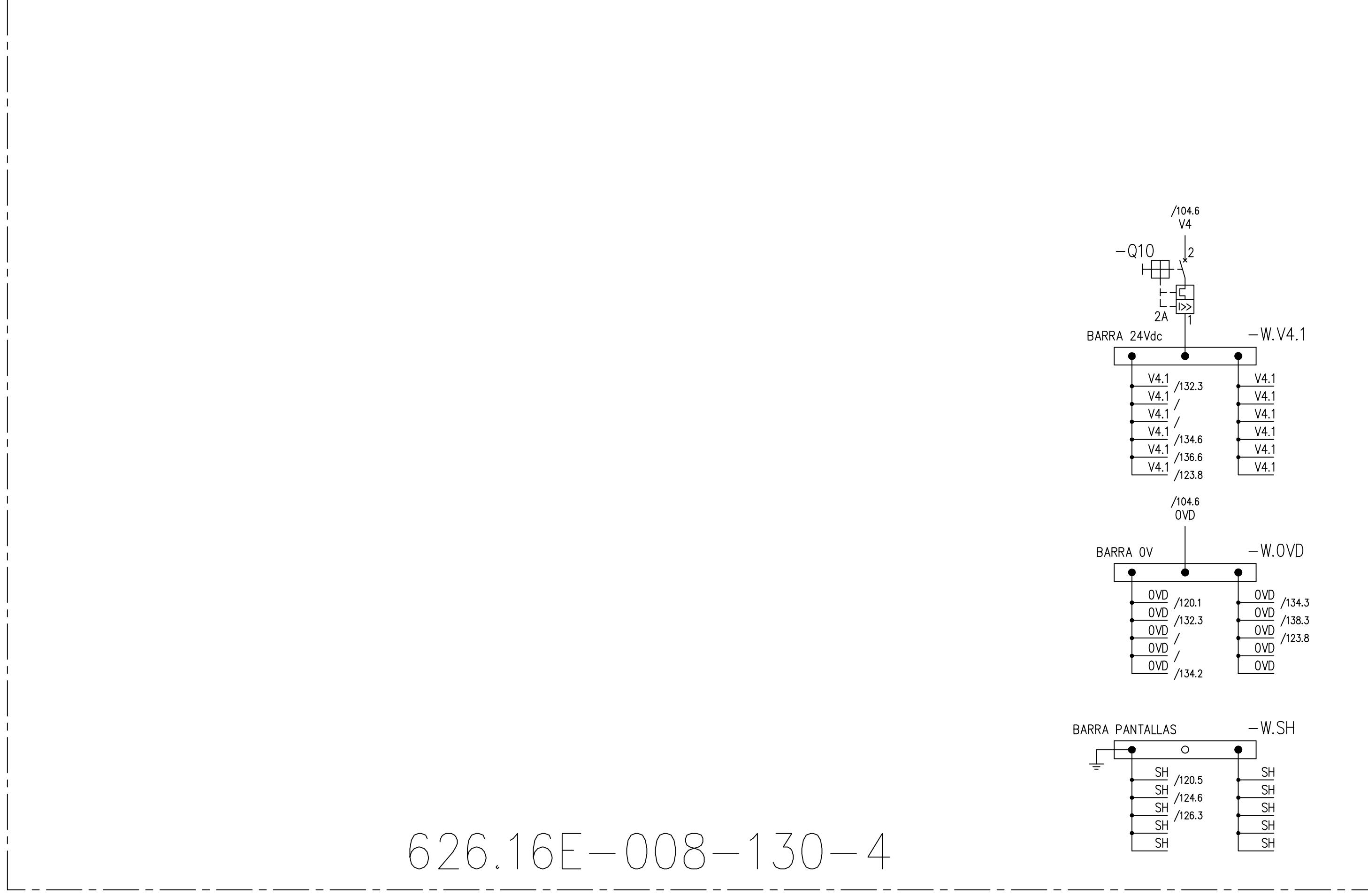
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ISO 9001

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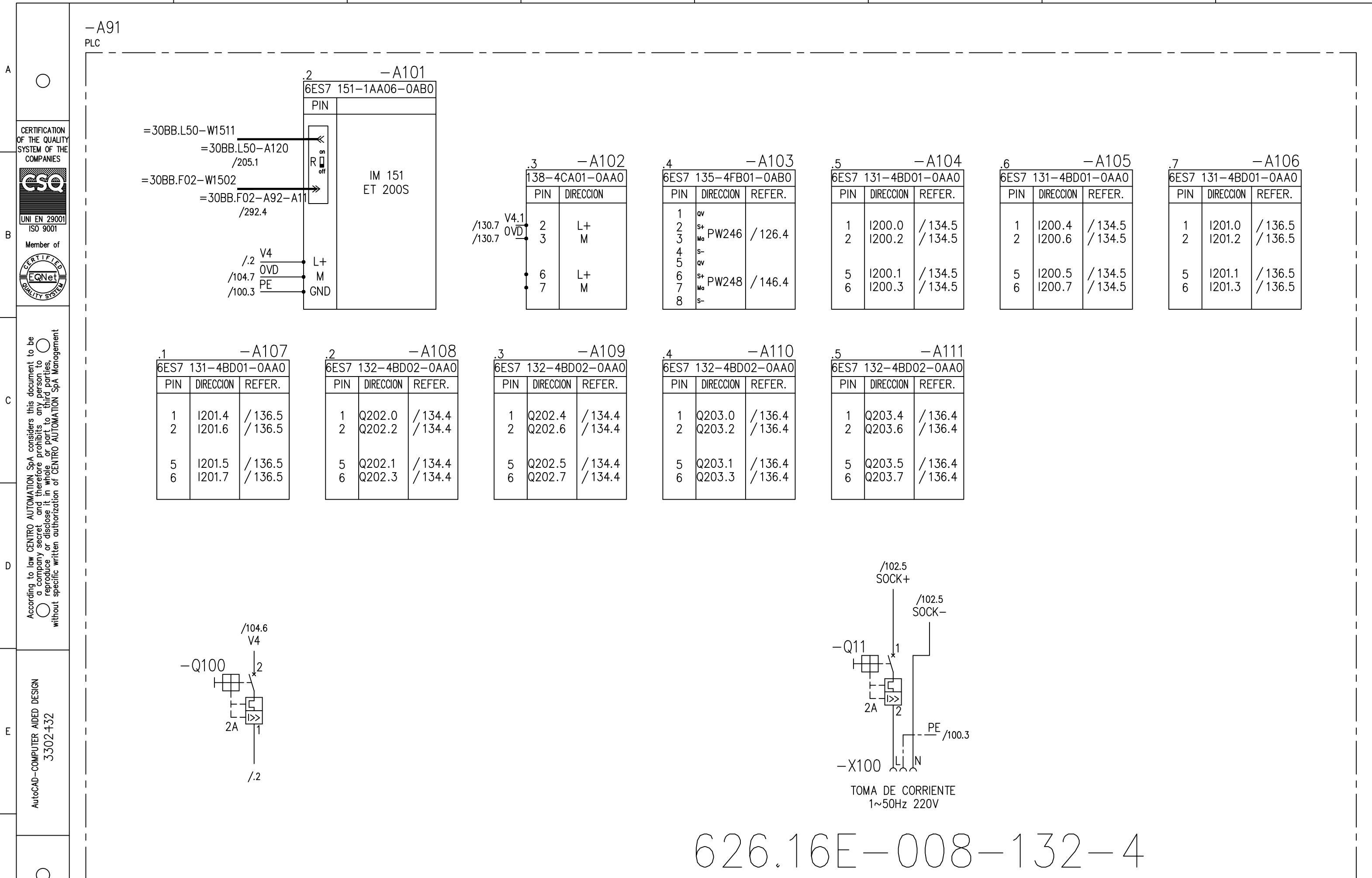


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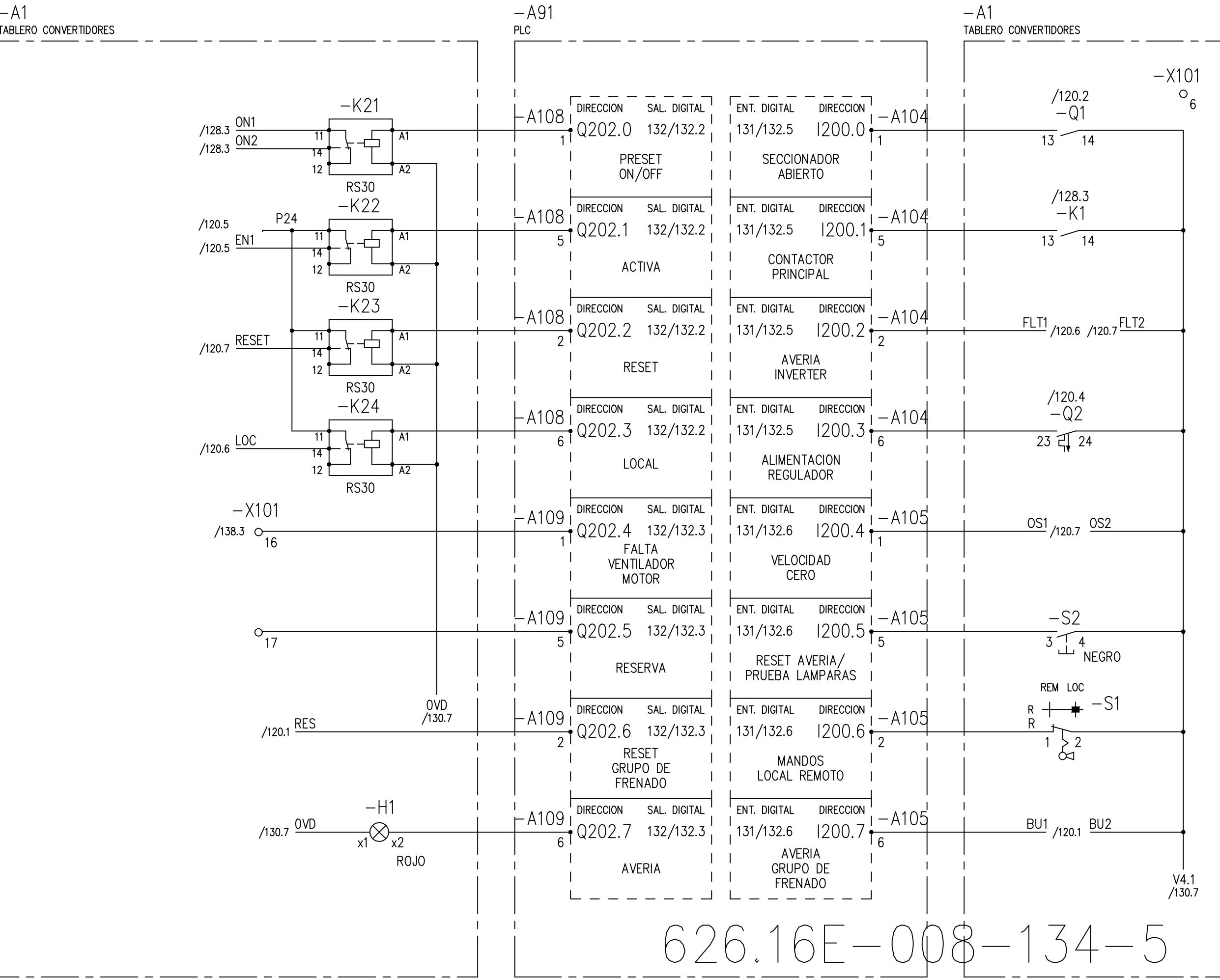
AutoCAD-COMPUTER AIDED DESIGN
3.3024-30

626.16E-008-130-4

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				+ 30620	Nº 3062-D30-E3302
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					Hoja 130 132 Sigue	
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		



4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR DE CADENAS 1	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.				



626.16E-008-134-5

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				+		
3	DESP. START-UP	ABR 97	GLEREA	Contr.	VENDRAME				30620		Nº: 3062-D30-E3302 Hoja 134
	Modificacion	Fecha	Nombre	Norma	IEC				136	Sigue	
Obtenido de:		Reemplazo para:		Reemplaz. por:		Descript.					

-A1
TABLERO CONVERTIDORES

-A91

-A1
TABLERO CONVERTIDORES

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AutoCAD-COMPUTER AIDED DESIGN
 3302436

-X101

8

9

10

/138.3 MS

/138.3 RCS

/138.3 SLF

/138.3 MT>

/138.3 CF

7

5

2

6

1

5

2

6

SIPAR

DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 1

Servicios auxiliares acabadora

= 30BB.F02
+
30620 N° 3062-D30-E3302

3

4

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626.16E-008-136-4

-A1
TABLERO CONVERTIDORES

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AutoCAD-COMPUTER AIDED DESIGN
3302438

-H10

CZ011

PIN	ETIQUETA	REFER.
/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	
	8	
	9	
	10	
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	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

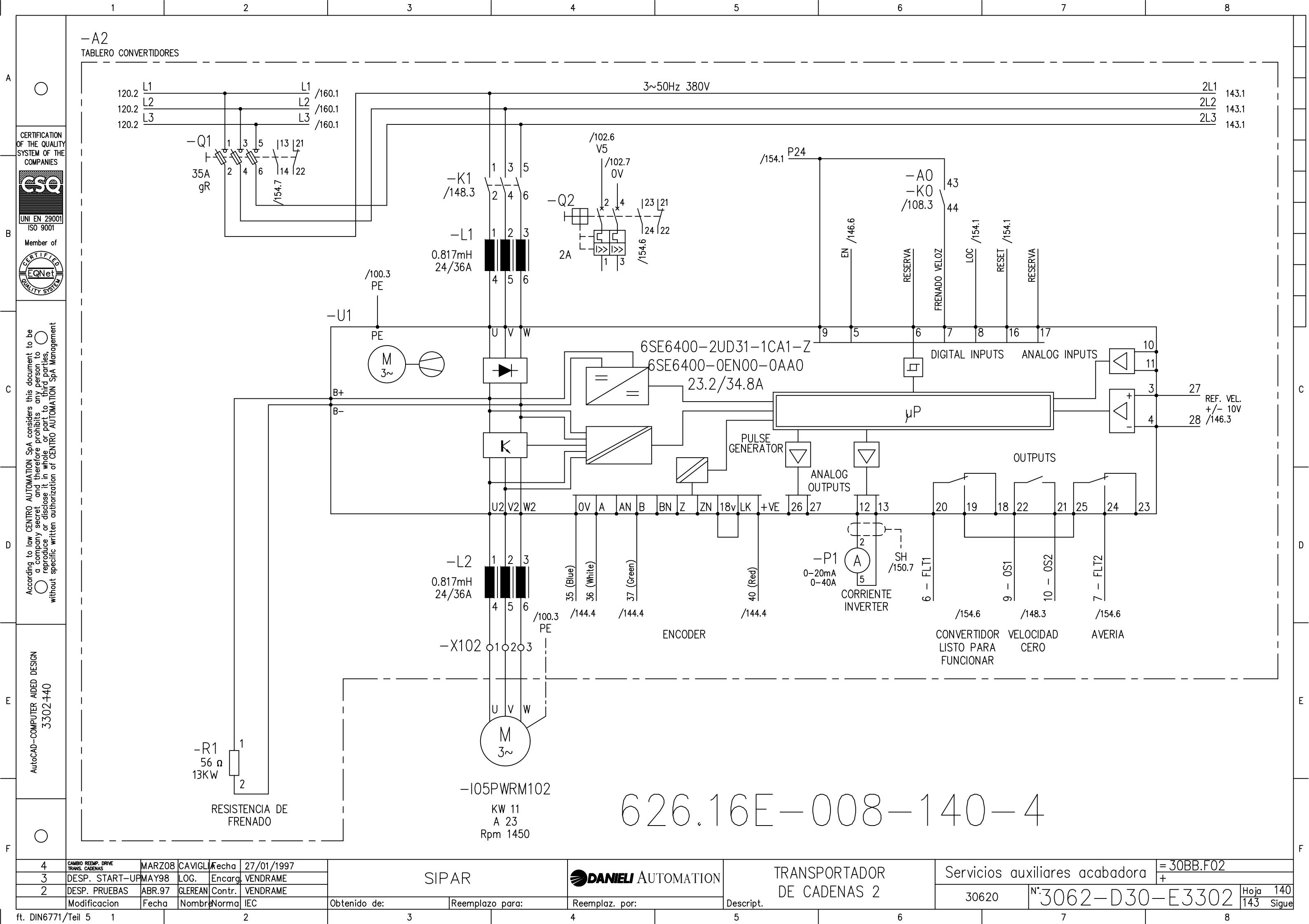
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=30BB.F02

+

30620 N° 3062-D30-E3302

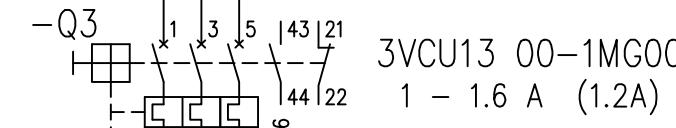
Hoja 138
140 Sigue



-A2

TABLERO CONVERTIDORES

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 /140.8 L3



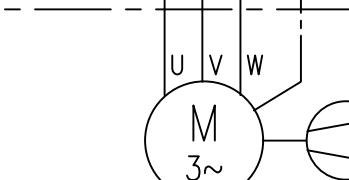
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PE

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29 30 31



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A 1.2

V380

Rpm 1500

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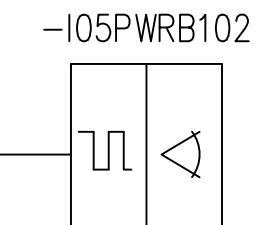


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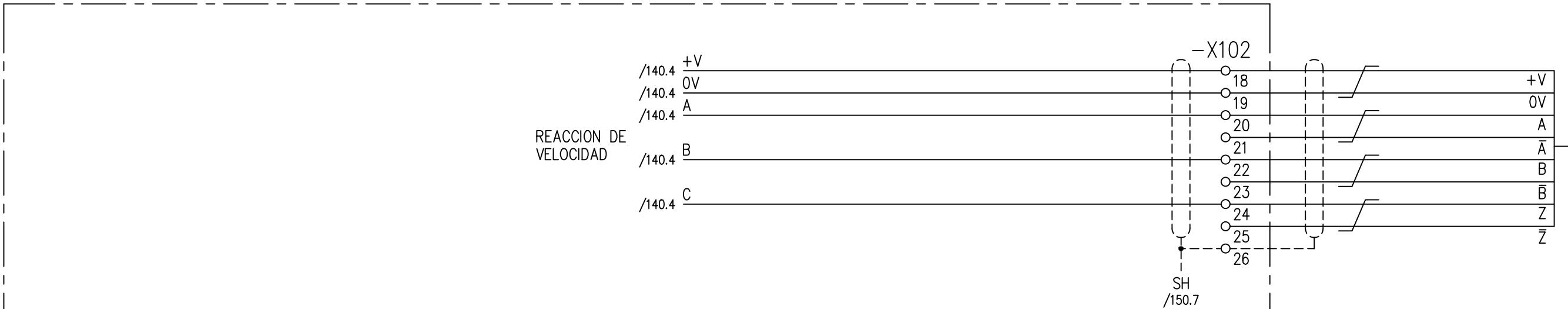
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3.302.420

626.16E-008-143-3

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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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COMPANIES

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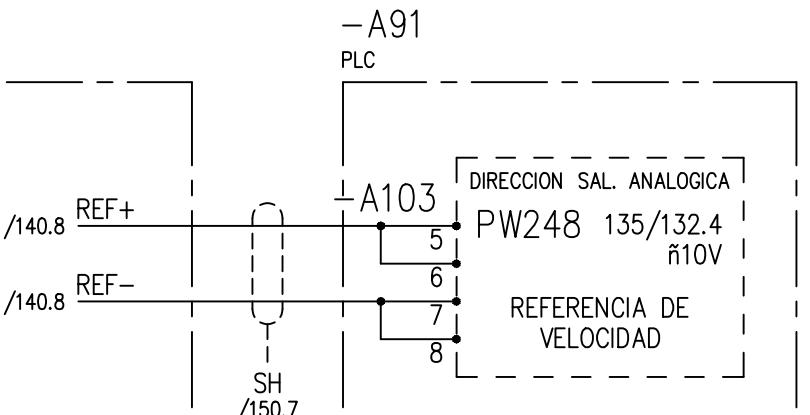
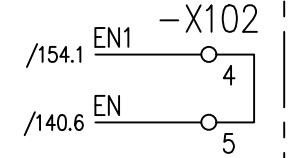
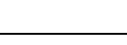


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AutoCAD-COMPUTER AIDED DESIGN
3302-444

626.16E-008-144-3

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2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+		
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 144 146 Sigue

A
-A2
TABLERO CONVERTIDORESCERTIFICATION
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3.302-446B
-A91
PLCC
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TABLERO CONVERTIDORESD
L50
TABLERO AUTOMATIZACIONRED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

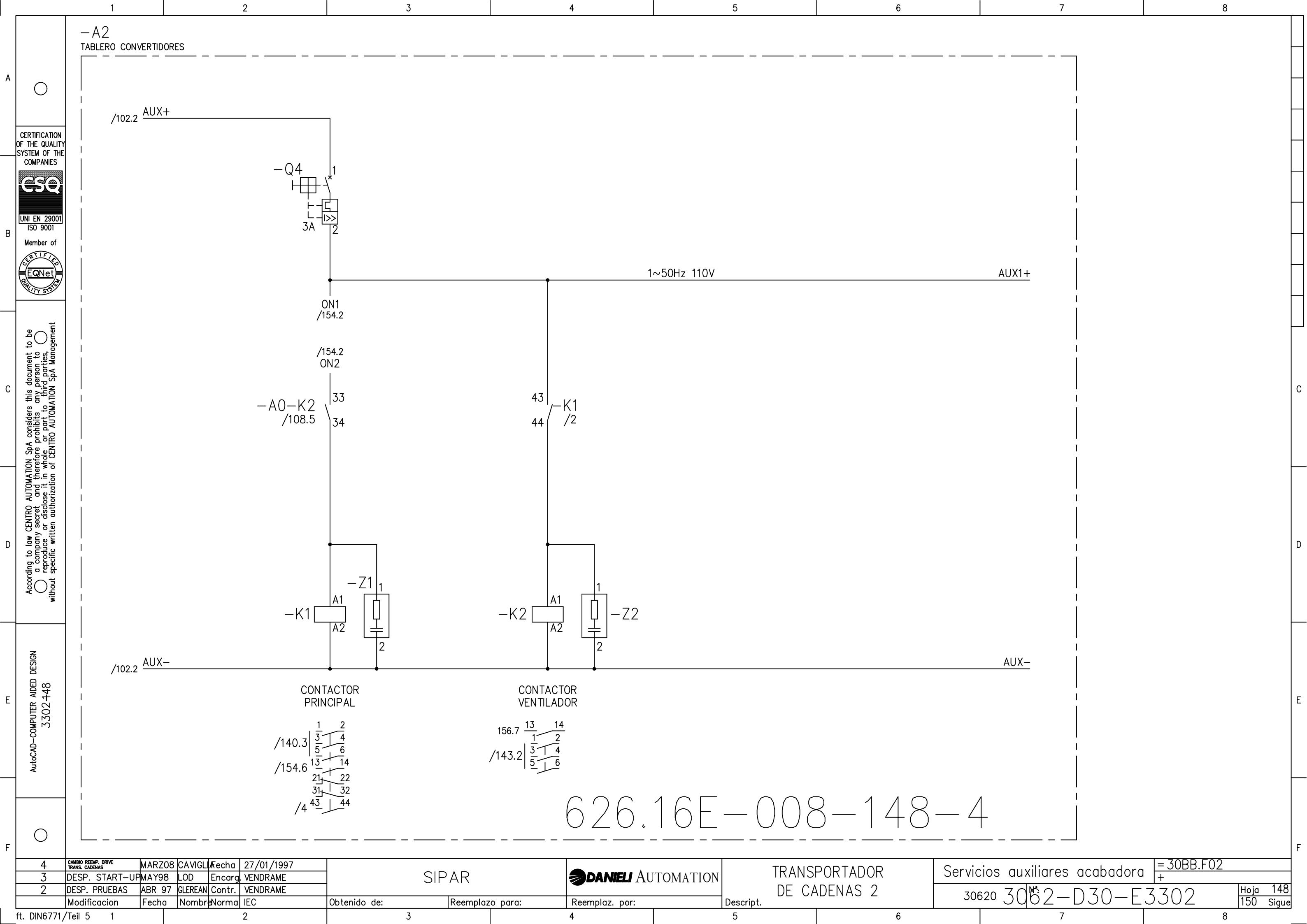
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- CONFIRMACION MARCHA
- ALARMA INMEDIATA DE STOP
- ALARMA RETARDADA
- CONFIRMACION PRESET
- AVERIA WORD

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:



-A2
TABLERO CONVERTIDORES

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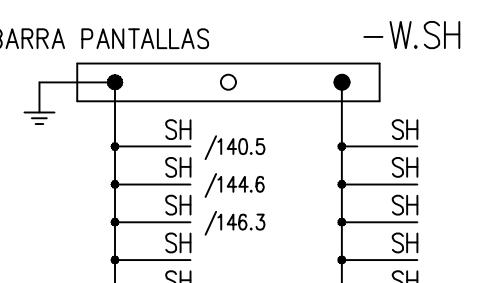
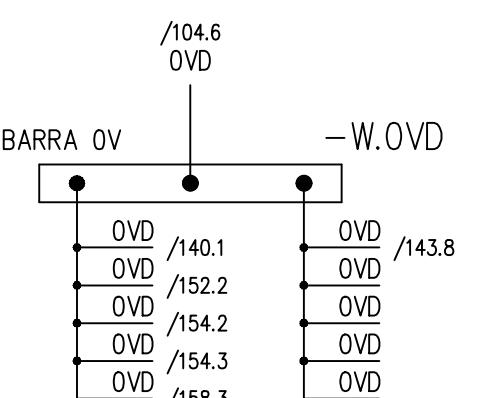
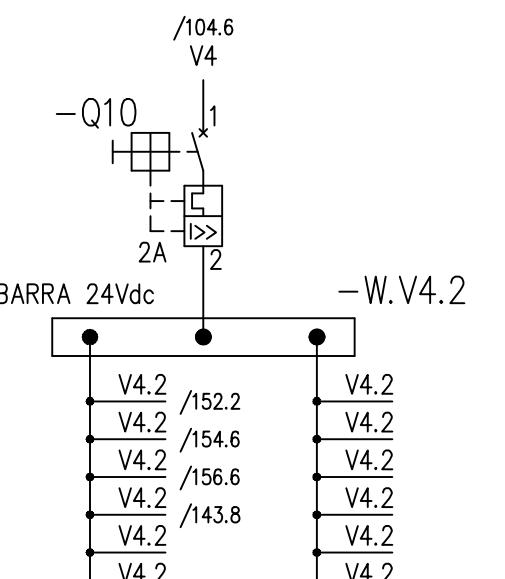
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3302+30

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

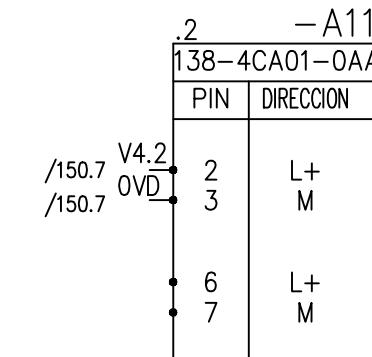
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DANIELI AUTOMATIONTRANSPORTADOR
DE CADENAS 2Servicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 150
152 Sigue

-A91

PLC

A

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3.302.452

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5	I204.1	/154.5
6	I204.3	/154.5

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6ES7 131-4BD01-0AA0		
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2	I204.6	/154.5
5	I204.5	/154.5
6	I204.7	/154.5

.5 -A115

6ES7 131-4BD01-0AA0		
PIN	DIRECCION	REFER.
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2	I205.2	/156.5
5	I205.1	/156.5
6	I205.3	/156.5

.6 -A116

6ES7 131-4BD01-0AA0		
PIN	DIRECCION	REFER.
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2	I205.6	/156.5
5	I205.5	/156.5
6	I205.7	/156.5

.3 -A117

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.4 -A118

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.5 -A119

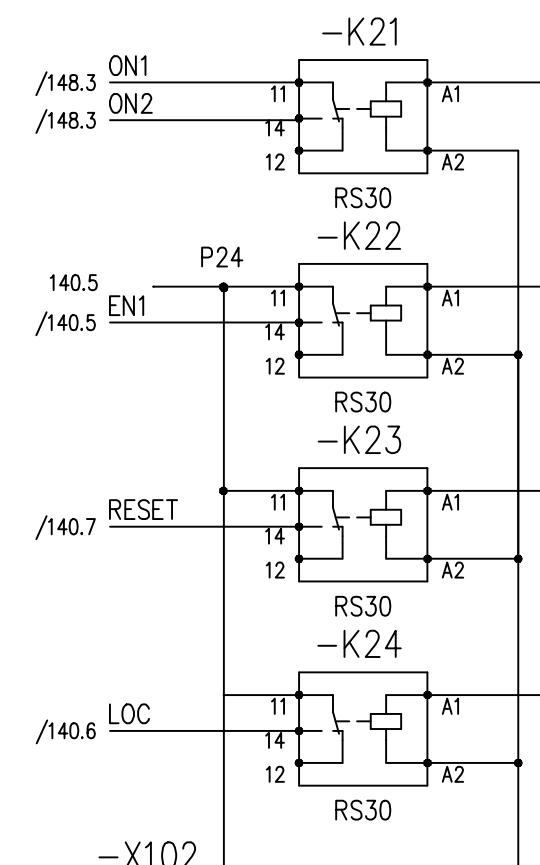
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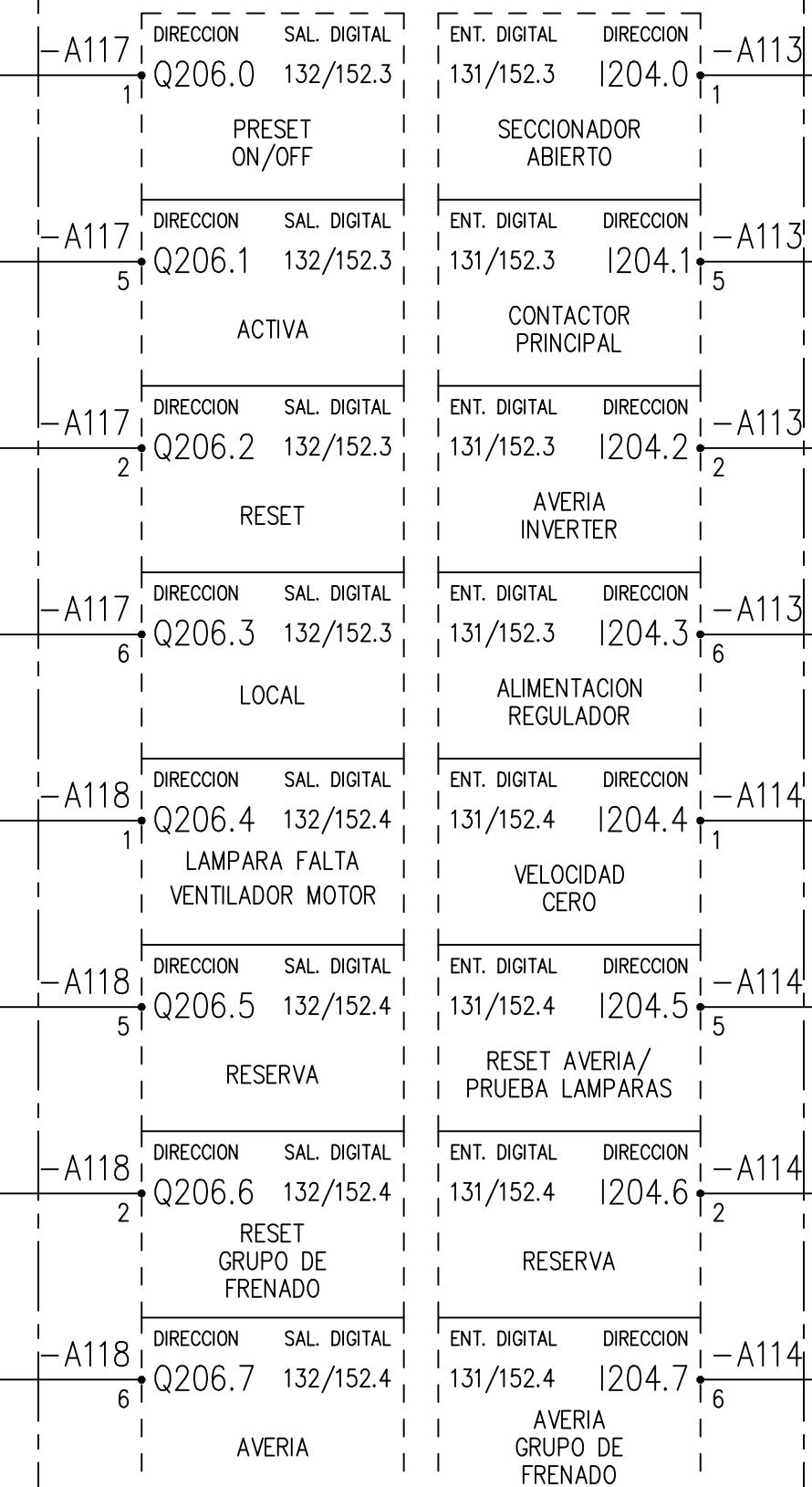
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626.16E-008-152-4

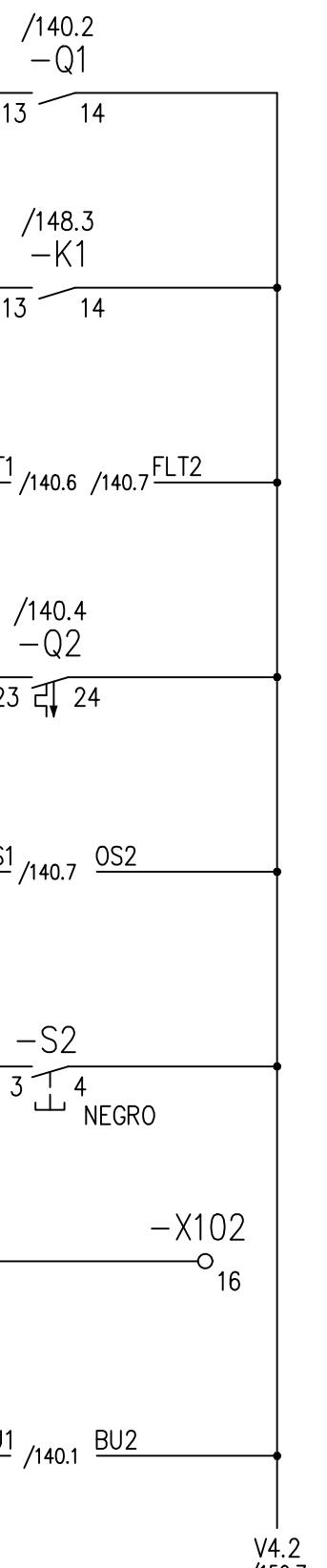
-A2
TABLERO CONVERTIDORES



-A91
PLC



-A2
TABLERO CONVERTIDORES



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AutoCAD-COMPUTER AIDED DESIGN
3.302454

626.16E-008-154-5

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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
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			Hoja 154 156 Sigue

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EQNet
Quality System

-A2
TABLERO CONVERTIDORES

-A91

-A2
TABLERO CONVERTIDORES

-X102

7

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RESERVA

ENT. DIGITAL DIRECCION
131/152.5 I205.0
FALTA VENTILADOR
MOTOR

A115

-K2

-Q3

14

13

44

43

/148.4

/143.2

8

-A119 DIRECCION SAL. DIGITAL
Q207.1 132/152.5
RESERVA

ENT. DIGITAL DIRECCION
131/152.5 I205.1
RESERVA

A115

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-A119 DIRECCION SAL. DIGITAL
Q207.2 132/152.5
RESERVA

ENT. DIGITAL DIRECCION
131/152.5 I205.2
RESERVA

A115

13

/158.3 MS

-A119 DIRECCION SAL. DIGITAL
Q207.3 132/152.5
SECCIONADOR
ABIERTO

ENT. DIGITAL DIRECCION
131/152.5 I205.3
EMERGENCIA

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/108.5
-A0-K2

43

44

/158.3 RCS

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ALIMENTACION
TARJETA DE
REGULACION

ENT. DIGITAL DIRECCION
131/152.6 I205.4
ARRANCA
LOCAL

A116

PARA 0 ARRANCA

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/158.3 SLF

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AVERIA
LINEA EN SERIE

ENT. DIGITAL DIRECCION
131/152.6 I205.5
PARA
LOCAL

A116

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2

V4.2

/150.7

/158.3 MT>

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SOBRETEMPERATURA
MOTOR

ENT. DIGITAL DIRECCION
131/152.6 I205.6
RESERVA

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/158.3 CF

-A120 DIRECCION SAL. DIGITAL
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CONVERTIDOR

ENT. DIGITAL DIRECCION
131/152.6 I205.7
RESERVA

A116

15

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17

626.16E 008-156-4

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3.3302.4546

SIPAR DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 2

Servicios auxiliares acabadora
= 30BB.F02

30620 3062-D30-E3302
+ Hoja 156
158 Sigue

-A2
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3302458

F

-H10

CZ011

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/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	
	9	
	10	
	11	
	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

DANIELI AUTOMATION

TRANSPORTADOR
DE CADENAS 2

Servicios auxiliares acabadora

=30BB.F02

+

30620

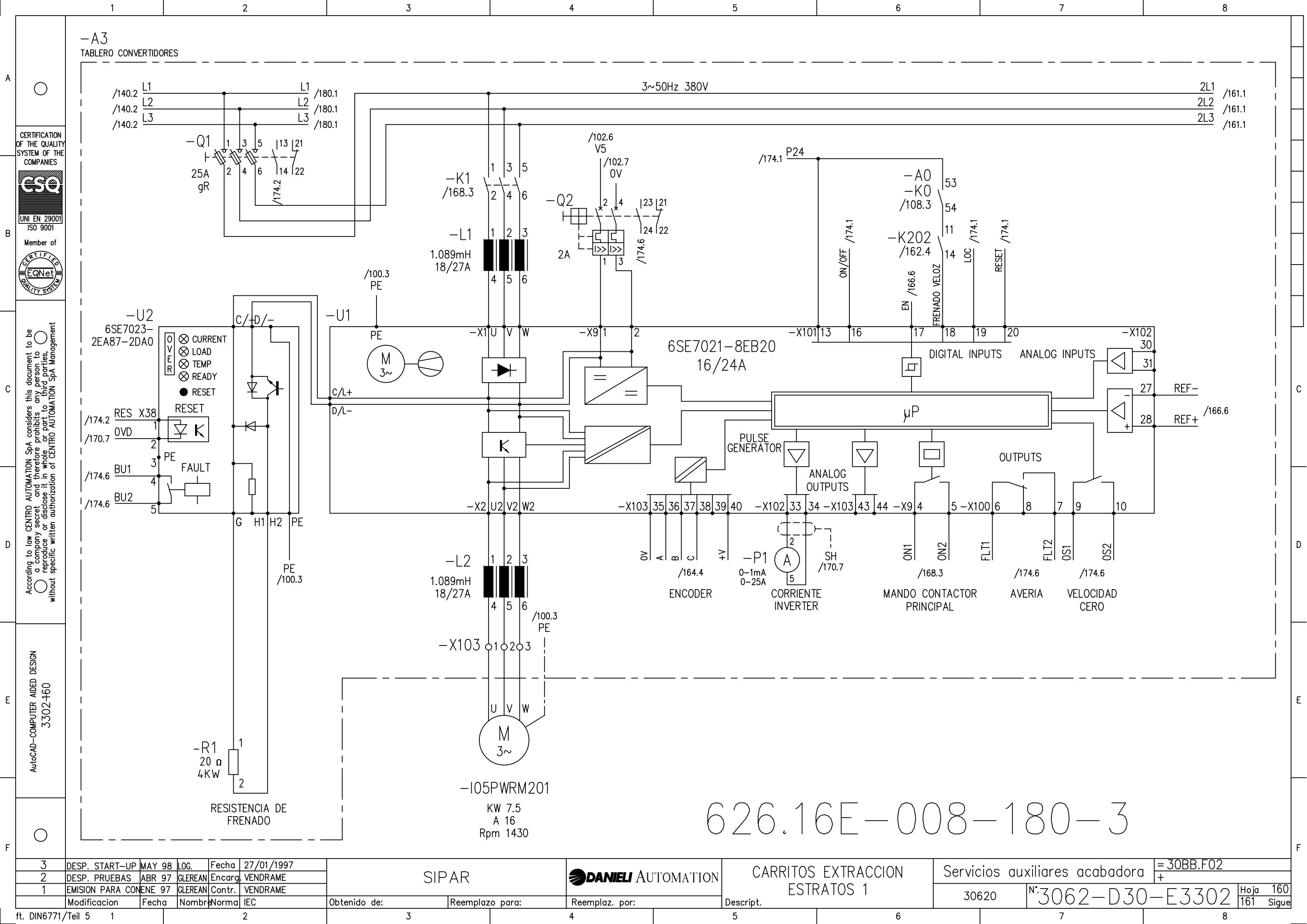
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3062-D30-E3302

Hoja 158

160 Sigue

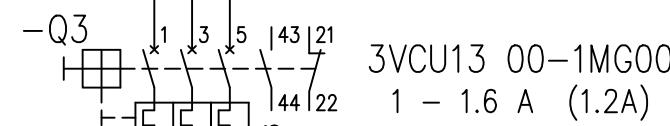
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-K2
 /168.4

3TF4022-0AF0

-X103

48 49 50

U V W

M
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AutoCAD-COMPUTER AIDED DESIGN
3.302.420

-I05PWRM201A

W 400

A 1.2

V 380

Rpm 1500

626.16E-008-161-3

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

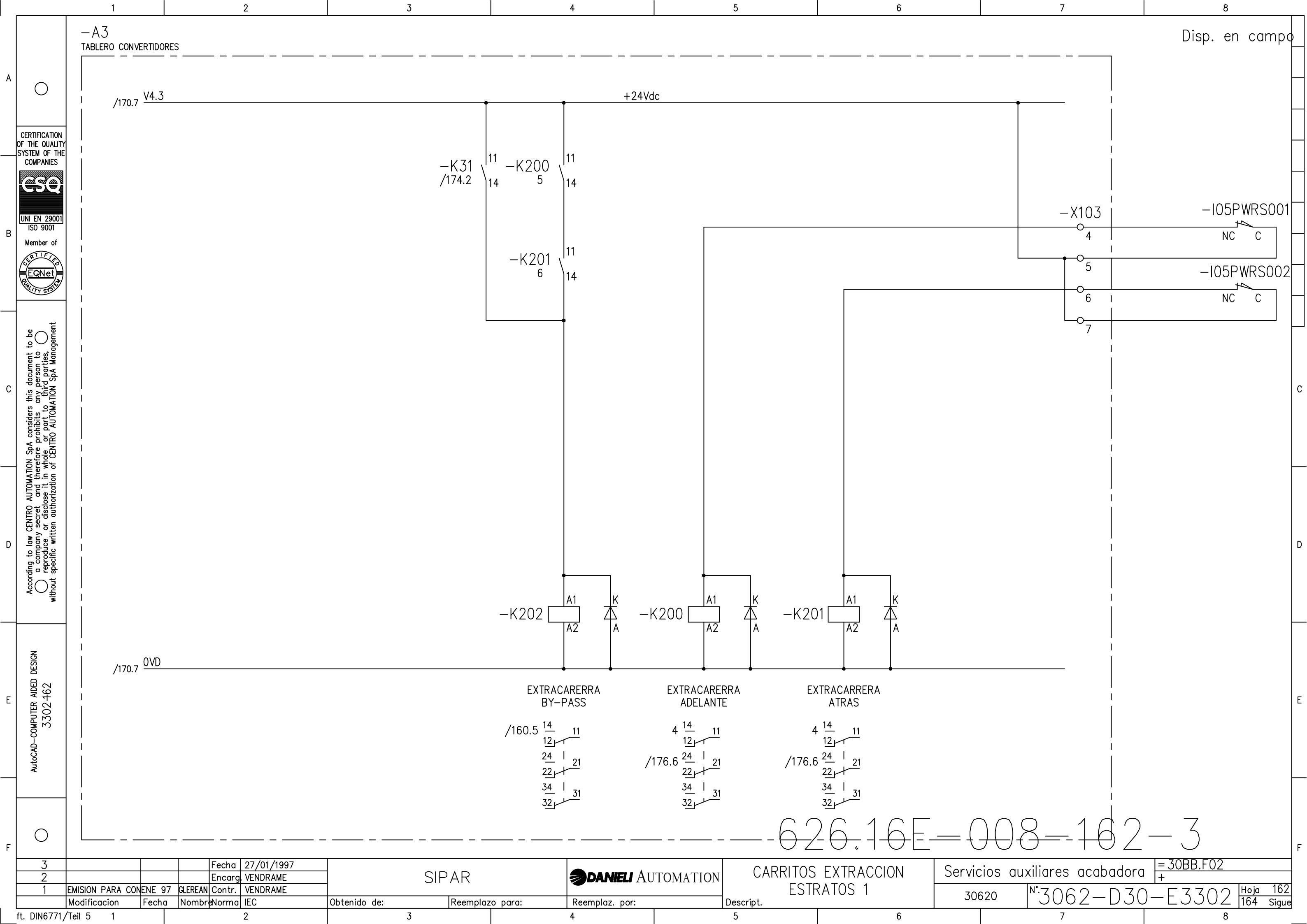
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ESTRATOS 1

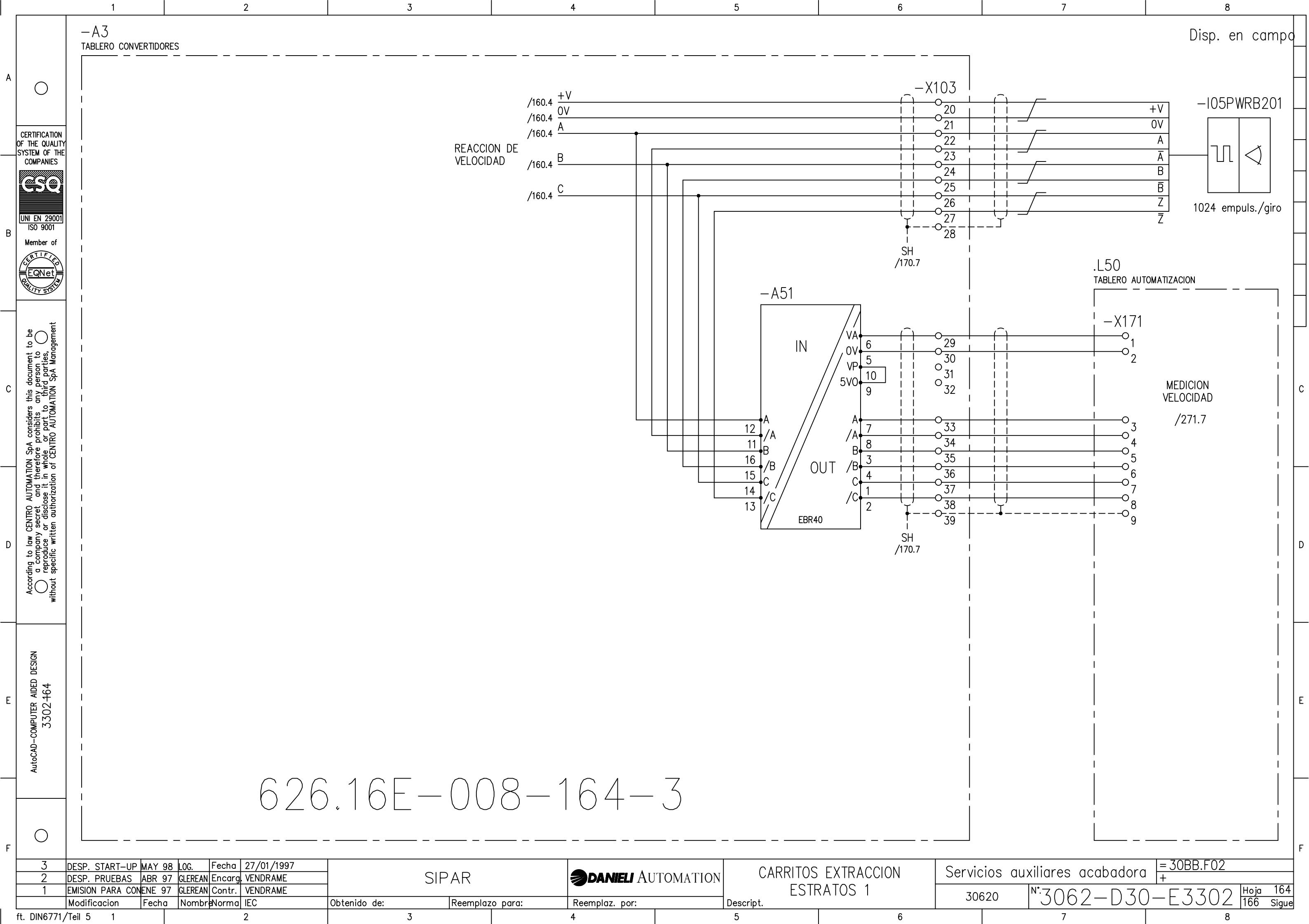
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+ Hoja 161

30620 N° 3062-D30-E3302 Hoja 162

Sigue 162





-A3
TABLERO CONVERTIDORES

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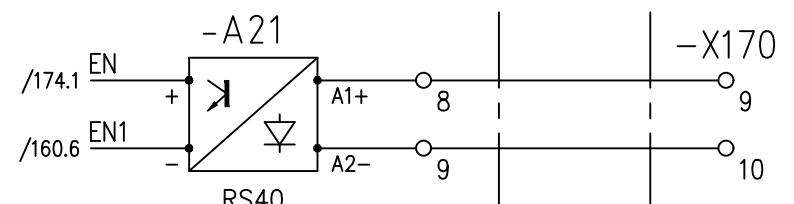
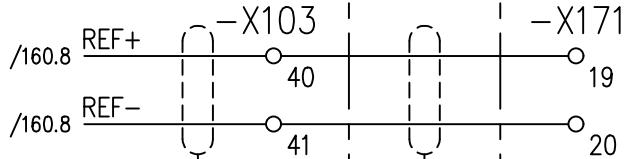
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3302466

626.16E-008-166-3



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 1	Servicios auxiliares acabadora		= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME						+ 166
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				30620	Nº: 3062-D30-E3302	Hoja 168
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.			Sigue

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TABLERO CONVERTIDORES

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COMPANIES



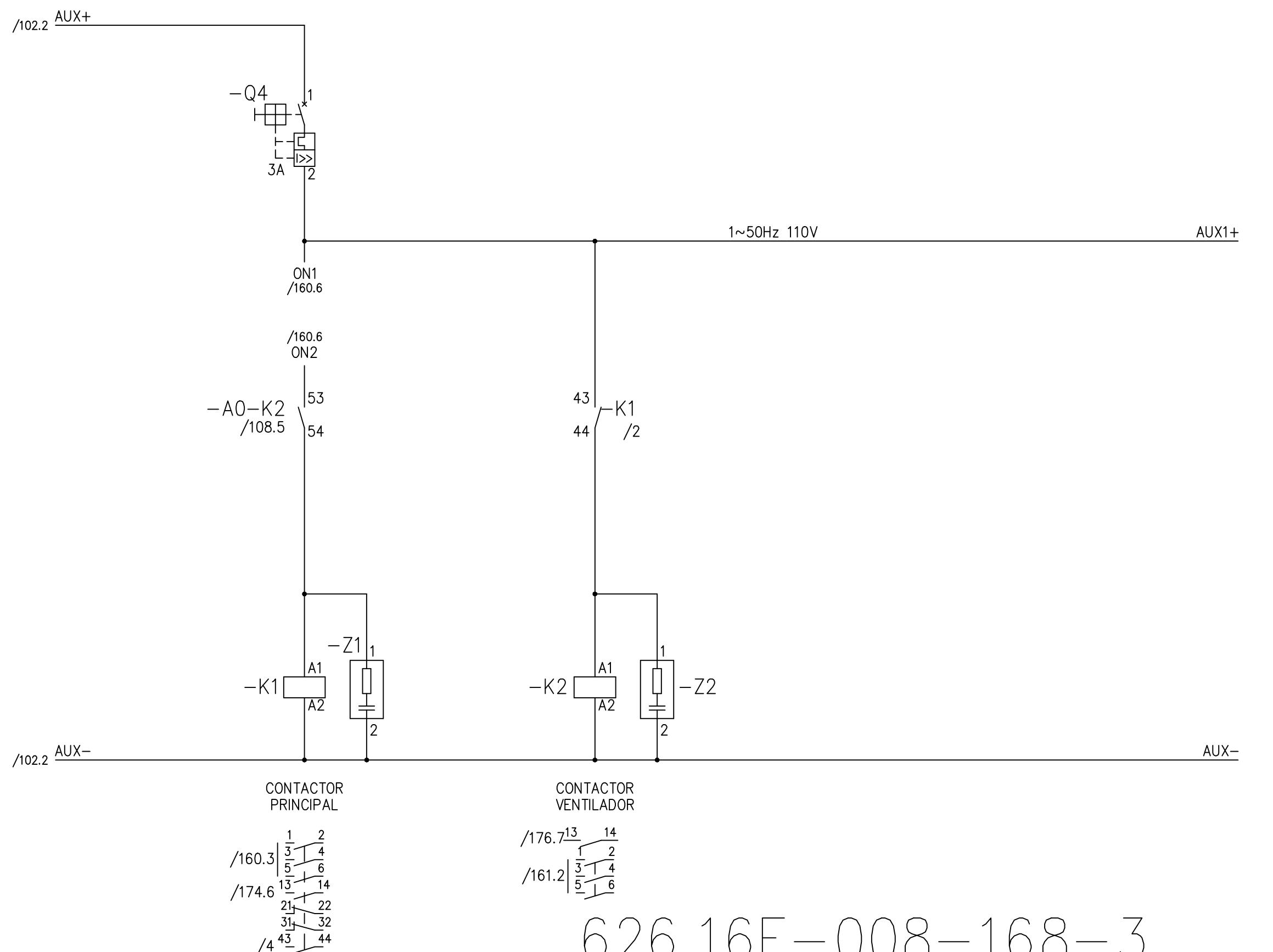
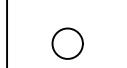
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AutoCAD-COMPUTER AIDED DESIGN
3.302-468



626.16E-008-168-3

3	DESP. START-UP	MAY 98	LOG.	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	Hoja 168
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					3062-D30-E3302	170 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		

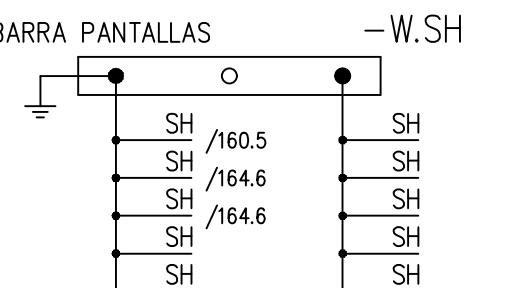
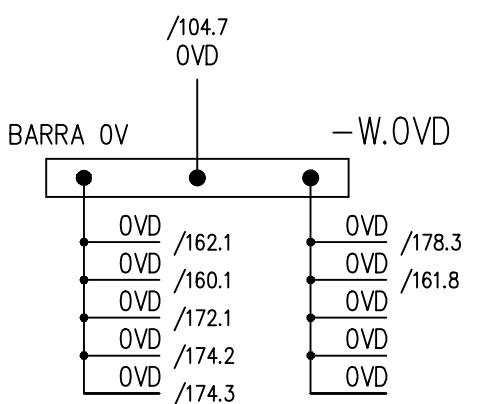
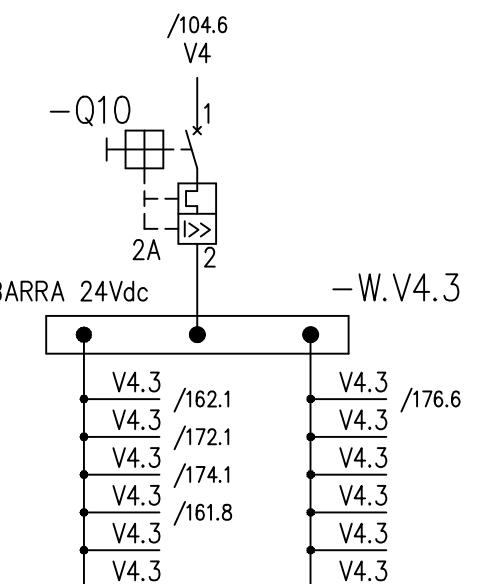
-A3
TABLERO CONVERTIDORES

A

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3.302470

O

626.16E-008-170-3



3	DESP. START-UP	MAY 98	LOG.	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
1	EMISION PARA CONEN 97	GLEREAN	Contr.	VENDRAME					Hoja 170	172 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:		

-A91

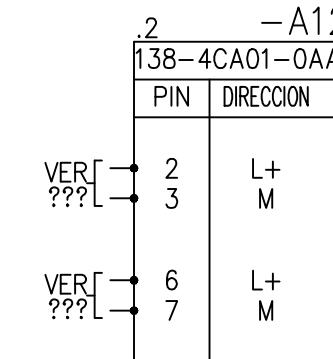
PLC

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AutoCAD-COMPUTER AIDED DESIGN
3302472

.3 -A122
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I208.0	/174.5
2	I208.2	/174.5
5	I208.1	/174.5
6	I208.3	/174.5

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

PIN	DIRECCION	REFER.
1	I208.4	/174.5
2	I208.6	/174.5
5	I208.5	/174.5
6	I208.7	/174.5

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

PIN	DIRECCION	REFER.
1	I209.0	/176.5
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.
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2	Q211.2	/176.3
5	Q211.1	/176.3
6	Q211.3	/176.3

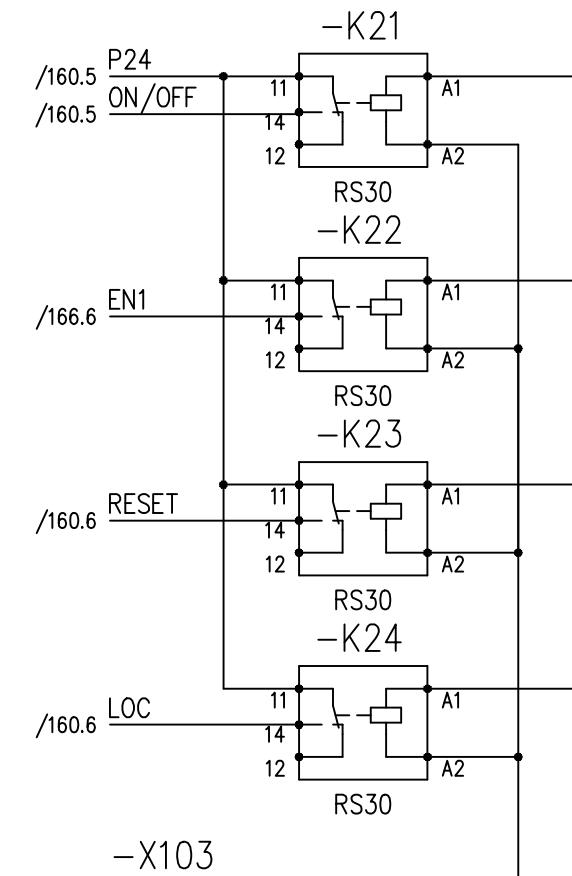
.6 -A129
6ES7 132-4BD02-0AA0

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	Nombre	Norma	IEC				Nº 3062-D30-E3302	Hoja 172
	Obtenido de:		Reemplazo para:		Reemplaz. por:			Descript.		Sigue 174

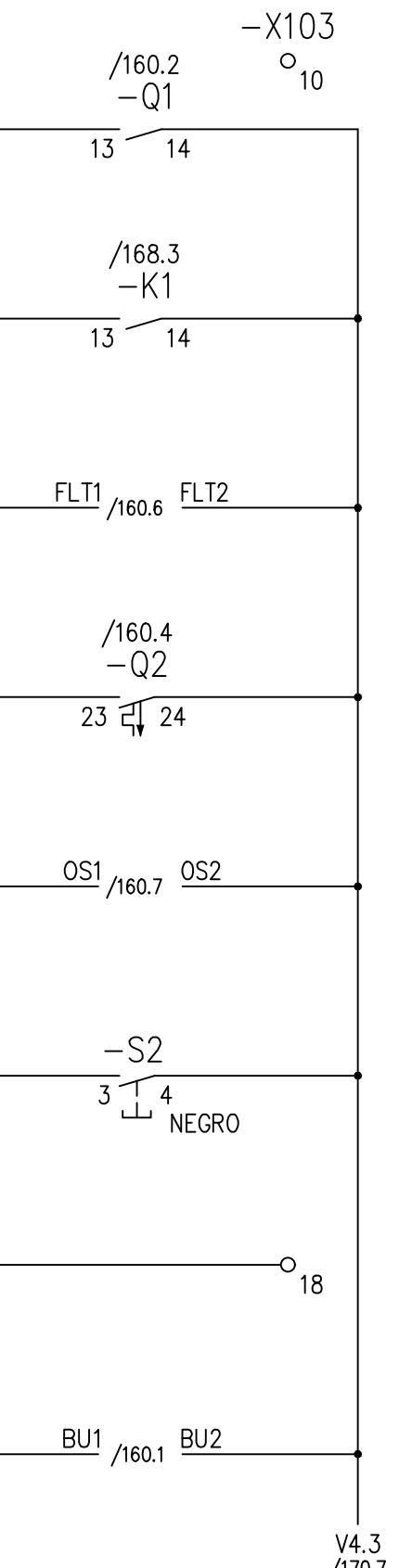
-A3
TABLERO CONVERTIDORES



-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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AutoCAD-COMPUTER AIDED DESIGN
3.302474

-H1
x1 x2
ROJO

626.16E-008-174-4

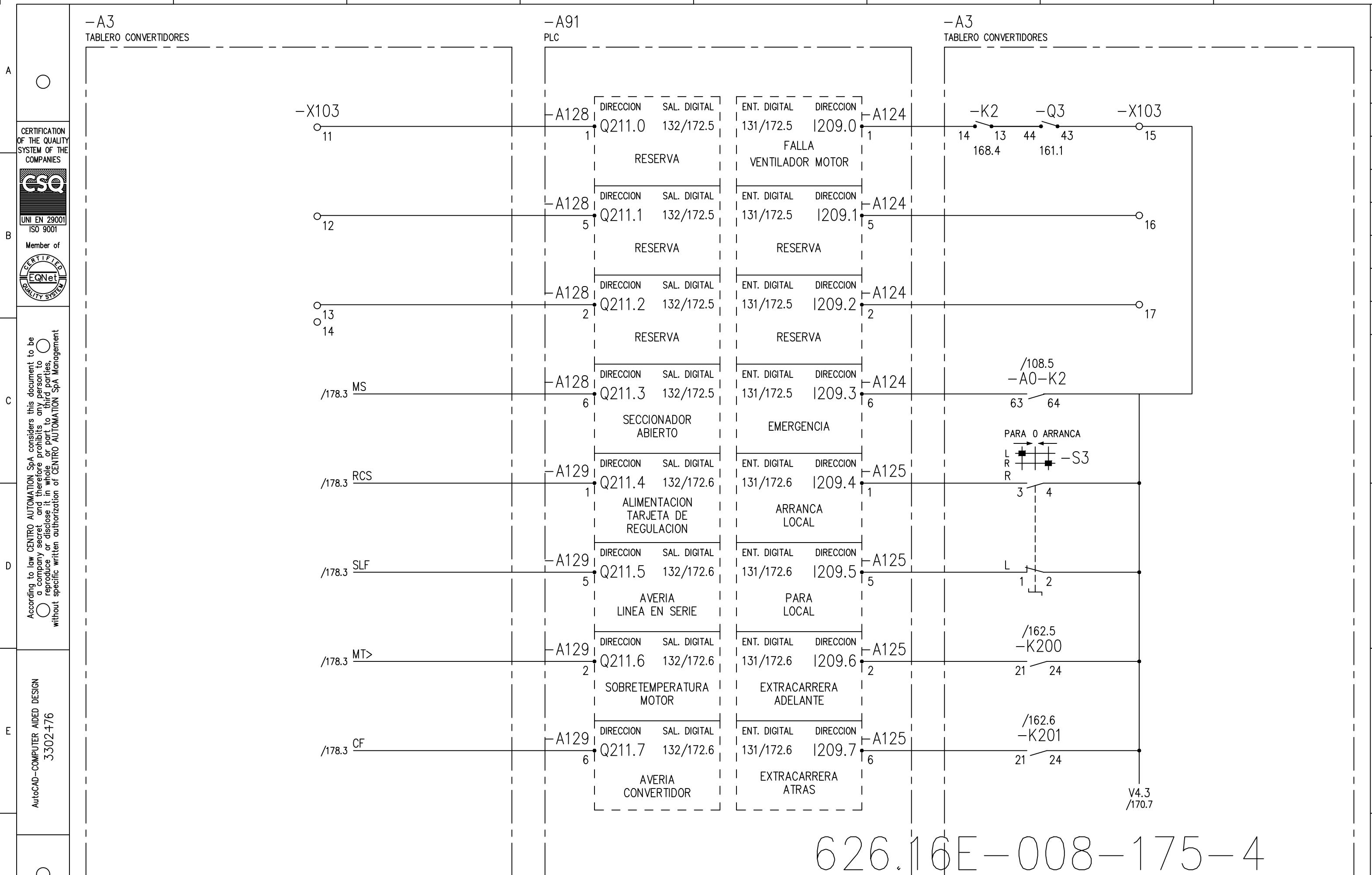
DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 1

Servicios auxiliares acabadora

=30BB.F02
+
30620

Hoja 174
176 Sigue



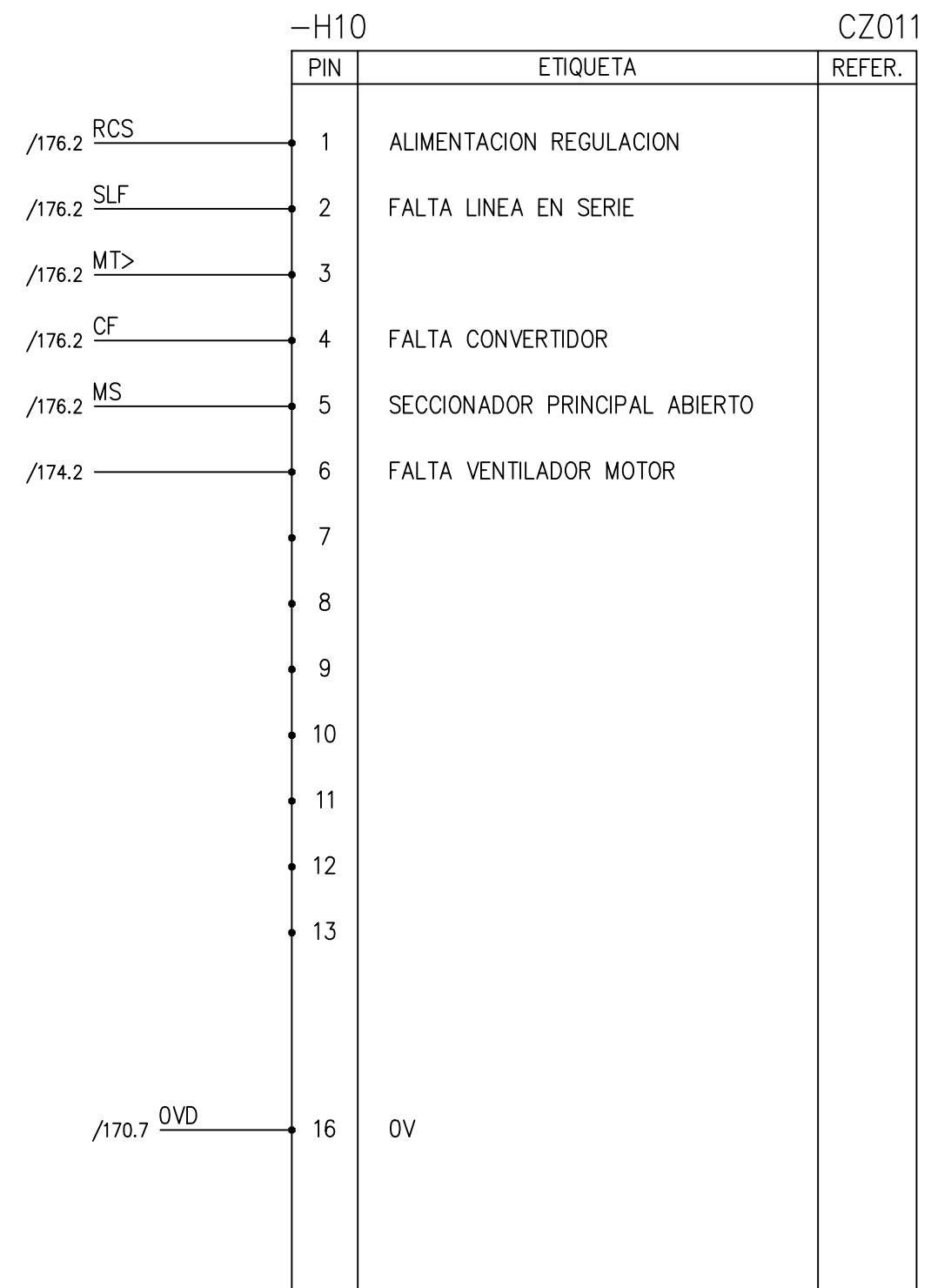
4	REVAMPING COTIZ	11.05.20	EPROC	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 1	Servicios auxiliares acabadora	= 30BB.F02
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME				+ 30620	
2	DESP. PRUEBAS	ABR 97	GLELEAN	Contr.	VENDRAME				3062-D30-E3302	Hoja 176
	Modificacion	Fecha	Nombre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

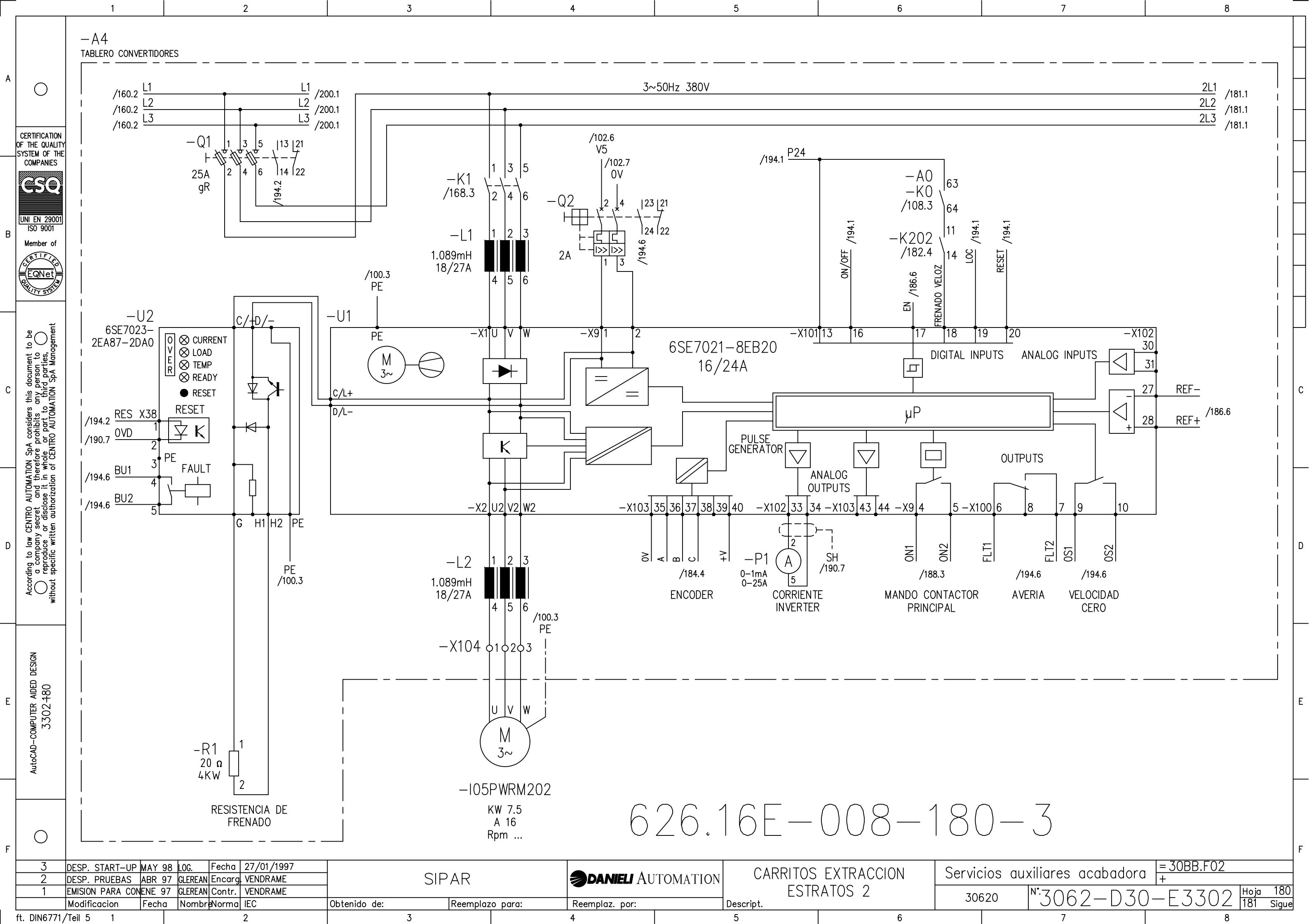
DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 1

Servicios auxiliares acabadora = 30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 178

180 Sigue



-A4

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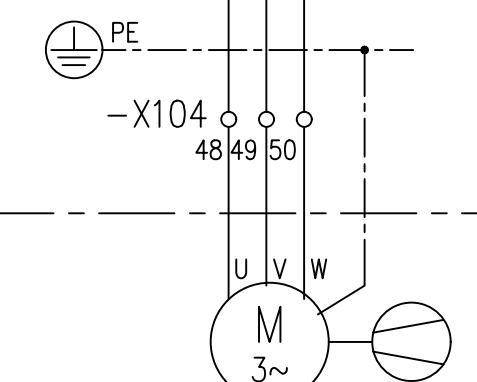
AutoCAD-COMPUTER AIDED DESIGN
3.302 420

ft. DIN6771/Teil 5 1

/180.8 L1 3~ 50Hz 380V
 /180.8 L2
 /180.8 L3

-Q3 3VCU13 00-1MG00
 1 - 1.6 A (1.2A)

-K2 3TF4022-0AF0
 /188.4



-I05PWRM202A

W 400
 A 1.2
 V 380
 Rpm 1500

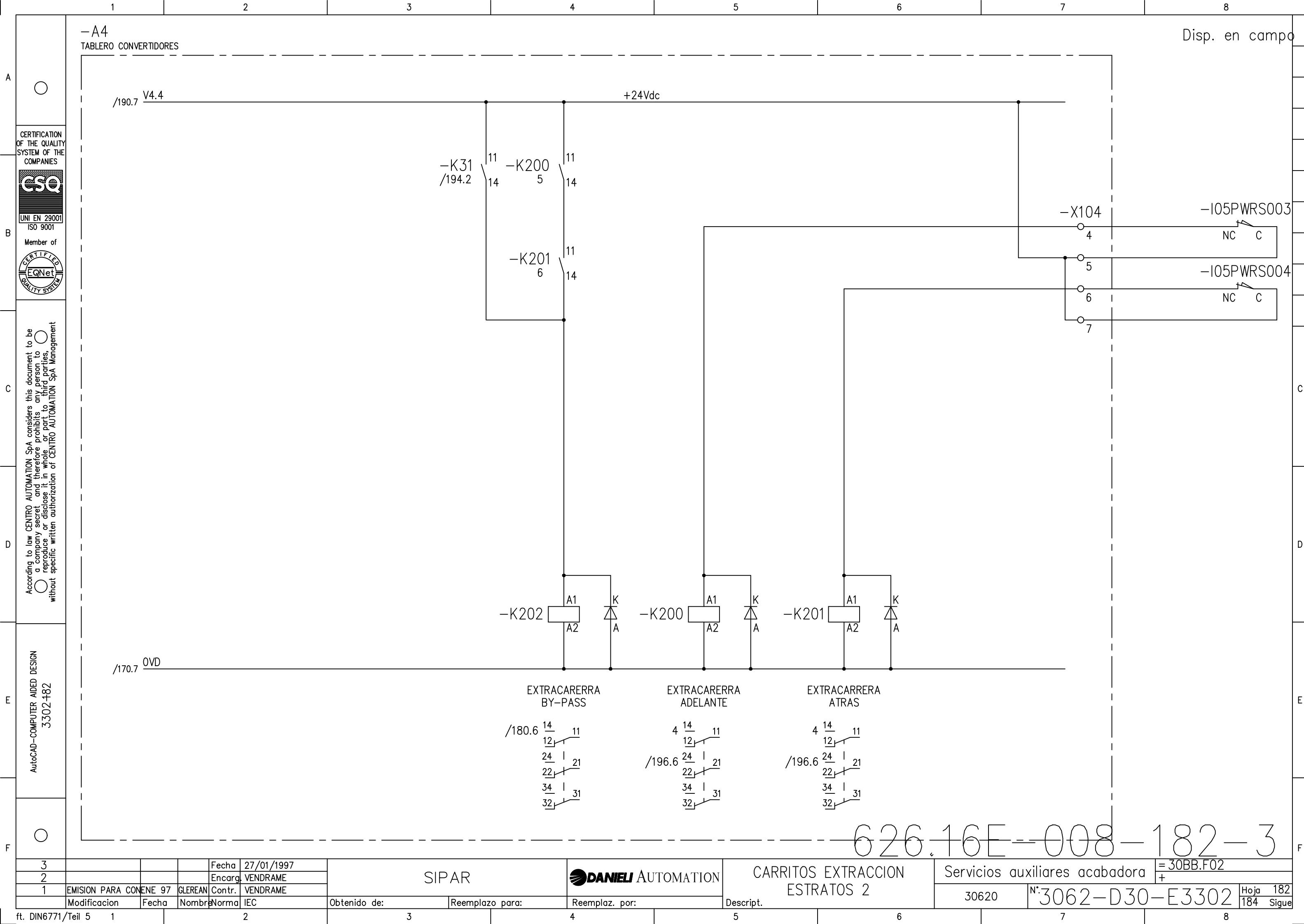
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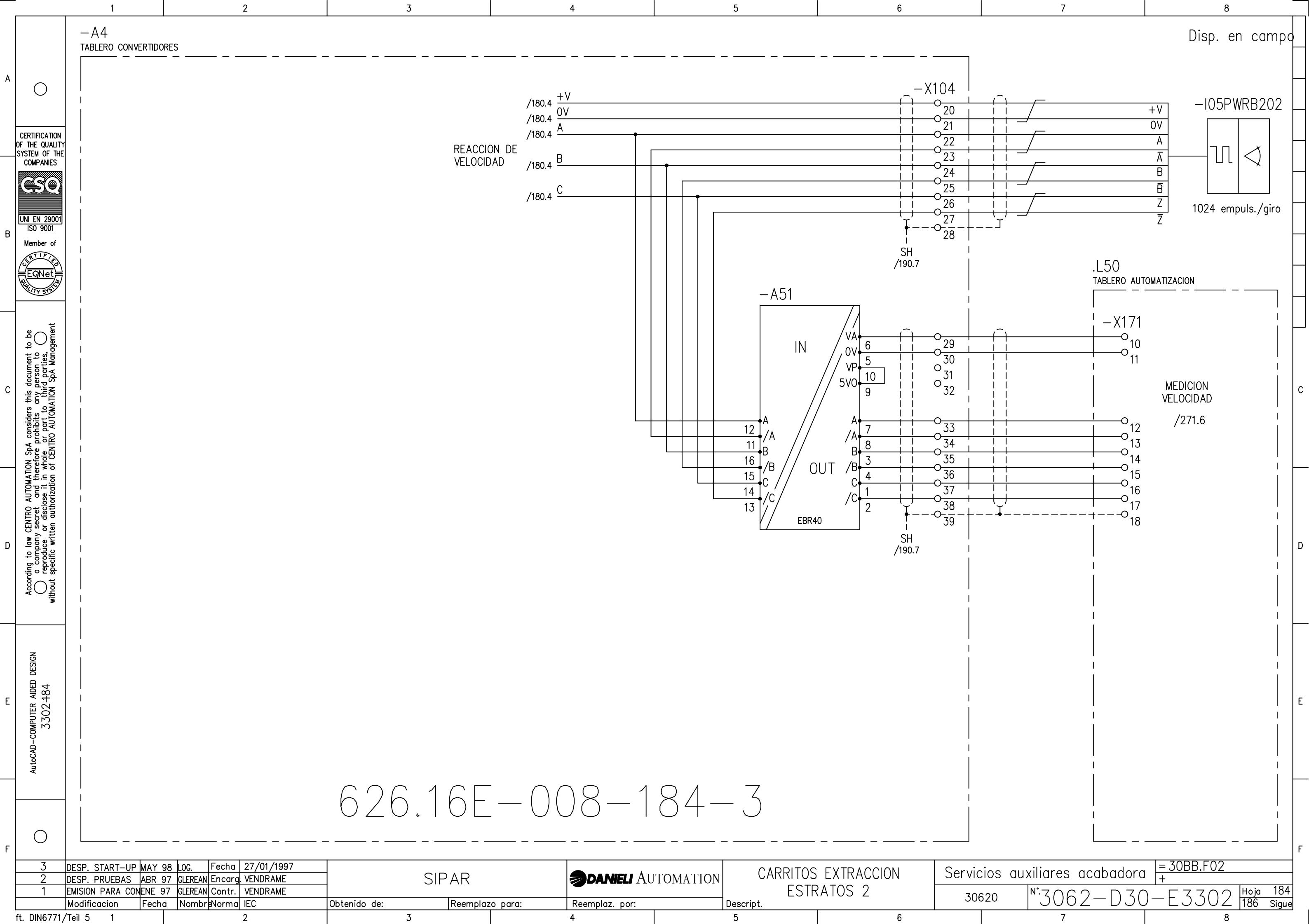
SIPAR

DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 2Servicios auxiliares acabadora = 30BB.F02
+
30620 N° 3062-D30-E3302 Hoja 181
182 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CARRITOS EXTRACCION ESTRATOS 2	Descript.	30620 N° 3062-D30-E3302	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME						+ 181
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME							182 Sigue
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:			





-A4
TABLERO CONVERTIDORES

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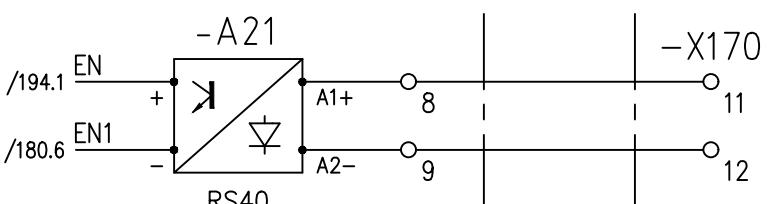
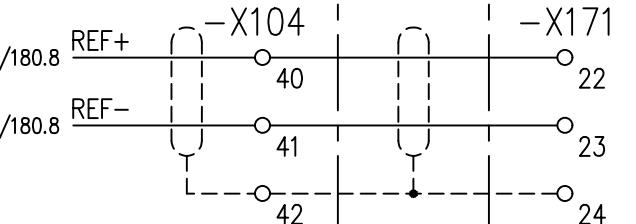
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AutoCAD-COMPUTER AIDED DESIGN
3.302-486

626.16E-008-186-3



REFERENCIA
DE VELOCIDAD
10V
/277.6

APROBACION
MARCHA
/277.6

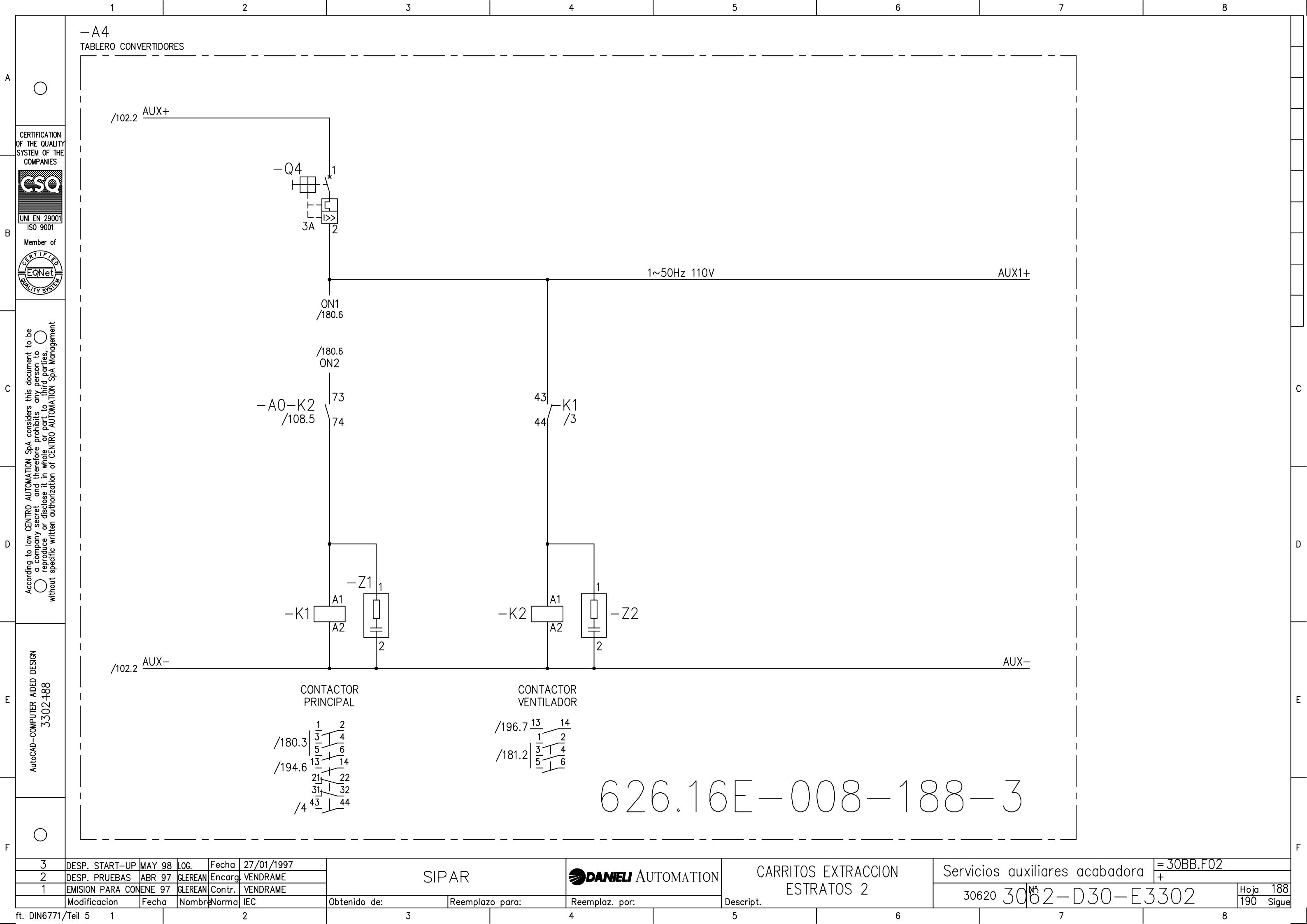
RED SINEC L2DP
SENALES DE CONVERTIDOR
A PLC

- 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.		

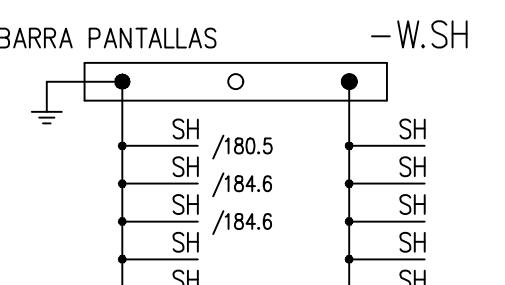
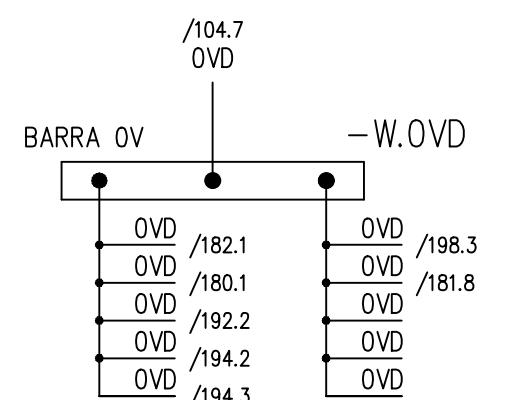
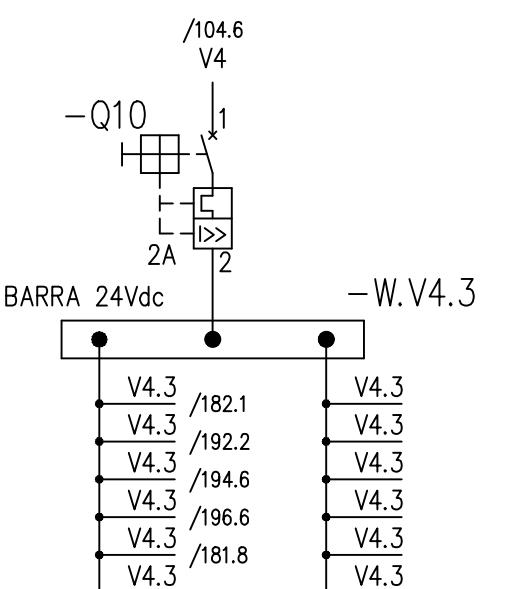


-A4
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3302490

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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

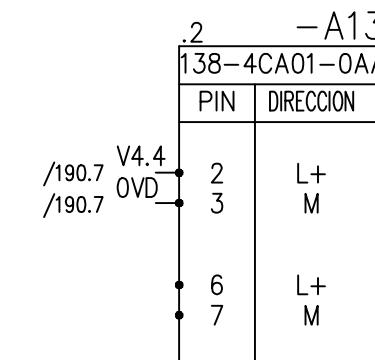
SIPAR

DANIELI AUTOMATION

CARRITOS EXTRACCION
ESTRATOS 2Servicios auxiliares acabadora
= 30BB.F02
+
30620 N° 3062-D30-E3302Hoja 190
192 Sigue

-A91

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3302-492

.3 -A131
6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I212.0	/194.5
2	I212.2	/194.5
5	I212.1	/194.5
6	I212.3	/194.5

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

PIN	DIRECCION	REFER.
1	I212.4	/194.5
2	I212.6	/194.5
5	I212.5	/194.5
6	I212.7	/194.5

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

PIN	DIRECCION	REFER.
1	I213.0	/196.5
2	I213.2	/196.5
5	I213.1	/196.5
6	I213.3	/196.5

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

PIN	DIRECCION	REFER.
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2	I213.6	/196.5
5	I213.5	/196.5
6	I213.7	/196.5

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

PIN	DIRECCION	REFER.
1	Q214.0	/194.3
2	Q214.2	/194.3
5	Q214.1	/194.3
6	Q214.3	/194.3

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

PIN	DIRECCION	REFER.
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2	Q214.6	/194.3
5	Q214.5	/194.3
6	Q214.7	/194.3

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

PIN	DIRECCION	REFER.
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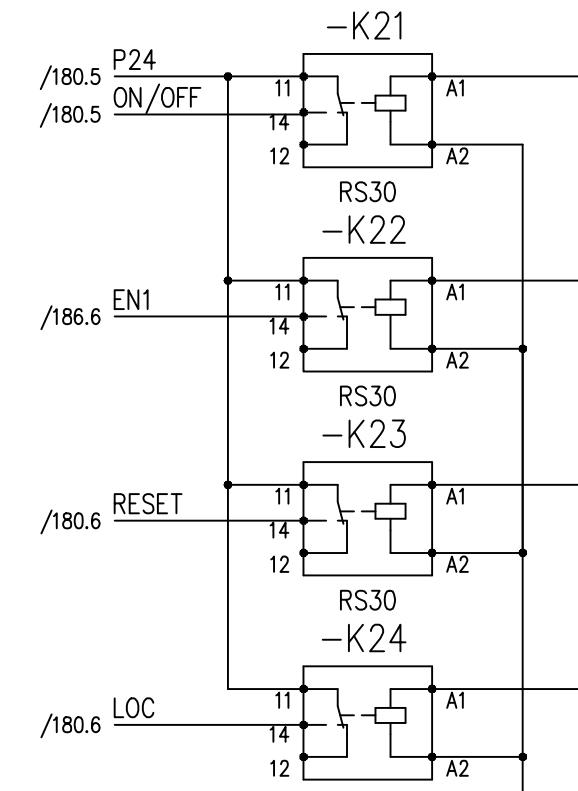
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PIN	DIRECCION	REFER.
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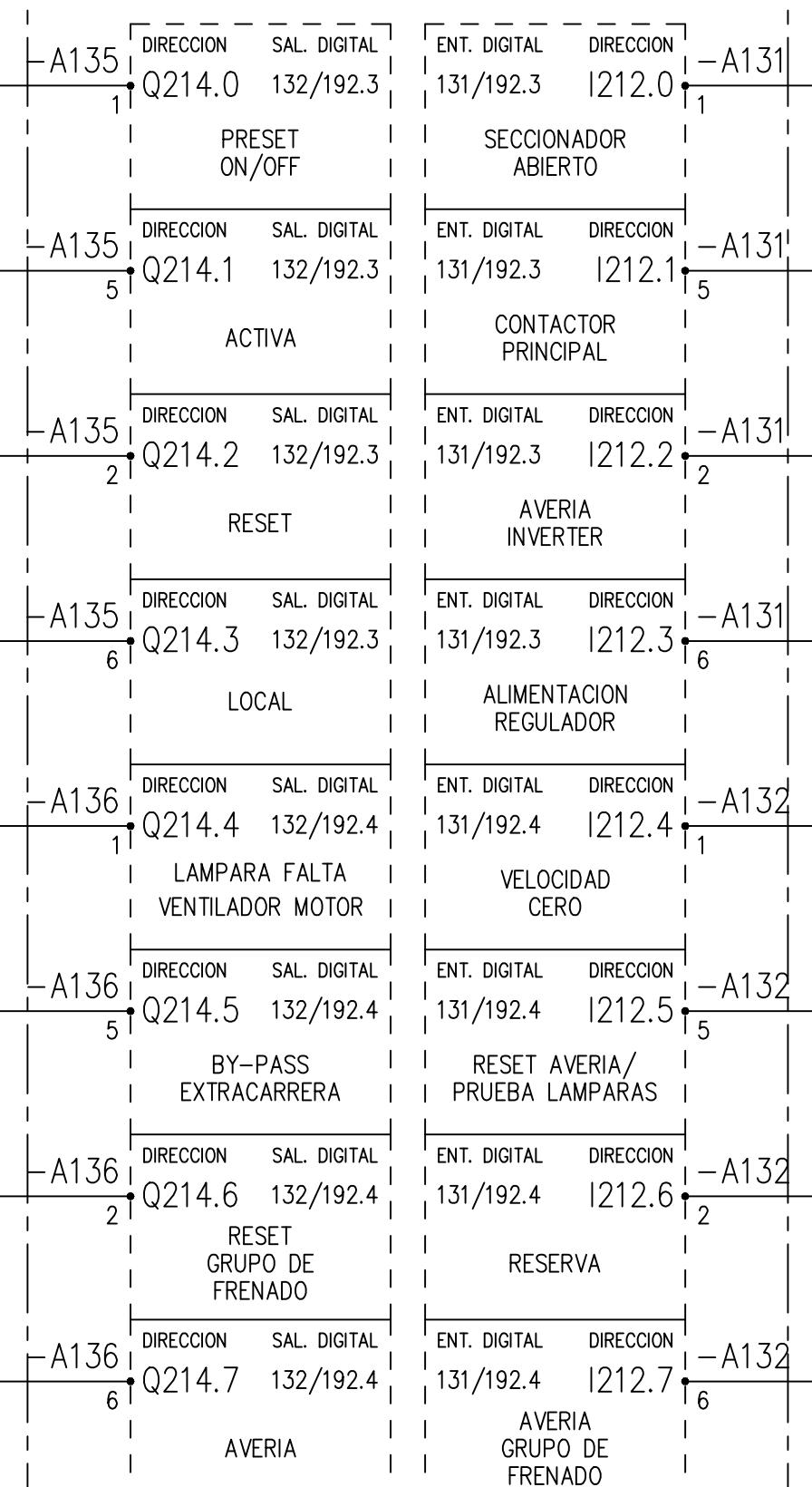
626.16E-008-192-4

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.	VENDRAM					+ 30620	
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Nº 3062-D30-E3302	Hoja 192
								Descript.		Sigue 194

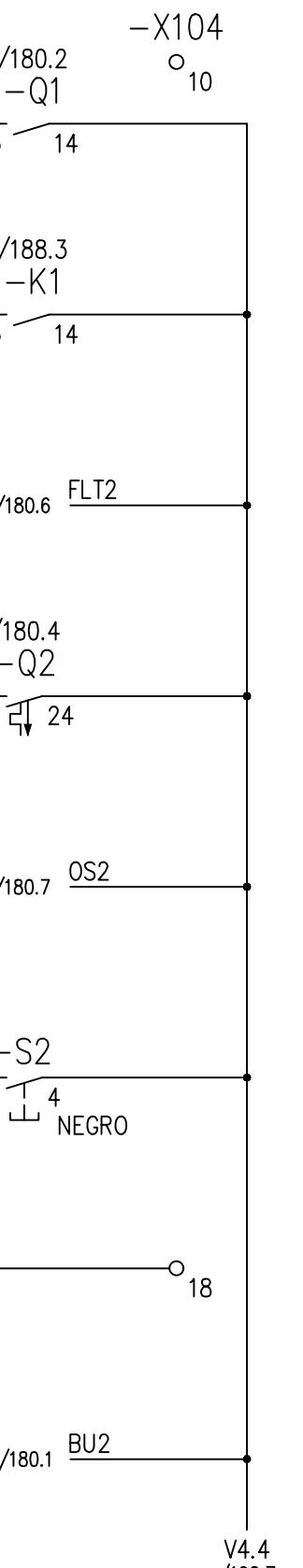
-A4
TABLERO CONVERTIDORES



-A91



-A4
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3302494

626.16E-008-194-4

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

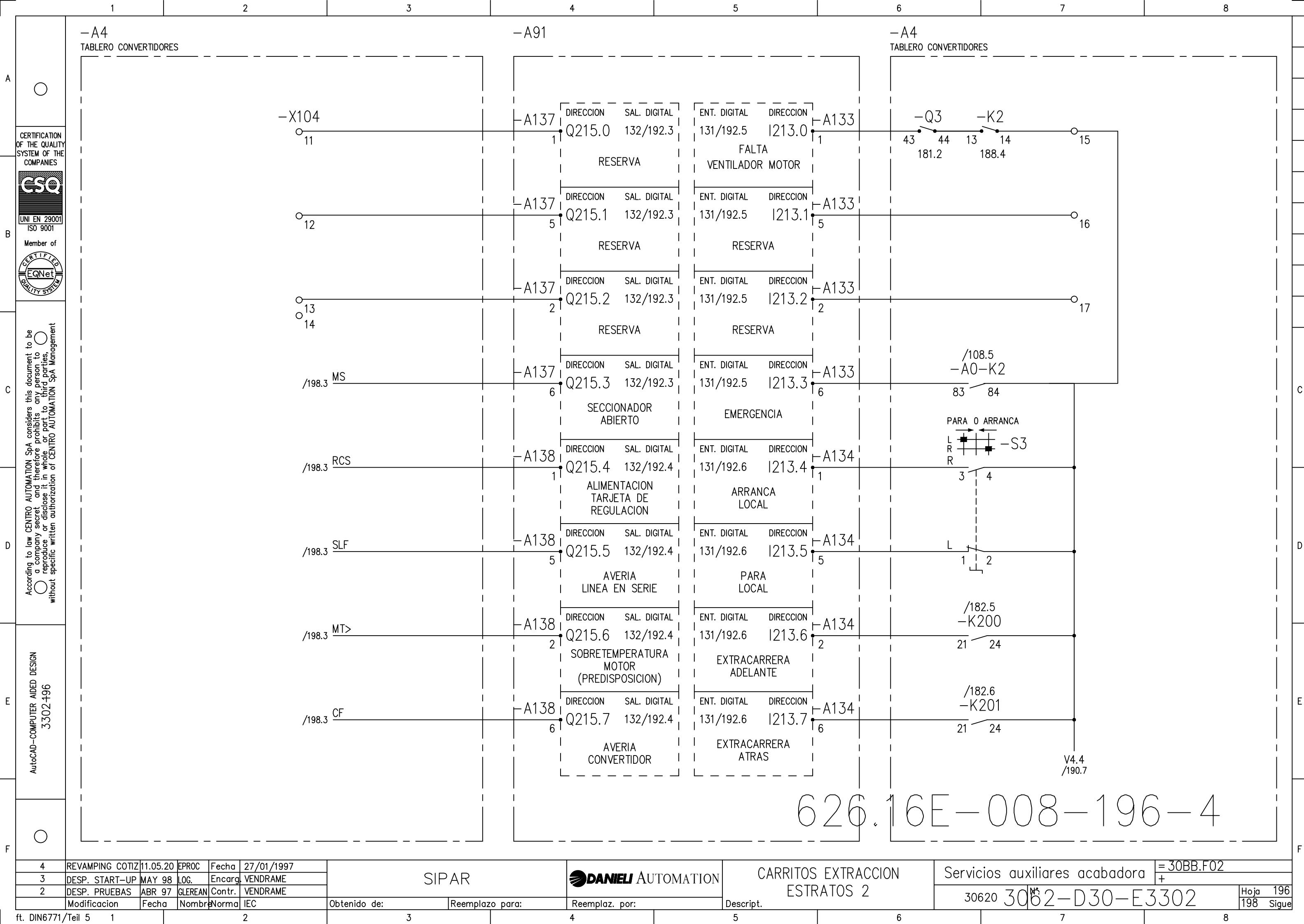
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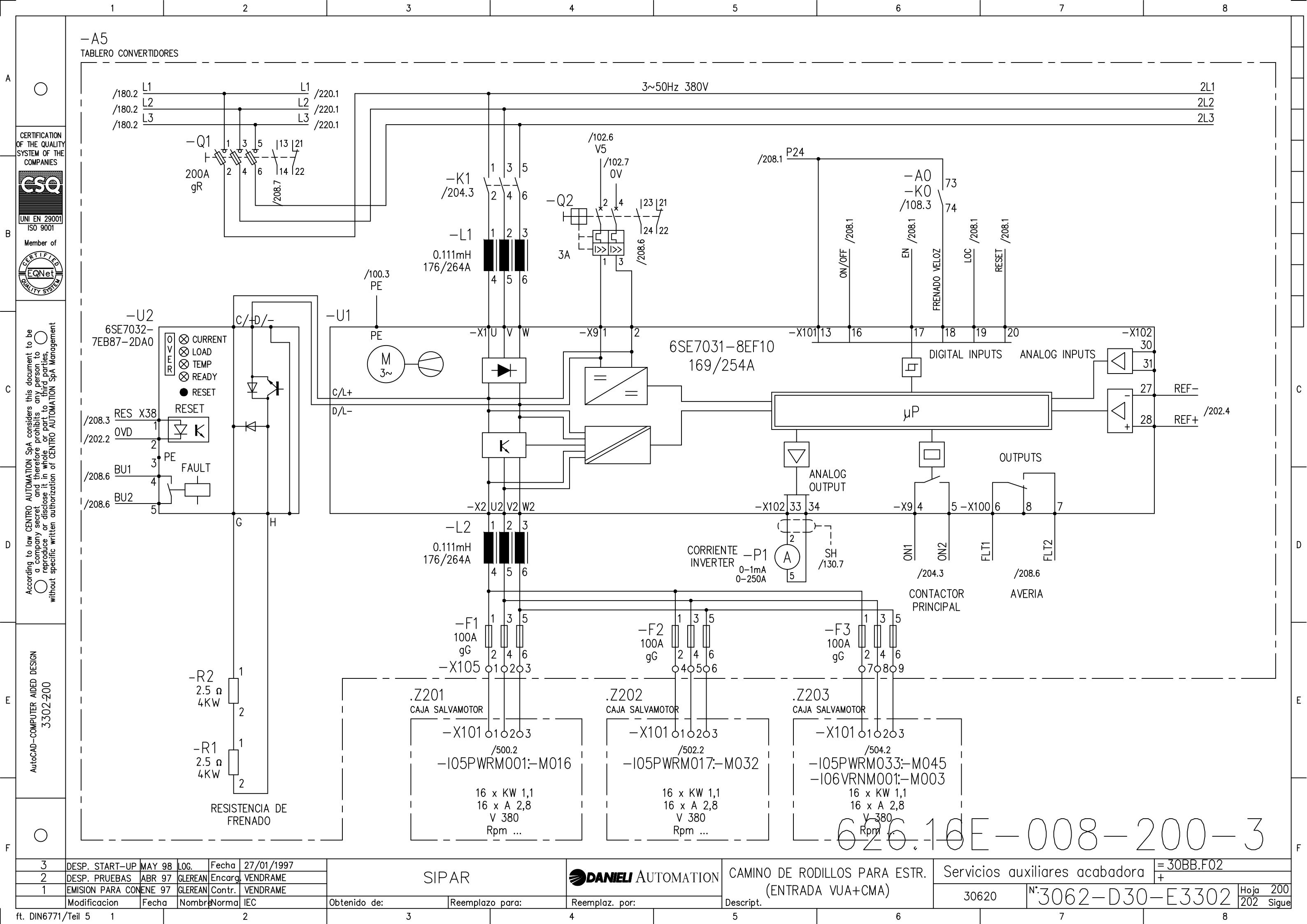
DANIELI AUTOMATION

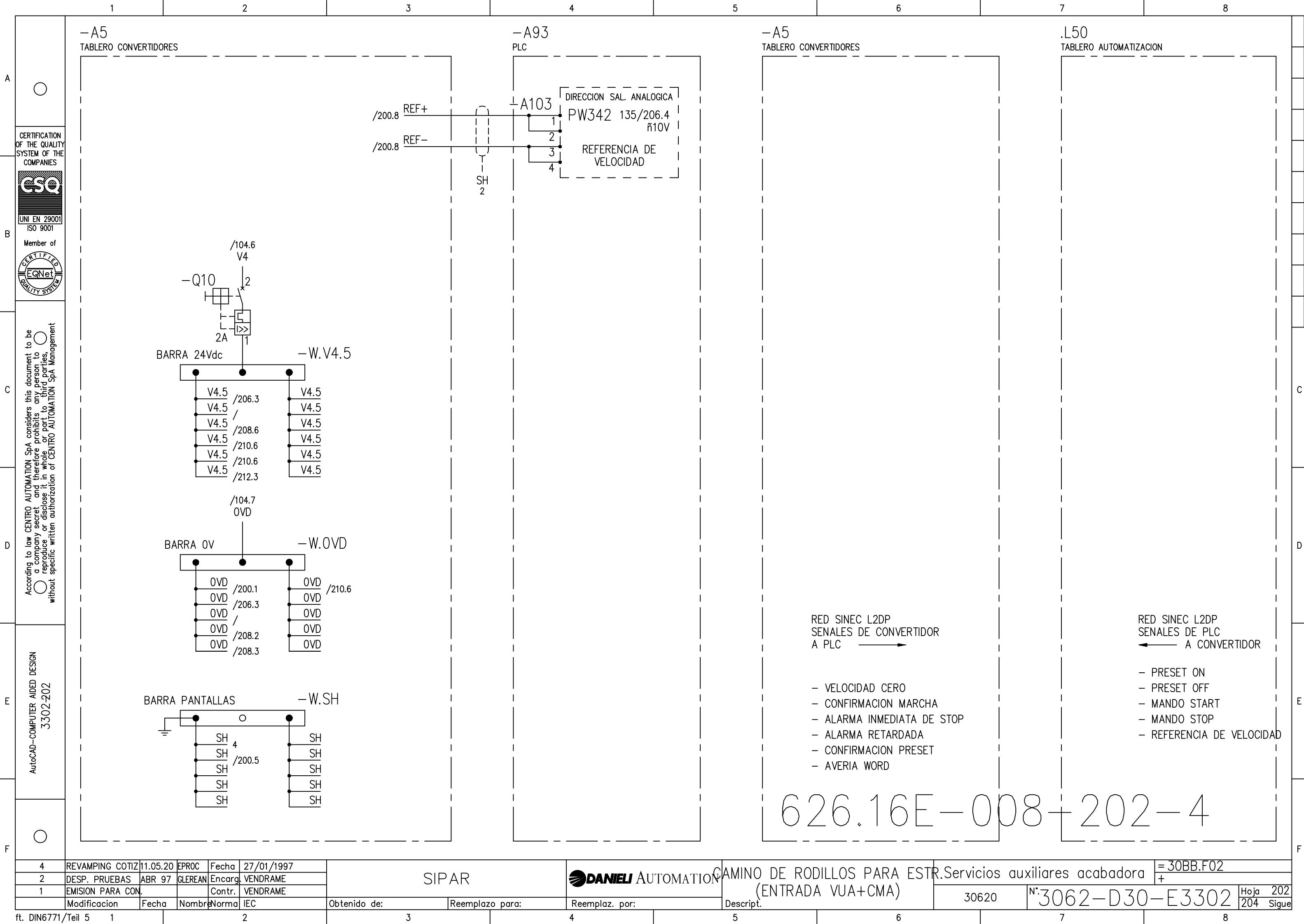
CARRITOS EXTRACCION
ESTRATOS 2

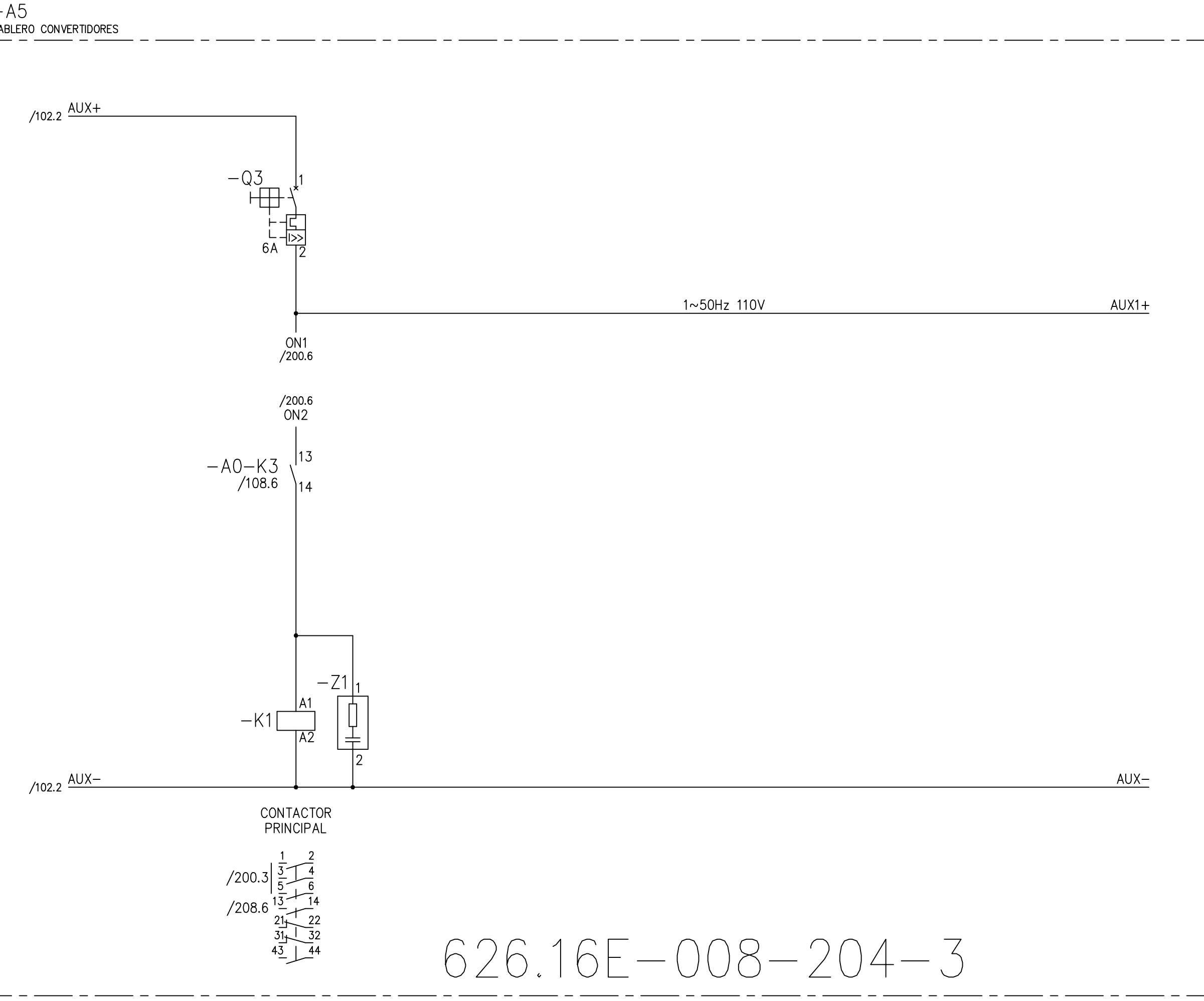
Servicios auxiliares acabadora
= 30BB.F02

+
30620 N° 3062-D30-E3302 Hoja 194
196 Sigue



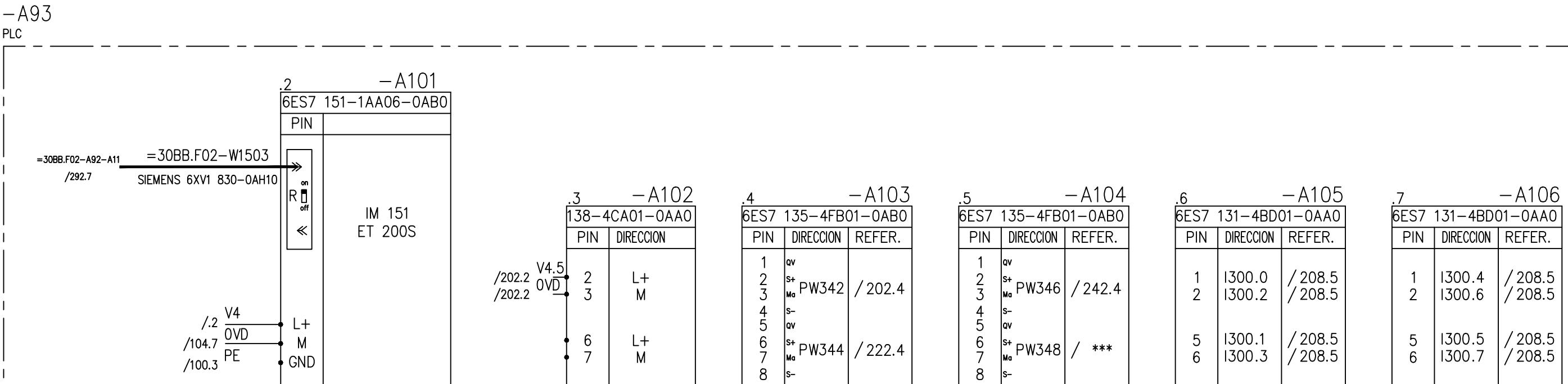






3				Fecha	27/01/1997	SIPAR	 DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (ENTRADA VUA+CMA)	=30BB.F02	
2	DESP. PRUEBAS	ABR 97	GLELEAN	Encarg.	VENDRAME				+ +	
1	EMISION PARA CON	ENE 97	GLELEAN	Contr.	VENDRAME					
	Modificacion	Fecha	Nombre	Norma	IEC					
Obtenido de:		Reemplazo para:		Reemplaz. por:		Descript.	30620	Nº. 3062-D30-E3302	Hoja 204 206 Sigue	
ft. DIN6771 / Teil 5 1		2		3		4	5	6	7	8

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C
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.1 -A107
6ES7 131-4BD01-0AA0
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2 I301.2 / 210.5
5 I301.1 / 210.5
6 I301.3 / 210.5

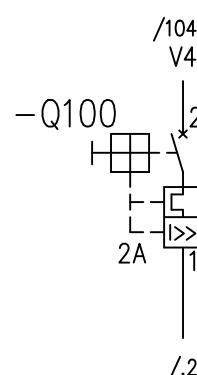
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2 I301.6 / 210.5
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.3 -A109
6ES7 132-4BD02-0AA0
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6 Q302.3 / 208.4

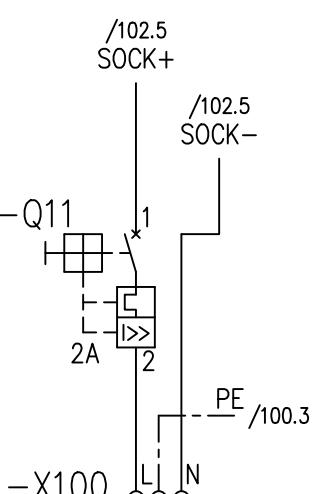
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1 Q302.4 / 208.4
2 Q302.6 / 208.4
5 Q302.5 / 208.4
6 Q302.7 / 208.4

.5 -A111
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.
1 Q303.0 / 210.4
2 Q303.2 / 210.4
5 Q303.1 / 210.4
6 Q303.3 / 210.4

.6 -A112
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.
1 Q303.4 / 210.4
2 Q303.6 / 210.4
5 Q303.5 / 210.4
6 Q303.7 / 210.4

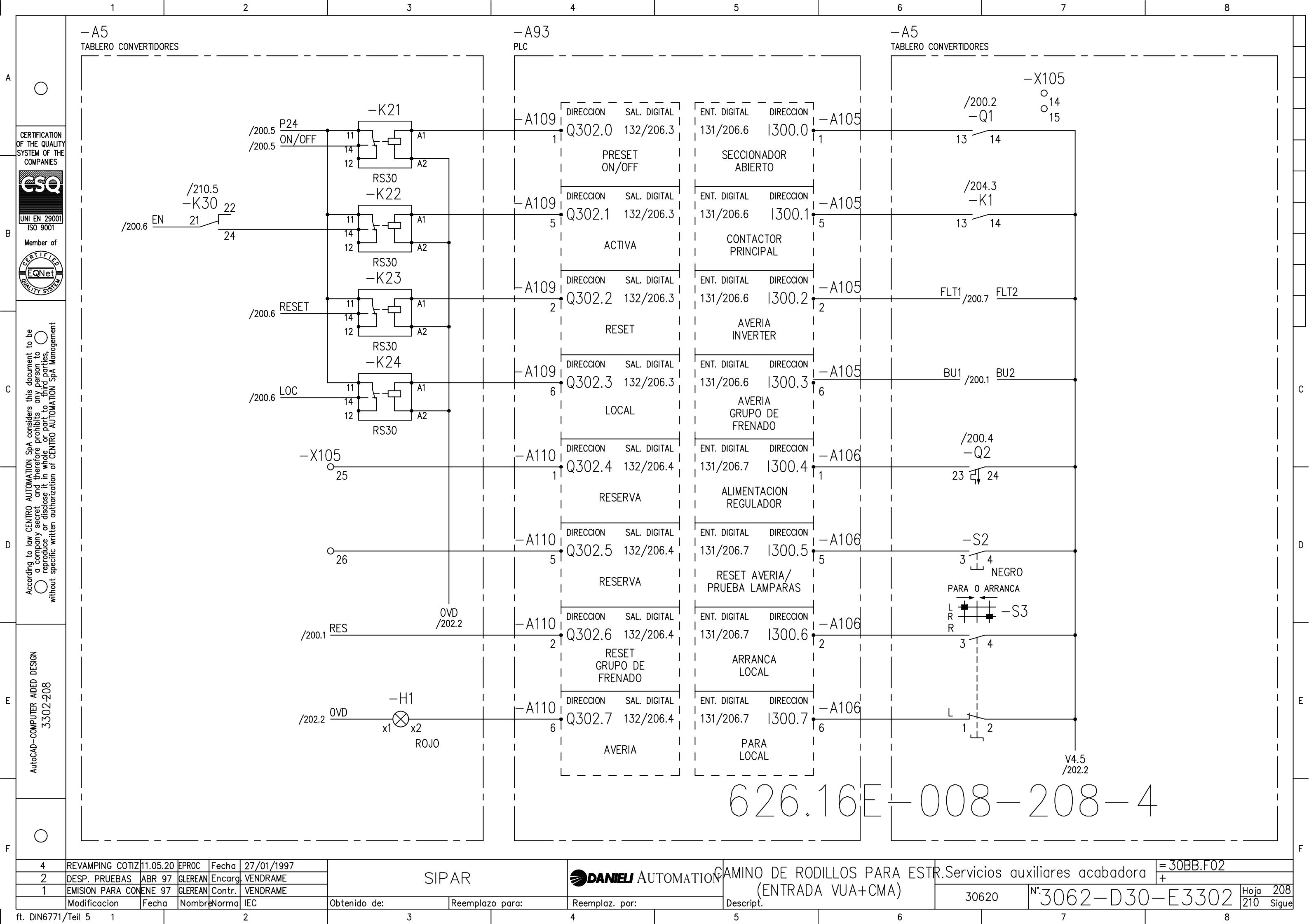


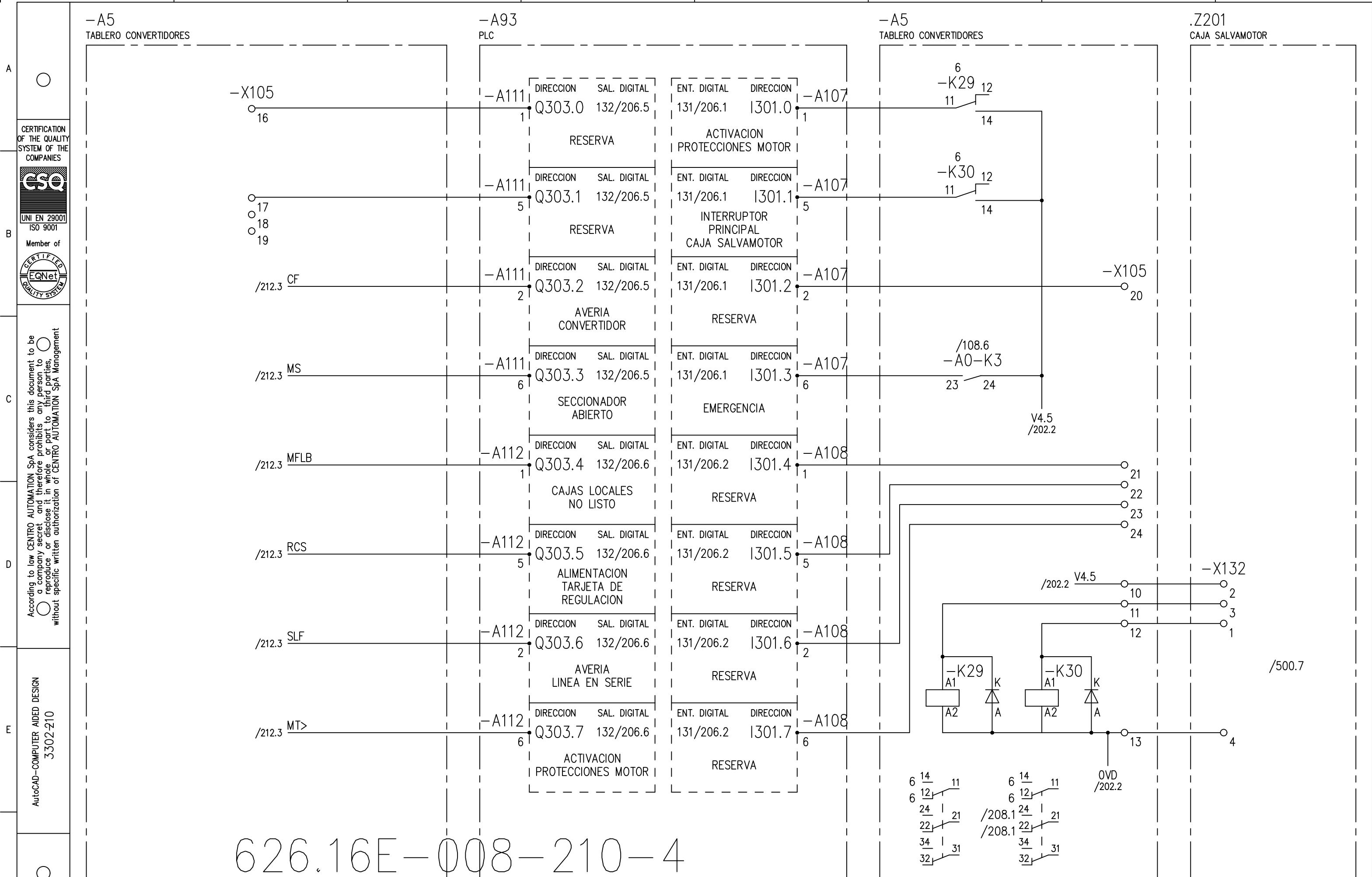
E
AutoCAD-COMPUTER AIDED DESIGN
3302-206



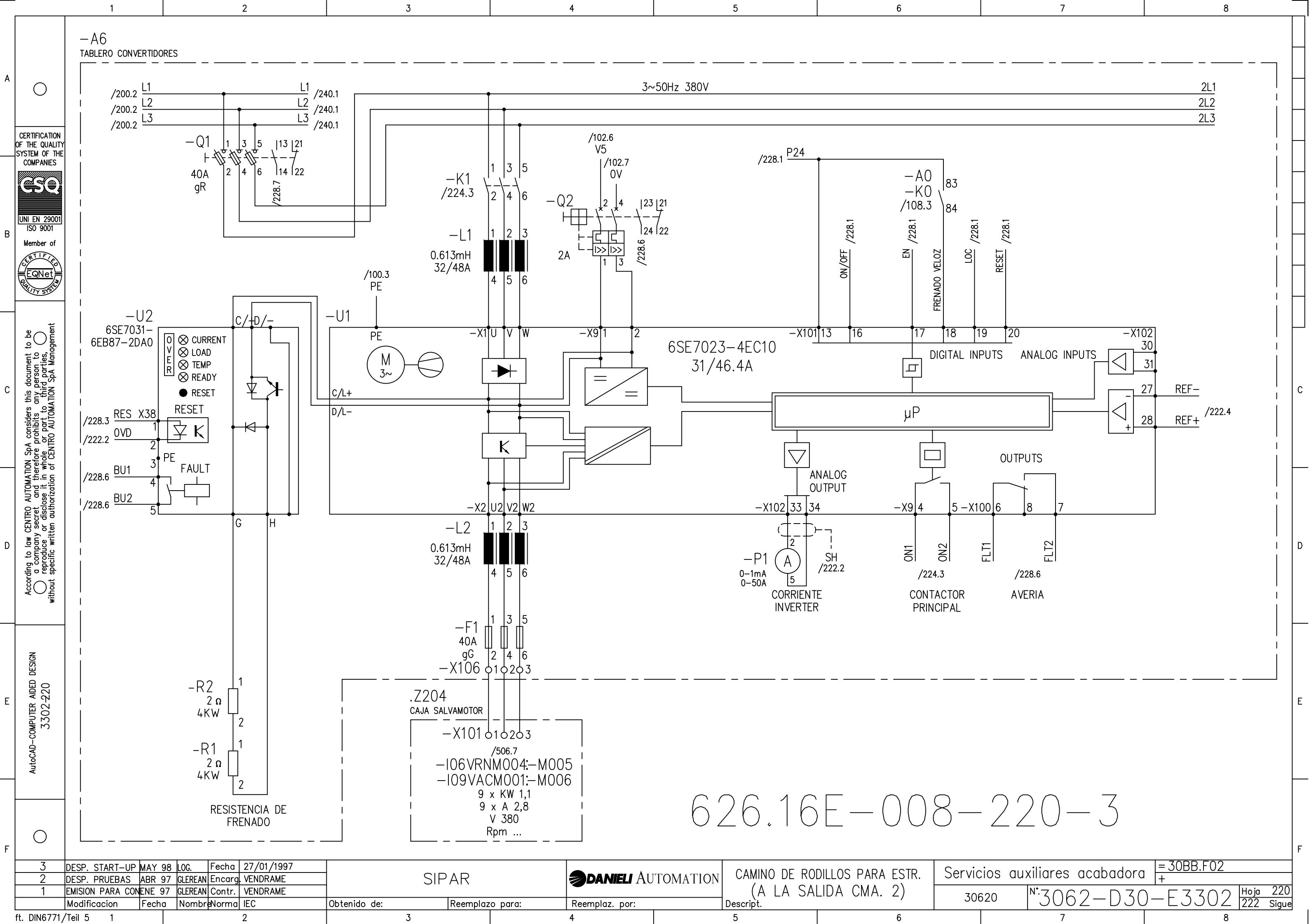
626.16E-008-206-5

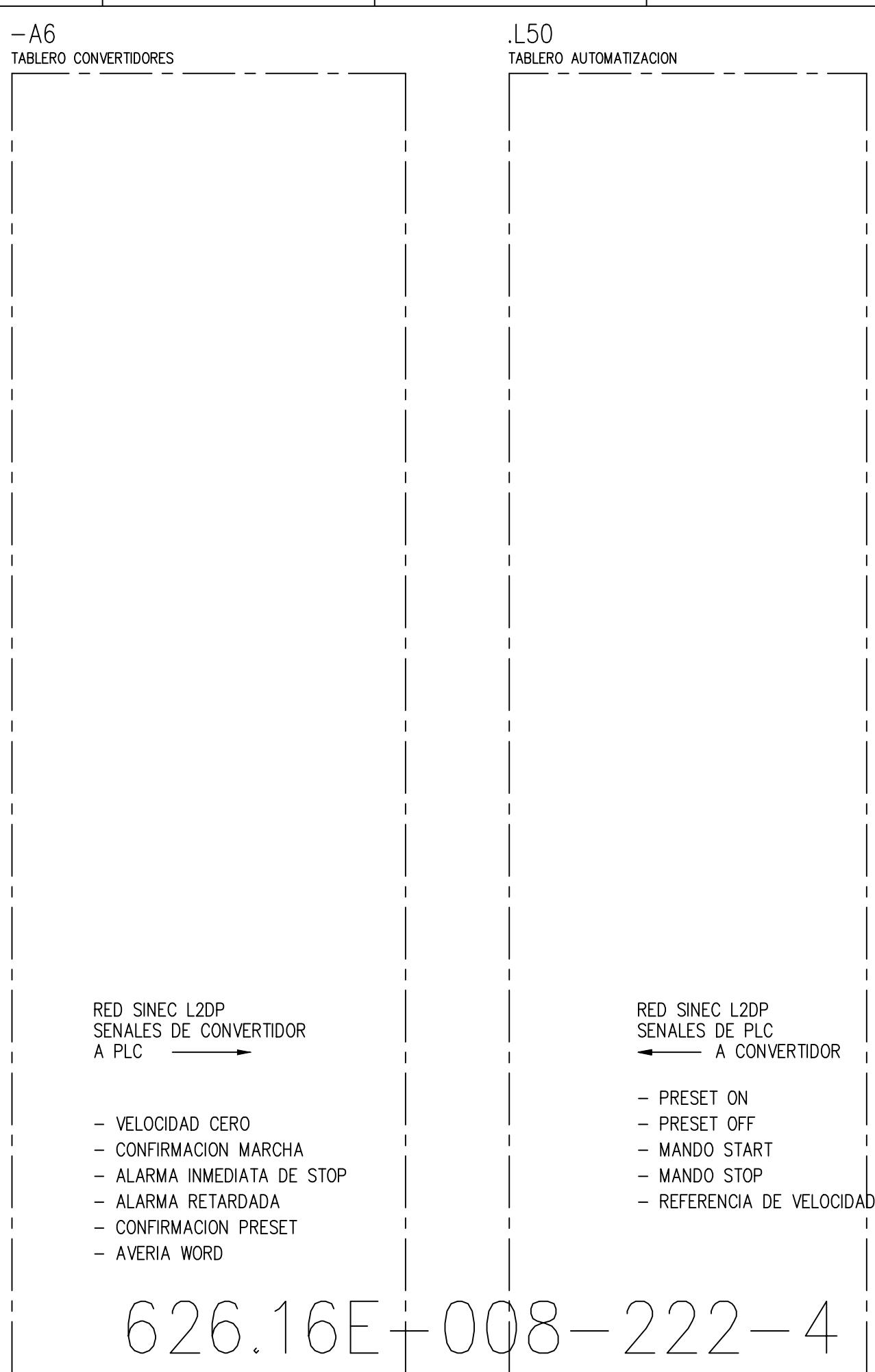
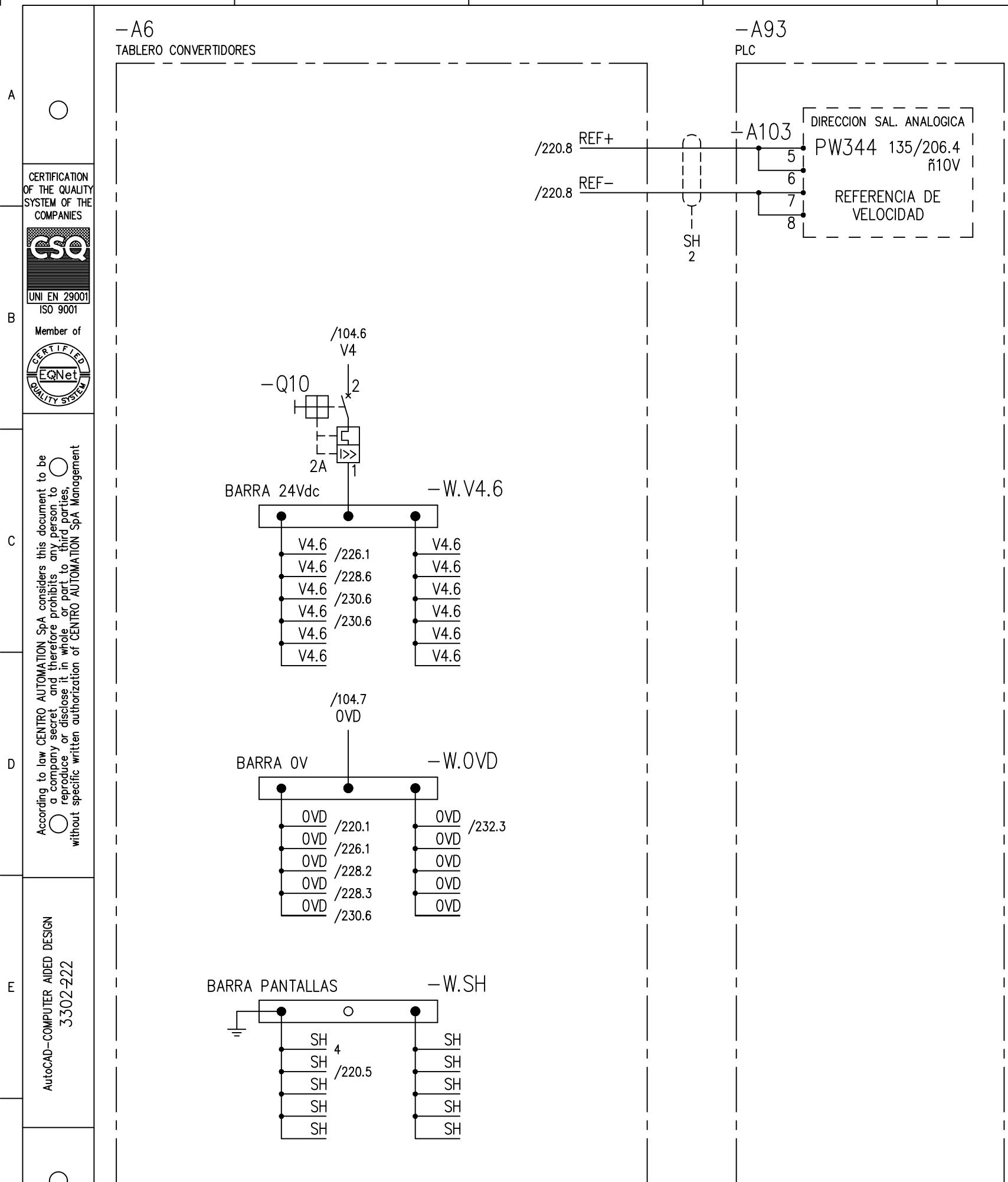
			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. SERVICIOS AUXILIARES ACABADORA (ENTRADA VUA+CMA)	=30BB.F02
5	REVAMPING COTIZ.	11.05.20	EPROC	Encarg.				+ +
1	EMISION PARA CONCE	ENE 97	GLEREAN	Contr.				30620
Modificación	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Hoja 206 208 Sigue
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





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

CERTIFICATION
OF THE QUALITY
SYSTEM OF THE
COMPANIES



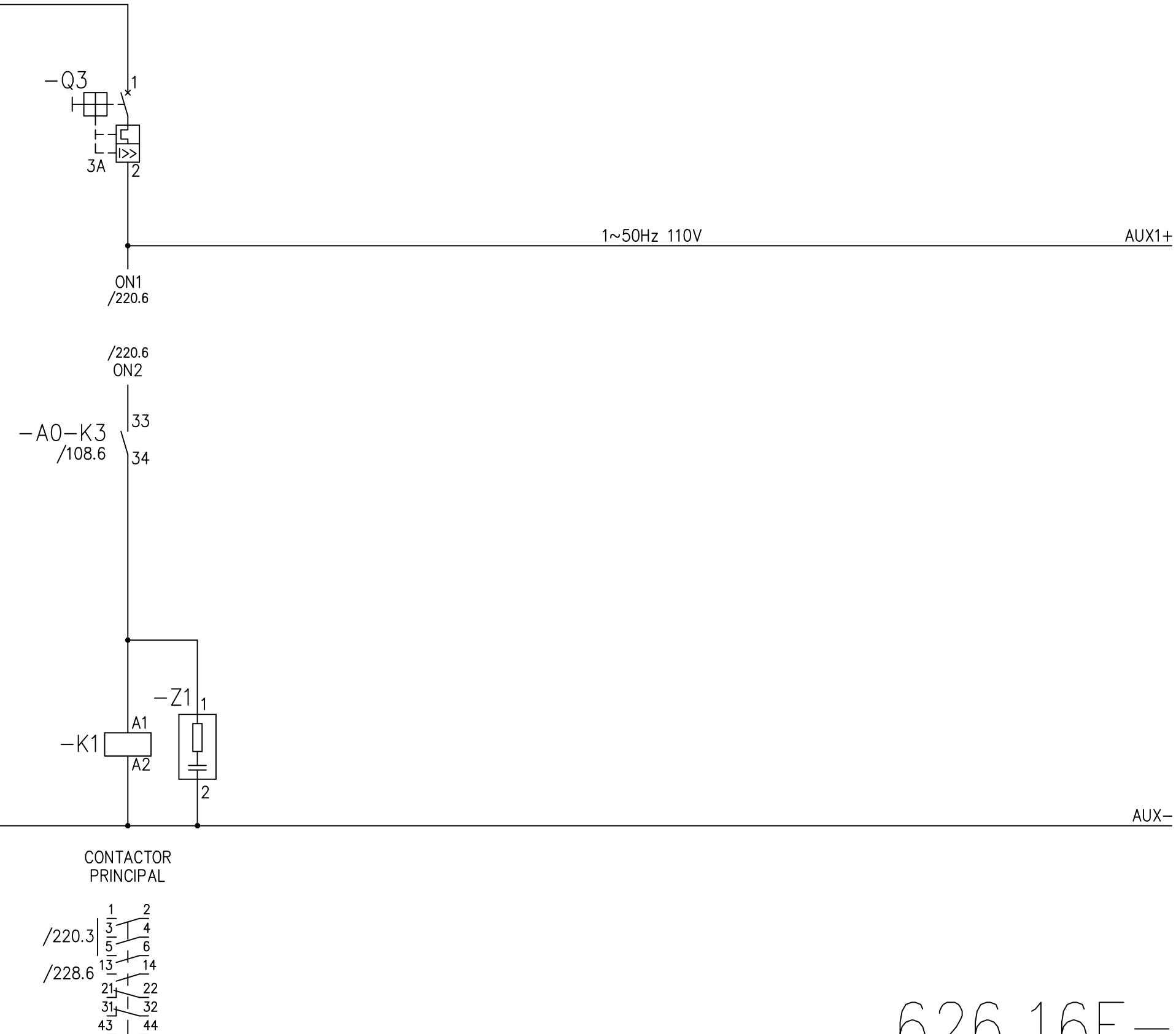
UNI EN 29001
ISO 9001

Member of

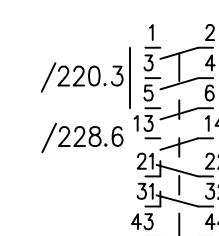


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626.16E-008-224-3



SIPAR

DANIELI AUTOMATION

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

Descript.

Servicios auxiliares acabadora

=30BB.F02

+

Hoja 224

Nº 3062-D30-E3302

226 Sigue

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA SECT. 2 CMA)	Servicios auxiliares acabadora	=30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.	VENDRAME					+
1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME						
	Modificación	Fecha	Nombre	Norma	IEC					
						Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	
ft. DIN6771/Teil 5	1					3			5	
						2			6	
						4			7	
						3			8	

-A93

PLC

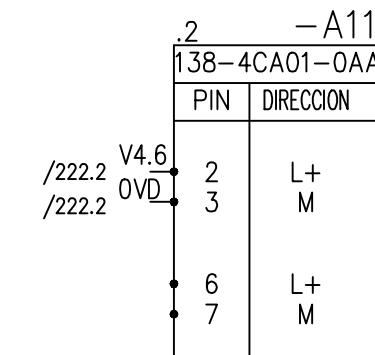
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ISO 9001Member of
CERTIFIED
QUALITY SYSTEM

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3302-226

F



.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
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3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME
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1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME
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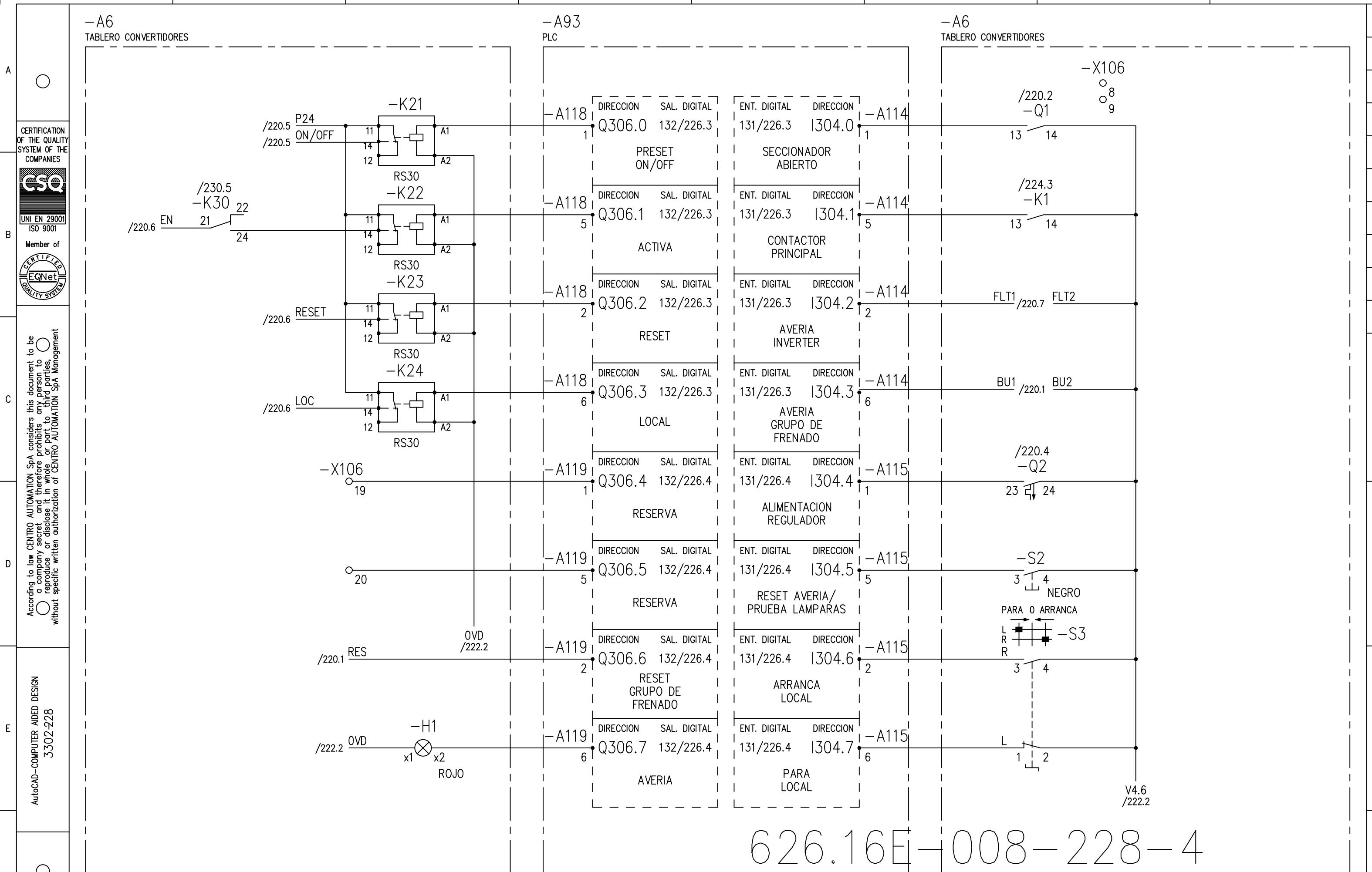
Modificacion	Fecha	Nombre	Norma	IEC	
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SIPAR

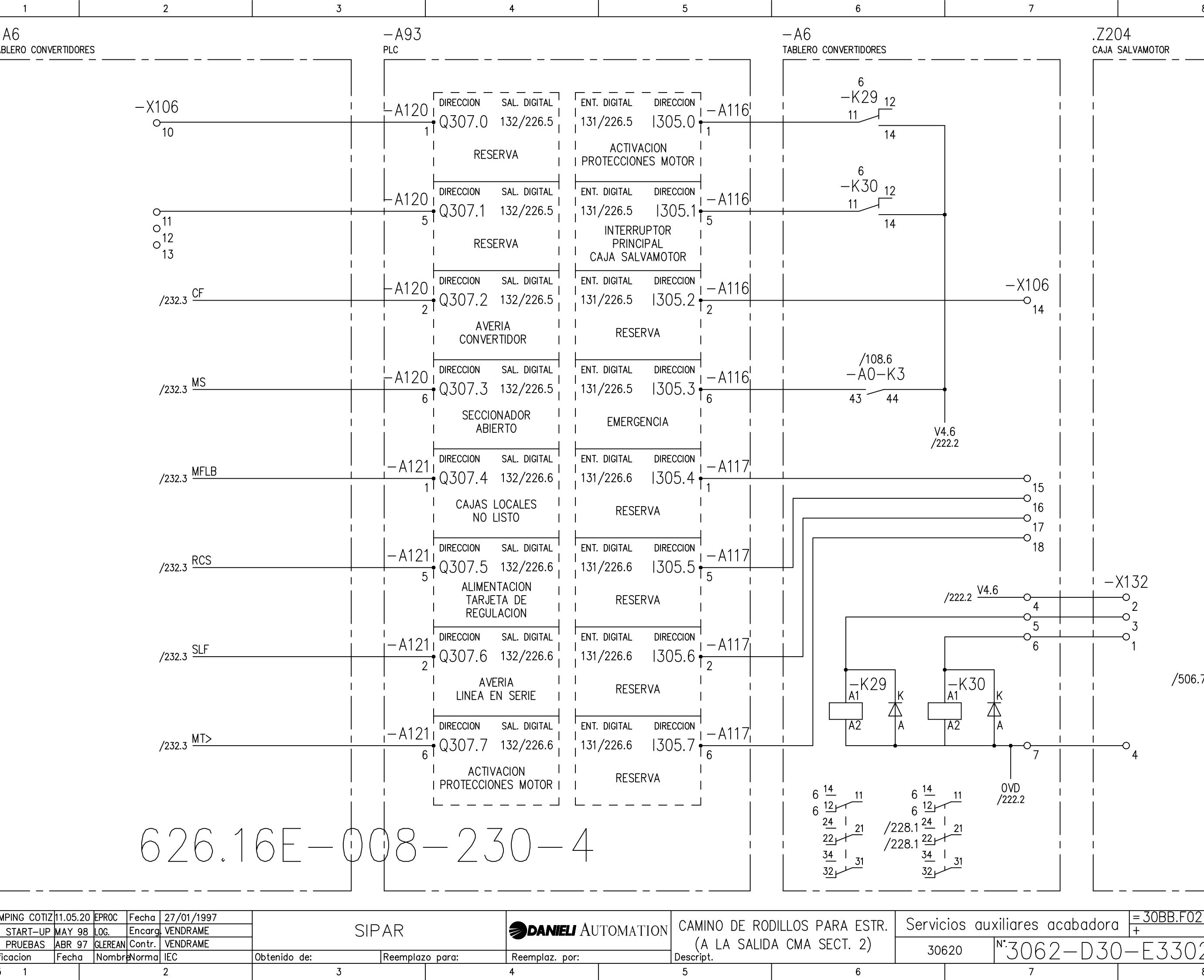
DANIELI AUTOMATION

 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



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	
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8			



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3302-230

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○

ft. DIN6771/Teil 5 1

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 230
232 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							
	Modificacion	Fecha	Nombre	Norma	IEC				Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.

ft. DIN6771/Teil 5 1 2 3 4 5 6 7 8

-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

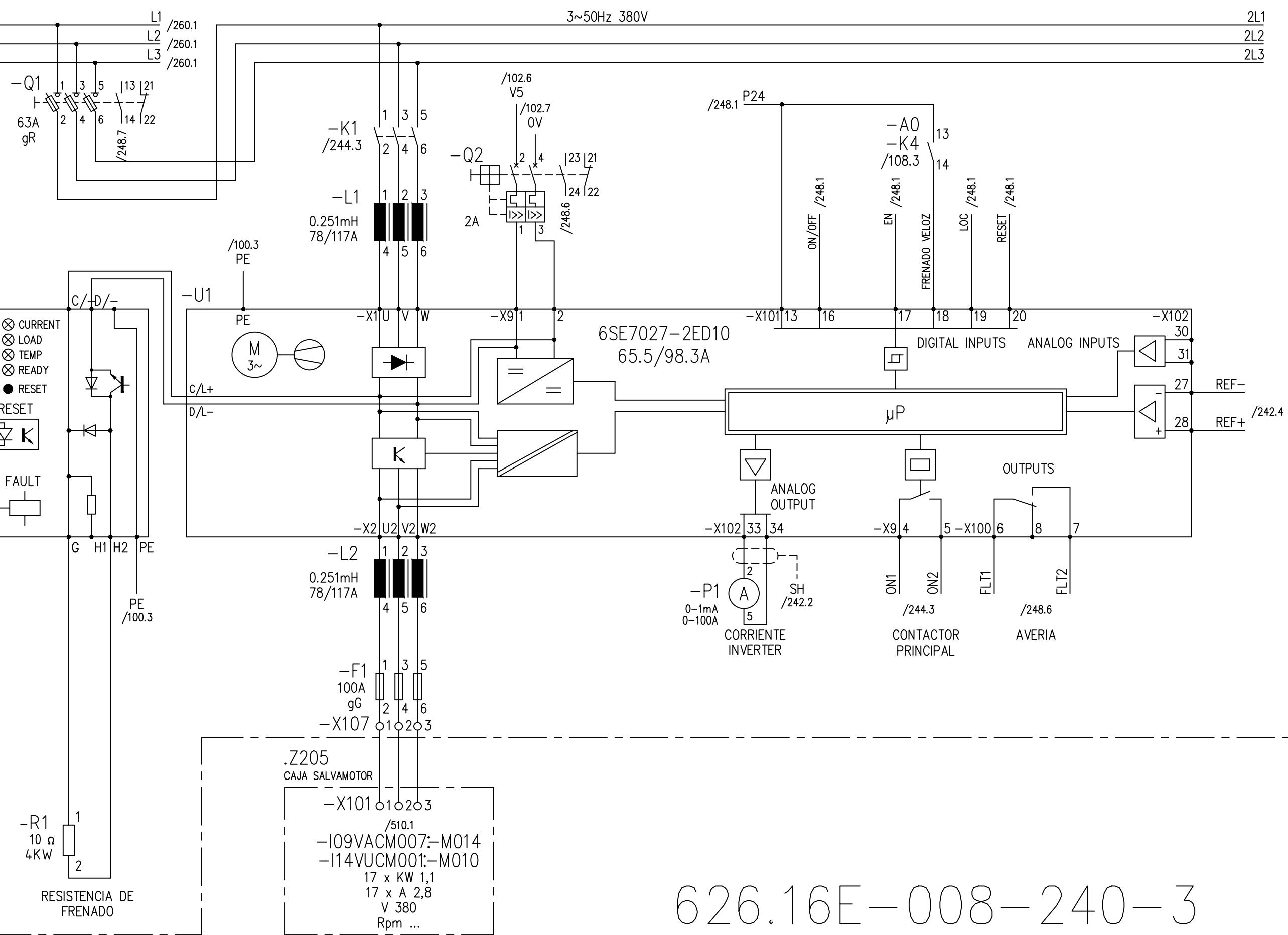
626.16E-008-232-3

3	DESP. START-UP	MAY 98	LOG.	Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	CAMINO DE RODILLOS PARA ESTR. (A LA SALIDA CMA SECT. 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 232 240 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		

-A7
TABLERO CONVERTIDORESCERTIFICATION
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SYSTEM OF THE
COMPANIES

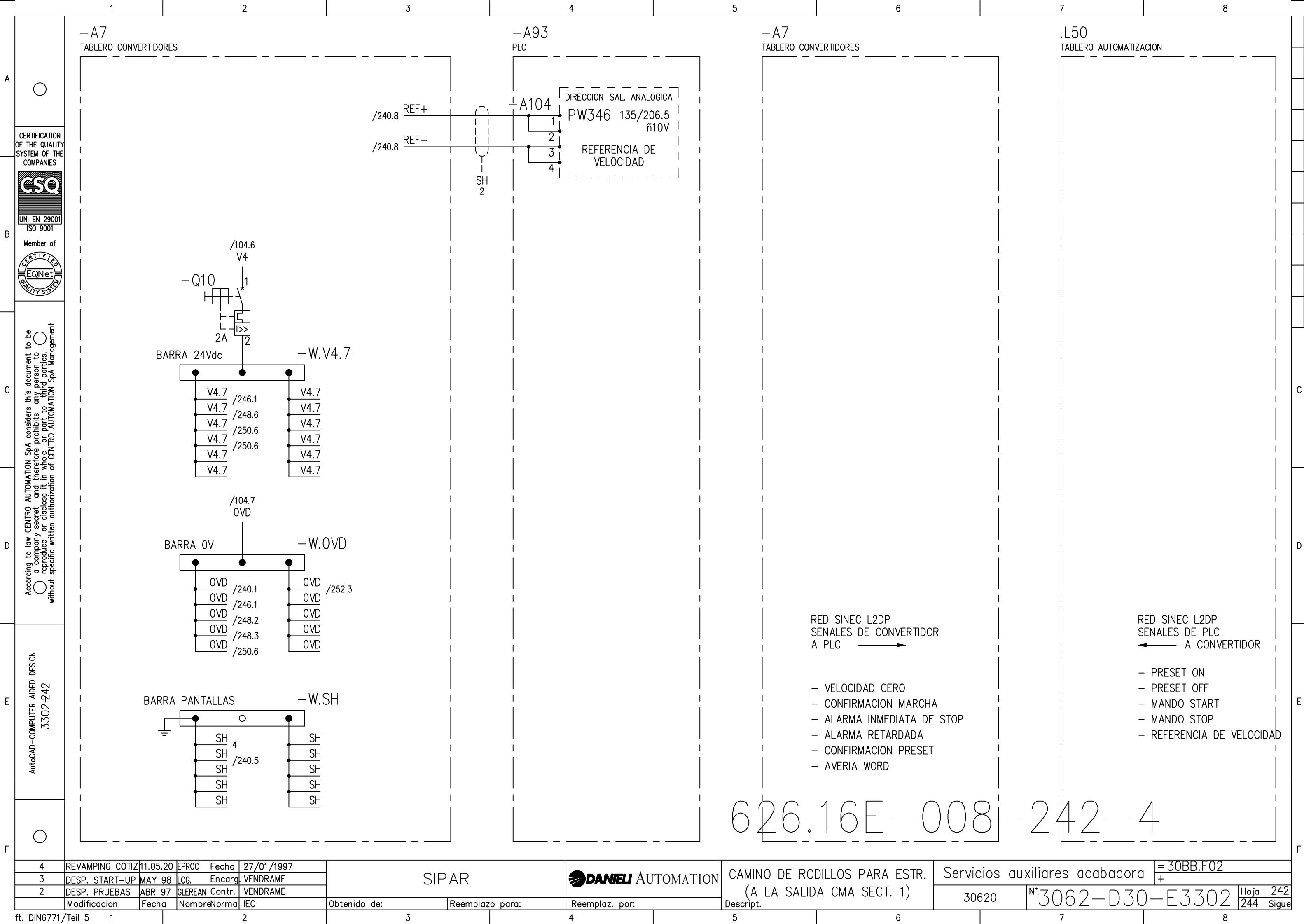
Member of
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EQNet
QUALITY SYSTEM

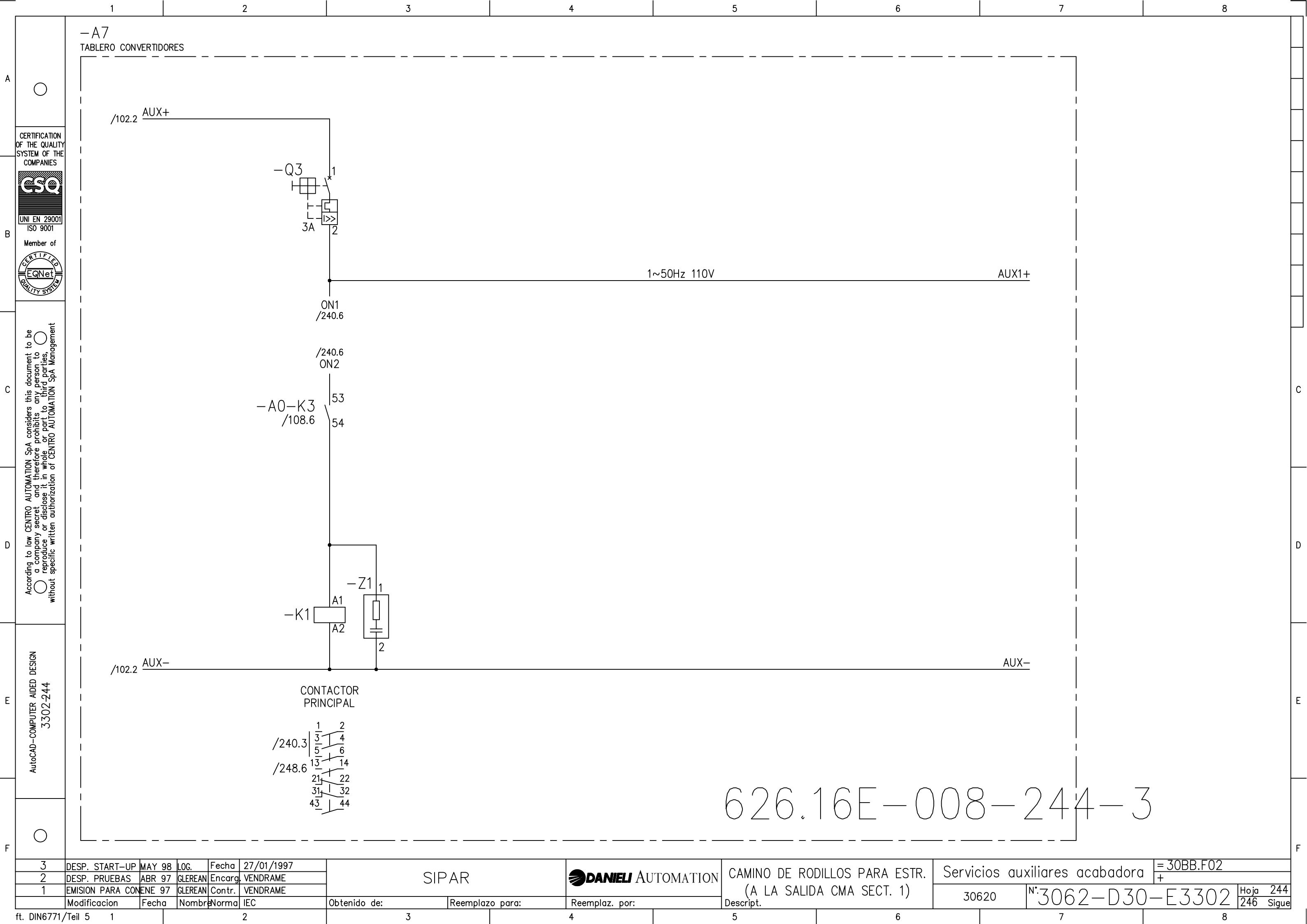
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3.302-240

626.16E-008-240-3

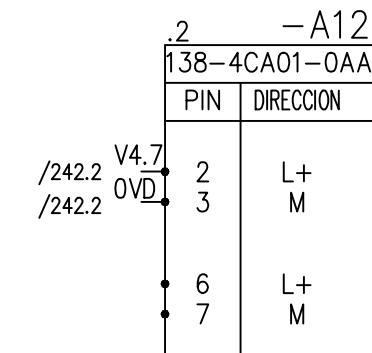
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1	EMISION PARA CONENE 97	GLEREAN	Contr.	VENDRAME					30620	Nº 3062-D30-E3302	Hoja 240
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:				Reemplaz. por:		242 Sigue





-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.
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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.
1	Q310.0	/248.3
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)

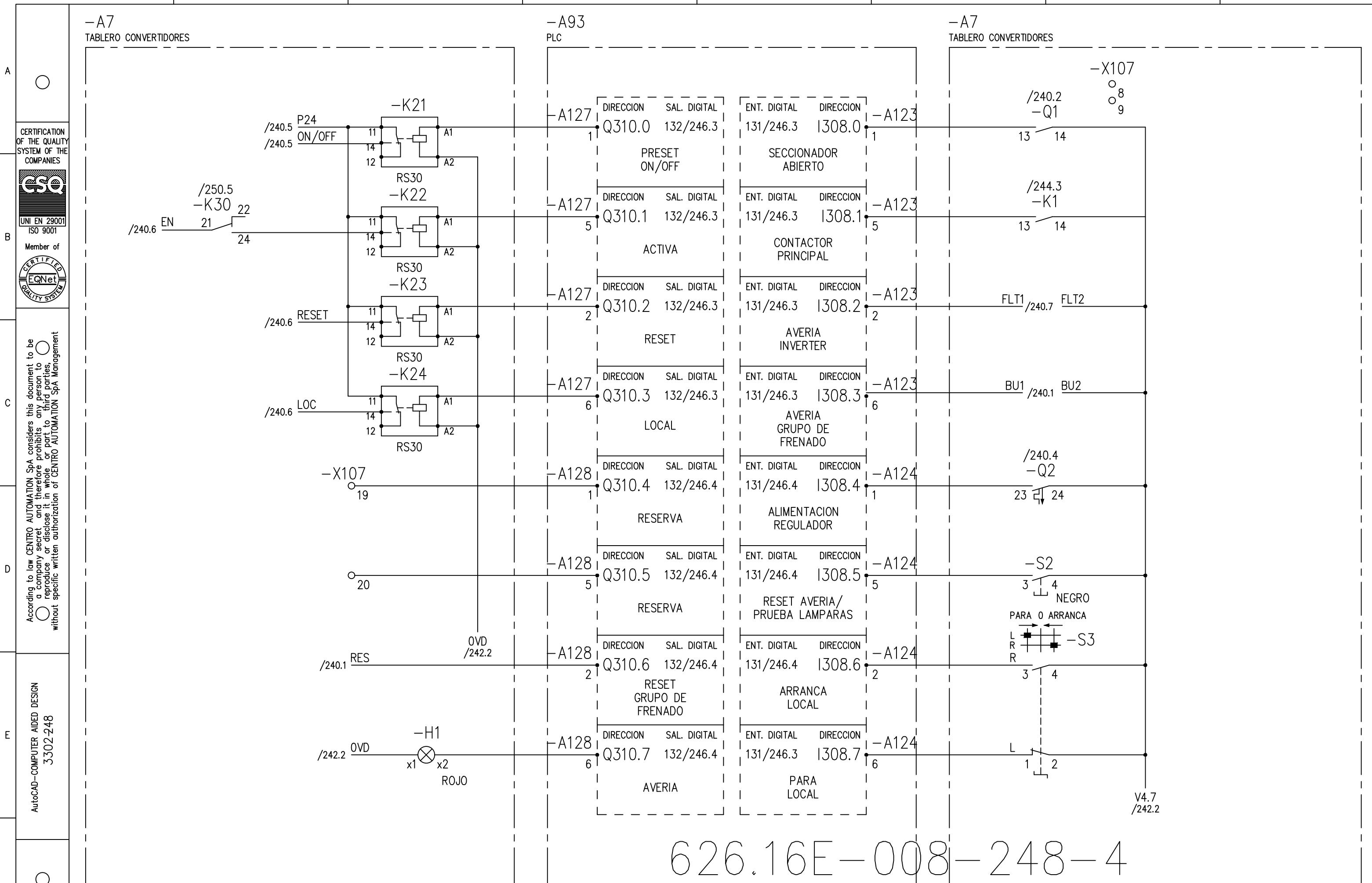
Descript.

Servicios auxiliares acabadora = 30BB.F02

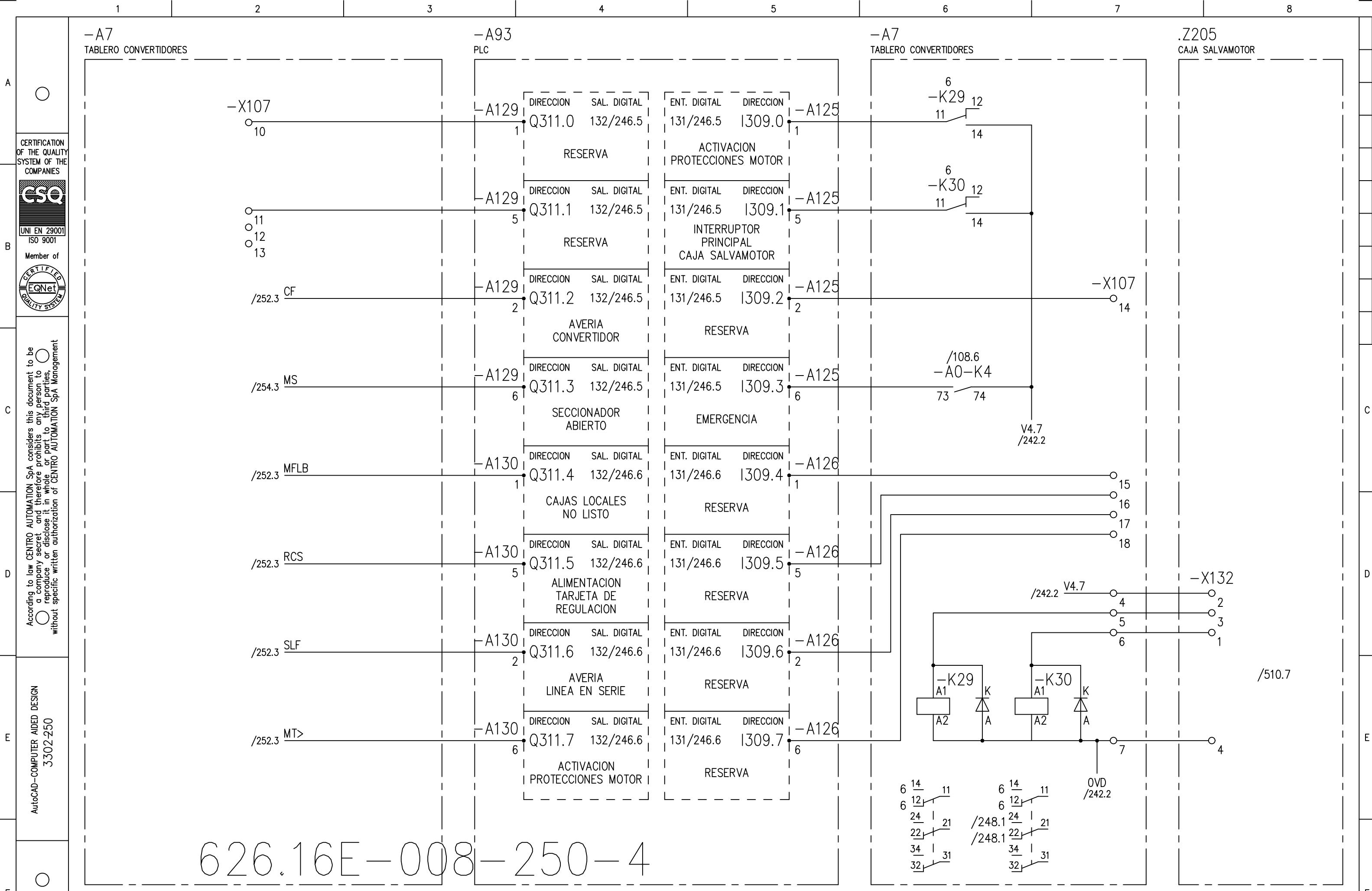
+ 30620

Nº 3062-D30-E3302 Hoja 246

248 Sigue



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				+ 30620	
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 248
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.	30620	Sig 250



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				+ 30620	
2	DESP. PRUEBAS	ABR 97	GLELEAN	Contr.	VENDRAME				Nº 3062-D30-E3302	Hoja 250
	Modificacion	Fecha	Nombre	Norma	IEC				3062-D30-E3302	Sig 252
ft. DIN6771/Teil 5	1	2	3	4	5				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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COMPANIES



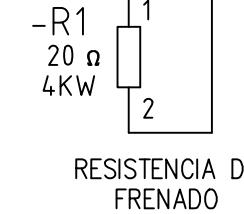
UNI EN 29001

ISO 9001

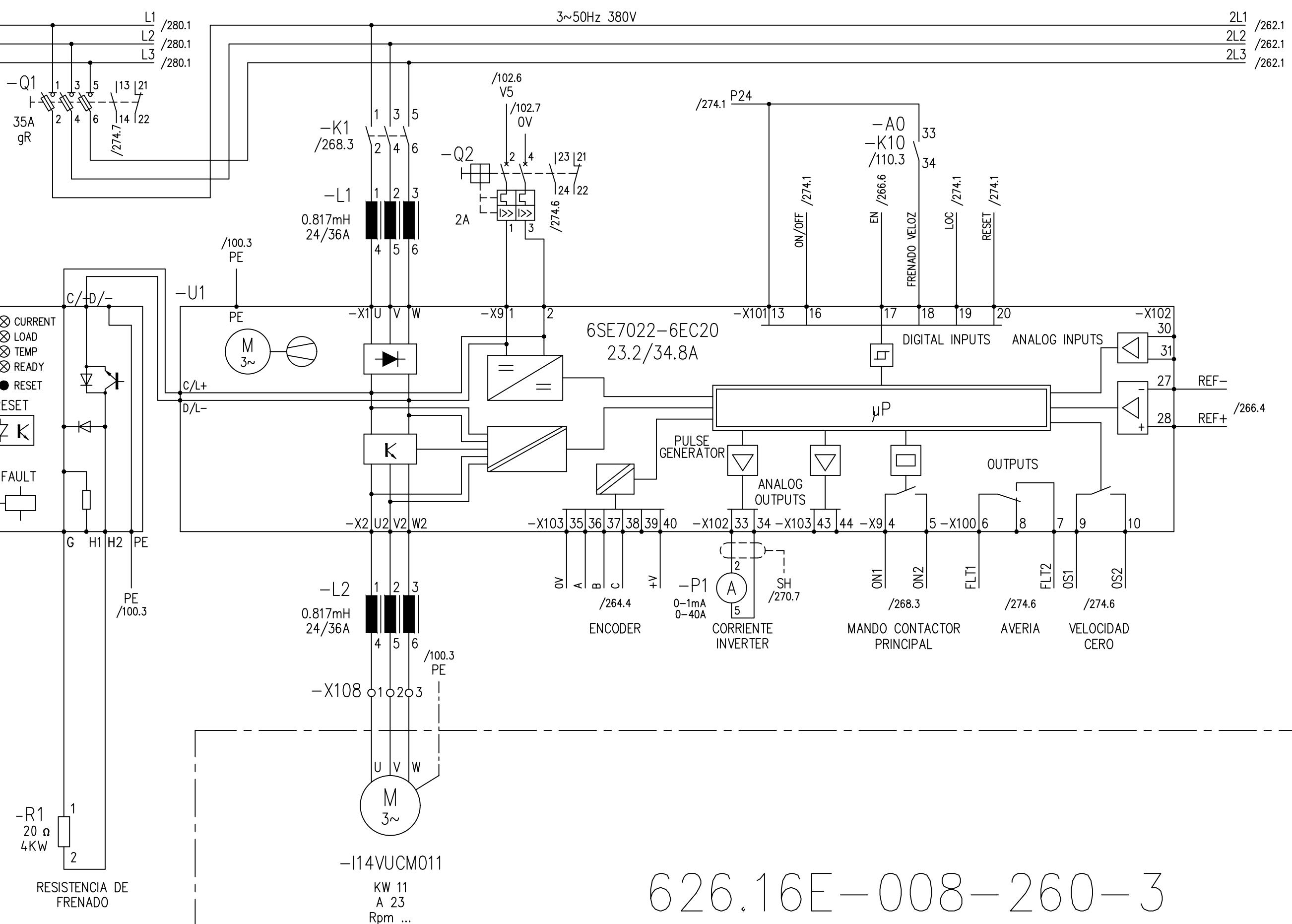


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3302-260



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

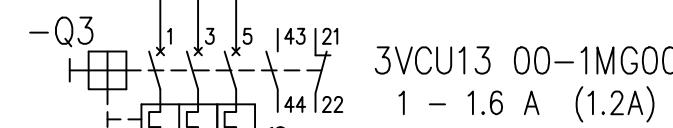
Nº 3062-D30-E3302 Hoja 260

262 Sigue

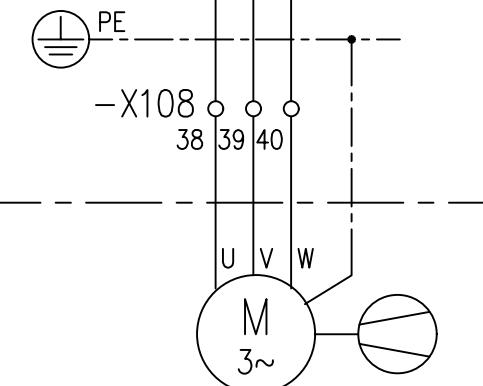
-A8

TABLERO CONVERTIDORES

/260.8 L1
 /260.8 L2
 /260.8 L3



-K2 /268.4 3TF4022-0AF0



-I14VUCM011A

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

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UNI EN 29001

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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

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 262

264 Sigue

-A8
TABLERO CONVERTIDORESCERTIFICATION
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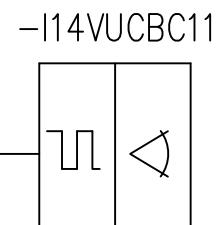
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3302-264REACCION DE
VELOCIDAD

/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:

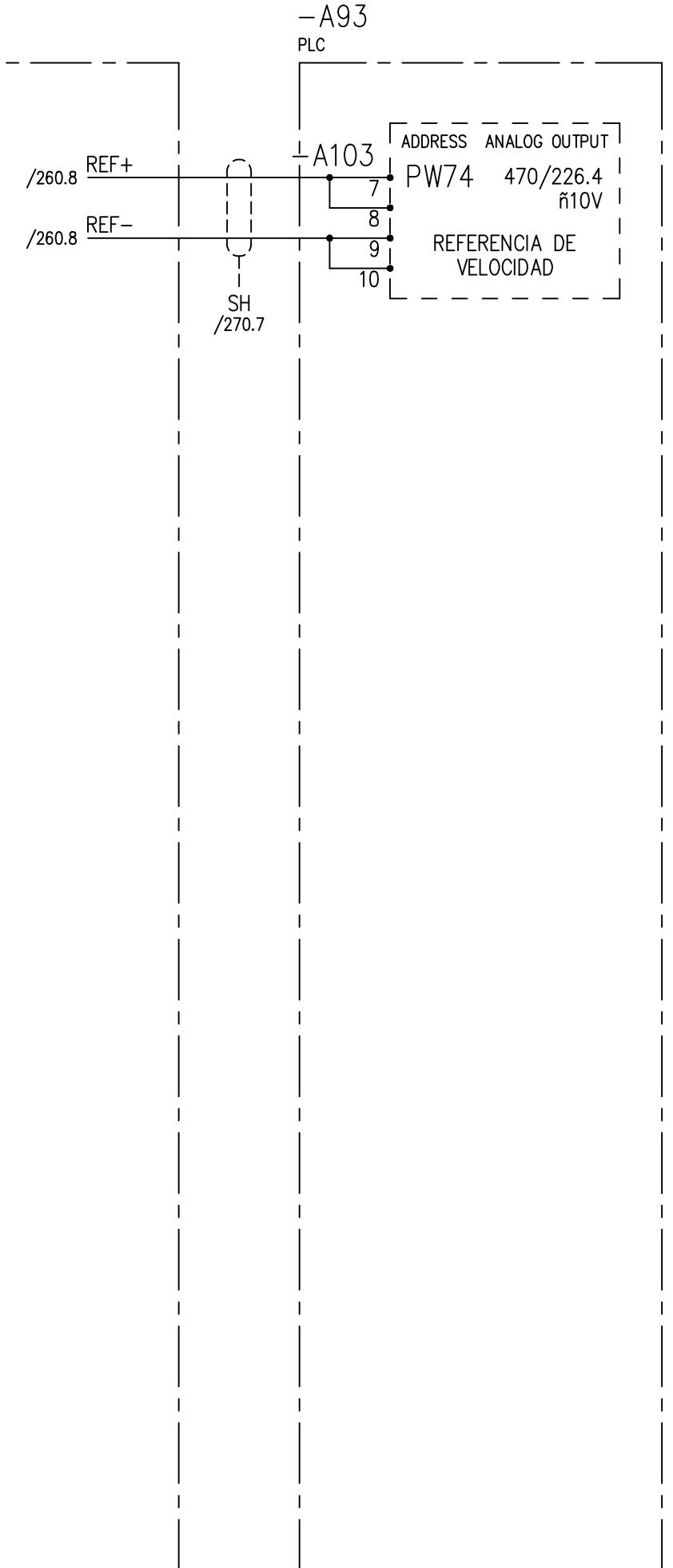
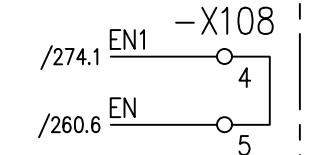
Descript.

-A8
TABLERO CONVERTIDORESCERTIFICATION
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AutoCAD-COMPUTER AIDED DESIGN
3.302-266-A1
TABLERO CONVERTIDORES.L50
TABLERO AUTOMATIZACION

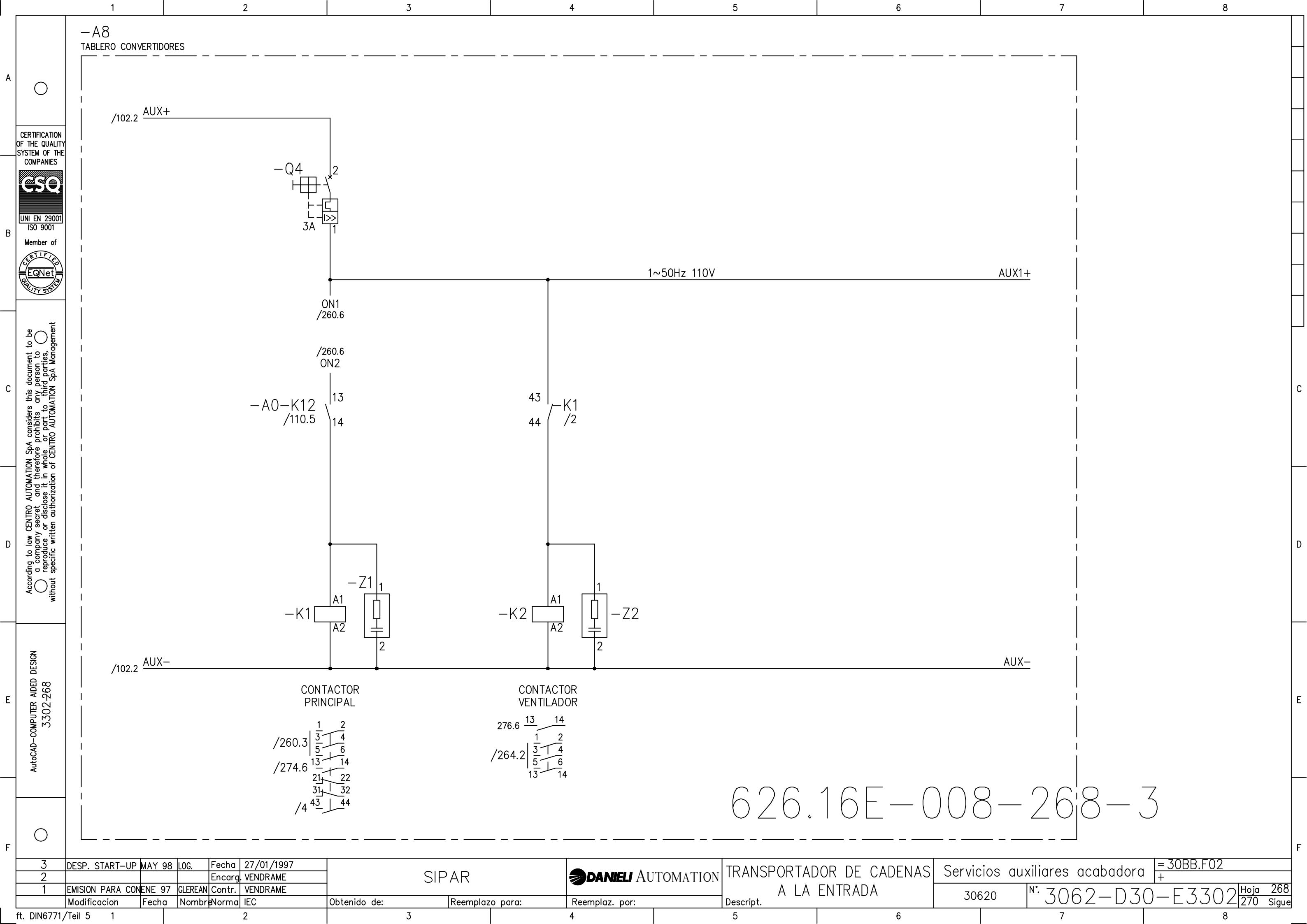
- RED SINEC L2DP
SENALES DE PLC
← A CONVERTIDOR
- PRESET ON
 - PRESET OFF
 - MANDO START
 - MANDO STOP
 - REFERENCIA DE VELOCIDAD

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

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.	



-A8
TABLERO CONVERTIDORES

A

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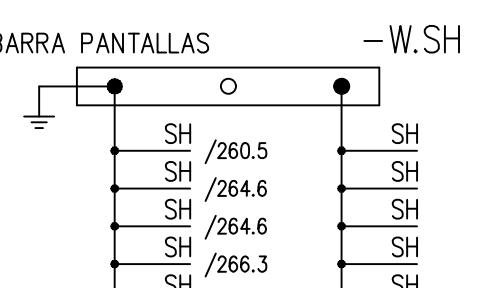
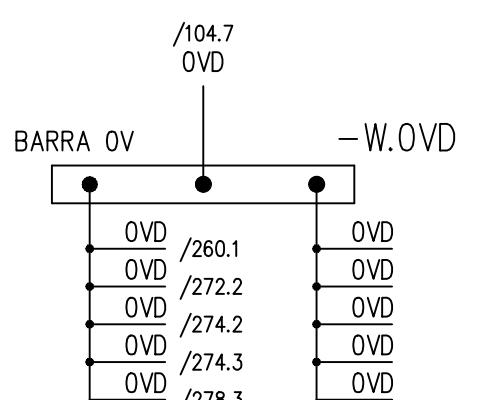
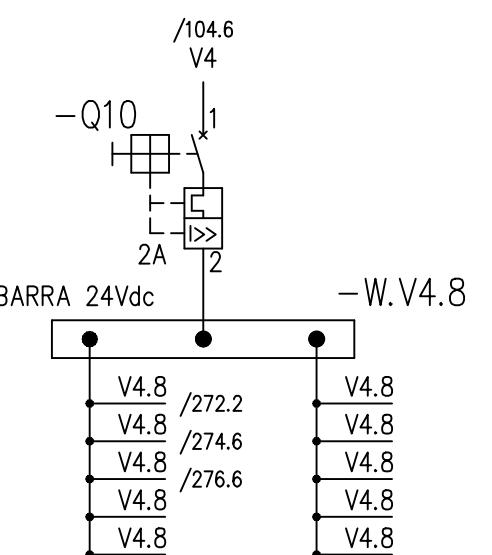


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AutoCAD-COMPUTER AIDED DESIGN
3302-270

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

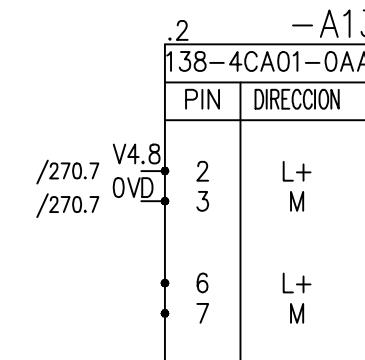
PLC

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AutoCAD-COMPUTER AIDED DESIGN
3302-272

-A132

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I312.0	/274.5
2	I312.2	/274.5
5	I312.1	/274.5
6	I312.3	/274.5

-A133

6ES7 131-4BD01-0AA0

PIN	DIRECCION	REFER.
1	I312.4	/274.5
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.
1	Q314.0	/274.3
2	Q314.2	/274.3
5	Q314.1	/274.3
6	Q314.3	/274.3

-A137

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q314.4	/274.3
2	Q314.6	/274.3
5	Q314.5	/274.3
6	Q314.7	/274.3

-A138

6ES7 132-4BD02-0AA0

PIN	DIRECCION	REFER.
1	Q315.0	/276.3
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

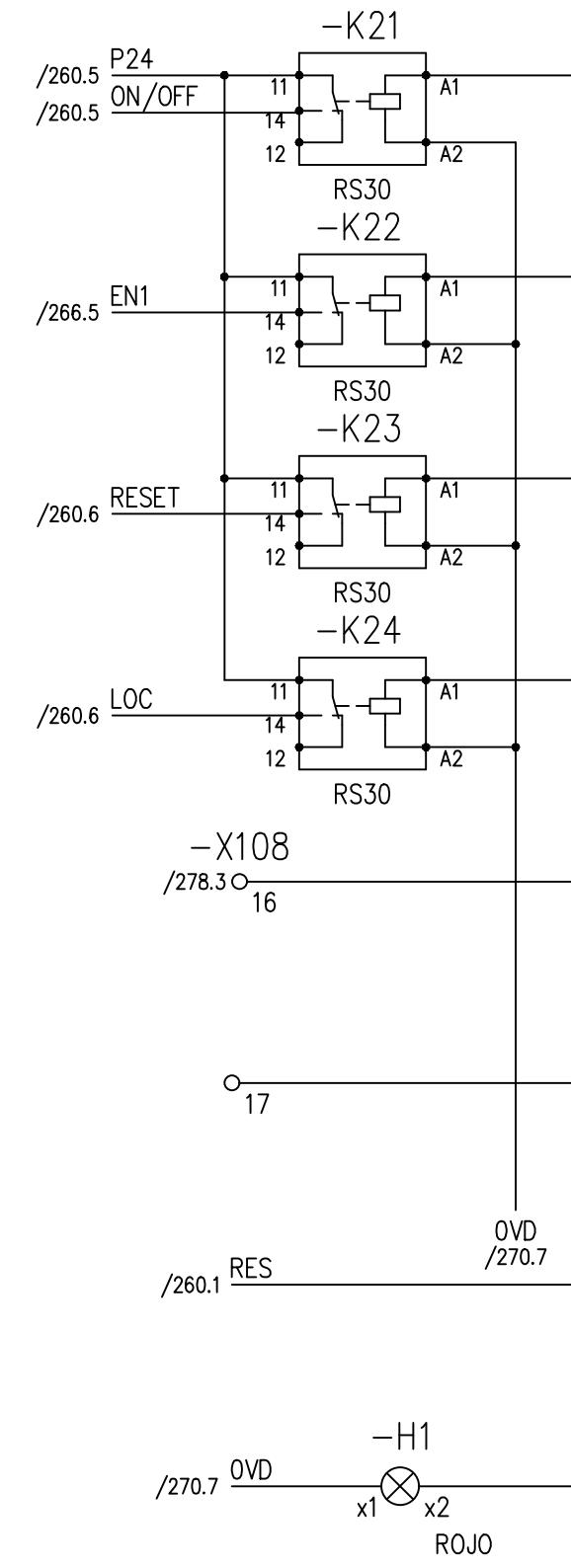
DANIELI AUTOMATION

TRANSPORTADOR DE CADENAS
A LA ENTRADA

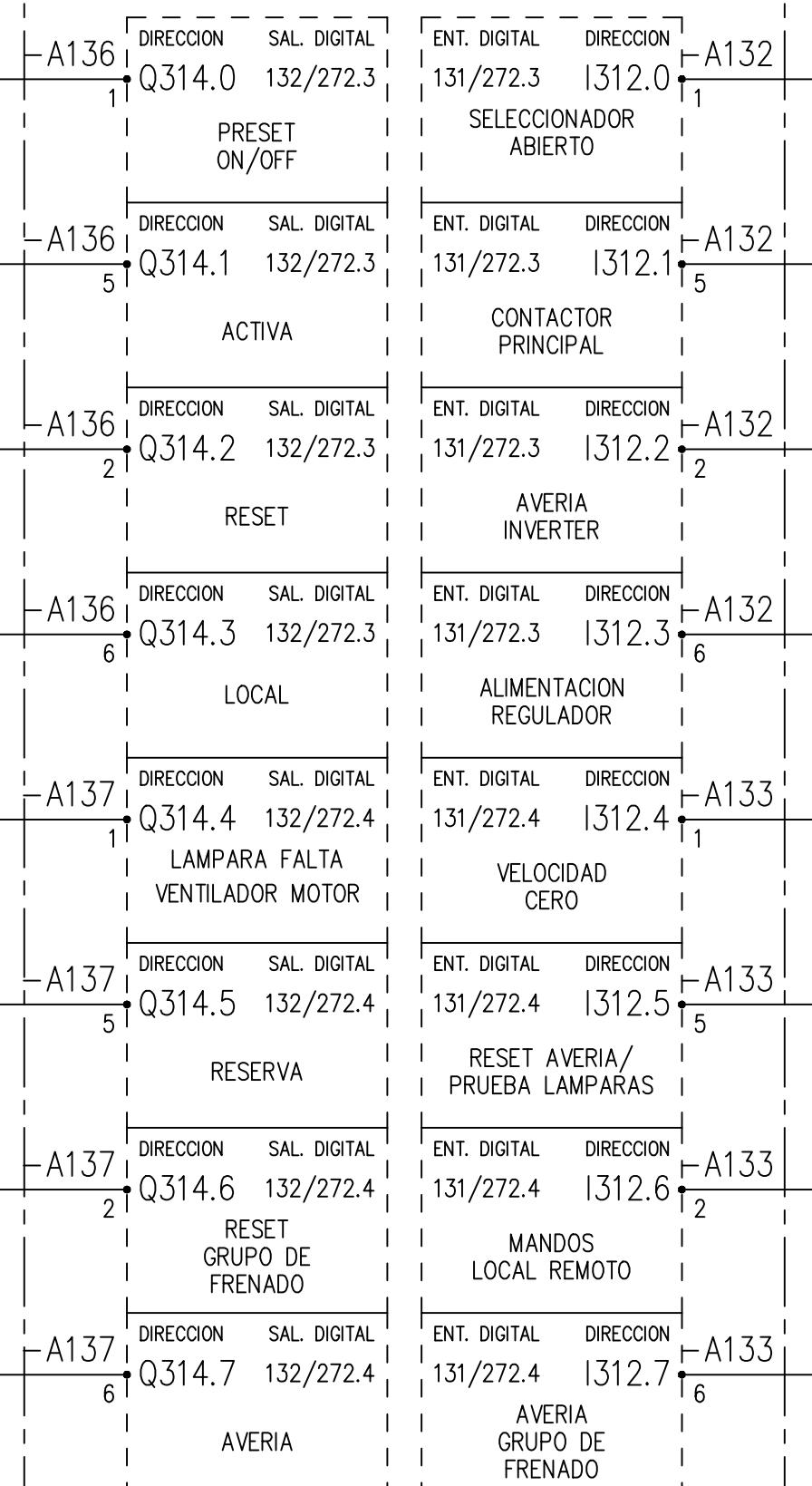
Reemplazo de: Reemplazo para: Reemplaz. por:

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

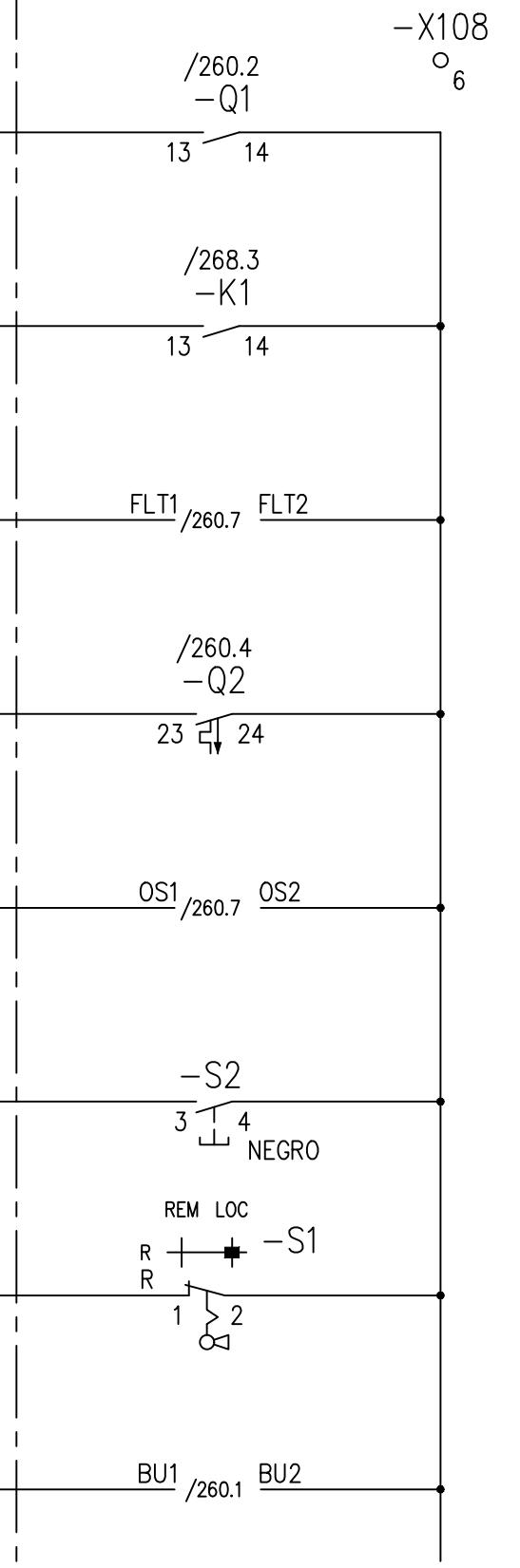
-A8
TABLERO CONVERTIDORES



-A93
PLC



-A8
TABLERO CONVERTIDORES



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3302-274

SIPAR

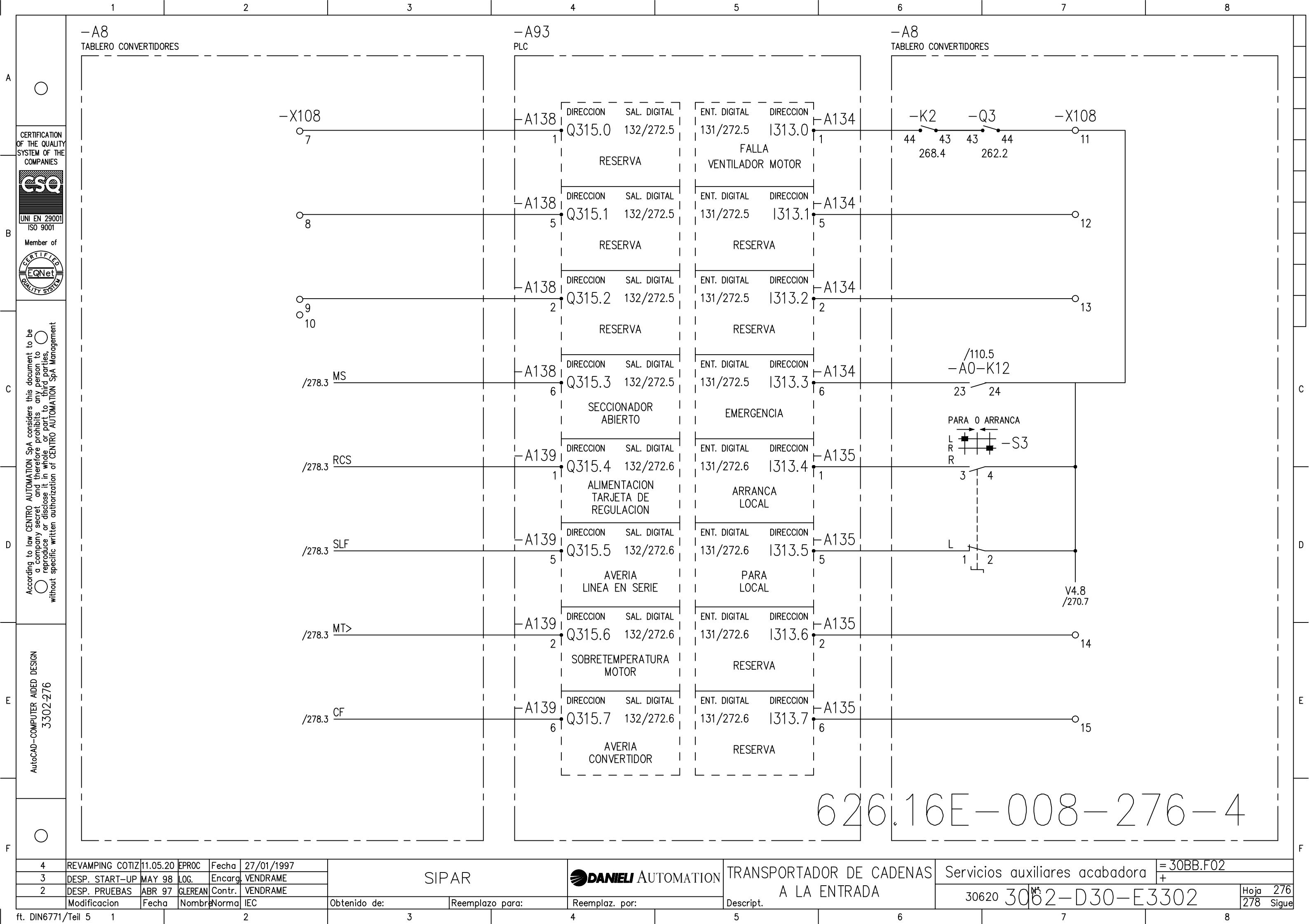
DANIELI AUTOMATION

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		DANIELI AUTOMATION		TRANSPORTADOR DE CADENAS A LA ENTRADA		Servicios auxiliares acabadora = 30BB.F02	
3	DESP. START-UP	MAY 98	LOG.	Encarg.	VENDRAME								
2	DESP. PRUEBAS	ABR 97	GLEREAN	Contr.	VENDRAME	Obtenido de:		Reemplazo para:		Reemplaz. por:		Descript.	
	Modificacion	Fecha	Nombre	Norma	IEC								



-A8
TABLERO CONVERTIDORES

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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
---	------------------	--------	---------	--------	----------

Modificacion	Fecha	Nombre	Norma	IEC
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SIPAR

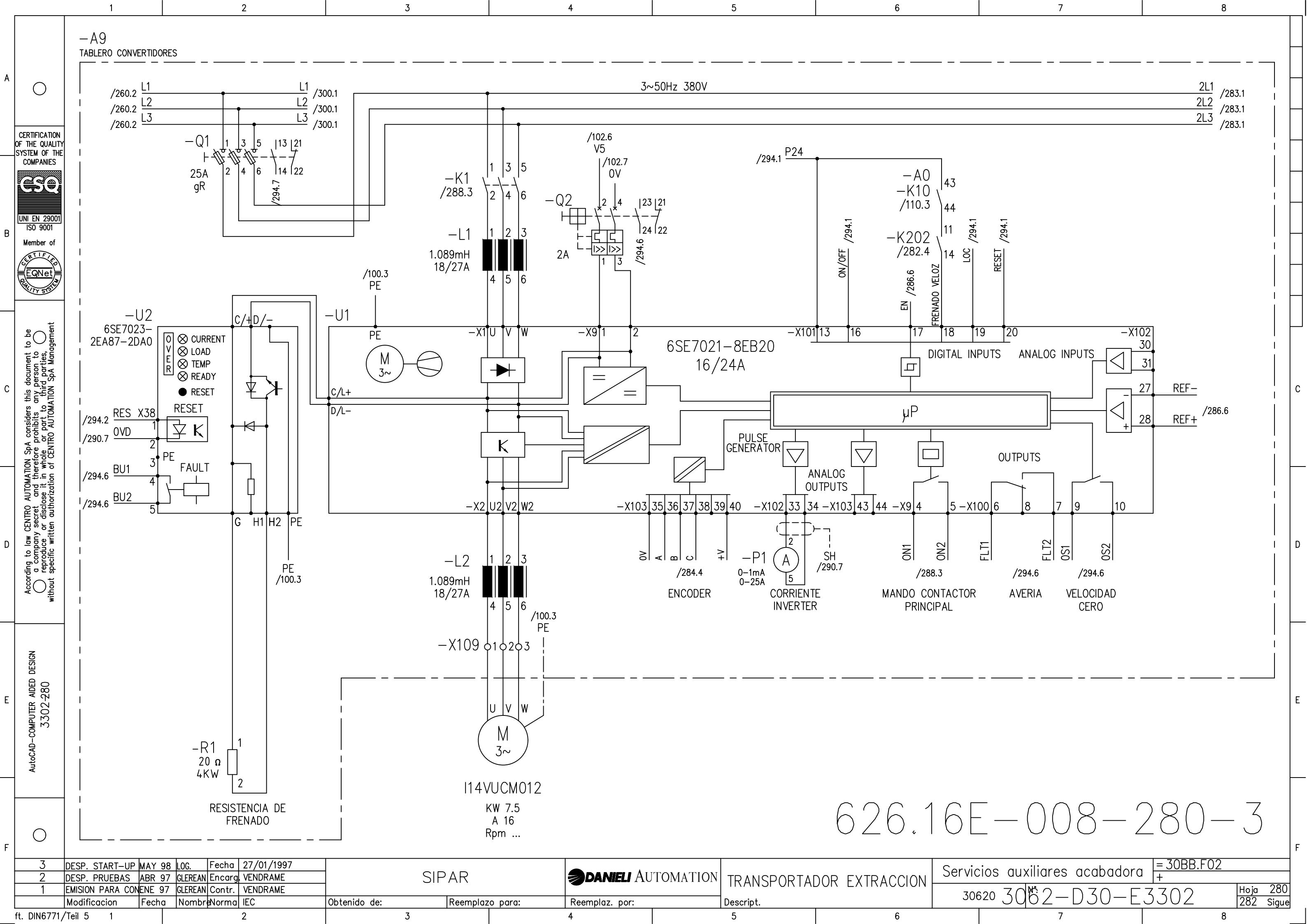
DANIELI AUTOMATION

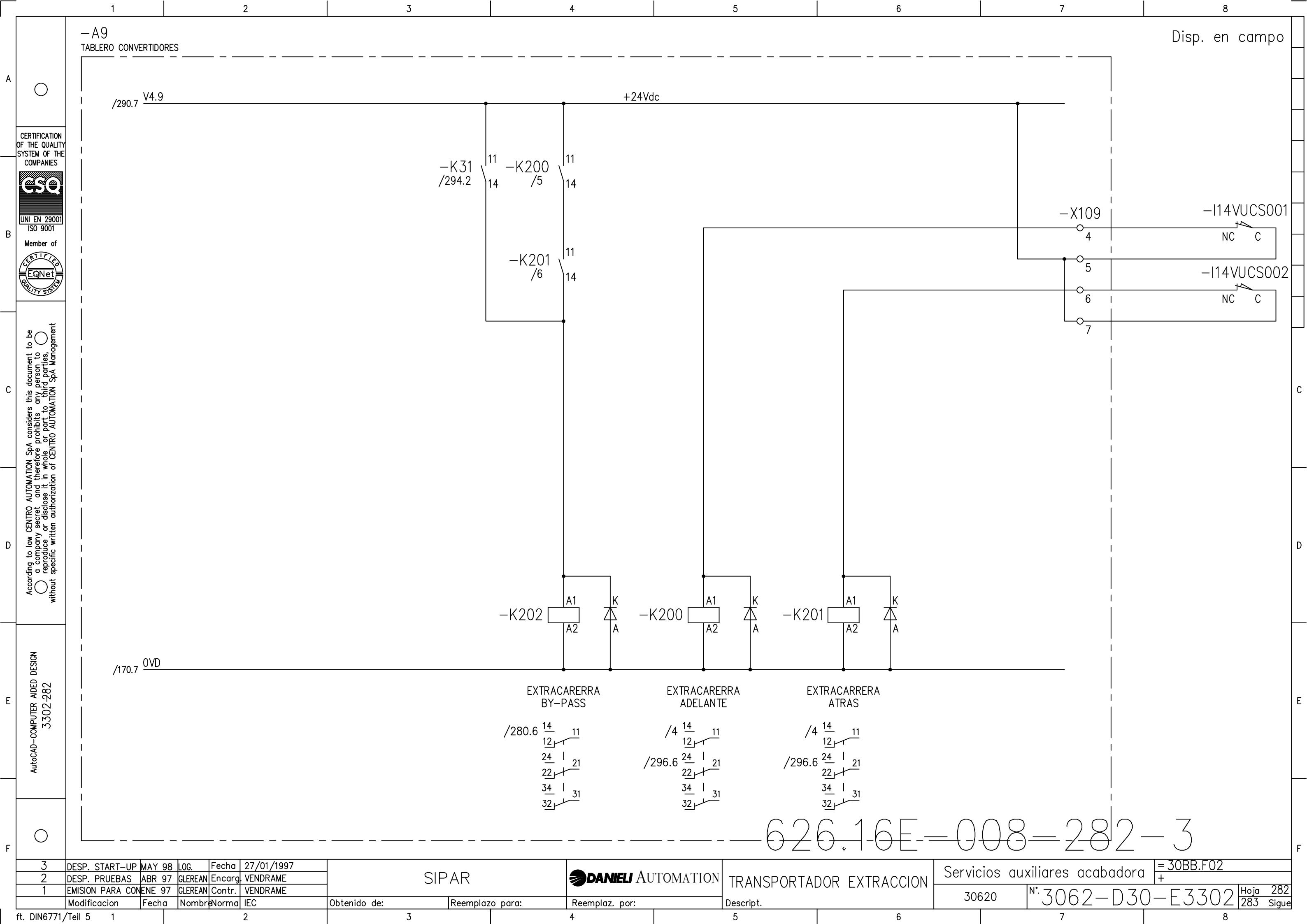
TRANSPORTADOR DE CADENAS
A LA ENTRADA

Servicios auxiliares acabadora =30BB.F02

+ 30620 N° 3062-D30-E3302 Hoja 278

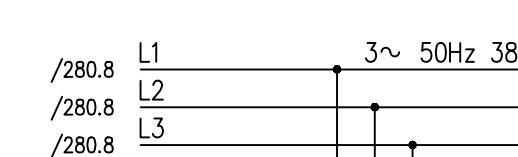
280 Sigue





-A9

TABLERO CONVERTIDORES



3~ 50Hz 38

-Q3 3VCU13 00-1MG00
1 - 1.6 A (1.2A)

-K2 3TF4022-0AF

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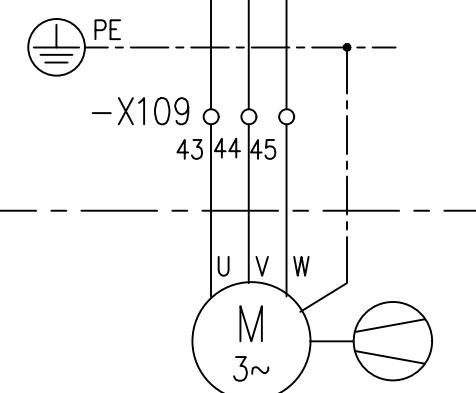
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3302+20



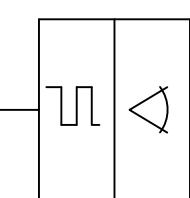
-|14VUCM012

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

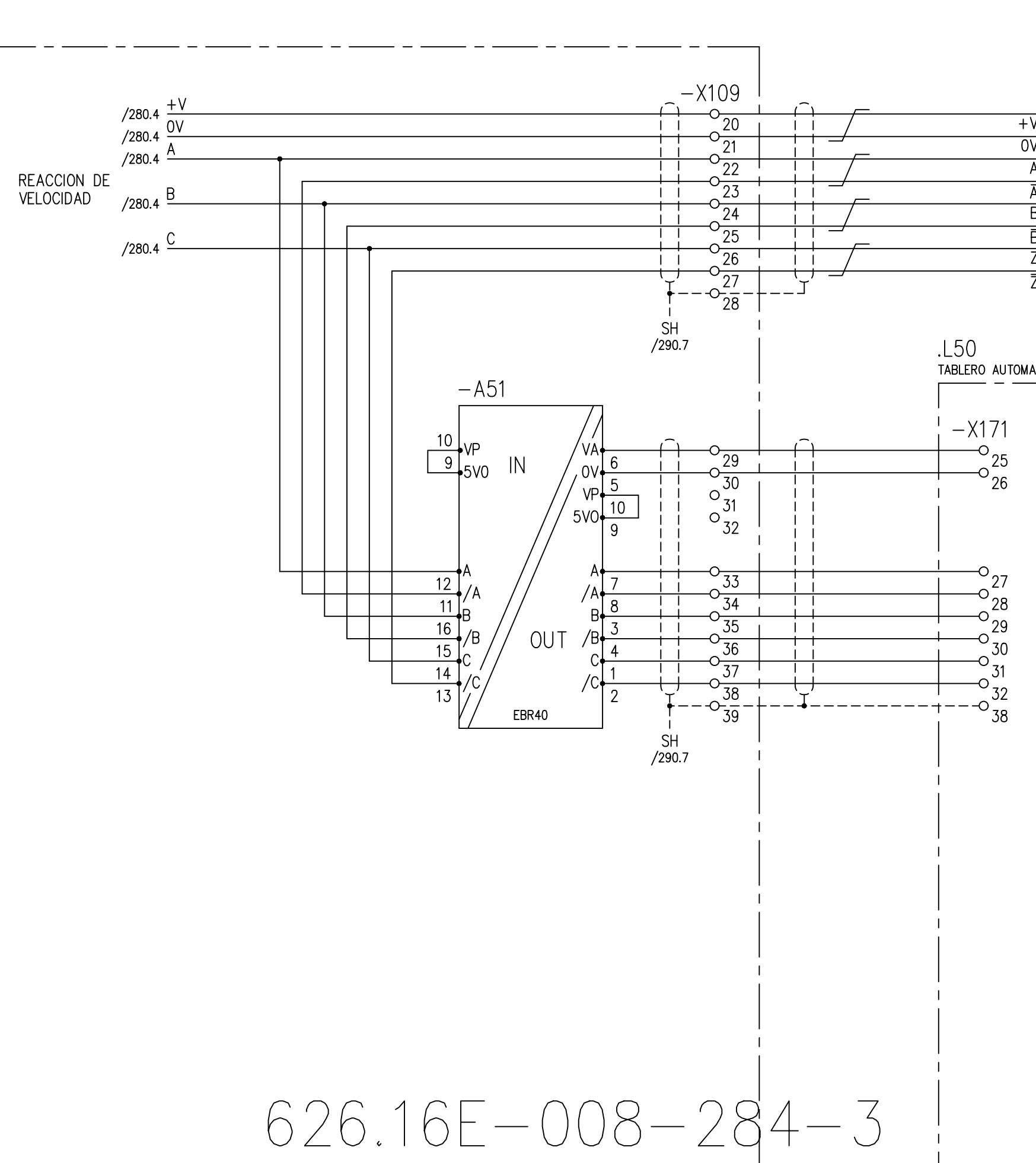
626.16E-008-283-3

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

-F02W1006



1024 impuls./giro



626.16E-008-284-3

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3302-284

-A9
TABLERO CONVERTIDORES

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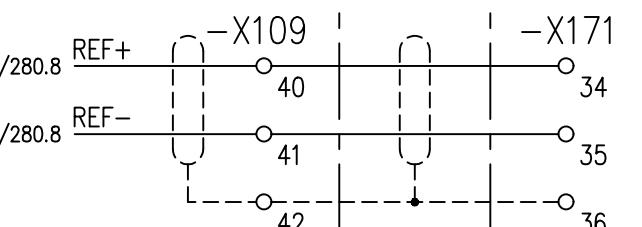


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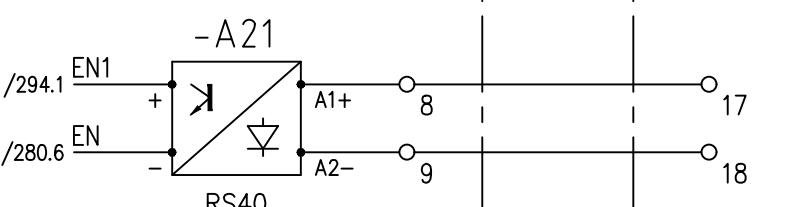
AutoCAD-COMPUTER AIDED DESIGN
3302-286

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

3			Fecha	27/01/1997	SIPAR	DANIELI AUTOMATION	TRANSPORTADOR EXTRACCION	Servicios auxiliares acabadora	= 30BB.F02
2	DESP. PRUEBAS	ABR 97	GLEREAN	Encarg.				+ 30620	Nº 3062-D30-E3302 Hoja 286
1	EMISION PARA CON	ENE 97	GLEREAN	Contr.	VENDRAME				
	Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	288 Sigue

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TABLERO CONVERTIDORES

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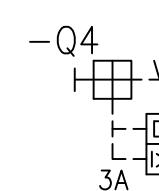


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3302-288



/102.2 AUX+



ON1
/280.6

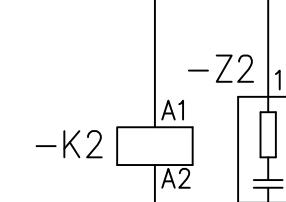
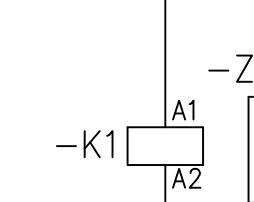
1~50Hz 110V

AUX1+

ON2
/280.6

-A0-K12
/110.5

-K1
.2



CONTACTOR
PRINCIPAL

CONTACTOR
VENTILADOR

/102.2 AUX-

AUX-

/280.3
1 2
3 4
5 6
13 14
21 22
31 32
43 44

/296.7
13 14
1 2
3 4
5 6

/283.2
13 14
1 2
3 4
5 6

626.16E-008-288-3

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 EXTRACCION

Servicios auxiliares acabadora =30BB.F02

+ 30620 N° 3062-D30-E3302

Hoja 288
290 Sigue

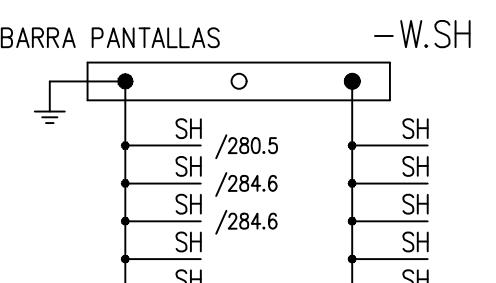
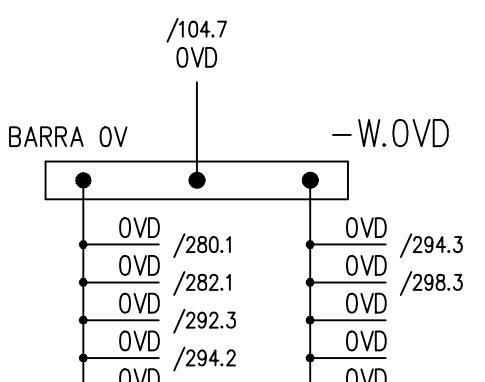
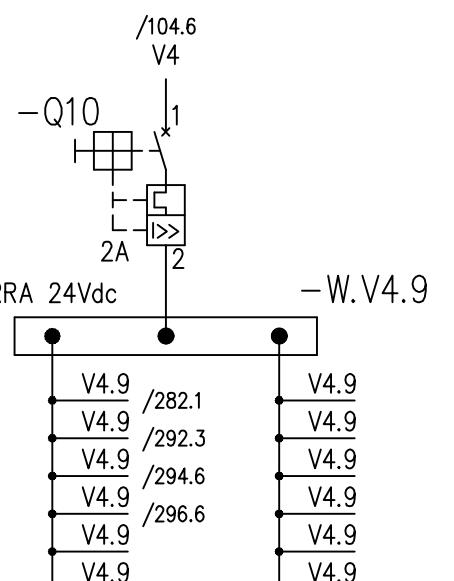
-A9
TABLERO CONVERTIDORES

A

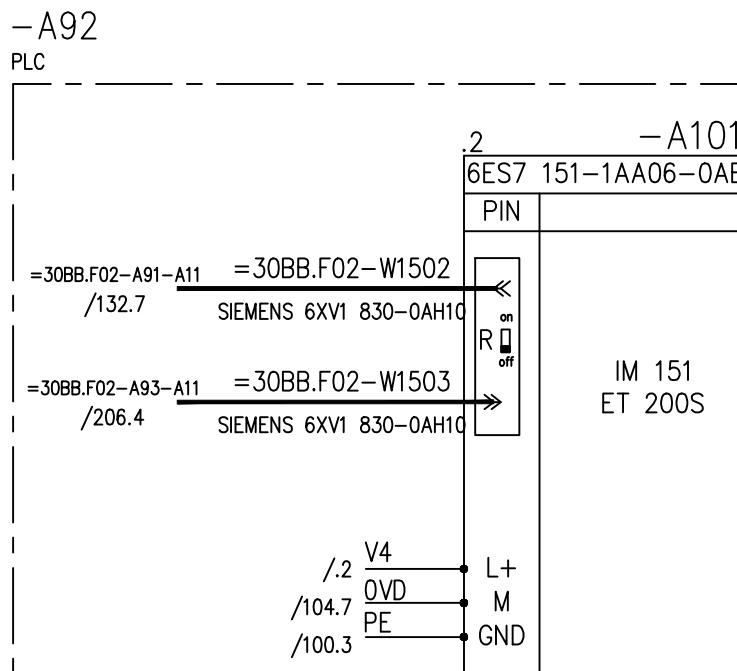
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3302-290

F

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.		



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

1	QV	
2	S+	PW292
3	Ma	/306.4
4	S-	
5	QV	
6	S+	PW294
7	Ma	/322.4
8	S-	

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

1	QV	
2	S+	PW296
3	Ma	/342.4
4	S-	
5	QV	
6	S+	PW298
7	Ma	/***
8	S-	

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

1	I250.0	/294.5
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

C

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.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
2	Q252.2	/294.4
5	Q252.1	/294.4
6	Q252.3	/294.4

.4 -A110
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.

1	Q252.4	/294.4
2	Q252.6	/294.4
5	Q252.5	/294.4
6	Q252.7	/294.4

.5 -A111
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.

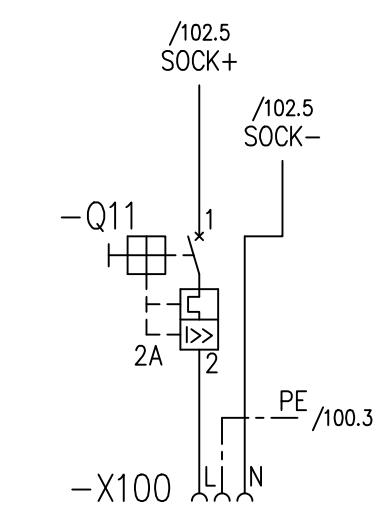
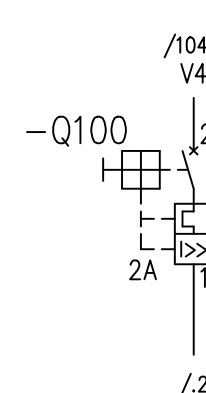
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2	Q253.2	/296.4
5	Q253.1	/296.4
6	Q253.3	/296.4

.6 -A112
6ES7 132-4BD02-0AA0
PIN DIRECCION REFER.

1	Q253.4	/296.4
2	Q253.6	/296.4
5	Q253.5	/296.4
6	Q253.7	/296.4

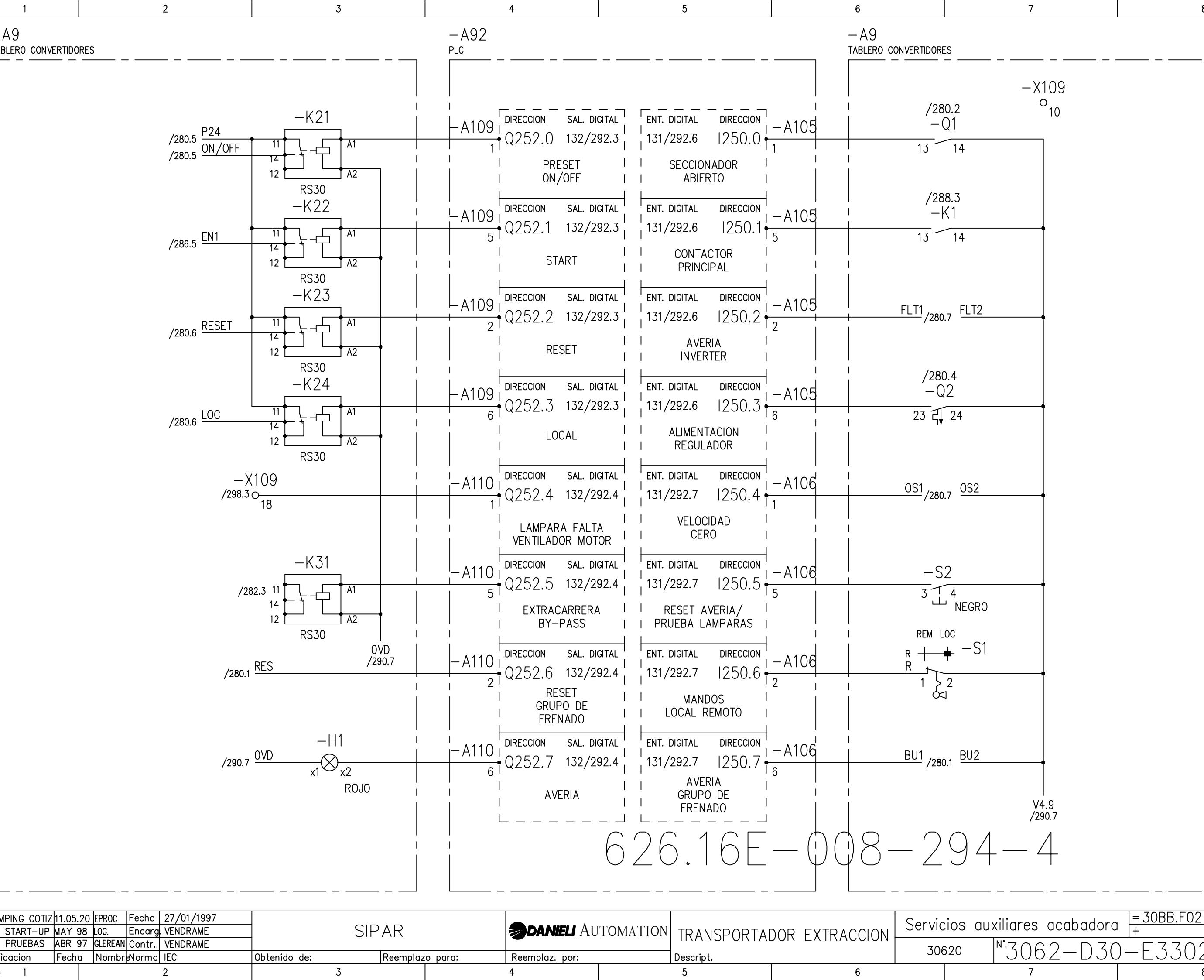
E

AutoCAD-COMPUTER AIDED DESIGN
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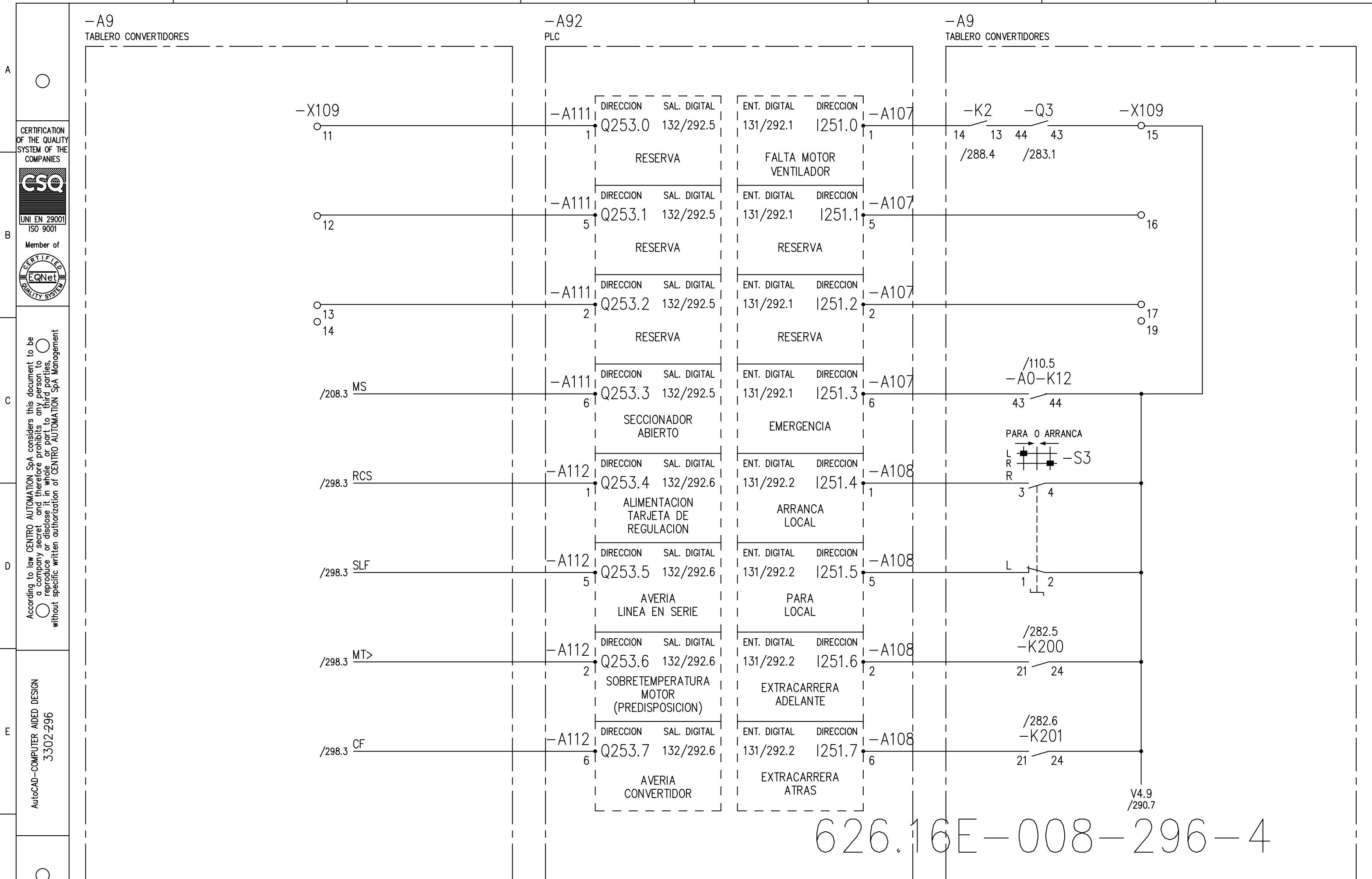


626.16E-008-292-5

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 CONE	ENE 97	GLEREAN	Contr.	VENDRAME				Nº: 3062-D30-E3302	Hoja 292 294 Sigue
Modificacion	Fecha	Nombre	Norma	IEC	Obtenido de:	Reemplazo para:	Reemplaz. por:	Descript.		



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 294 296 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	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					298 Sigue
ft. DIN6771/Teil 5	1	2	3	4	5	6	7	8		

-A9
TABLERO CONVERTIDORES

A

CERTIFICATION
OF THE QUALITY
SYSTEM OF THE
COMPANIESUNI EN 29001
ISO 9001

Member of



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F

-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					+ 298
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 298 300 Sigue

