

MACHINE ELECTRICAL FEATURE

MACHINE NOMINAL VOLTAGE SUPPLY :

$V_n = 400 \text{ V}$

AUXILIARY CIRCUITS VOLTAGE SUPPLY :

$L1-L2/L2A = 115 \text{ V}$

FREQUENCY :

$f = 60 \text{ Hz}$

NOMINAL POWER :

$P_n = 27 \text{ KVA}$

NOMINAL CURRENT CONSUMPTION :

$I_n = 39 \text{ A}$

EXTERNAL DEVICES :

CUSTOMER VOLTAGE SUPPLY :

THREE-Ph. = $220 \text{ V } 60 \text{ Hz}$

MONO-Ph. = $110 \text{ V } 60 \text{ Hz}$

NOTE :



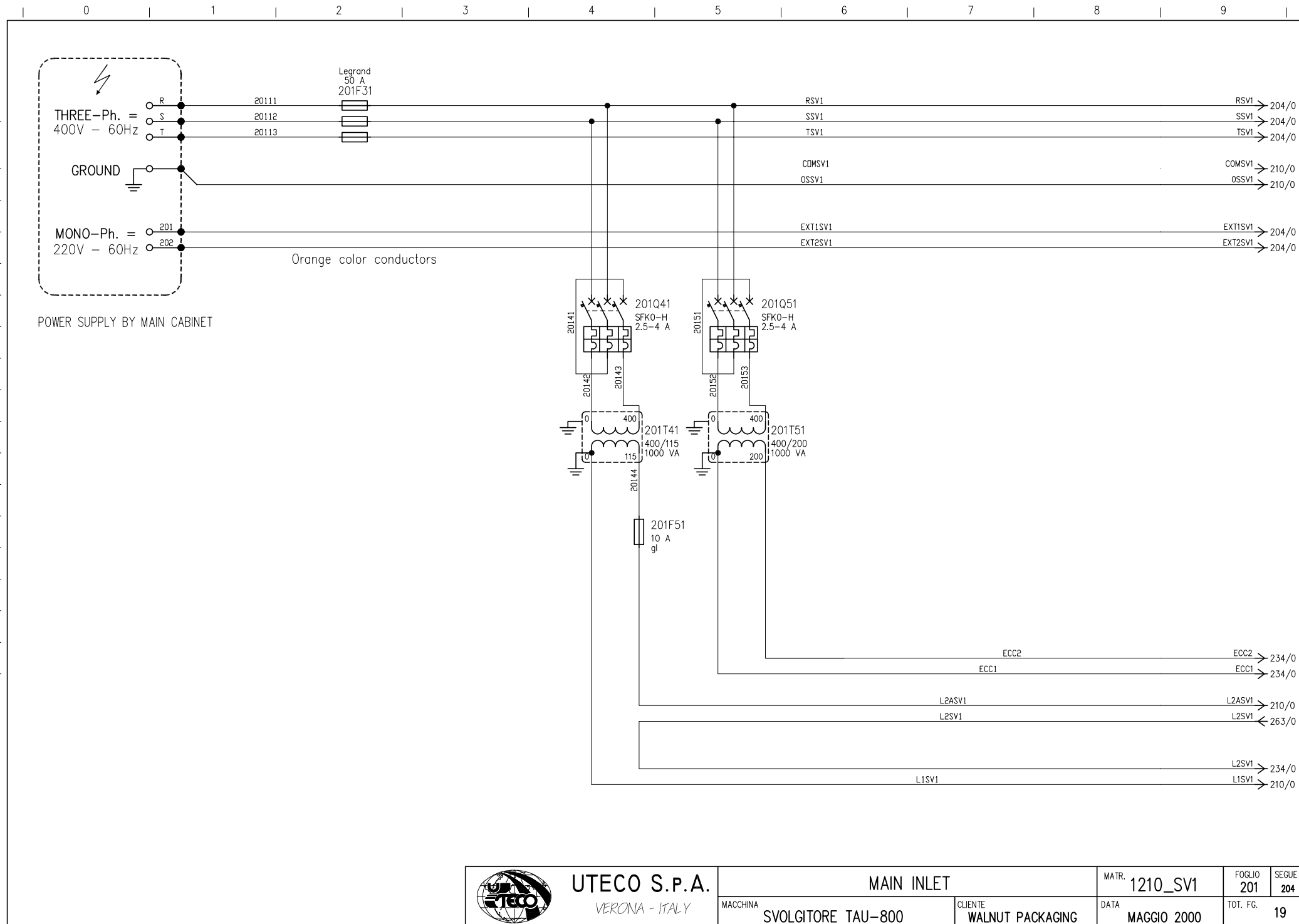
WARNING !!

A PART OF THE CIRCUIT IS ENERGIZED BEFORE
THE MAIN SWITCH OF THE CABINET .

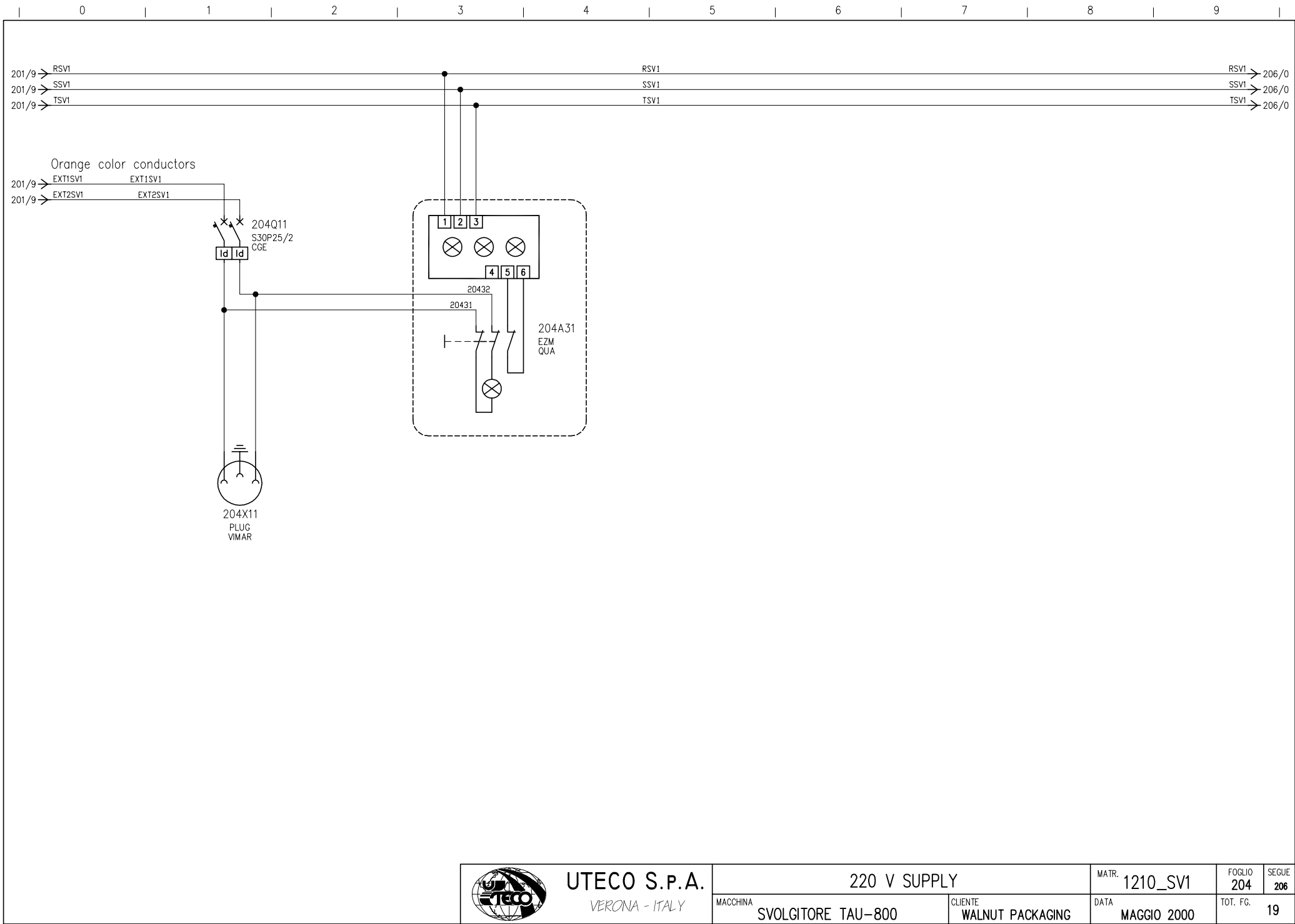


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VERONA - ITALY

UTECO S.p.A. Verona - Italy		matricola:	1210_SV1
cliente:	WALNUT PACKAGING USA	data:	MAGGIO 2000
		archivio:	1210SV1.DWG
macchina:	SVOLGITORE TAU-800	agg:	
		progettista:	SG
SCHEMI ELETTRICI - ELECTRICAL DRAWINGS		revisore:	

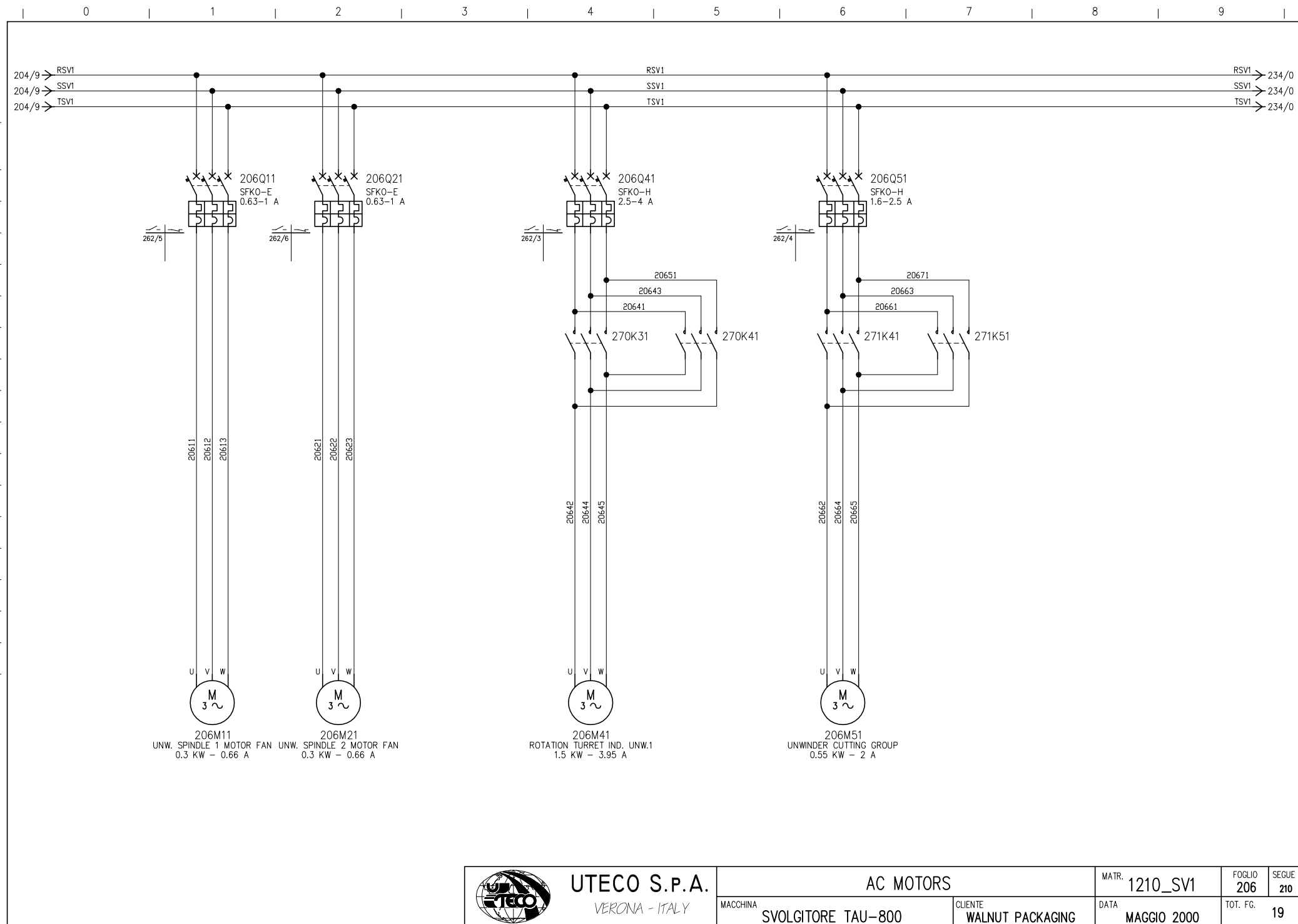


 UTECO S.P.A. VERONA - ITALY	MAIN INLET		MATR. 1210_SV1	FOGLIO 201	SEGUE 204
	MACCHINA SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	



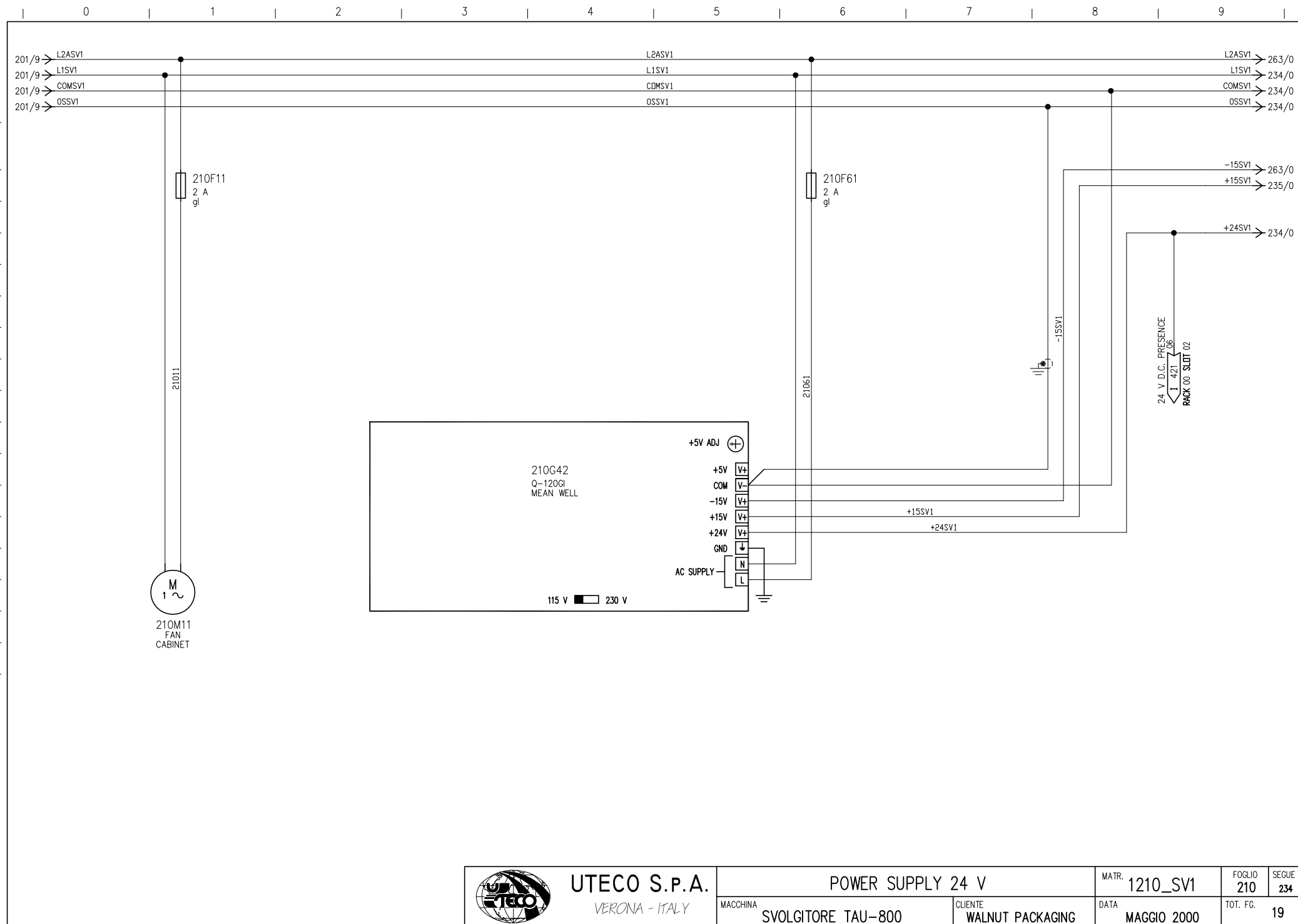
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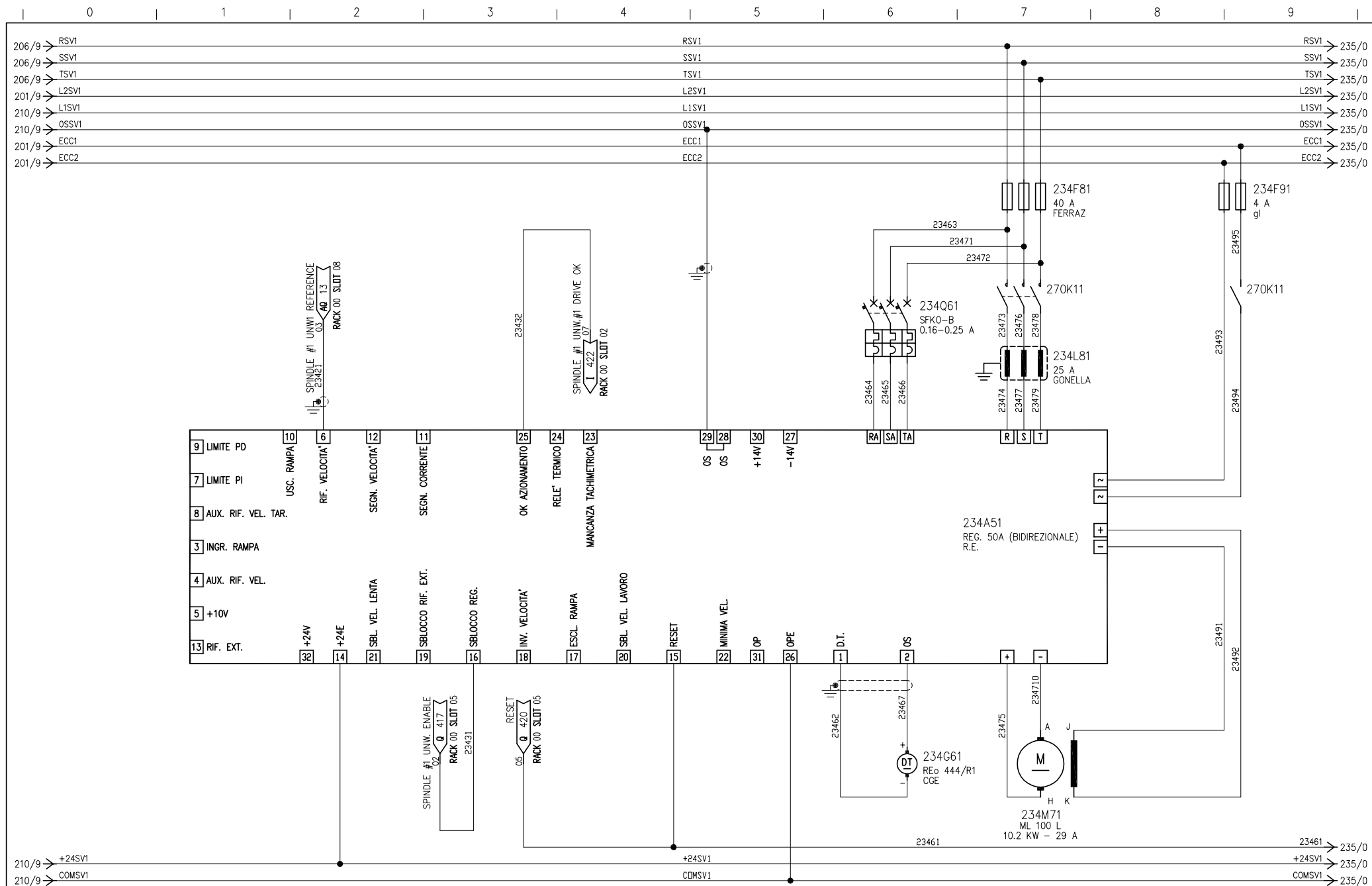
220 V SUPPLY		MATR. 1210_SV1	FOGLIO 204	SEGUE 206
MACCHINA SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	



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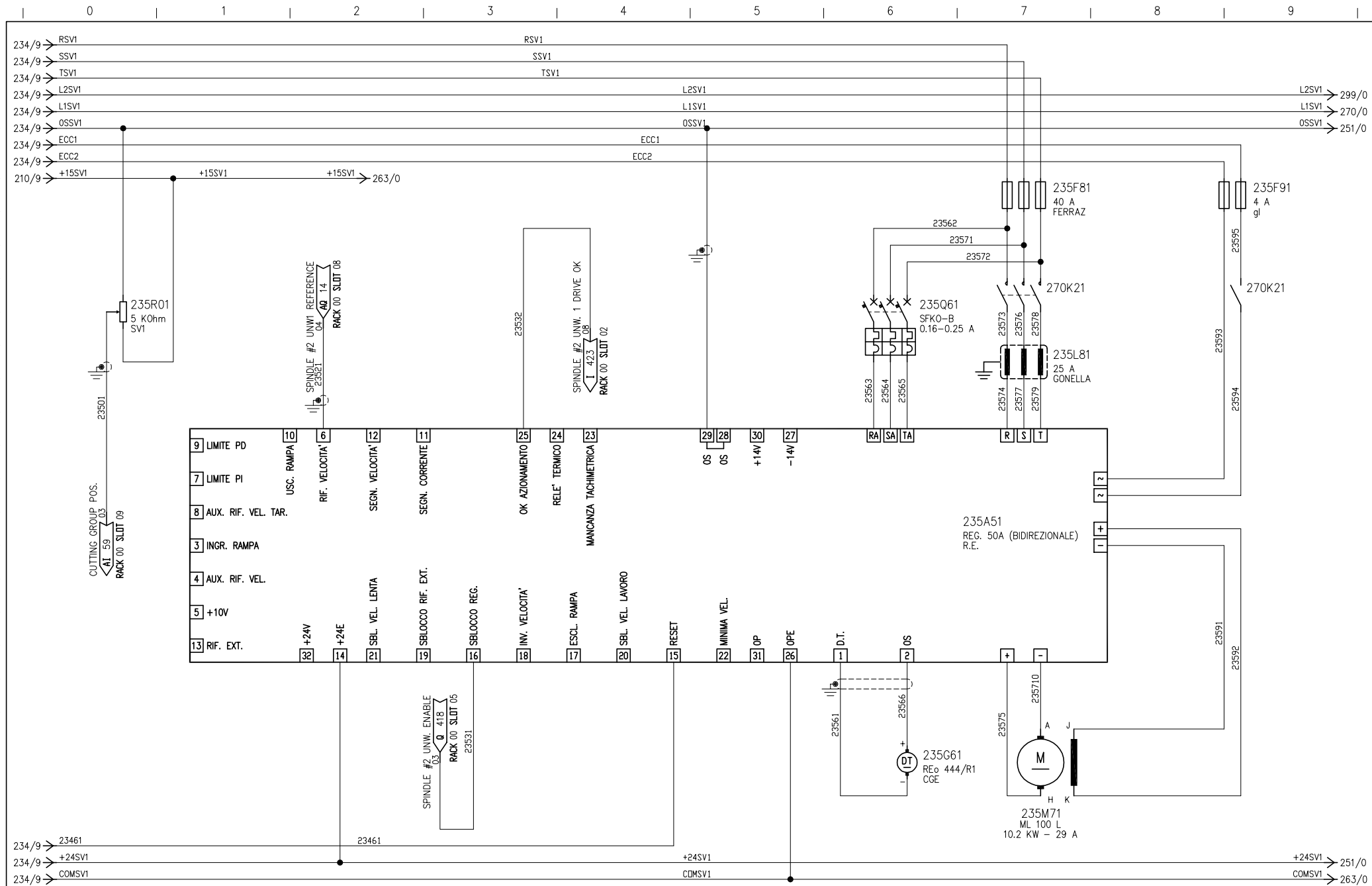
AC MOTORS		MATR. 1210_SV1	FOGLIO 206	SEGUE 210
MACCHINA SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	





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UNWINDER MOTOR SPINDLE 1		MATR. 1210_SV1	FOGLIO 234	SEGUE 235
MACCHINA	CLIENTE	DATA	TOT. FG.	
SVOLGITORE TAU-800	WALNUT PACKAGING	MAGGIO 2000	19	



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UNWINDER MOTOR SPINDLE 2

MACCHINA

SVOLGITORE TAU-800

CLIENTE

WALNUT PACKAGING

MATR.

1210_SV1

DATA

MAGGIO 2000

FOLGIO

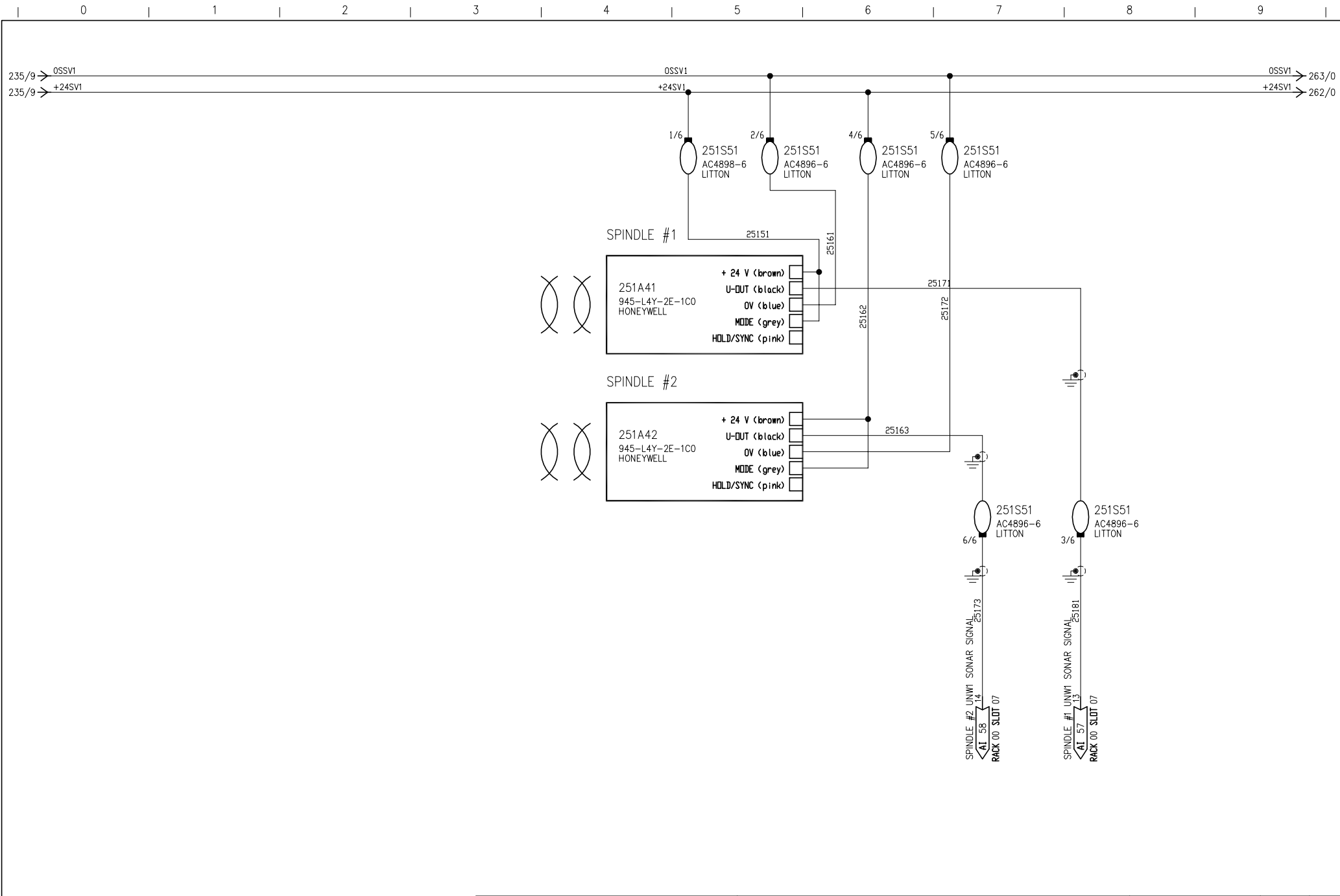
235

TOT. FG.

19

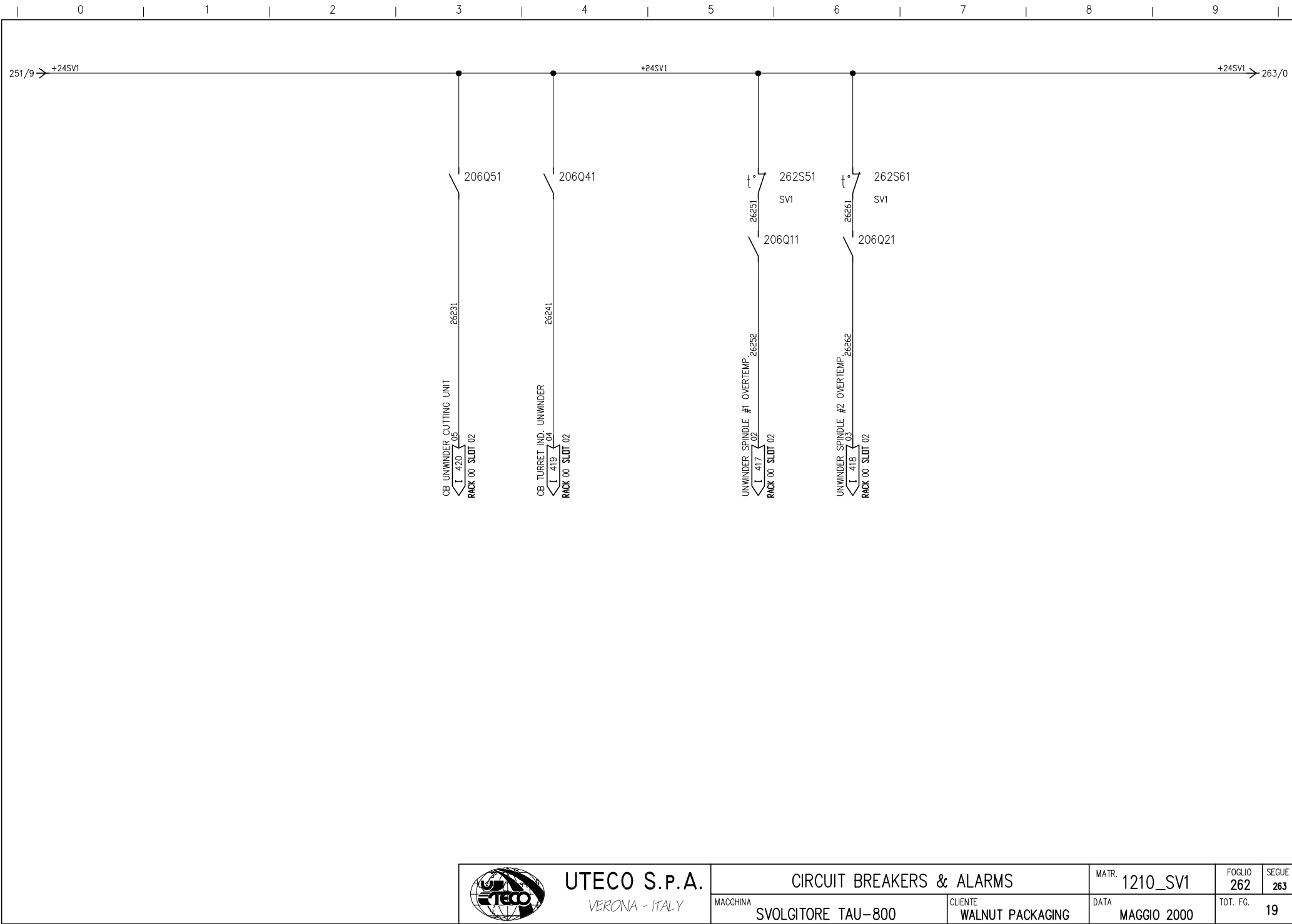
SEQUE

251



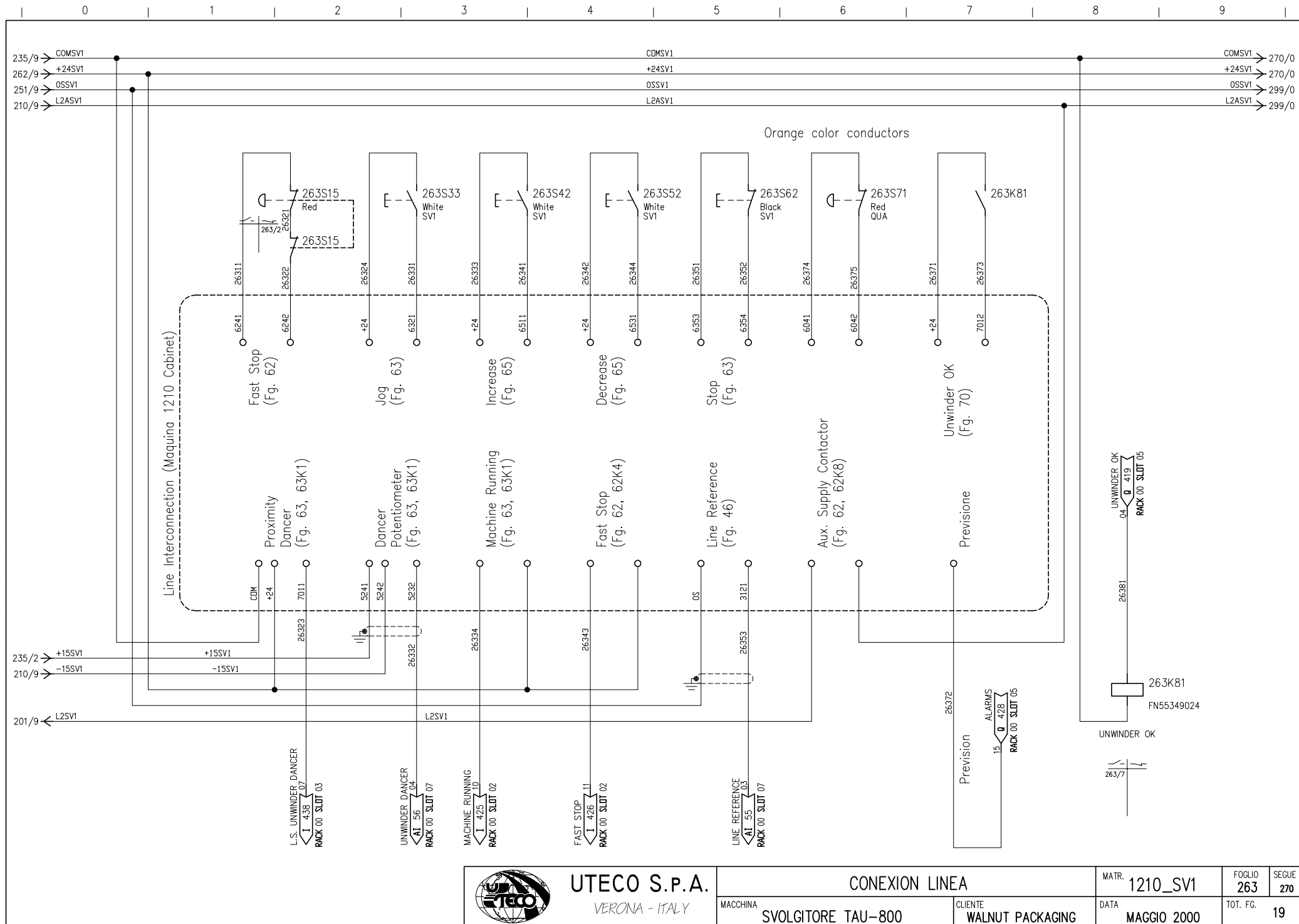
PROPRIETA' RISERVATA : QUESTO DISEGNO NON PUO' ESSERE COPIATO O RIPRODOTTO SENZA NOSTRA AUTORIZZAZIONE SCRITTA

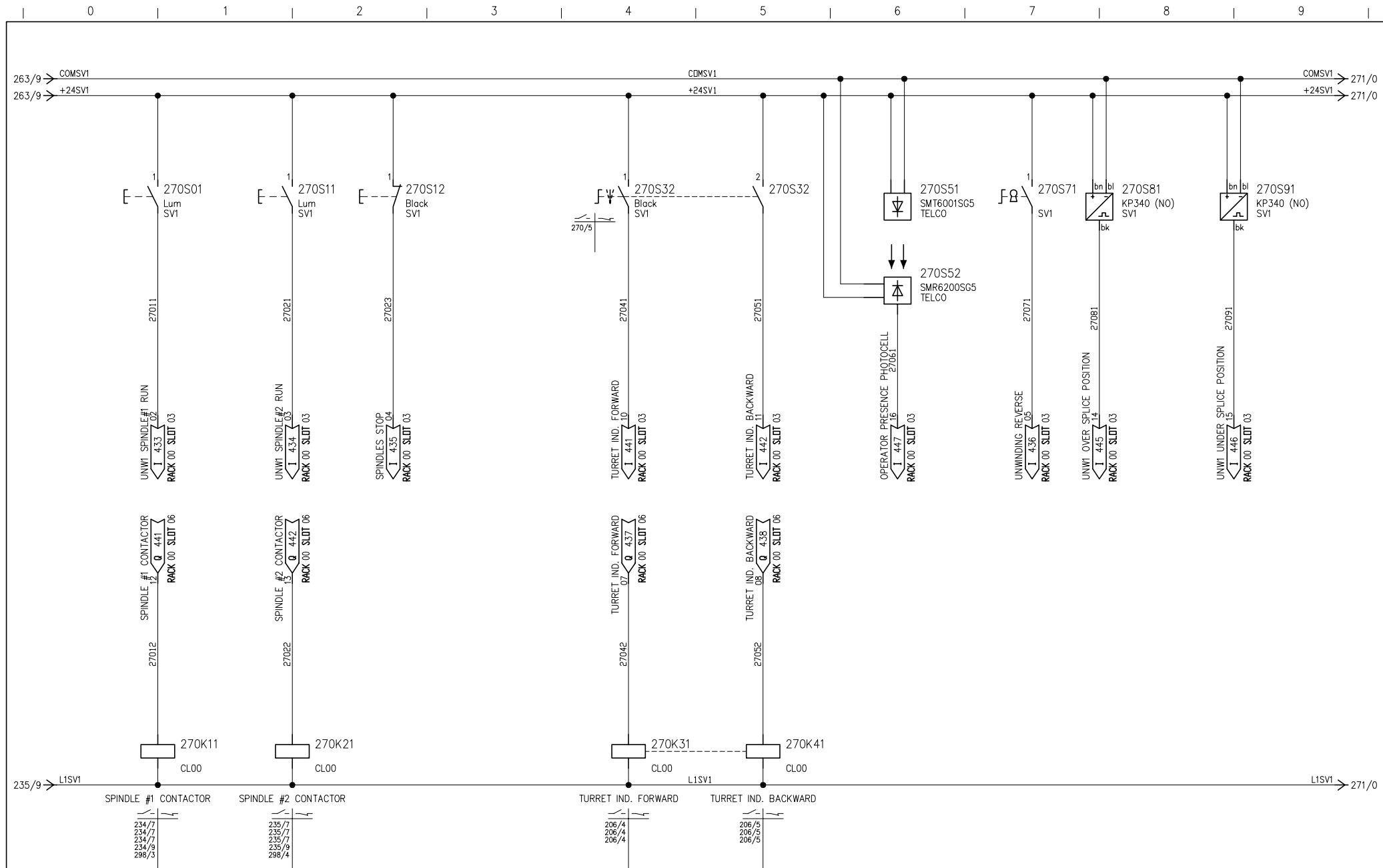
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CIRCUIT BREAKERS & ALARMS		MATR. 1210_SV1	FOGLIO 262	SEGUE 263
MACCHINA SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	





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UNWINDER AUXILIARIES

MACCHINA

SVOLGITORE TAU-800

CLIENTE

WALNUT PACKAGING

MATR.

1210_SV1

DATA

MAGGIO 2000

FOGLIO

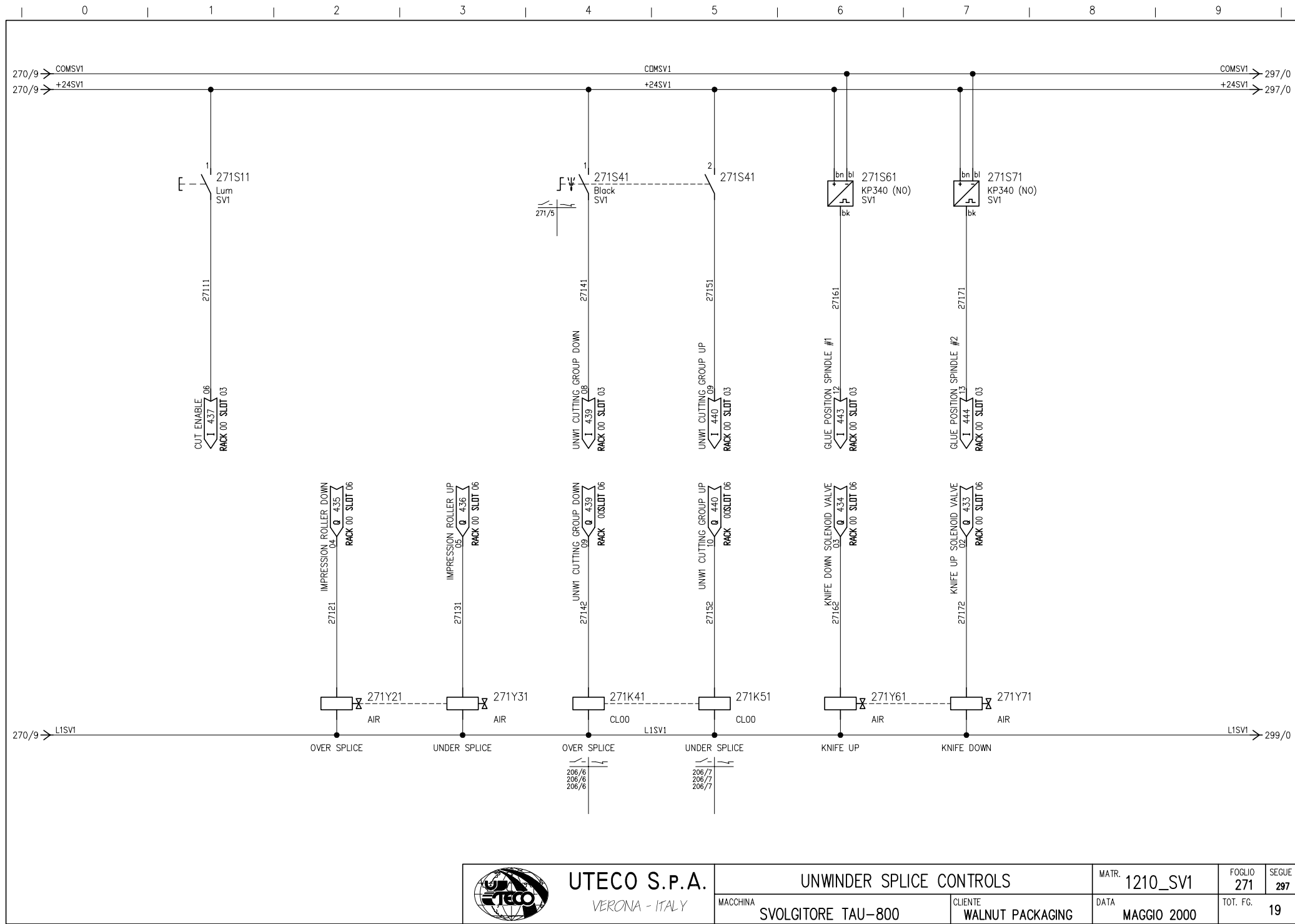
270

SEGUE

271

TOT. FG.

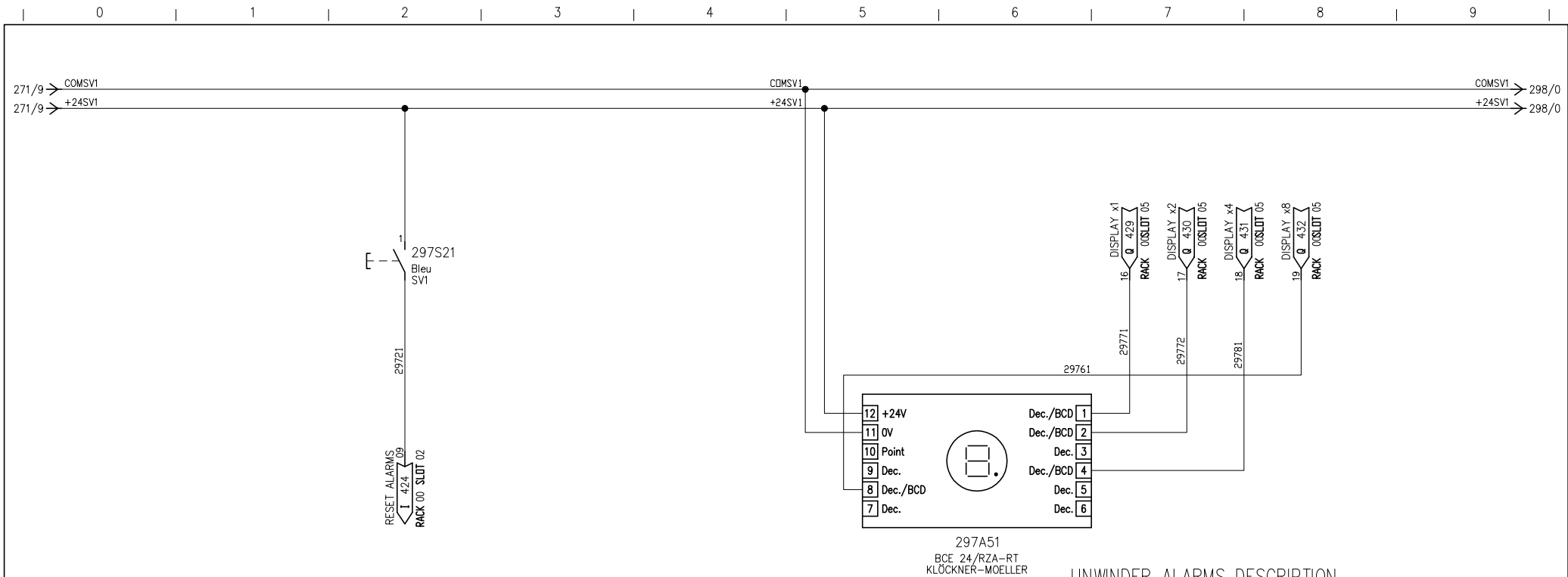
19



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MACCHINA
UNWINDER SPLICE CONTROLS
SVOLGITORE TAU-800

MATR. 1210_SV1	FOGLIO 271	SEGUE 297
DATA MAGGIO 2000	TOT. FG. 19	



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ALARMS DISPLAY

MATR. 1210_SV1

FOGLIO 297
SEGUE 298

MACCHINA

SVOLGITORE TAU-800

CLIENTE

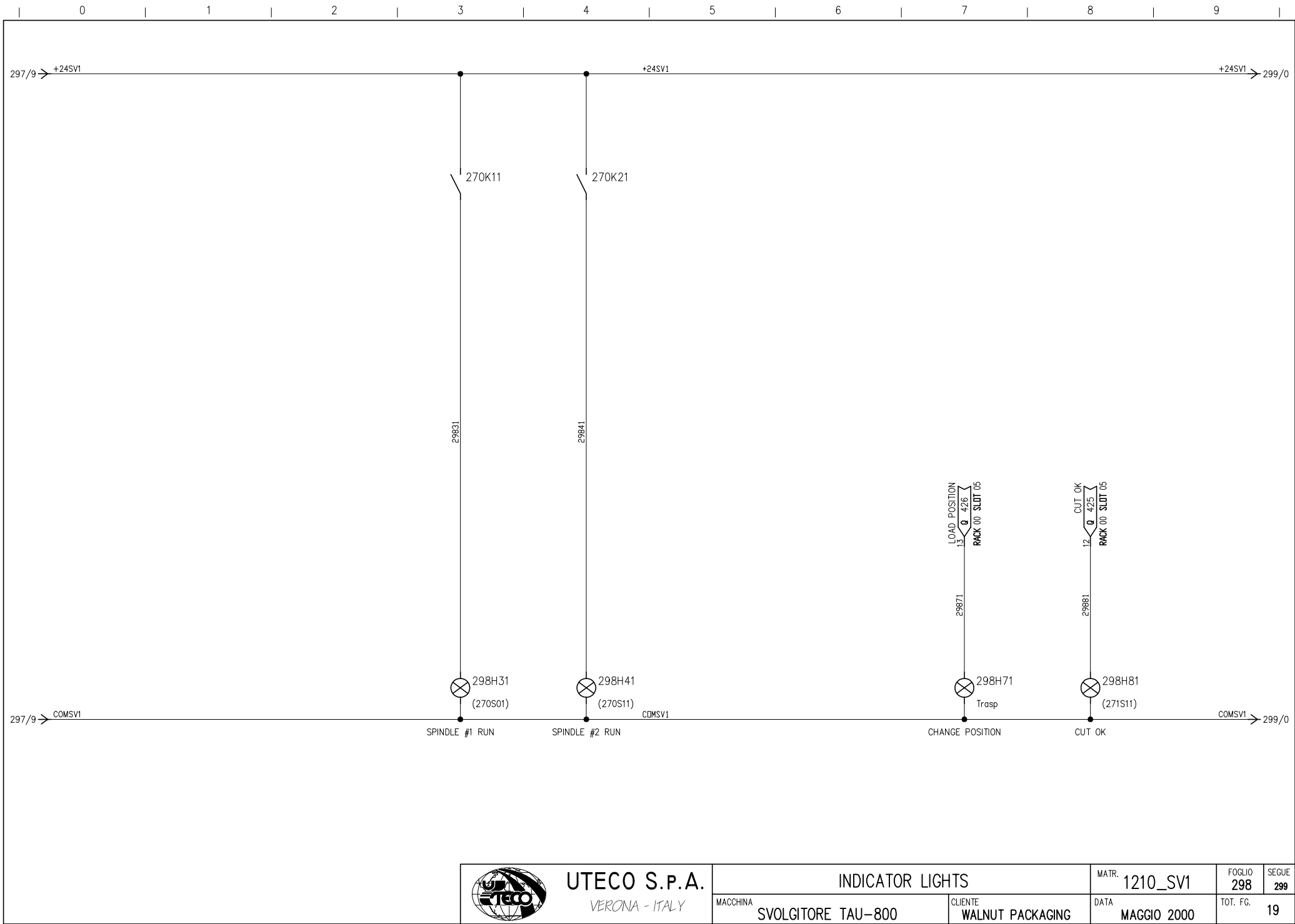
WALNUT PACKAGING

DATA

MAGGIO 2000

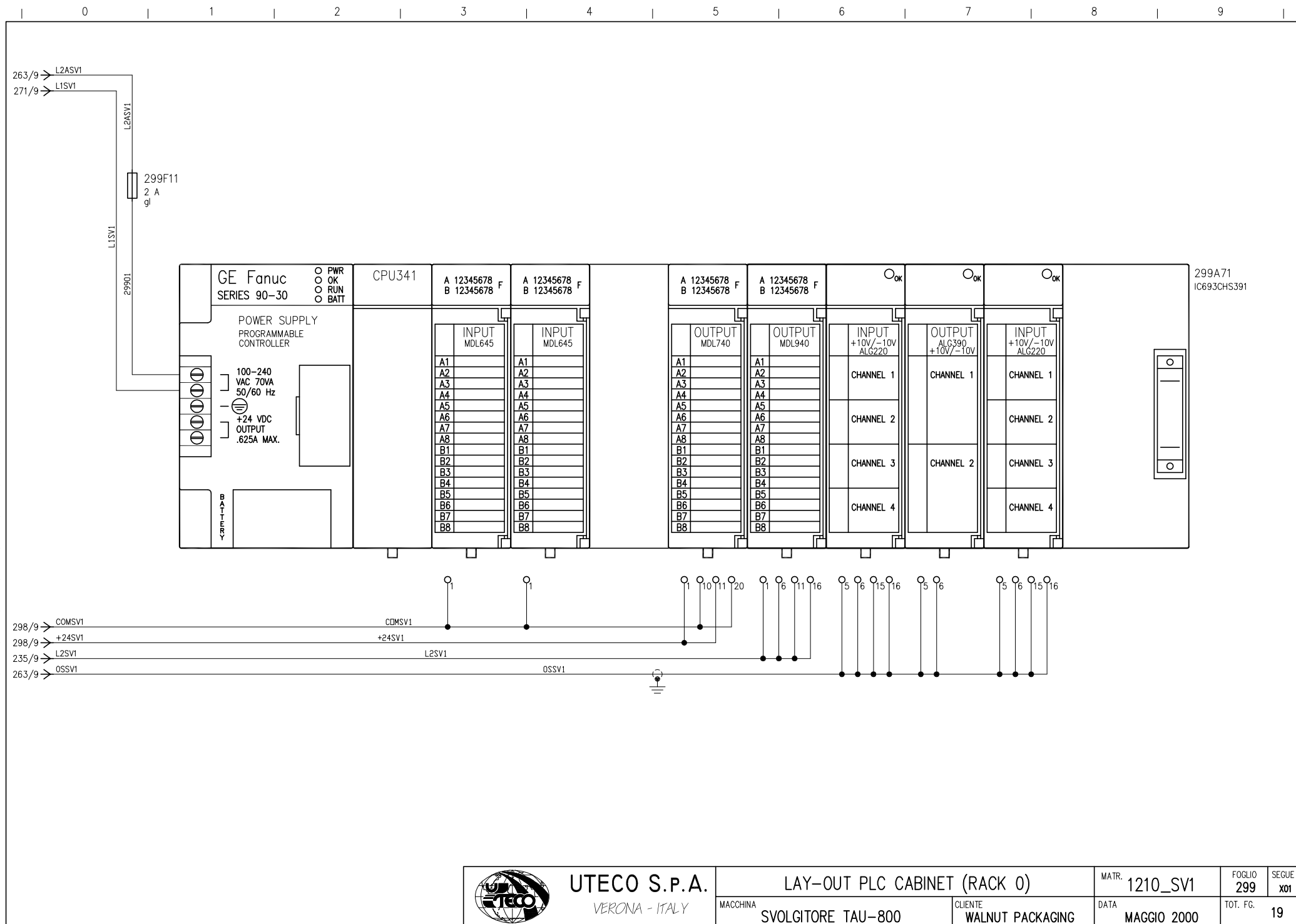
TOT. FG.

19



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MACCHINA	INDICATOR LIGHTS		MATR. 1210_SV1	FOGLIO 298	SEGUE 299
	SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	



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LAY-OUT PLC CABINET (RACK 0)		MATR. 1210_SV1	FOGLIO 299	SEGUE X01
MACCHINA SVOLGITORE TAU-800	CLIENTE WALNUT PACKAGING	DATA MAGGIO 2000	TOT. FG. 19	

RACK 00 SLOT 01				RACK 00 SLOT 02				RACK 00 SLOT 03				RACK 00 SLOT 04				RACK 00 SLOT 05			
				M O R S	I N D	MDL 645 INPUT	F O G	M O R S	I N D	MDL 645 INPUT	F O G					M O R S	I N D	MDL 740 OUTPUT	F O G
				02	417	UNWINDER SPINDLE #1 OVERTEMP.	262	02	433	UNW1 SPINDLE#1 RUN	270					02	417	SPINDLE #1 UNW. ENABLE	234
				03	418	UNWINDER SPINDLE #2 OVERTEMP.	262	03	434	UNW1 SPINDLE#2 RUN	270					03	418	SPINDLE #2 UNW. ENABLE	235
				04	419	CB TURRET IND. UNWINDER	262	04	435	SPINDLES STOP	270					04	419	UNWINDER OK	263
				05	420	CB UNWINDER CUTTING UNIT	262	05	436	UNWINDING REVERSE	270					05	420	RESET	234
				06	421	24 V D.C. PRESENCE	210	06	437	CUT ENABLE	271					06			
				07	422	SPINDLE #1 UNW.#1 DRIVE OK	234	07	438	L.S. UNWINDER DANCER	263					07			
				08	423	SPINDLE #2 UNW. 1 DRIVE OK	235	08	439	UNW1 CUTTING GROUP DOWN	271					08			
				09	424	RESET ALARMAS	297	09	440	UNW1 CUTTING GROUP UP	271					09			
				10	425	MACHINE RUNNING	263	10	441	TURRET IND. FORWARD	270					12	425	CUT OK	298
				11	426	EMERGENCY-STOP	263	11	442	TURRET IND. BACKWARD	270					13	426	LOAD POSITION	298
				12				12	443	GLUE POSITION SPINDLE #1	271					14			
				13				13	444	GLUE POSITION SPINDLE #2	271					15	428	ALARMS	263
				14				14	445	UNW1 OVER SPLICE POSITION	270					16	429	DISPLAY x1	297
				15				15	446	UNW1 UNDER SPLICE POSITION	270					17	430	DISPLAY x2	297
				16				16	447	OPERATOR PRESENCE PHOTOCELL	270					18	431	DISPLAY x4	297
				17				17								19	432	DISPLAY x8	297

RACK 00 SLOT 06				RACK 00 SLOT 07				RACK 00 SLOT 08				RACK 00 SLOT 07				RACK 00 SLOT 10			
M O R S	I N D	MDL 940 OUTPUT	F O G	M O R S	I N D	ALG220 INPUT	F O G	M O R S	I N D	ALG390 OUTPUT	F O G	M O R S	I N D	ALG220 INPUT	F O G				
02	433	KNIFE UP SOLENOID VALVE	271	03	55	LINE REFERENCE	263					03	59	UNWINDER CUTTING GROUP	263				
03	434	KNIFE DOWN SOLENOID VALVE	271																
04	435	IMPRESSION ROLLER DOWN	271																
05	436	IMPRESSION ROLLER UP	271																
07	437	TURRET IND. FORWARD	270	04	56	UNWINDER DANCER	234	03	13	REFERENCE SPINDLE #1	234		04	60					
08	438	TURRET IND. BACKWARD	270																
09	439	UNW1 CUTTING GROUP DOWN	271																
10	440	UNW1 CUTTING GROUP UP	271																
12	441	SPINDLE #1 CONTACTOR	270	13	57	SPINDLE #1 UNW. SONAR SIGNAL	251					13	61						
13	442	SPINDLE #2 CONTACTOR	270																
14																			
15																			
17				14	58	SPINDLE #2 UNW. SONAR SIGNAL	251	04	14	REFERENCE SPINDLE #2	235		14	62					
18																			
19																			
20																			



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I/O "RACK 0" DESCRIPTION – CABINET

MATR. 1210_SV1

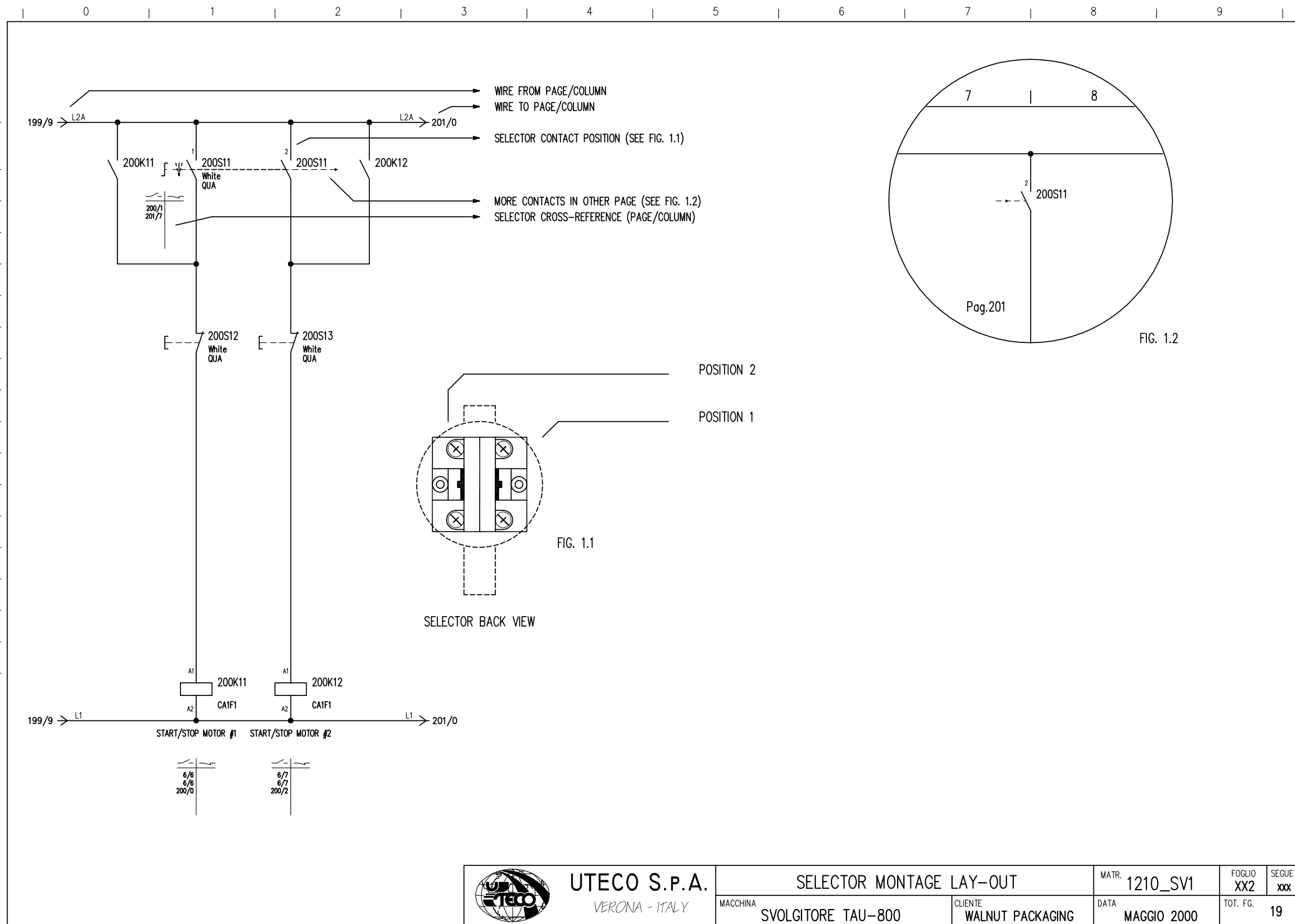
FOGLIO X01
 SEQUE XXI

MACCHINA
 SVOLGITORE TAU-800

CLIENTE
 WALNUT PACKAGING

DATA
 MAGGIO 2000

TOT. FG. 19



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VERONA - ITALY

SELECTOR MONTAGE LAY-OUT

MATR. 1210_SV1

FOGLIO XX2
SEGUE xxx

MACCHINA SVOLGITORE TAU-800

CLIENTE WALNUT PACKAGING

DATA MAGGIO 2000

TOT. FG. 19

SHEET NUMBER	TITLE
201	MAIN INLET
204	220 V SUPPLY
206	AC MOTORS
210	POWER SUPPLY 24 V
234	UNWINDER MOTOR SPINDLE 1
235	UNWINDER MOTOR SPINDLE 2
251	UNWINDER SONAR
262	CIRCUIT BREAKERS & ALARMS
263	CONEXION LINEA
270	UNWINDER AUXILIARIES
271	UNWINDER SPLICE CONTROLS
297	ALARMS DISPLAY
298	INDICATOR LIGHTS
299	LAY-OUT PLC CABINET (RACK 0)
X01	I/O "RACK 0" DESCRIPTION - CABINET
XX1	CAPTION
XX2	SELECTOR MONTAGE LAY-OUT
XXX	INDEX