GA-TECH

Via Giuseppe Sirtori 20838 RENATE (MB)
20837 Renate (MB)
Phone. +39 0362 925274
e-mail. info@gatechsrl.it

NOVASTILMEC S.p.A.
Coil Processing Equipment

Company / customer	CHINA 1
Project description	NOVASTILMEC A94
Job number	A94
Commission	

Manufacturer (company)	GA-TECH
Machine	CUT TO LENGHT LINE
Project name	A94_rev0
Created on	JANUARY 2012
Last revision date	APRIL 2012
Drawing by	TPM
Checked by	ALG
Approved by	FSP

Equipment list

Equipment code	Description
+Q01÷+Q022	MAIN BOARD
+Q25	ENTRY REMOTE BOARD
+Q26	LEVELLER 1 BOARD
+Q27	LEVELLER 2 BOARD
+Q28	STACKER BOARD
+P01	ENTRY DESK
+P02	MAIN DESK
+P03	EXIT DESK
+Q30	HEATER BOARD
+Q50	BOARD LIGHT / SOCKETS DESK ROOM

Mounting location	Page	Rev	Page description
=Cover & Contents	1	00	COVER PAGE
=Cover & Contents	2	00	EQUIPMENT LIST
=Cover & Contents	4	00	Table of contents
=Cover & Contents	5	00	Table of contents
=Cover & Contents	6	00	Table of contents
=Cover & Contents	7	00	Table of contents
=Cover & Contents	8	00	Table of contents
=Cover & Contents	9	00	Table of contents
=Cover & Contents	10	00	Table of contents
=Cover & Contents	11	00	Table of contents
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=Cover & Contents	13	00	Table of contents
=Cover & Contents	14	00	Table of contents
=Cover & Contents	15	00	Table of contents
=LAYOUT	50	00	MAIN BOARD EXTERNAL FRONT VIEW
=LAYOUT	51	00	MAIN BOARD EXTERNAL REAR VIEW
=LAYOUT	55	00	MAIN BOARD INTERNAL FRONT 1 VIEW
=LAYOUT	56	00	MAIN BOARD INTERNAL FRONT 2 VIEW
=LAYOUT	57	00	MAIN BOARD INTERNAL FRONT 3 VIEW
=LAYOUT	58	00	MAIN BOARD INTERNAL REAR 1 VIEW
=LAYOUT	59	00	MAIN BOARD INTERNAL REAR 2 VIEW
=LAYOUT	60	00	MAIN BOARD INTERNAL REAR 3 VIEW
=LAYOUT	70	00	Q25 ENTRY REMOTE BOARD INTERNAL/EXTERNAL VIEW
=LAYOUT	71	00	Q26 LEVELLER 1 BOARD INTERNAL/EXTERNAL VIEW
=LAYOUT	72	00	Q27 LEVELLER 2 BOARD INTERNAL/EXTERNAL VIEW
=LAYOUT	73	00	Q28 STACKER BOARD INTERNAL/EXTERNAL VIEW
=LAYOUT	80	00	ENTRY DESK -P01-
=LAYOUT	81	00	ENTRY DESK -P02-
=LAYOUT	82	00	ENTRY DESK -P02-
=LAYOUT	83	00	ENTRY DESK -P03-
=A94 +IL	100	00	INCOMING LINE 3~400V 50Hz
=A94 +IL	101	00	INCOMING LINE 3~400V 50Hz
=A94 +IL	102	00	INCOMING LINE 3~400V 50Hz
=A94 +IL	105	00	AUXILIARY INCOMING LINE 2~230V 50Hz
=A94 +IL	106	00	INTERNAL LIGHT
=A94 +IL	107	00	INTERNAL SOCKETS
=A94 +IL	108	00	INTERNAL HEATERS
=A94 +IL	109	00	POWER SUPPLY INTERNAL FAN 230V 50Hz
=A94 +IL	110	00	AUXILIARY CIRCUIT 230V 50Hz
=A94 +IL	111	00	AUXILIARY CIRCUIT 230V 50Hz
=A94 +IL	112	00	POWER SUPPLY 400V 50Hz
=A94 +IL	115	00	AUXILIARY CIRCUIT 110V 50Hz
=A94 +IL	120	00	POWER SUPPLY 24Vdc SOLENOIDE VALVES
=A94 +IL	121	00	POWER SUPPLY 24Vdc
=A94 +IL	122	00	POWER SUPPLY 24Vdc
=A94 +IL	125	00	POWER SUPPLY 24Vdc DRIVE
=A94 +IL	130	00	AUXILIARY INSERTION
=A94 +IL	150	00	EMERGENCY RELAY
=A94 +IL	151	00	EMERGENCY RELAY AUXILIARY CIRCUIT
=A94 +IL	155	00	SAFETY AREA 1
=A94 +IL	156	00	SAFETY AREA 1

Mounting location	Page	Rev	Page description
=A94 +IL	157	00	SAFETY AREA 1
=A94 +IL	160	00	SAFETY AREA 2
=A94 +IL	161	00	SAFETY AREA 2
=A94 +IL	162	00	SAFETY AREA 2
=A94 +IL	165	00	SAFETY AREA 3
=A94 +IL	166	00	SAFETY AREA 3
=A94 +IL	167	00	SAFETY AREA 3
=A94 +IL	190	00	POWER SUPPLY MOTOR CIRCUIT
=A94 +IL	192	00	POWER SUPPLY SOLENOIDE VALVES
=A94 +IL	195	00	POWER SUPPLY STAND-BY BRAKES
=A94 +AC/DC	200	00	CONVERTER AC-DC BUS
=A94 +AC/DC	201	00	CONVERTER AC-DC BUS
=A94 +AC/DC	202	00	CONVERTER AC-DC BUS
=A94 +AC/DC	205	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	206	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	207	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	208	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	209	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	210	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	211	00	SINAMICS CONTROL UNIT CU320-2
=A94 +AC/DC	212	00	SINAMICS CONTROL UNIT CU320-2
=A94 +DRM01	213	00	ENTRY COIL CAR
=A94 +DRM02	215	00	UNCOILER MOTOR SIDE
=A94 +DRM02	216	00	UNCOILER MOTOR SIDE
=A94 +DRM03	220	00	UNCOILER OPERATOR SIDE
=A94 +DRM03	221	00	UNCOILER OPERATOR SIDE
=A94 +DRM04	225	00	STRAIGHTENING - ENTRY PINCH ROLL ROTATION
=A94 +DRM04	226	00	STRAIGHTENING - ENTRY PINCH ROLL ROTATION
=A94 +DRM05	230	00	STRAIGHTENING - ROTATION
=A94 +DRM05	231	00	STRAIGHTENING - ROTATION
=A94 +DRM06	235	00	STRAIGHTENING - BLADE O.S. ROTATION
=A94 +DRM06	236	00	STRAIGHTENING - BLADE O.S. ROTATION
=A94 +DRM07	240	00	STRAIGHTENING - BLADE M.S. ROTATION
=A94 +DRM07	241	00	STRAIGHTENING - BLADE M.S. ROTATION
=A94 +DRM08	245	00	STRAIGHTENING - HAED O.S. / M.S. POSITION
=A94 +DRM09	250	00	SCRAP CUT - BLADE O.S. ROTATION
=A94 +DRM09	251	00	SCRAP CUT - BLADE O.S. ROTATION
=A94 +DRM10	255	00	SCRAP CUT - BLADE M.S. ROTATION
=A94 +DRM10	256	00	SCRAP CUT - BLADE M.S. ROTATION
=A94 +DRM11	260	00	SCRAP CUT - HAED O.S. / M.S. POSITION
=A94 +DRM12	265	00	LEVELLER N°1 ROTATION
=A94 +DRM12	266	00	LEVELLER N°1 ROTATION
=A94 +DRM13	270	00	LEVELLER N°2 ROTATION
=A94 +DRM13	271	00	LEVELLER N°2 ROTATION
=A94 +DRM14	275	00	PLASTICIZING - ROLLS ROTATION
=A94 +DRM14	276	00	PLASTICIZING - ROLLS ROTATION
=A94 +DRM15	278	00	TAIL PINCH ROLL - SPARE
=A94 +DRM16	280	00	BELT CONVEYOR 1
=A94 +DRM17	282	00	BELT CONVEYOR 2
=A94 +DRM18	284	00	PINCH ROLL ENTRY STAKER - TRANSFER PLATFORM
=A94 +DRM19	286	00	STACKER 1 / 2 - FLYWHEEL ROTATION

Mounting location	Page	Rev	Page description
=A94 +DRM20	288	00	STACKER 1 TO 2 SHEETS TRANSPORT 1/2 O.S.
			SHEETS TRANSPORT 1/2 M.S.
=A94 +DRM20	289	00	STACKER 2 SHEETS TRANSPORT 1/2 O.S. SHEETS TRANSPORT 1/2 M.S.
=A94 +DRM21	290	00	STACKER 2 SHEETS TRANSPORT 1/2 O.S. SHEETS TRANSPORT 1/2 M.S.
=A94 +DRM21	291	00	STACKER 2 SHEETS TRANSPORT 1/2 O.S. SHEETS TRANSPORT 1/2 M.S.
=A94 +DRM22	293	00	PLATFORM 1-2 DOWNLOAD PACK
=A94 +DRM23	295	00	WEIGHT PLATFORM 1-2 DOWNLOAD PACK
=A94 +DRM23	296	00	WEIGHT PLATFORM 1-2 DOWNLOAD PACK
=A94 +DRM24	297	00	PLATFORM/CHAINS 1-2 DOWNLOAD PACK
=A94 +DRM25	298	00	STRAPPING PLATFORM/CHAINS 1-2 DOWNLOAD PACK
=A94 +DRM25	298a	00	WEIGHT PLATFORM 1-2 DOWNLOAD PACK
=A94 +DRM26	299	00	PALLET LOAD STRIKER 1/2
=A94 +AC	300	00	OLEODINAMIC EQUIPMENT
=A94 +AC	301	00	OLEODINAMIC EQUIPMENT
=A94 +AC	302	00	POWER SUPPLY AC MOTORS
=A94 +AC	303	00	POWER SUPPLY AC MOTORS
=A94 +AC	304	00	POWER SUPPLY AC MOTORS
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=A94 +AC	339	00	POWER SUPPLY BRAKES

Mounting location	Page	Rev	Page description
=A94 +AC	340	00	POWER SUPPLY BRAKES
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=A94 +AC	361	00	AUXILIARY CIRCUIT BRAKES
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=A94 +AC	370	00	AUXILIARY CIRCUIT BRAKES
=A94 +AC	371	00	AUXILIARY CIRCUIT BRAKES
=A94 +AC	380	00	POWER SUPPLY
=A94 +AC	381	00	POWER SUPPLY
=A94 +AC	382	00	POWER SUPPLY
=A94 +AC	390	00	POWER SUPPLY EMG
=A94 +AC	391	00	POWER SUPPLY LIGHT MACHINE
=A94 +AC	392	00	POWER SUPPLY LIGHT-SOCKETS DESK ROOM
=A94 +PLC	400	00	PLC CONFIGURATION NETWORK SYSTEM
=A94 +PLC	401	00	PLC CONFIGURATION NETWORK SYSTEM
=A94 +PLC	402	00	PLC CONFIGURATION NETWORK SYSTEM
=A94 +PLC	403	00	PLC CONFIGURATION NETWORK SYSTEM
=A94 +PLC	404	00	PLC CONFIGURATION NETWORK SYSTEM
=A94 +PLC	405	00	PLC CONFIGURATION PLC RACK
=A94 +PLC	406	00	PLC CONFIGURATION OUTPUT BOARD
=A94 +PLC	407	00	PLC CONFIGURATION INPUT BOARD
=A94 +PLC	408	00	PLC CONFIGURATION INPUT / OUTPUT FIELD
=A94 +PLC	409	00	PROFIBUS REPEATER
=A94 +PLC	410	00	POWER SUPPLY PROFIBUS ENCODER
=A94 +PLC	411	00	POWER SUPPLY PROFIBUS ENCODER
=A94 +PLC	415	00	POWER SUPPLY PROFIBUS POTENTIOMETER
=A94 +PLC	416	00	POWER SUPPLY PROFIBUS POTENTIOMETER
=A94 +PLC	420	00	ANALOG INPUT
=A94 +PLC	422	00	ANALOG OUTPUT
=A94 +PLC	423	00	ANALOG OUTPUT
=A94 +PLC	425	00	ENCODER CARD
=A94 +PLC	426	00	ENCODER CARD
=A94 +PLC	430	00	DIGITAL OUTPUT BOARD
=A94 +PLC	431	00	DIGITAL OUTPUT BOARD
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Mounting location	Page	Rev	Page description
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Mounting location	Page	Rev	Page description
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=A94 +Q25	650	00	PLC CONFIGURATION ENTRY REMOTE BOARD
=A94 +Q25	651	00	PLC CONFIGURATION ENTRY REMOTE BOARD
=A94 +Q25	655	00	ANALOG INPUTS
=A94 +Q25	657	00	ANALOG OUTPUT
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Mounting location	Page	Rev	Page description
=A94 +Q25	689	00	DIGITAL OUTPUTS
=A94 +Q26	700	00	PLC CONFIGURATION JB LEVELLER 1
=A94 +Q26	705	00	DIGITAL INPUTS
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=A94 +Q26	716	00	DIGITAL OUTPUTS
=A94 +Q27	720	00	PLC CONFIGURATION JB LEVELLER 2
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=A94 +Q27	736	00	DIGITAL OUTPUTS
=A94 +Q27	737	00	DIGITAL OUTPUTS
=A94 +Q28	750	00	PLC CONFIGURATION STACKER BOARD
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=A94 +Q28	755	00	ANALOG INPUTS
=A94 +Q28	760	00	DIGITAL INPUTS
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=A94 +Q28	787	00	DIGITAL OUTPUTS
=A94 +Q28	788	00	DIGITAL OUTPUTS

Mounting location	Page	Rev	Page description
=A94 +P01	800	00	POWER SUPPLY ENTRY DESK
=A94 +P01	801	00	PLC CONFIGURATION ENTRY DESK
=A94 +P01	805	00	DIGITAL INPUTS
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=A94 +P01	836	00	DIGITAL OUTPUTS
=A94 +P01	837	00	DIGITAL OUTPUTS
=A94 +P01	838	00	DIGITAL OUTPUTS
=A94 +P02	850	00	POWER SUPPLY MAIN DESK
=A94 +P02	851	00	PLC CONFIGURATION MAIN DESK
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=A94 +P02	853	00	SWITCH ETHERNET
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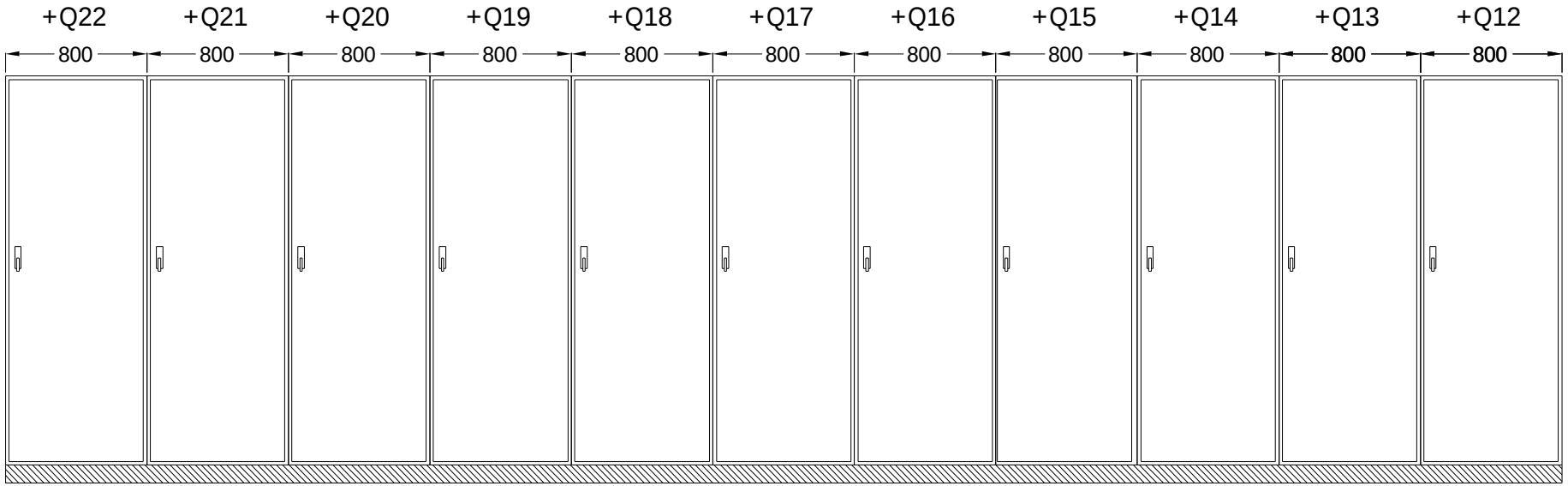
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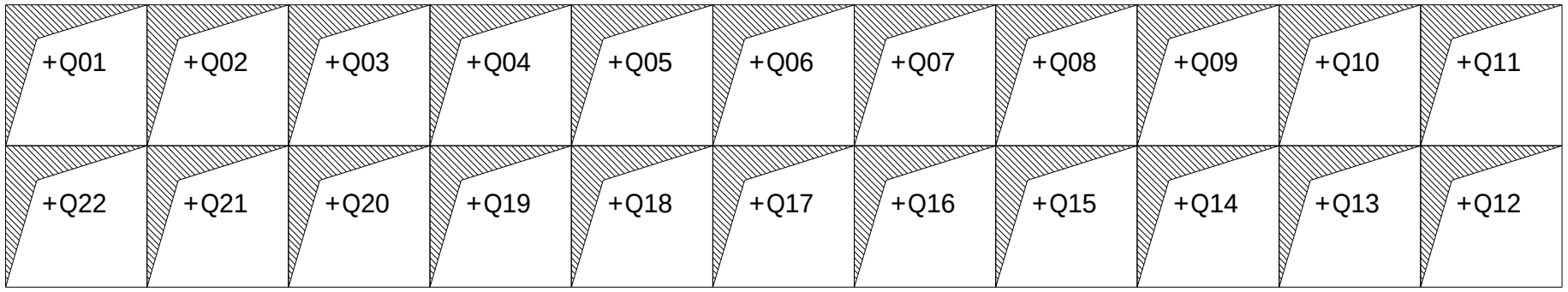
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FRONT VIEW



BOTTON VIEW



Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

MAIN BOARD
EXTERNAL FRONT VIEW

Descript.

NOVASTILMEC A94

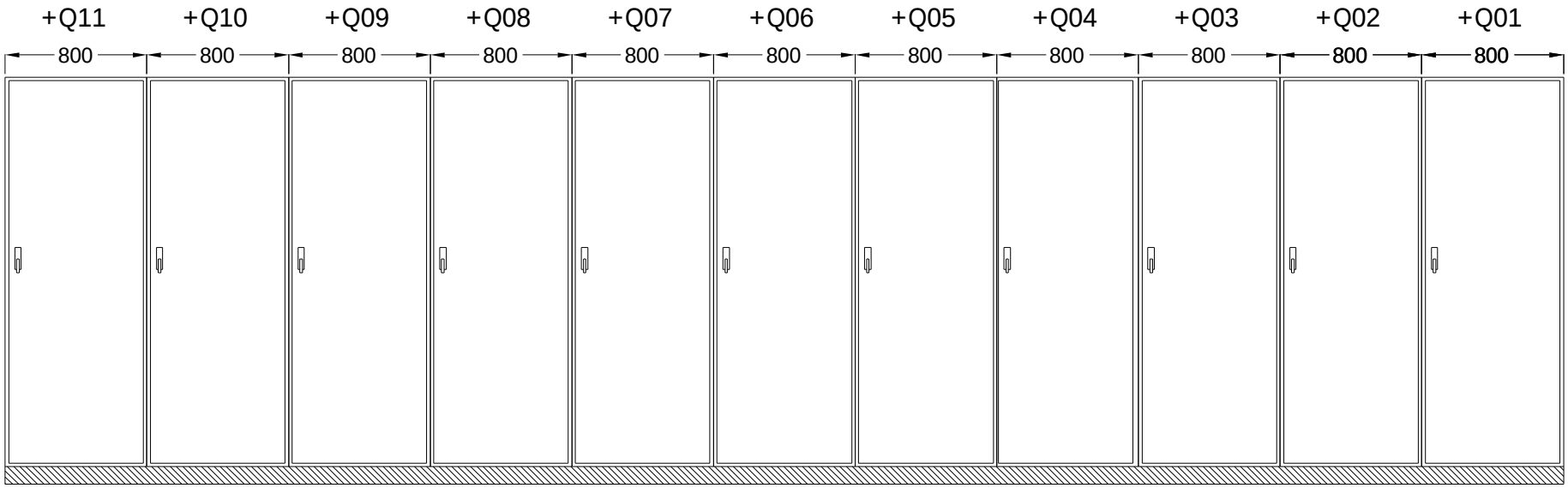
Job Nr.

Dwg.Nr. A94

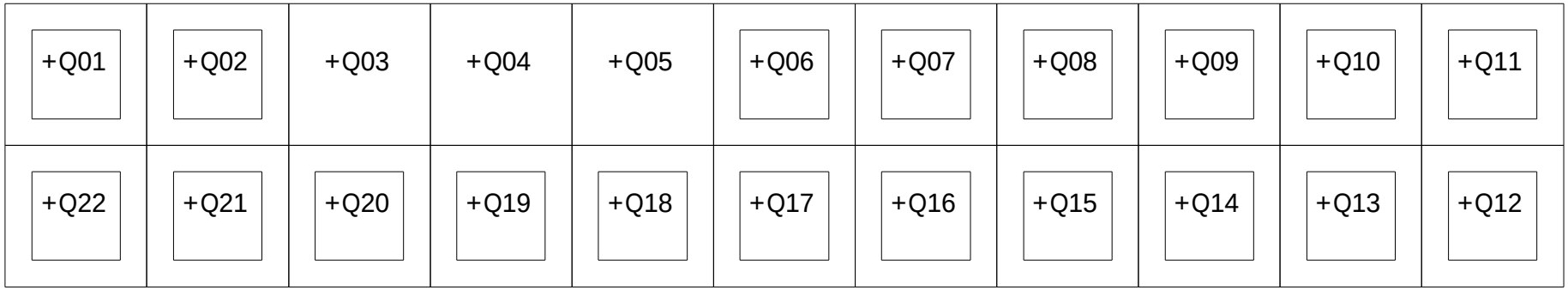
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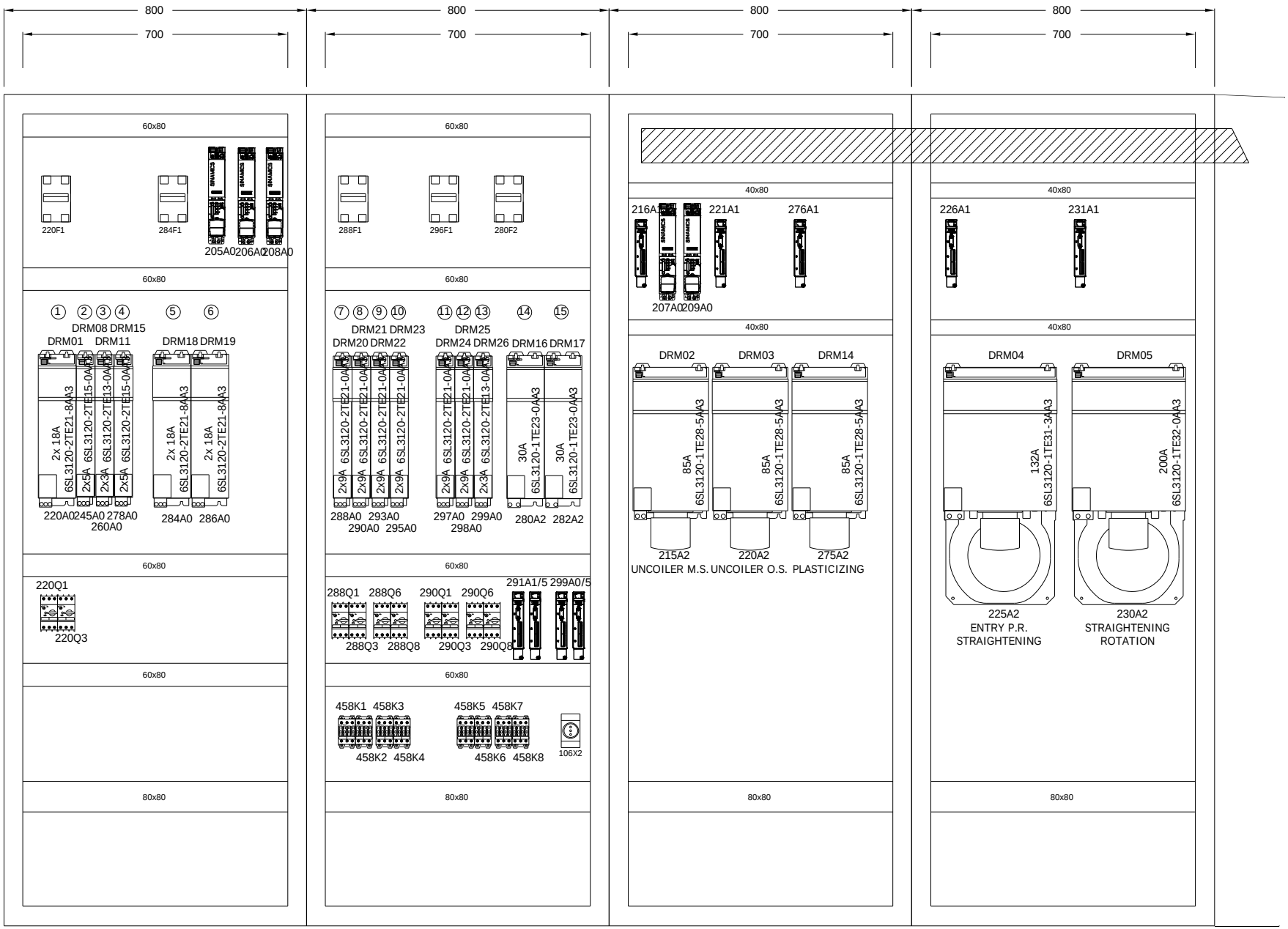
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REAR VIEW



TOP VIEW





① COIL CAR
② HAED POS. STRAIGHTENING
③ HAED POS. SCRAP CUT
④ TAIL PINCH ROLL + SPARE

⑤ P.R. SCHIZZO SUP. + PLATFORM DOWNLOAD PACK
⑥ FLYWHEEL ROT. STACKER 1-2

⑦ ROTAZIONE NASTRINI 1-2 IMPILATORE 1
⑧ ROTAZIONE NASTRINI 1-2 IMPILATORE 2
⑨ RULLIERA 1-2 FORMAPACCO
⑩ RULLIERA 1-2 PESATURA

⑪ RULLIERA 1-2 / COMBINATA RULLI/CATENA
⑫ RULLIERA 1-2 / COMBINATA DOPO REGGIATRICE
⑬ RULLIERA 1-2 / CARICO BANCATA

⑭ BELT CONVEYOR 1 / OUT FLYING SHEAR
⑮ BELT CONVEYOR 2 / OUT FLYING SHEAR

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				Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: MAIN BOARD INTERNAL FRONT 1 VIEW

NOVASTILMEC A94

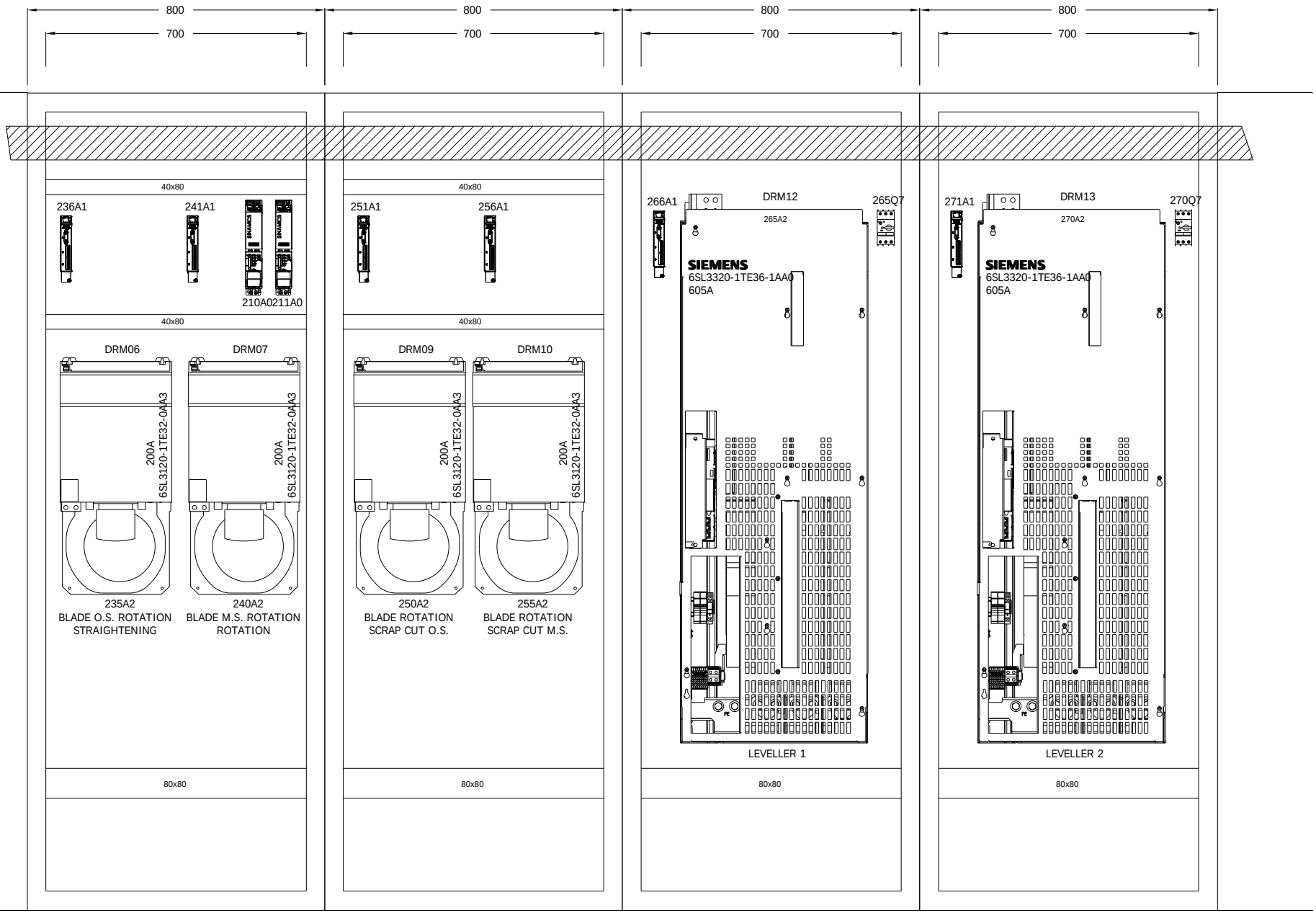
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Job Nr.

Dwg.Nr. A94

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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

MAIN BOARD
INTERNAL FRONT 2 VIEW

Descript.

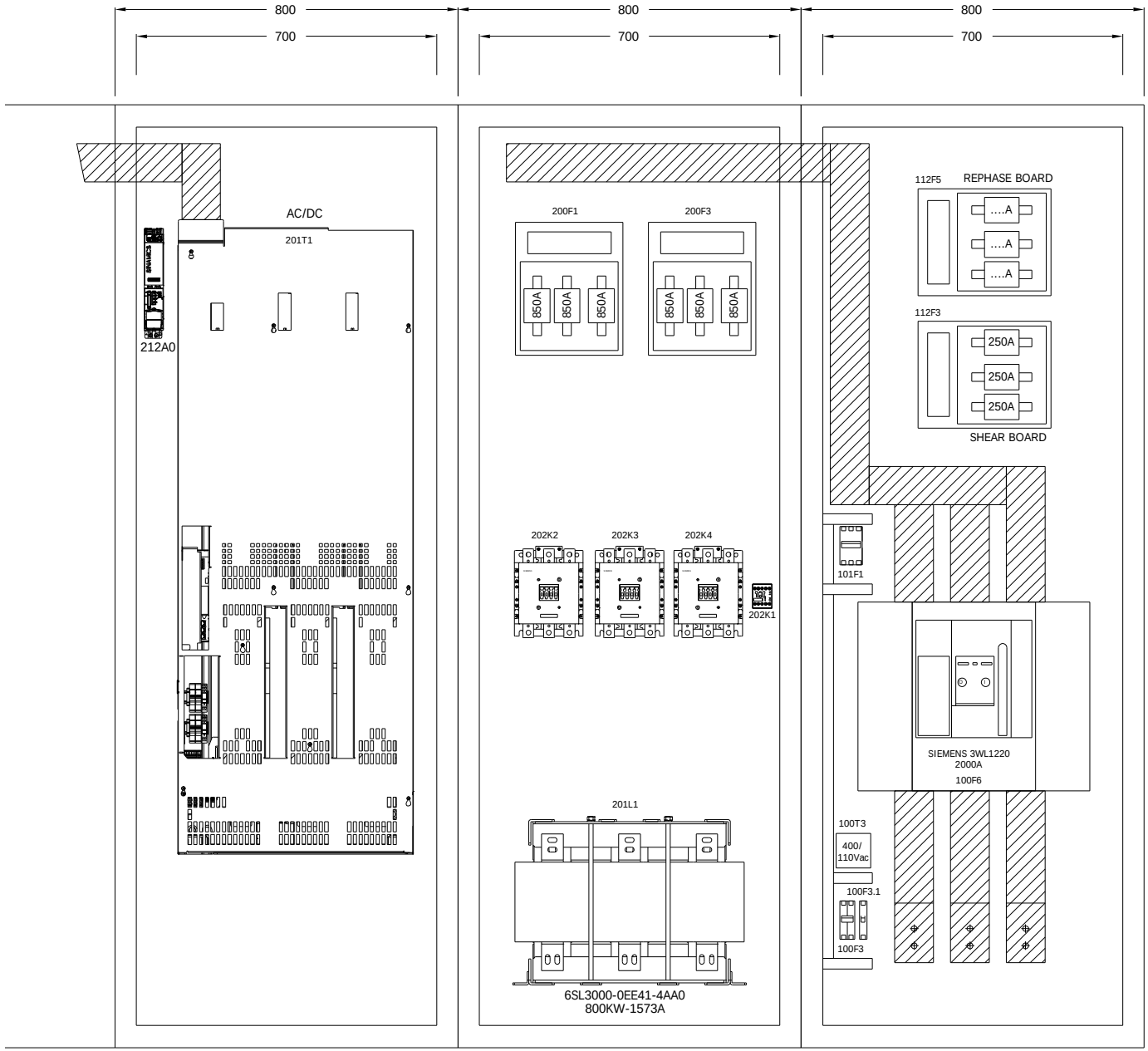
NOVASTILMEC A94

Job Nr.

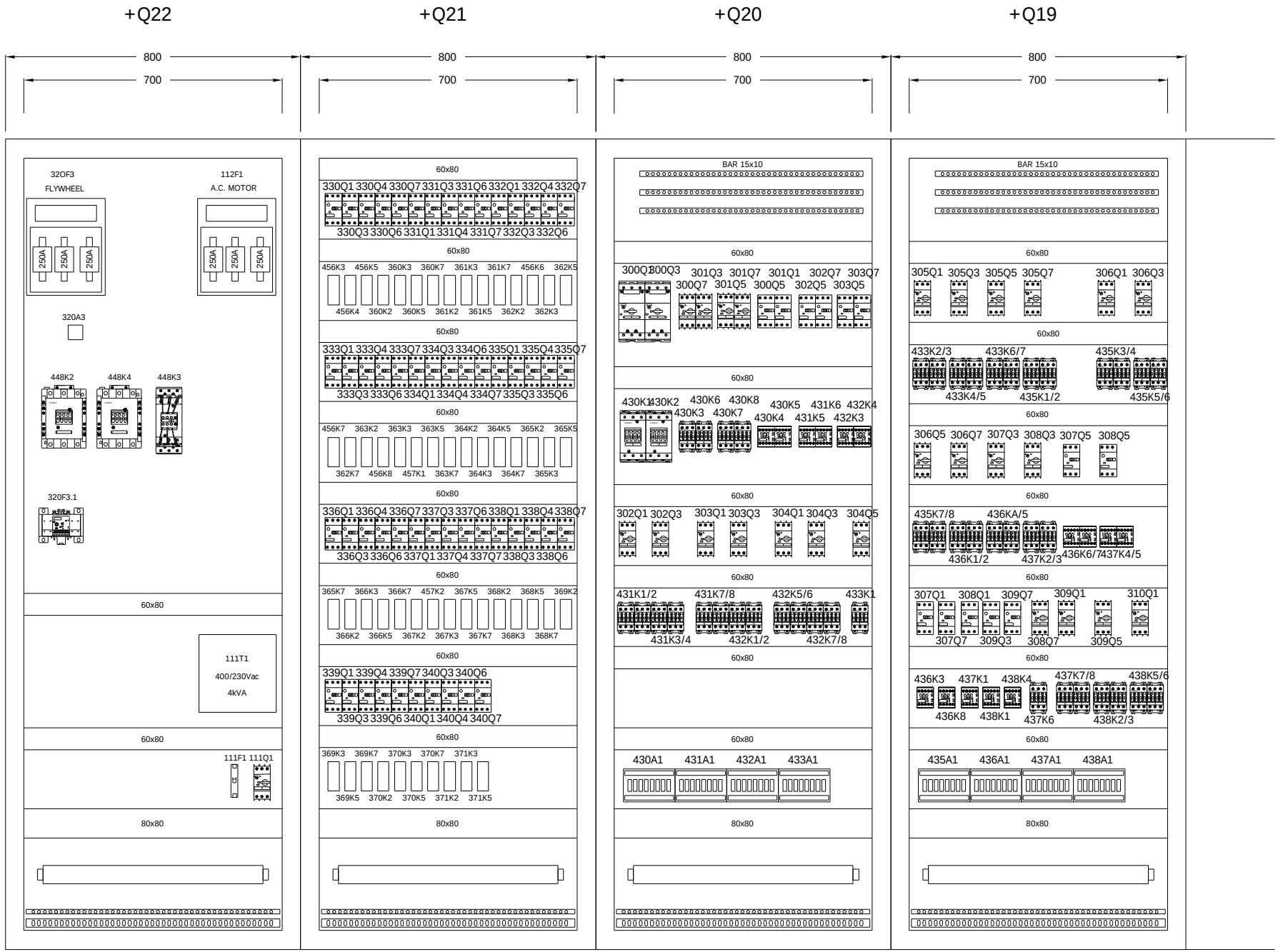
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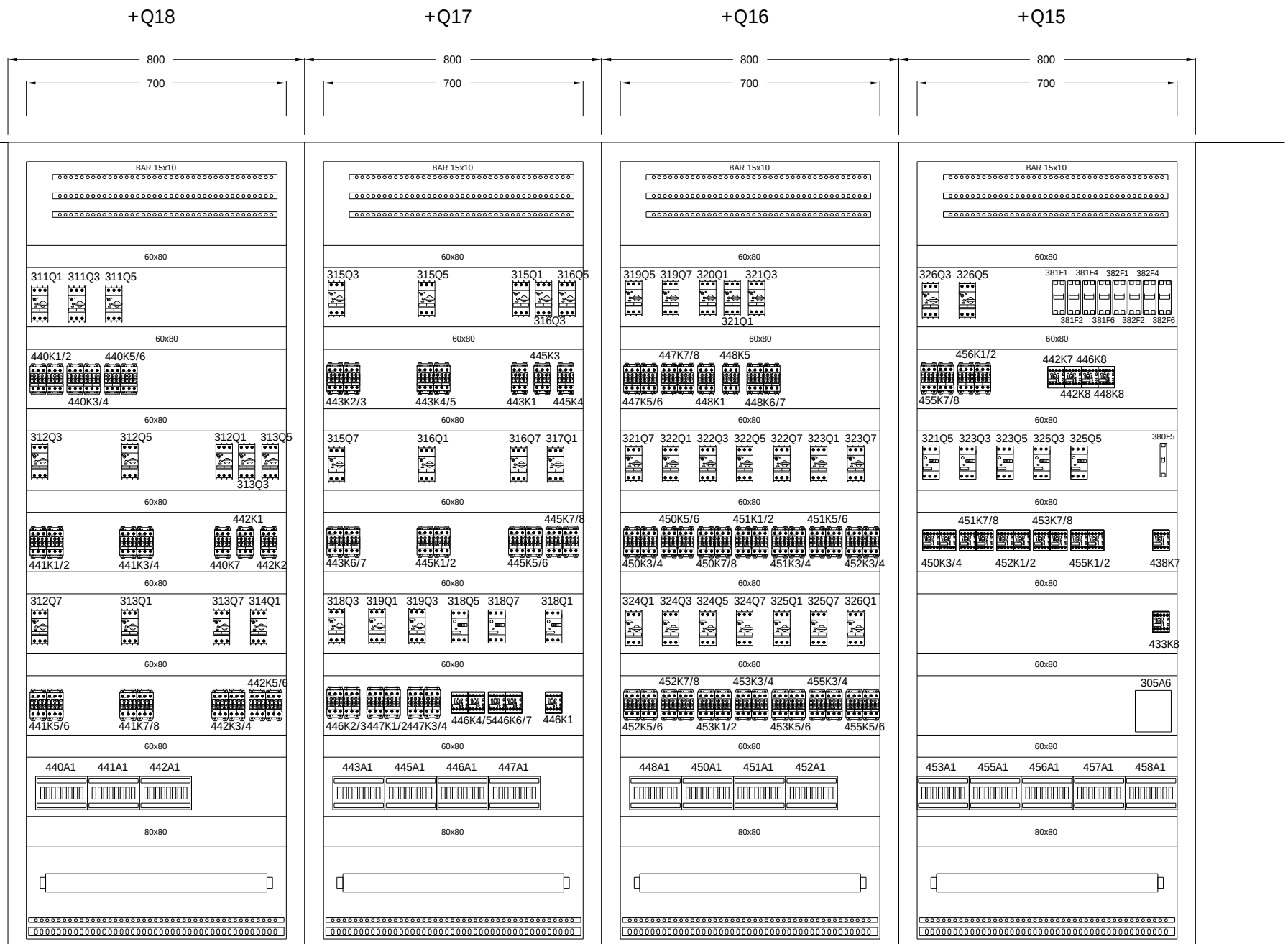
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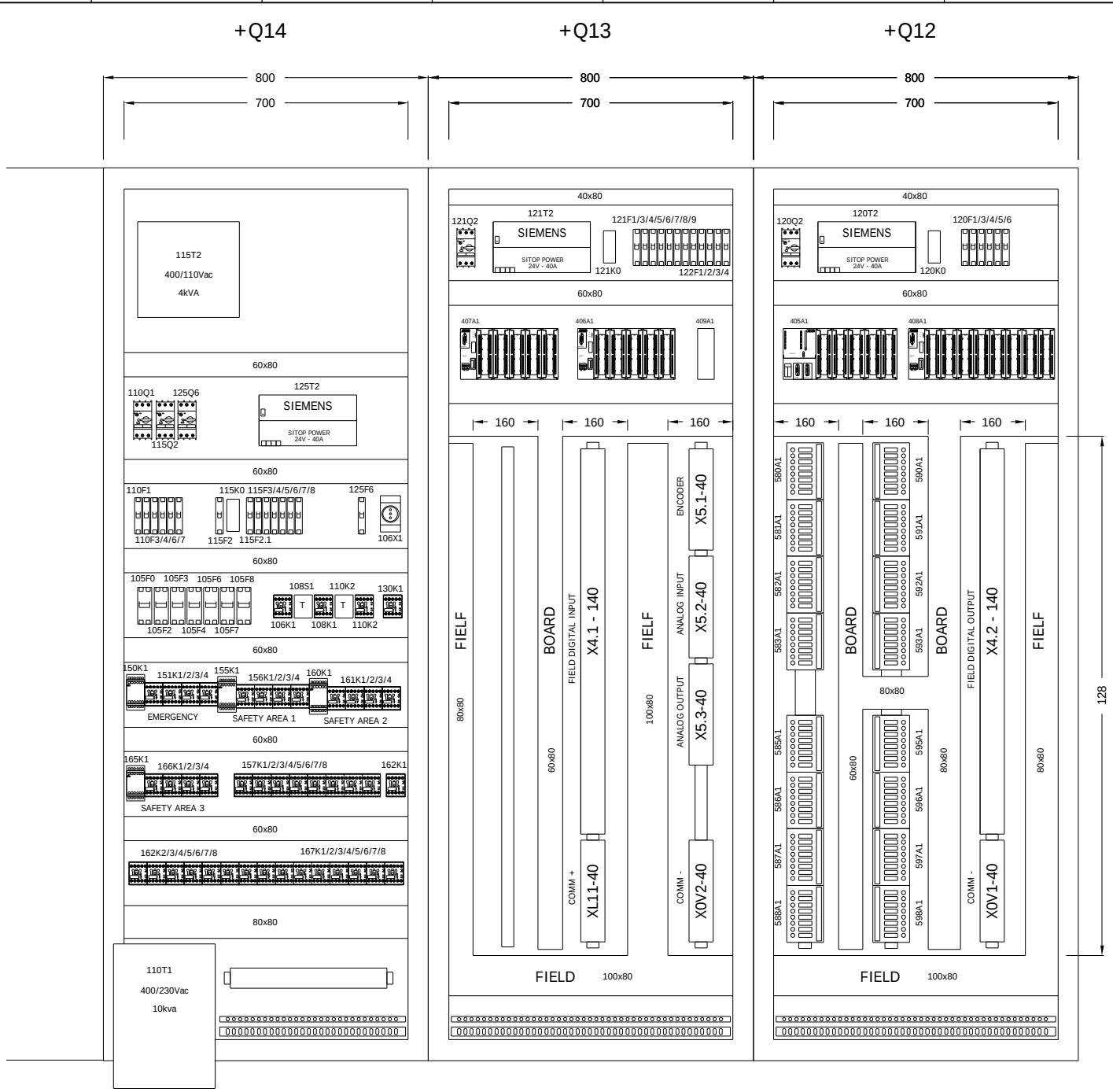
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				Check	ALE				Job Nr.	Dwg.Nr. A94
Rev.	Descript.	Date	Name	Original				Descript.		Page 57 / Follow 58



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	MAIN BOARD INTERNAL REAR 1 VIEW	NOVASTILMEC A94	= LAYOUT
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Rev.	Descript.	Date	Name	Original				Descript.			Follow 59

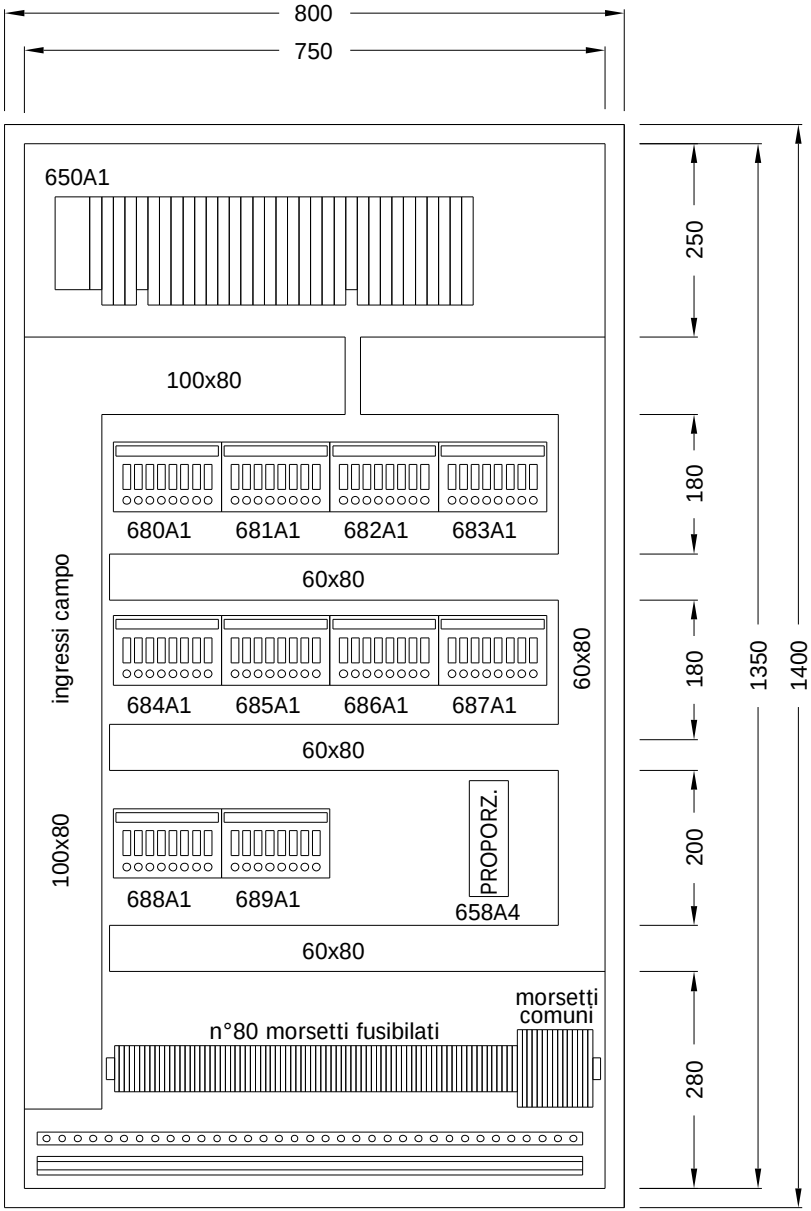


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Rev.	Descript.	Date	Name	Original				Descript.		Page 59 / Follow 60



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	MAIN BOARD INTERNAL REAR 3 VIEW	NOVASTILMEC A94	= LAYOUT
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				Check	ALE				Job Nr.	Dwg.Nr. A94	Page 60
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+Q25
ENTRY LINE REMOTE BOARD



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
Rev.	Descript.	Date	Name	Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Q25 ENTRY REMOTE BOARD
INTERNAL/EXTERNAL VIEW

Descript.

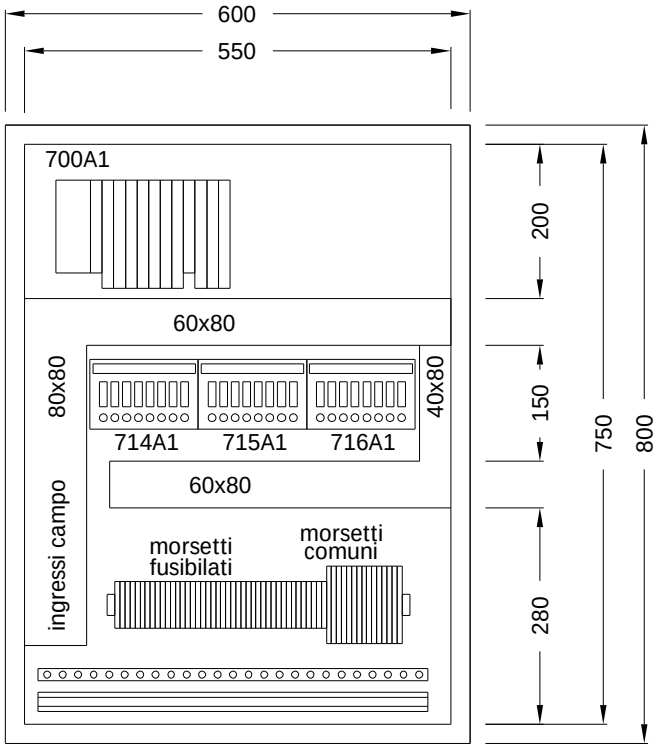
NOVASTILMEC A94

= LAYOUT
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Job Nr.

Dwg.Nr. A94

+Q26
LEVELLER 1 REMOTE BOARD



Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: Q26 LEVELLER 1 BOARD INTERNAL/EXTERNAL VIEW

NOVASTILMEC A94

= LAYOUT
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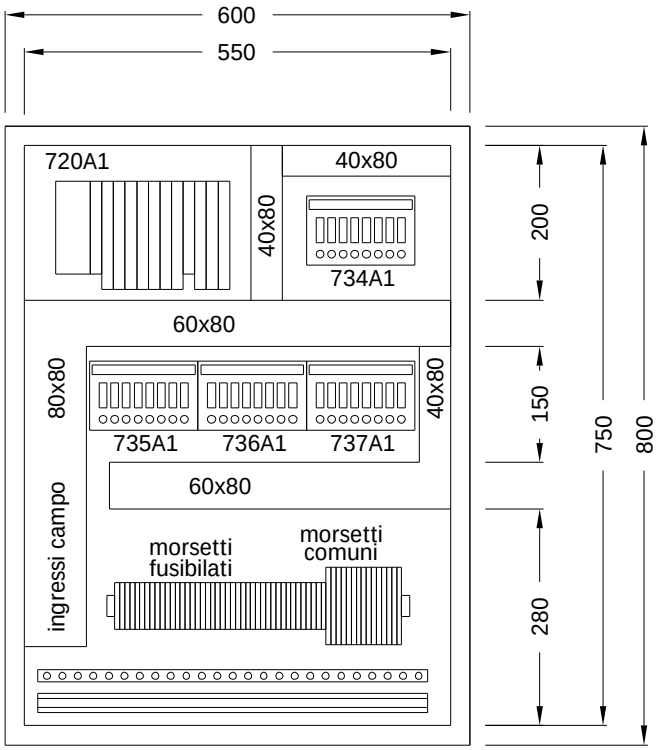
Job Nr.

Dwg.Nr. A94

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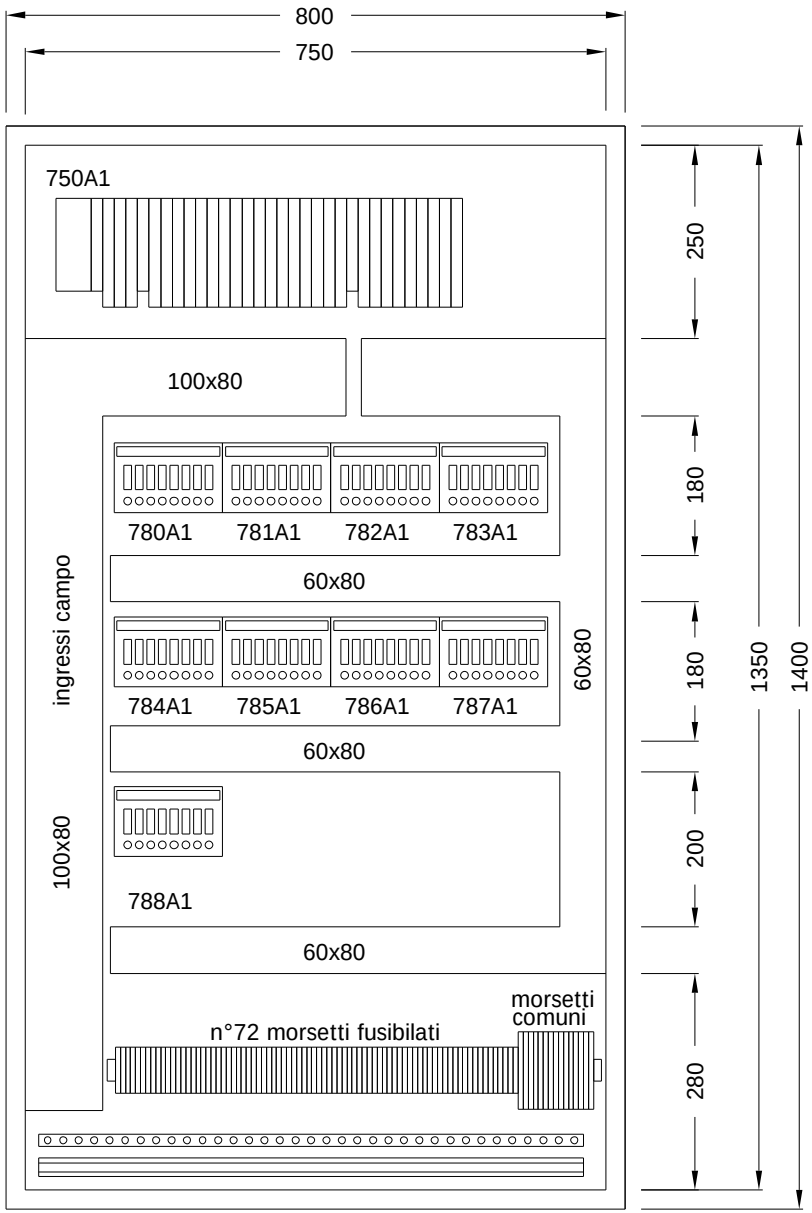
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+Q27
LEVELLER 2 REMOTE BOARD



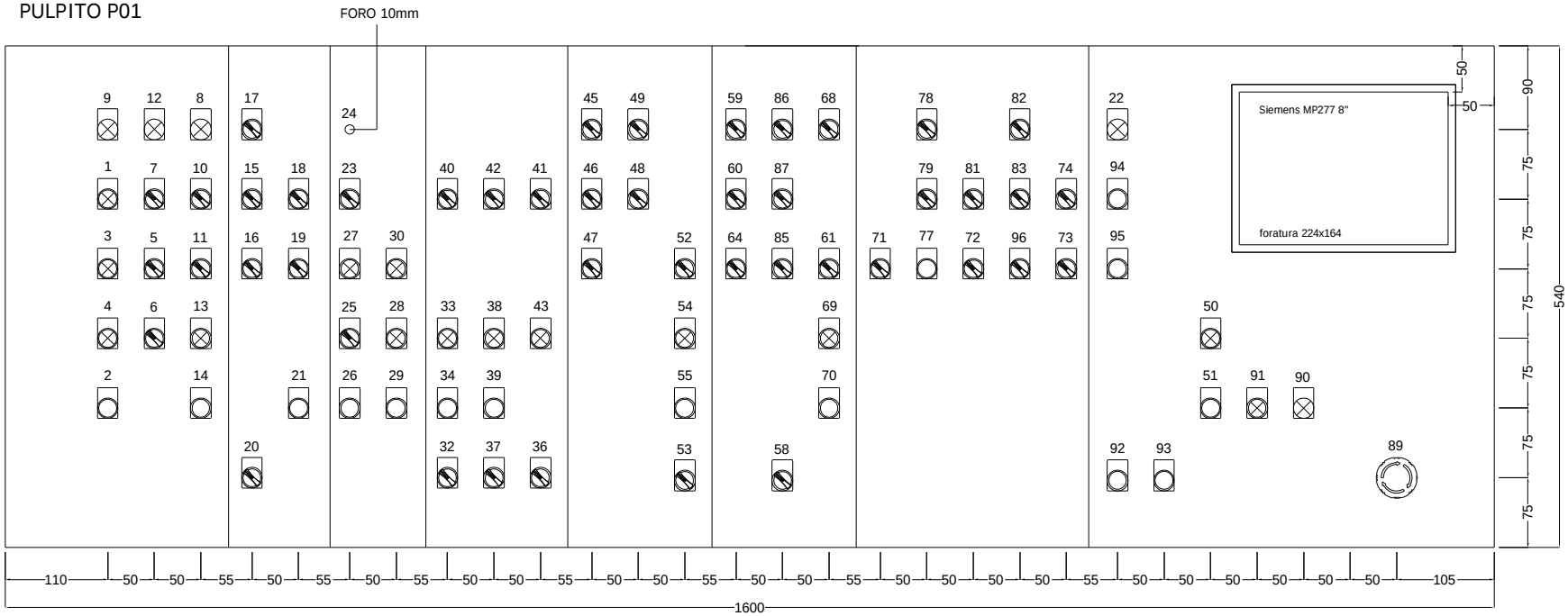
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				Check	ALE				Job Nr.	Dwg.Nr. A94
Rev.	Descript.	Date	Name	Original				Descript.		Page 72 / Follow 73

+Q28
STACKER REMOTE BOARD



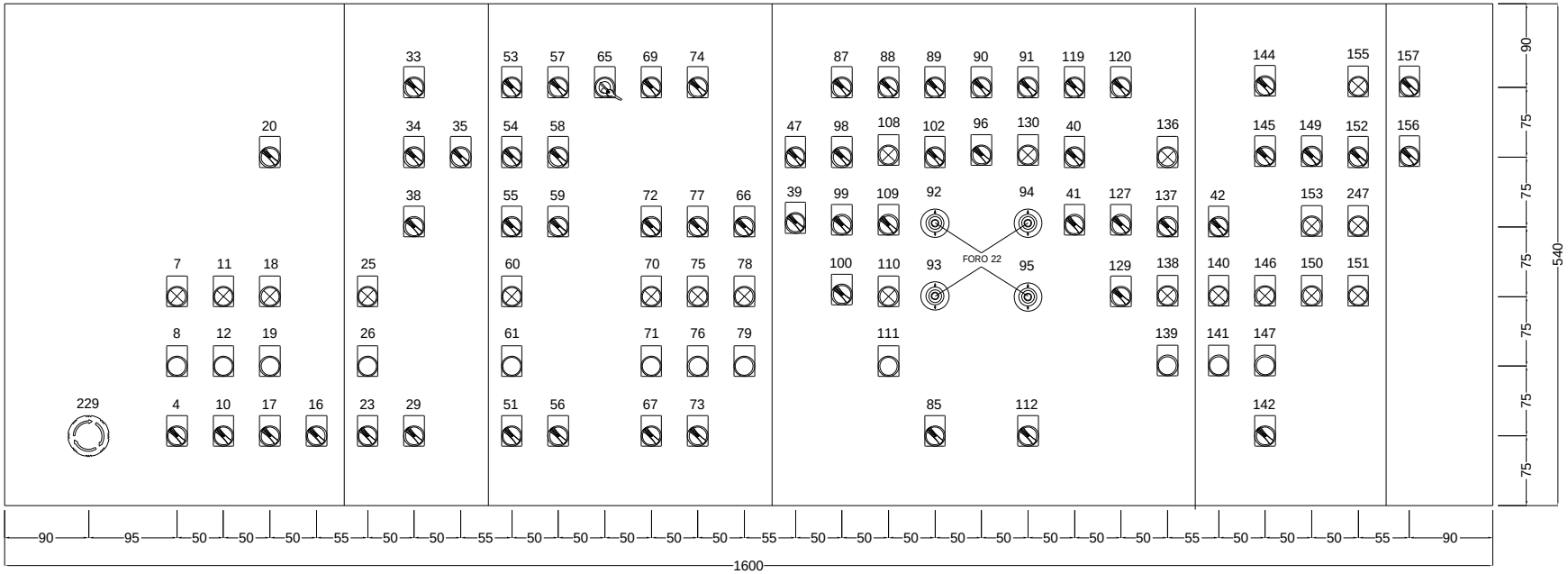
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				Drawn	TPM					+
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Rev.	Descript.	Date	Name	Original				Descript.			Follow 80

PULPITO P01



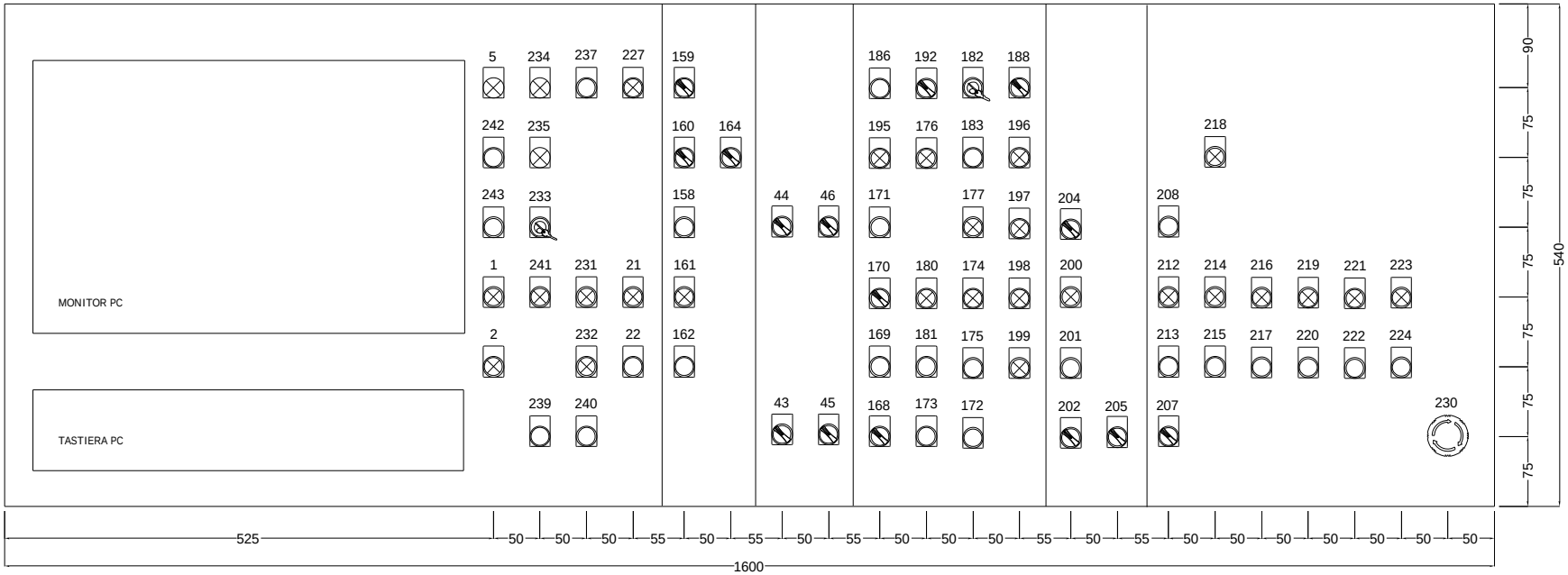
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				Check	ALE				Job Nr.	Dwg.Nr. A94	Page 80
Rev.	Descript.	Date	Name	Original				Descript.			Follow 81

PULPITO P02 LATO INGRESSO LINEA



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	ENTRY DESK -P02-	NOVASTILMEC A94	= LAYOUT
				Drawn	TPM					+
				Check	ALE				Job Nr.	Dwg.Nr. A94	Page 81
Rev.	Descript.	Date	Name	Original				Descript.			Follow 82

PULPITO P02 LATO USCITA LINEA



Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: ENTRY DESK -P02-

NOVASTILMEC A94

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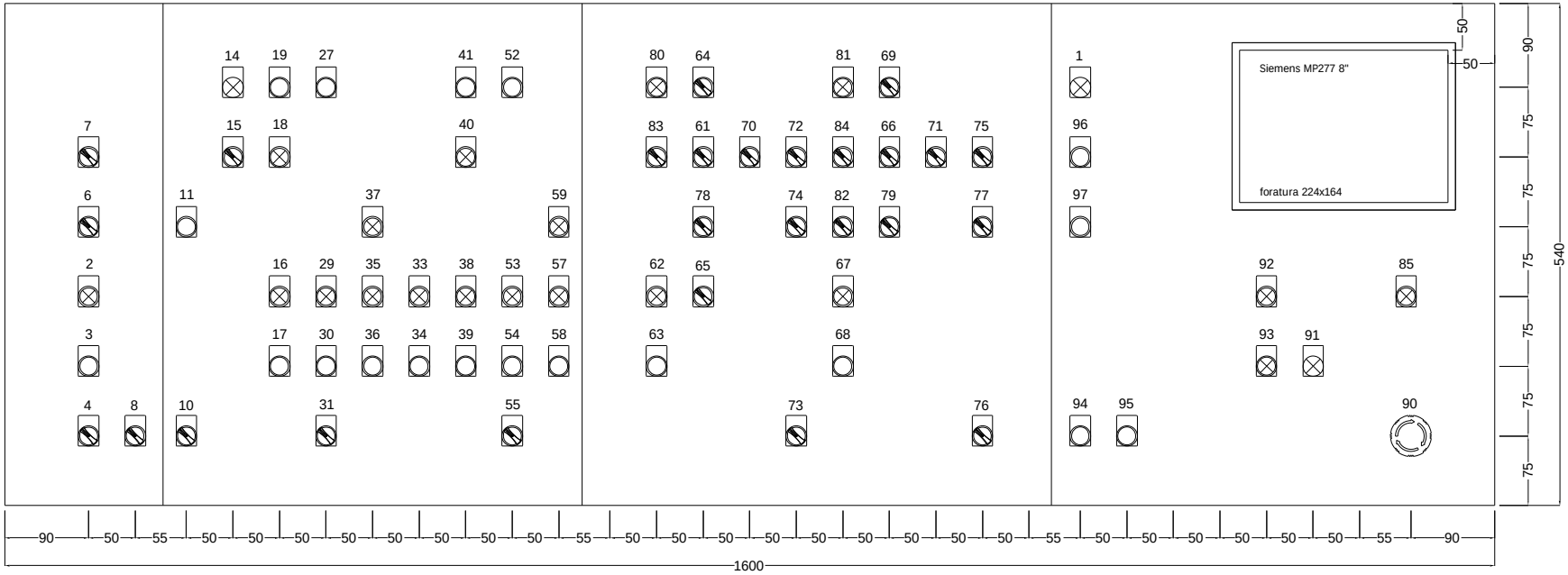
Job Nr.

Dwg.Nr. A94

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PULPITO P03



Rev.	Descript.	Date	Name		
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				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: ENTRY DESK -P03-

NOVASTILMEC A94

Job Nr.

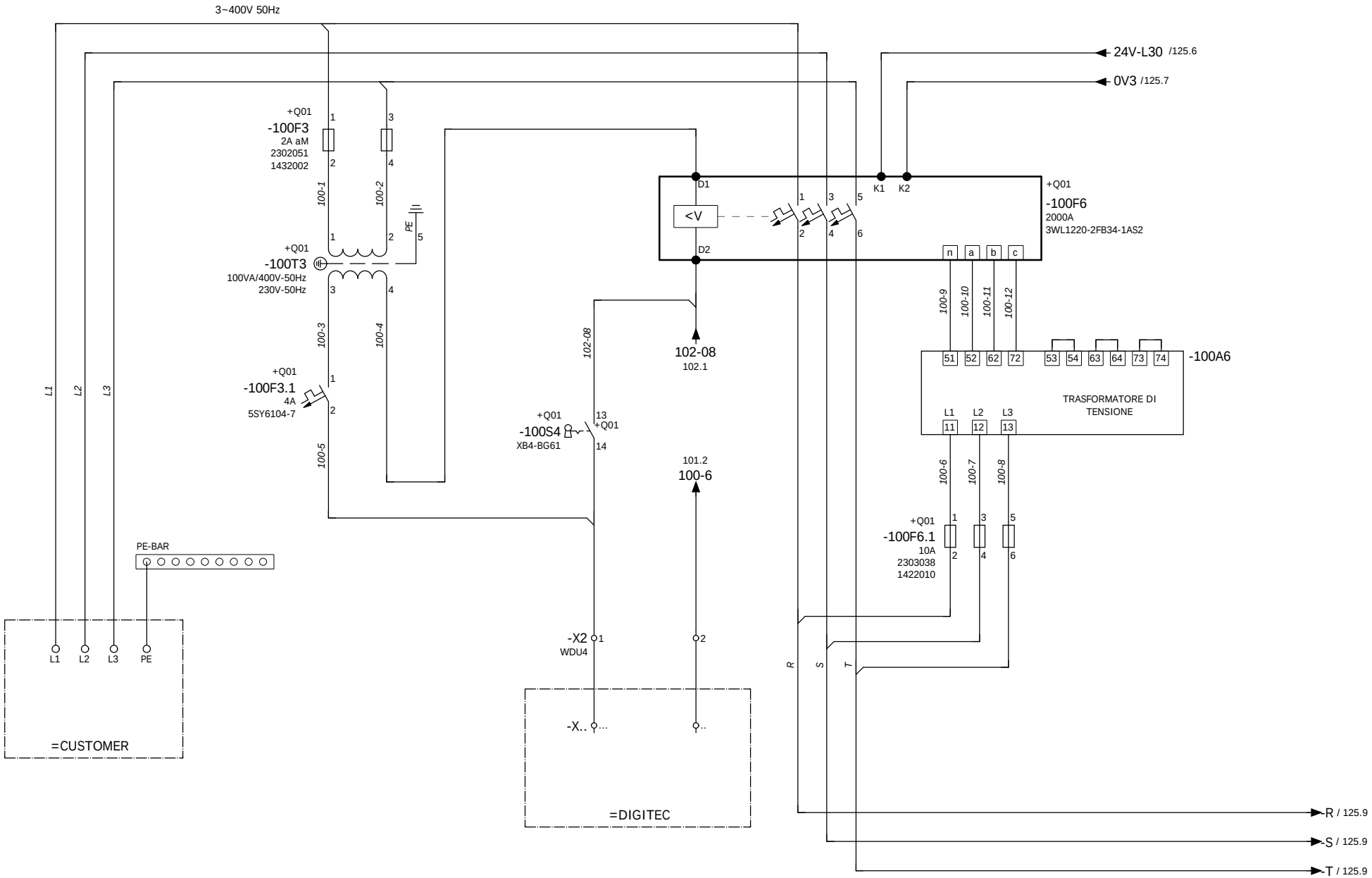
Dwg.Nr. A94

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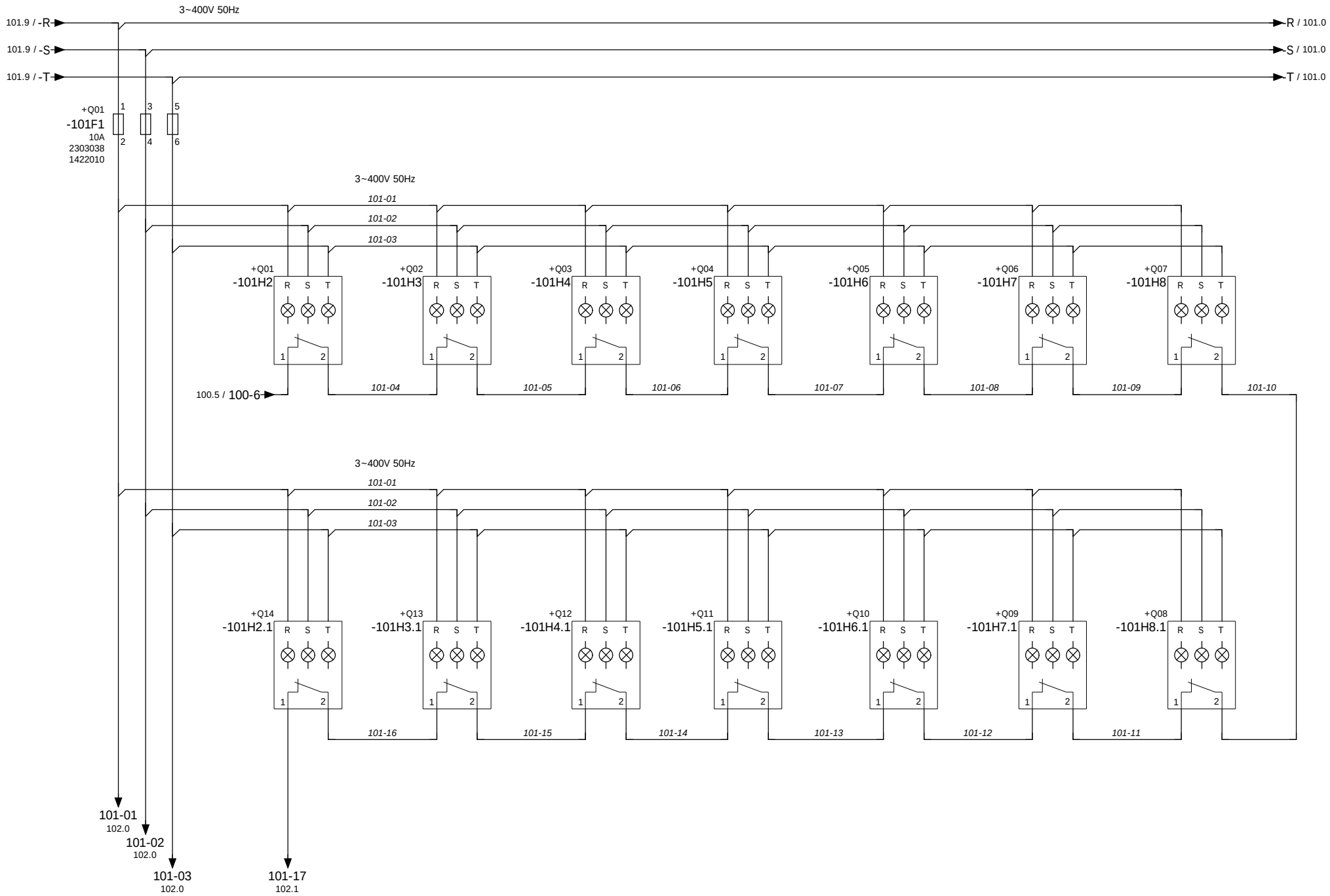
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	INCOMING LINE 3~400V 50Hz	NOVASTILMEC A94	= A94
				Drawn	TPM					+ IL
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

INCOMING LINE 3~400V 50Hz

Descript.

NOVASTILMEC A94

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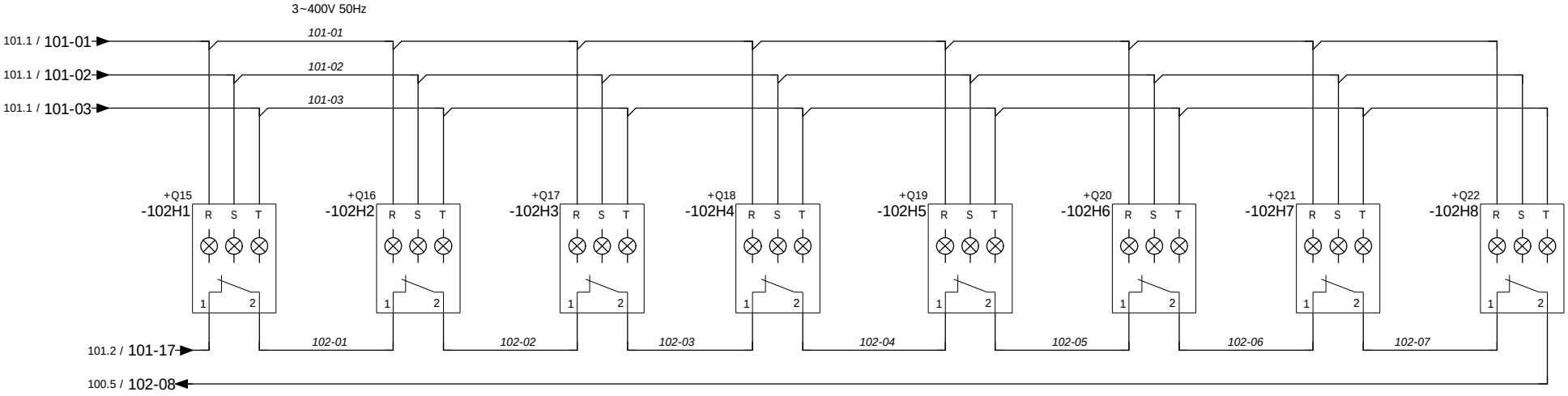
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Job Nr.

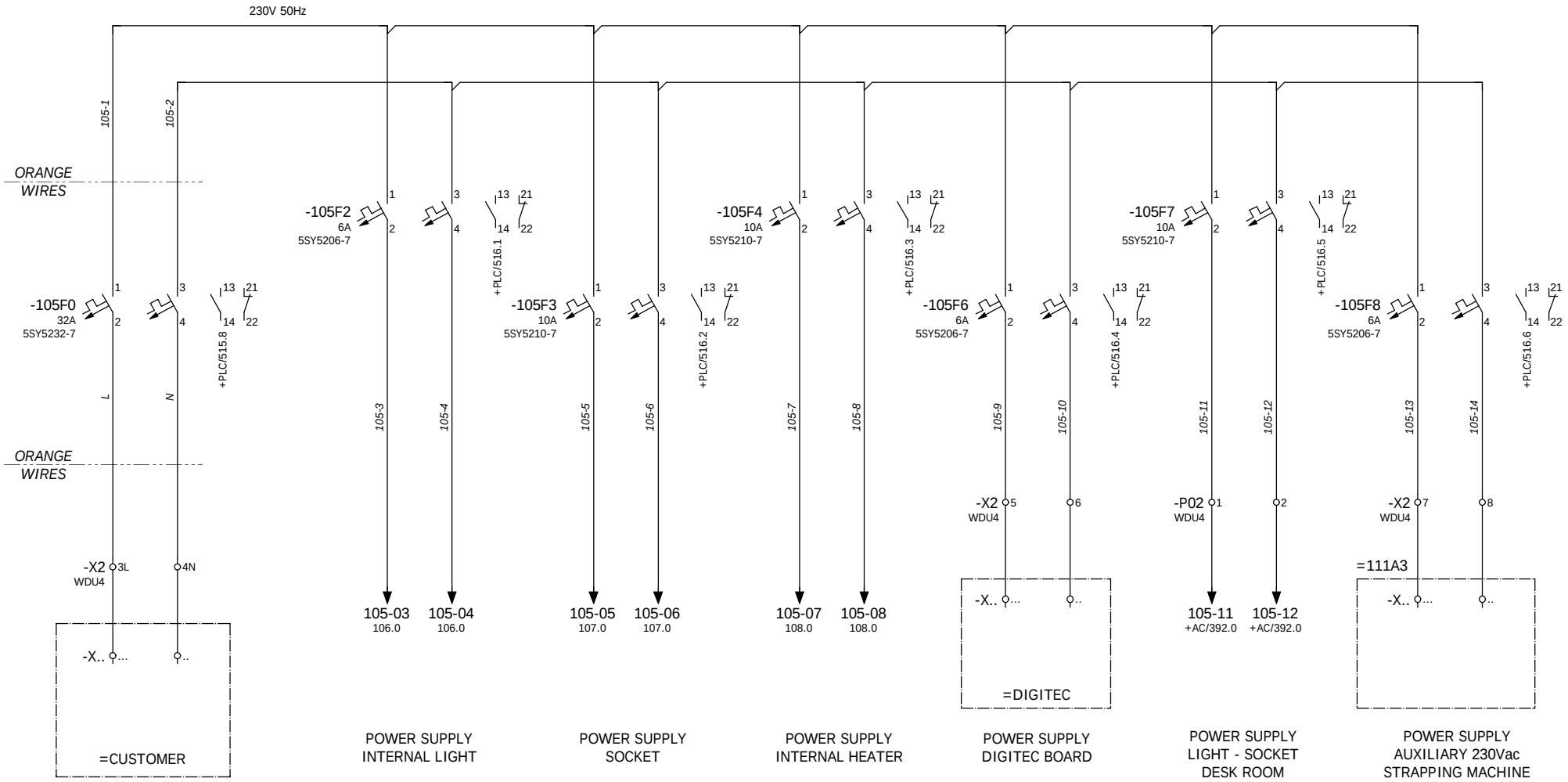
Dwg.Nr. A94

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	INCOMING LINE 3~400V 50Hz	NOVASTILMEC A94	= A94
				Drawn	TPM					+ IL
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Check	ALE
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY INCOMING LINE 2~230V 50Hz

Descript.

NOVASTILMEC A94

= A94

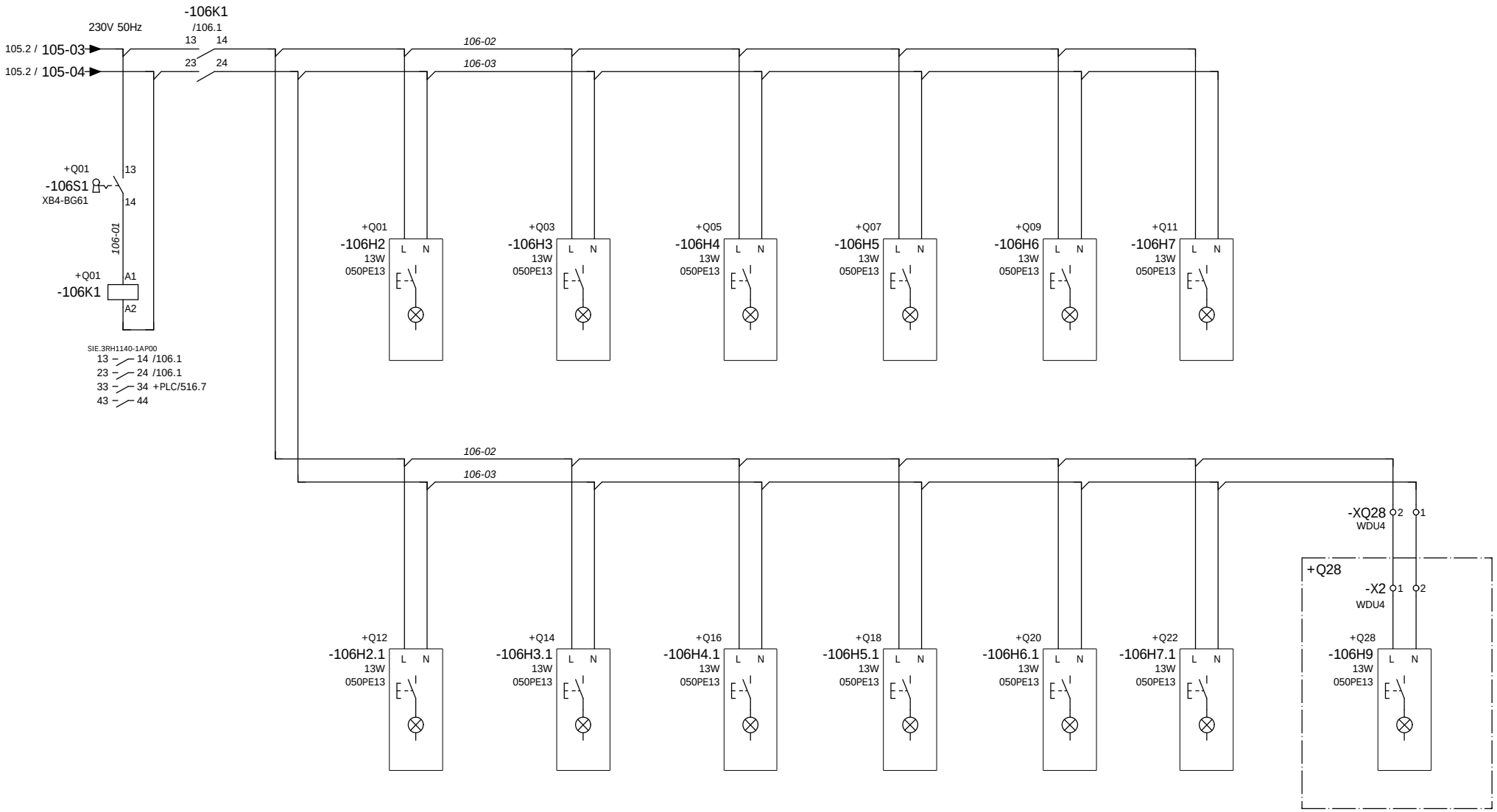
+ IL

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

INTERNAL LIGHT

Descript.

NOVASTILMEC A94

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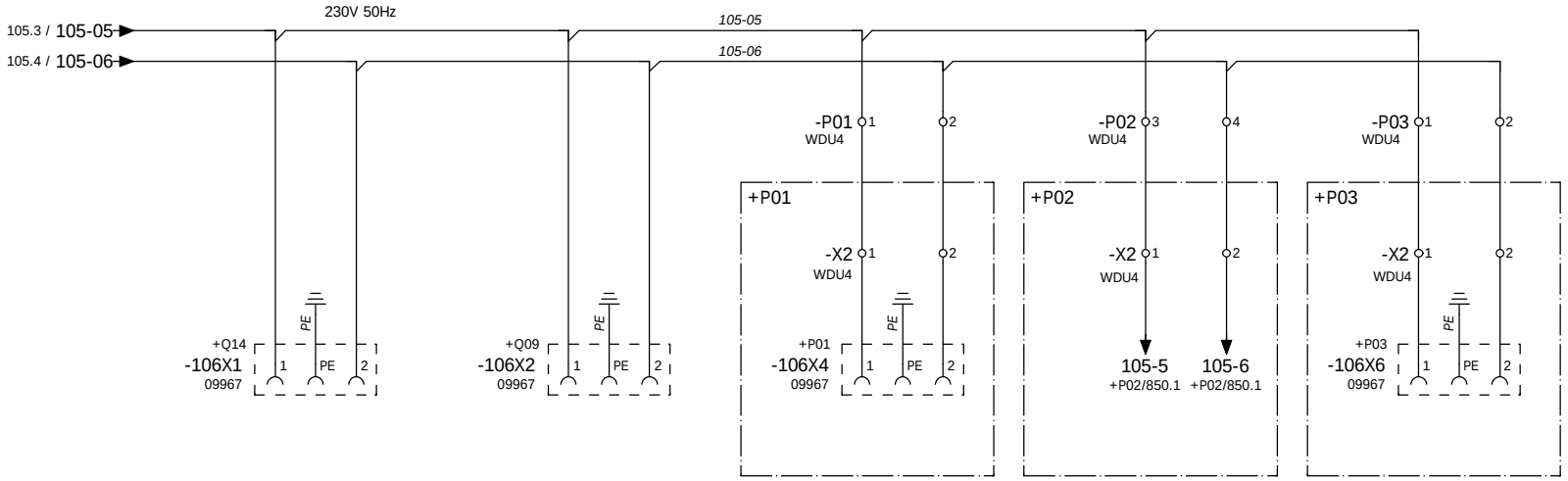
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Job Nr.

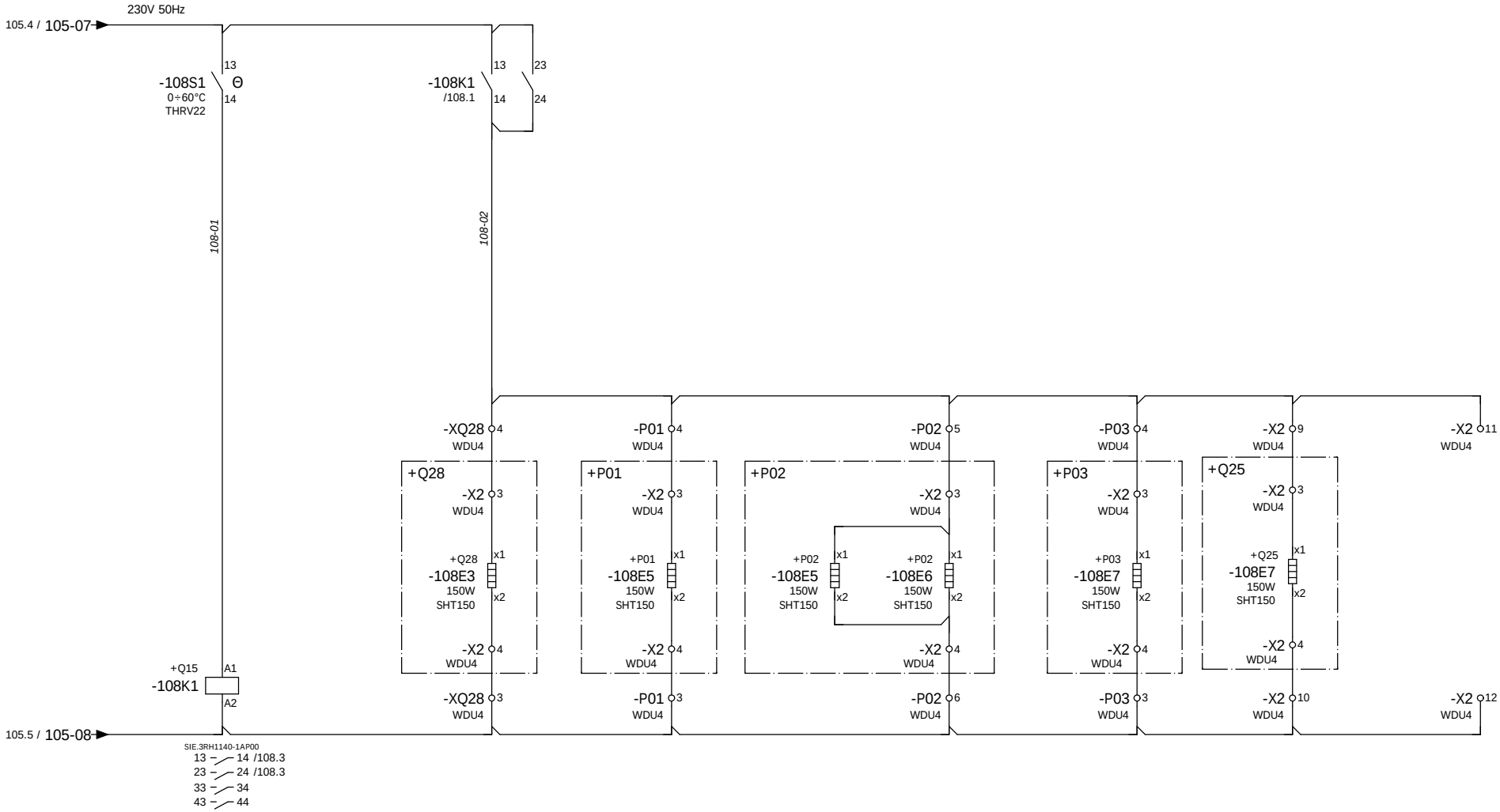
Dwg.Nr. A94

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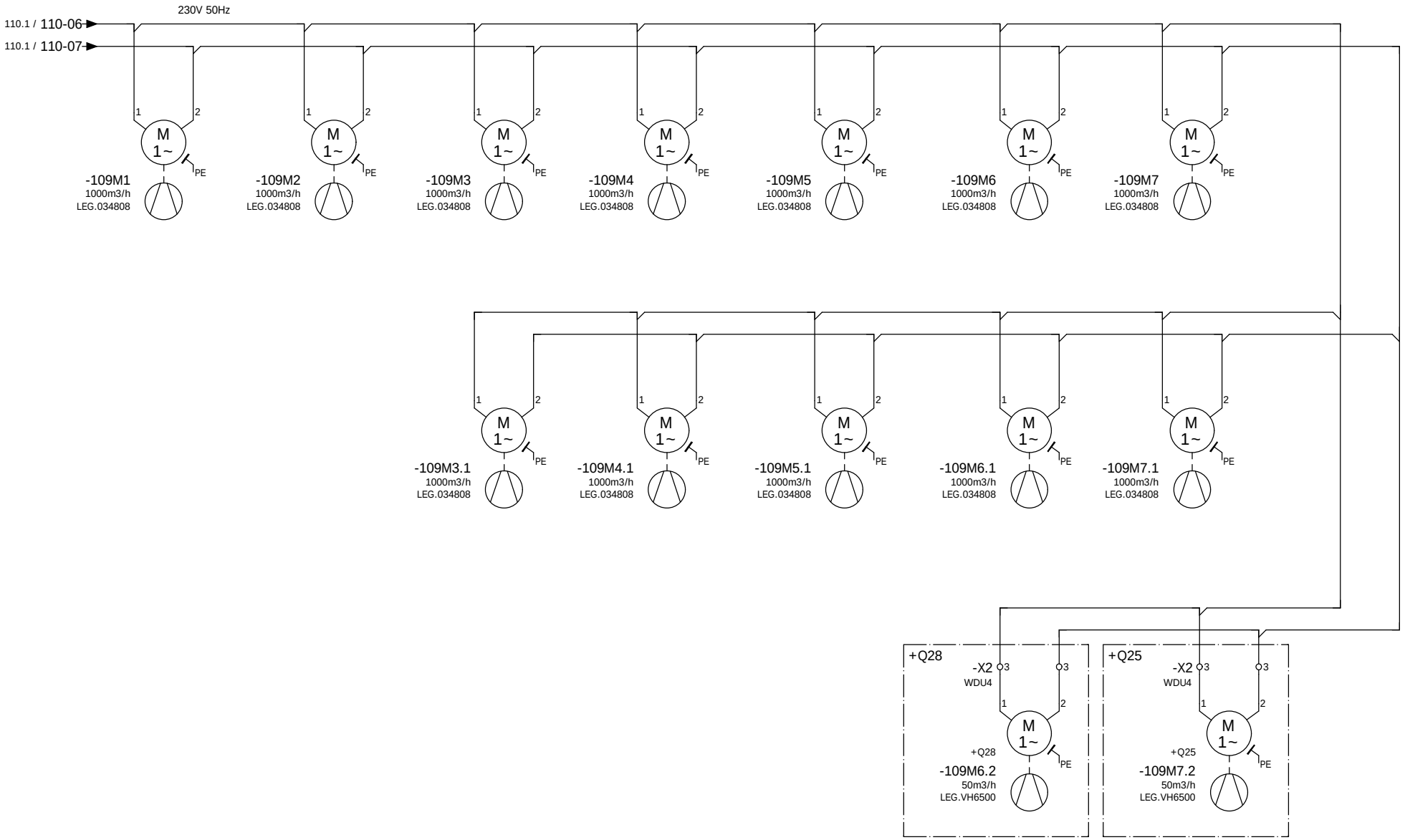
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				Check	ALE				Job Nr.	Dwg.Nr. A94	Page 107
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	INTERNAL HEATERS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ IL
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY
INTERNAL FAN 230V 50Hz

Descript.

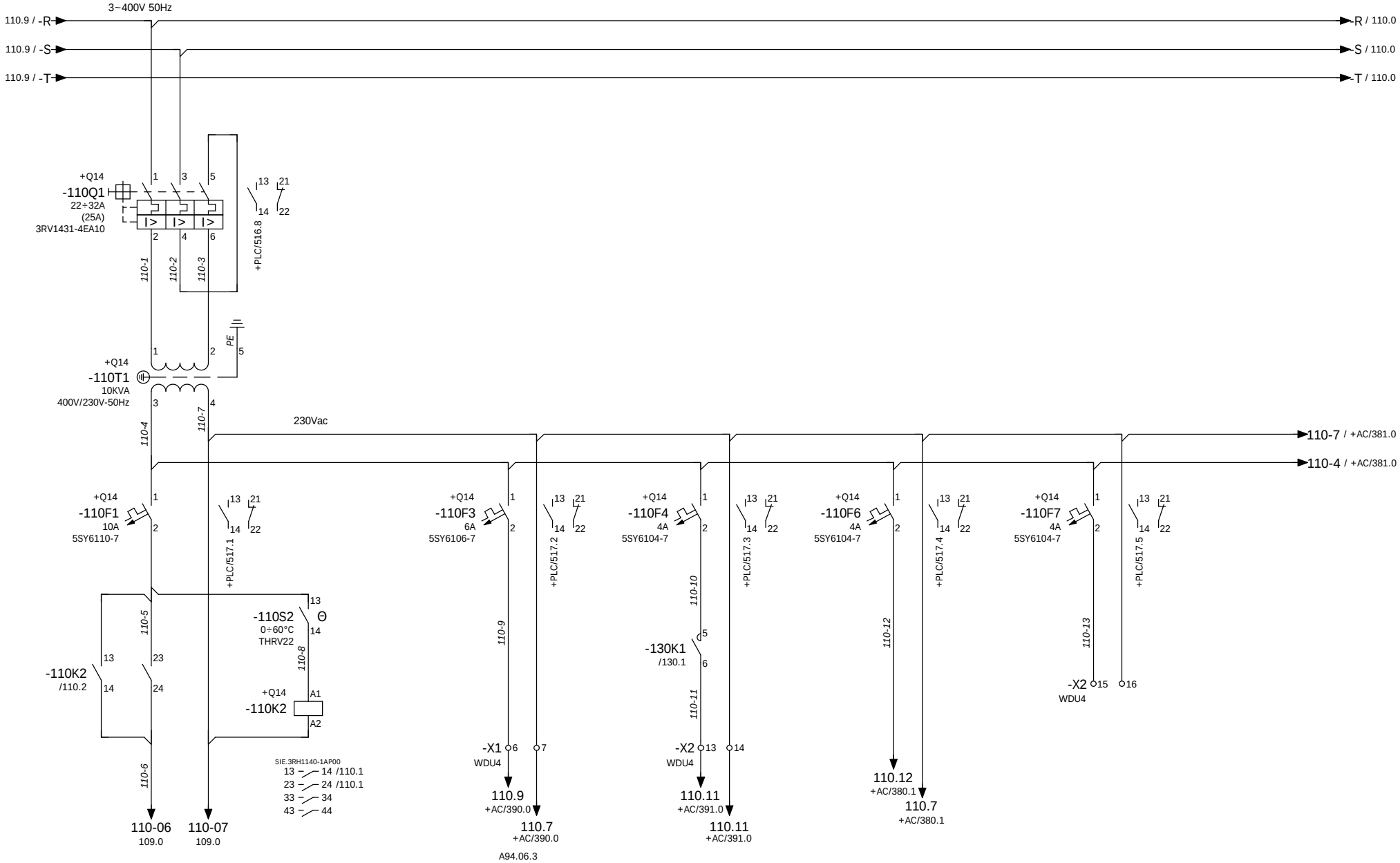
NOVASTILMEC A94

Job Nr.

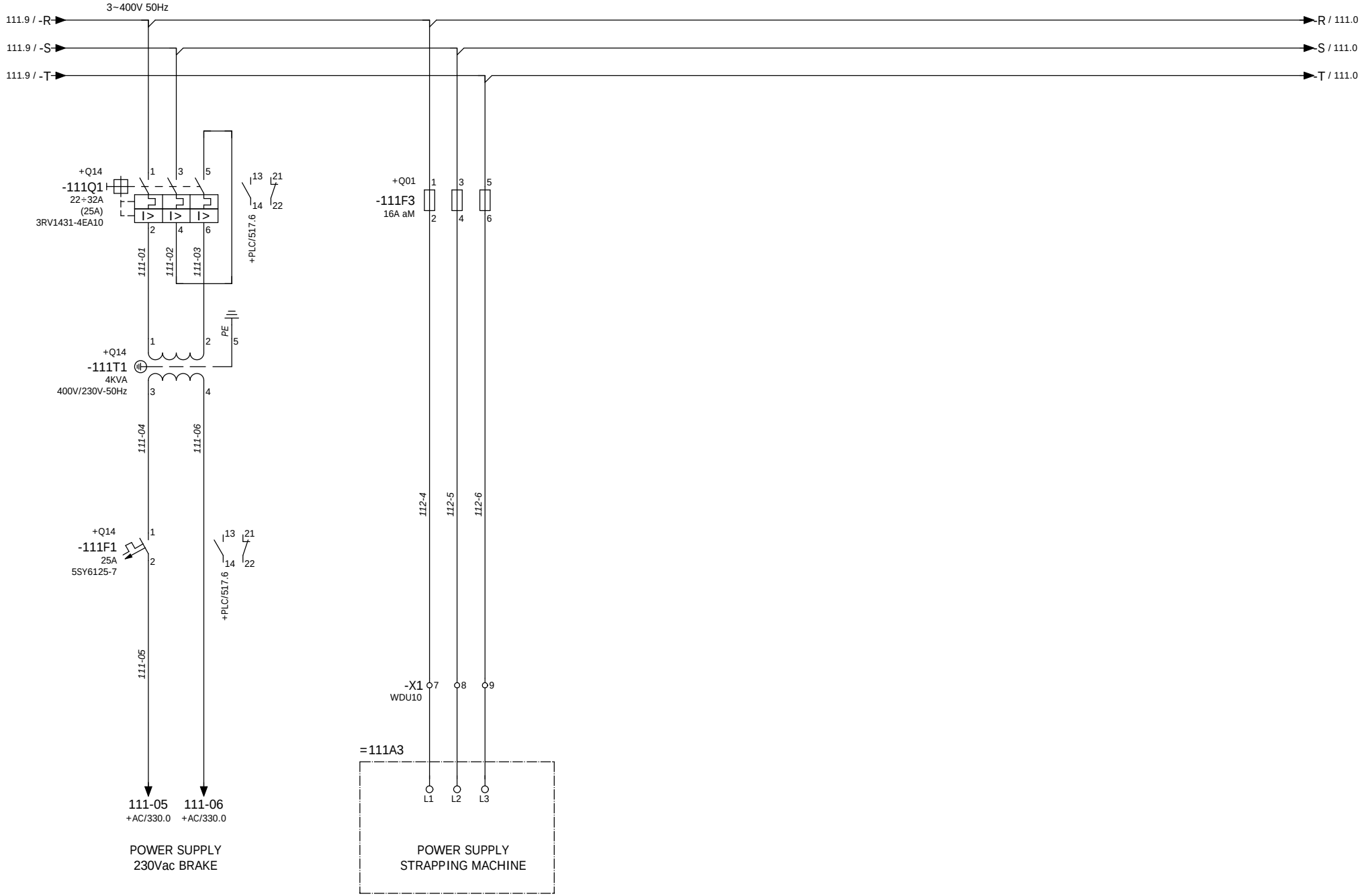
Dwg.Nr. A94

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+ IL

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	AUXILIARY CIRCUIT 230V 50Hz	NOVASTILMEC A94	= A94
				Drawn	TPM					+ IL
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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT 230V 50Hz

Descript.

NOVASTILMEC A94

Job Nr.

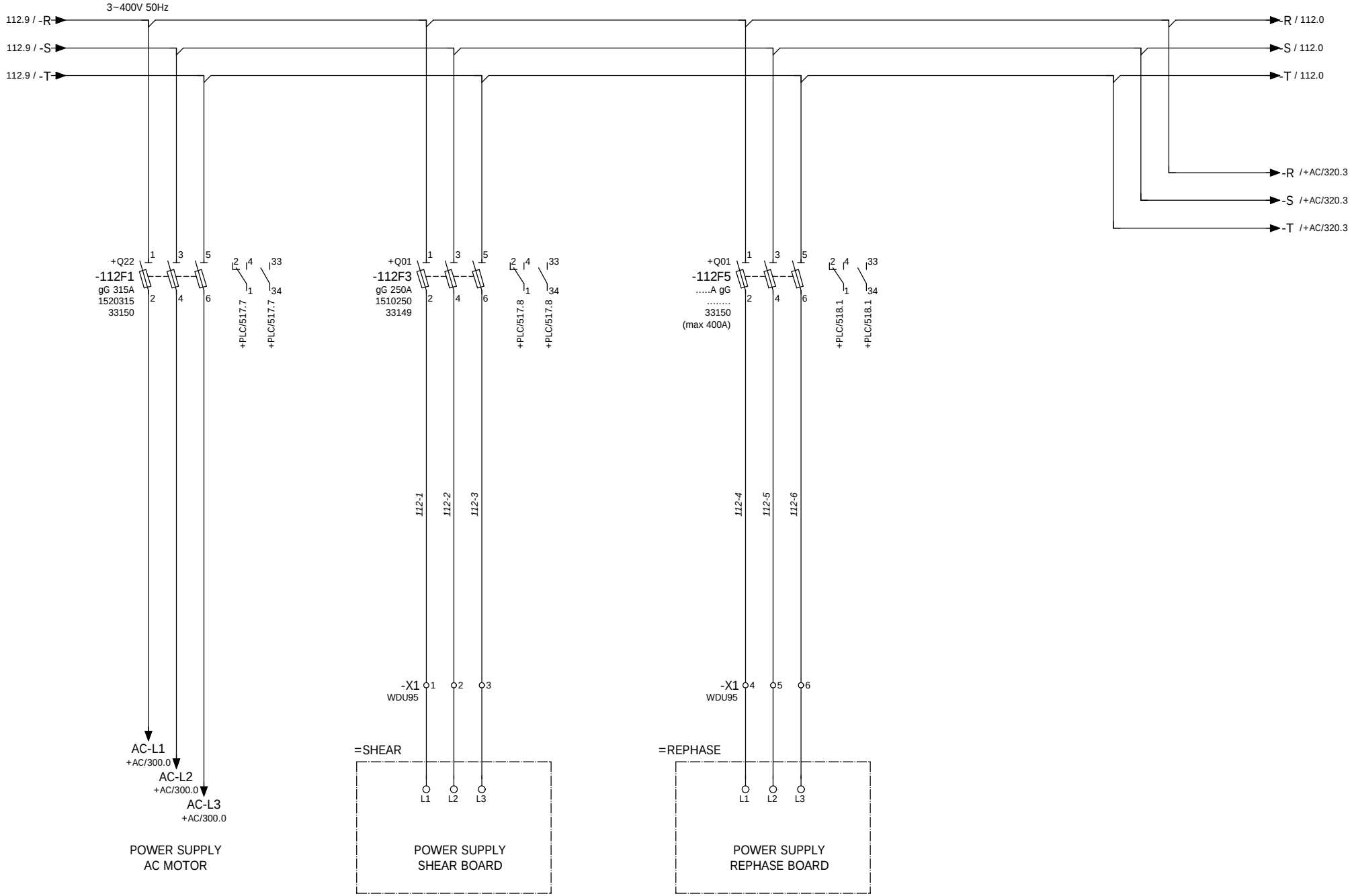
Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY 400V 50Hz

Descript.

NOVASTILMEC A94

Job Nr.

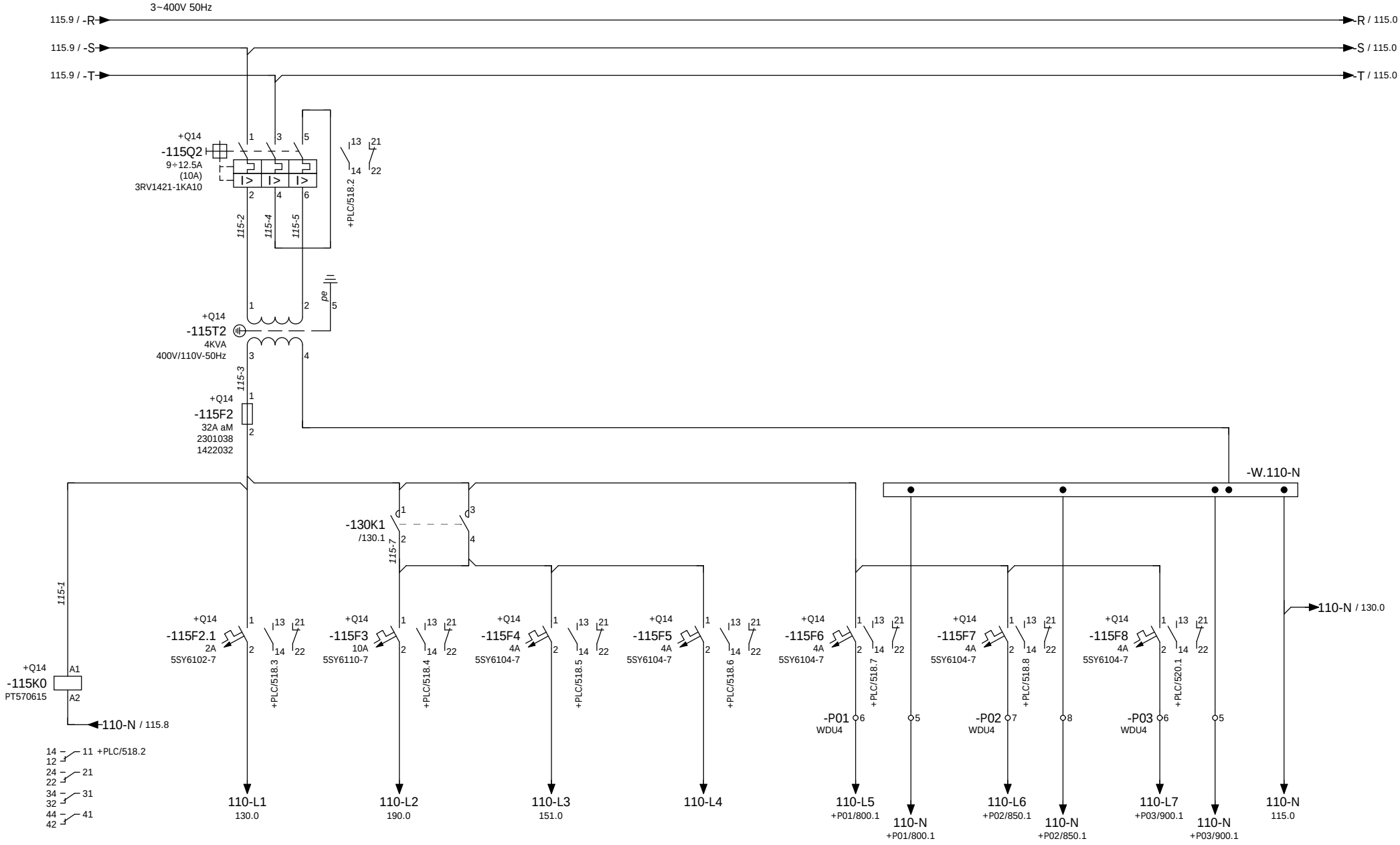
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: AUXILIARY CIRCUIT 110V 50Hz

NOVASTILMEC A94

Job Nr.

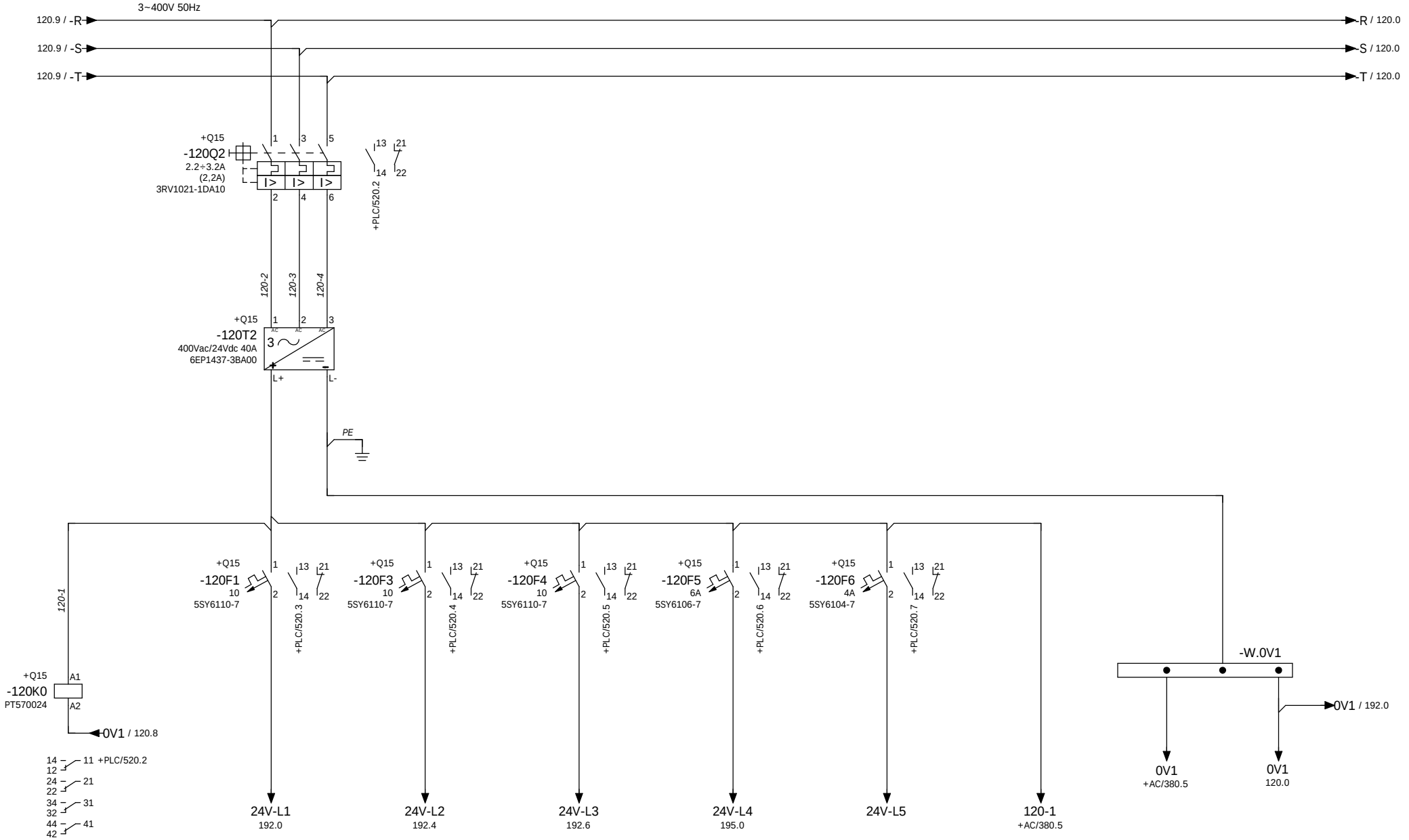
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY 24Vdc SOLENOIDE VALVES

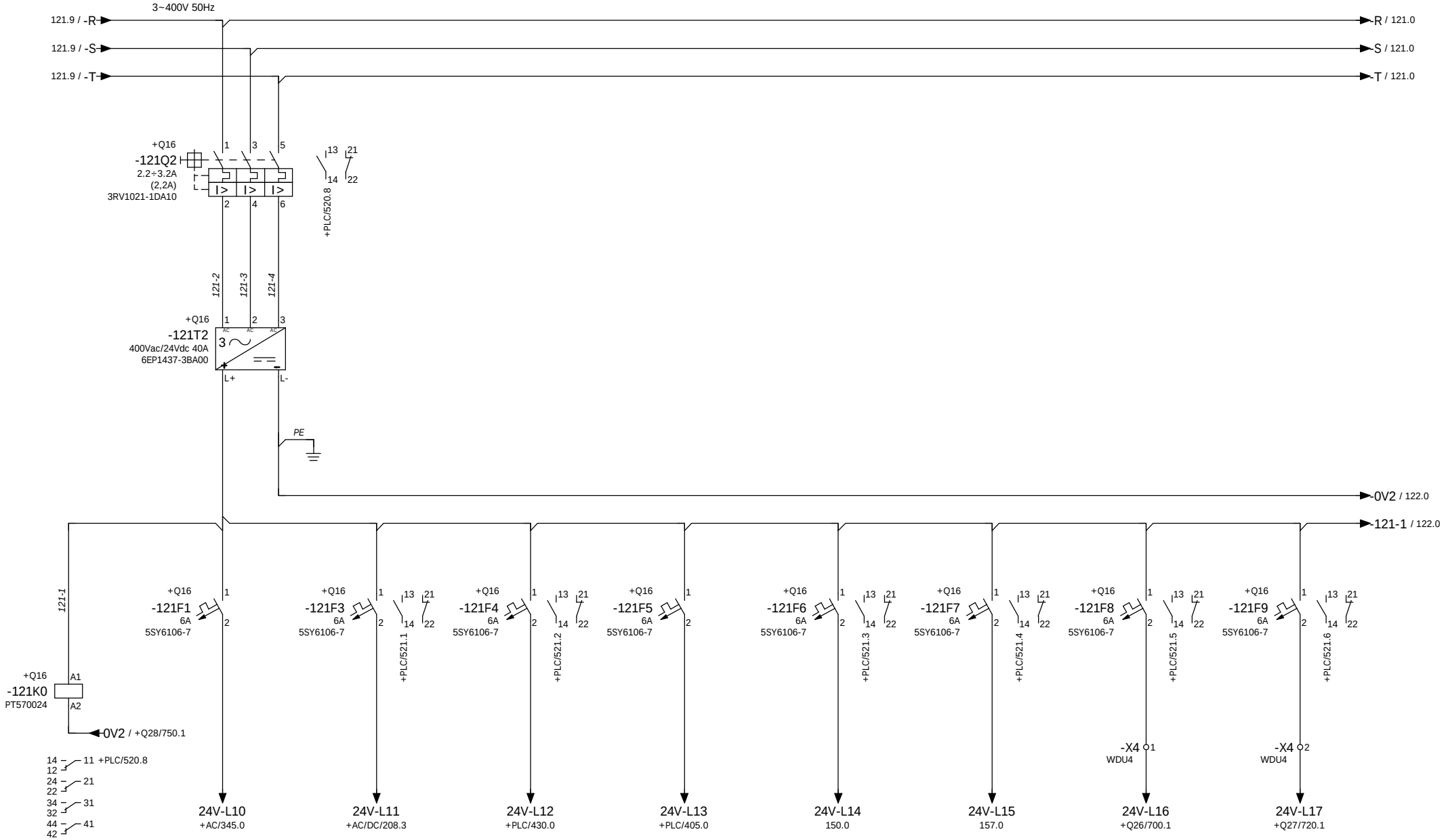
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Job Nr.

Dwg.Nr. A94

= A94
+ IL

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY 24Vdc

Descript.

NOVASTILMEC A94

= A94

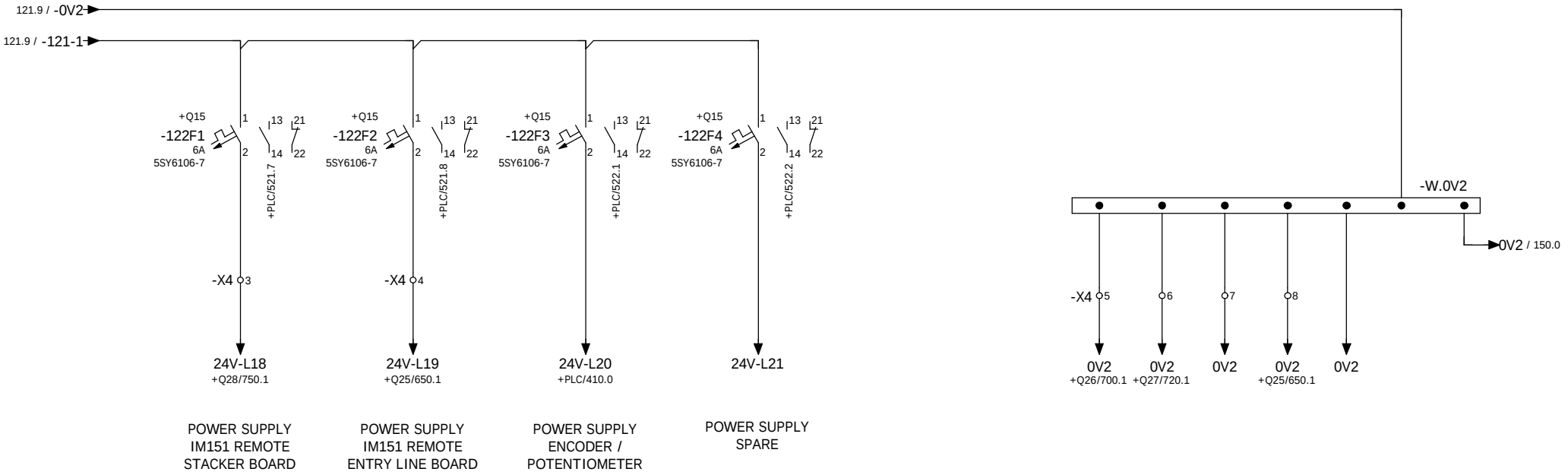
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Job Nr.

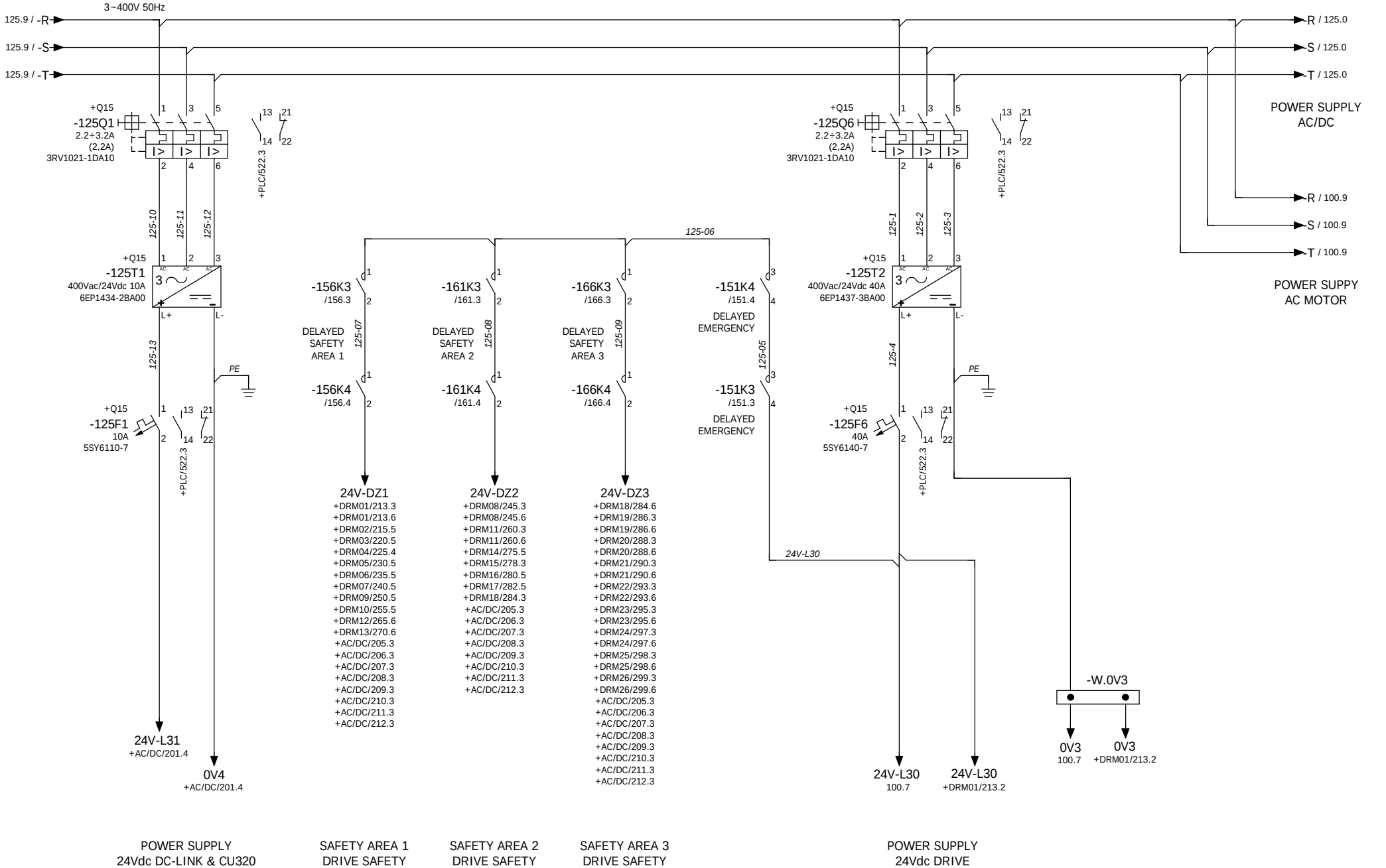
Dwg.Nr. A94

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				Drawn	TPM					+ IL
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 122
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY 24Vdc DRIVE

NOVASTILMEC A94

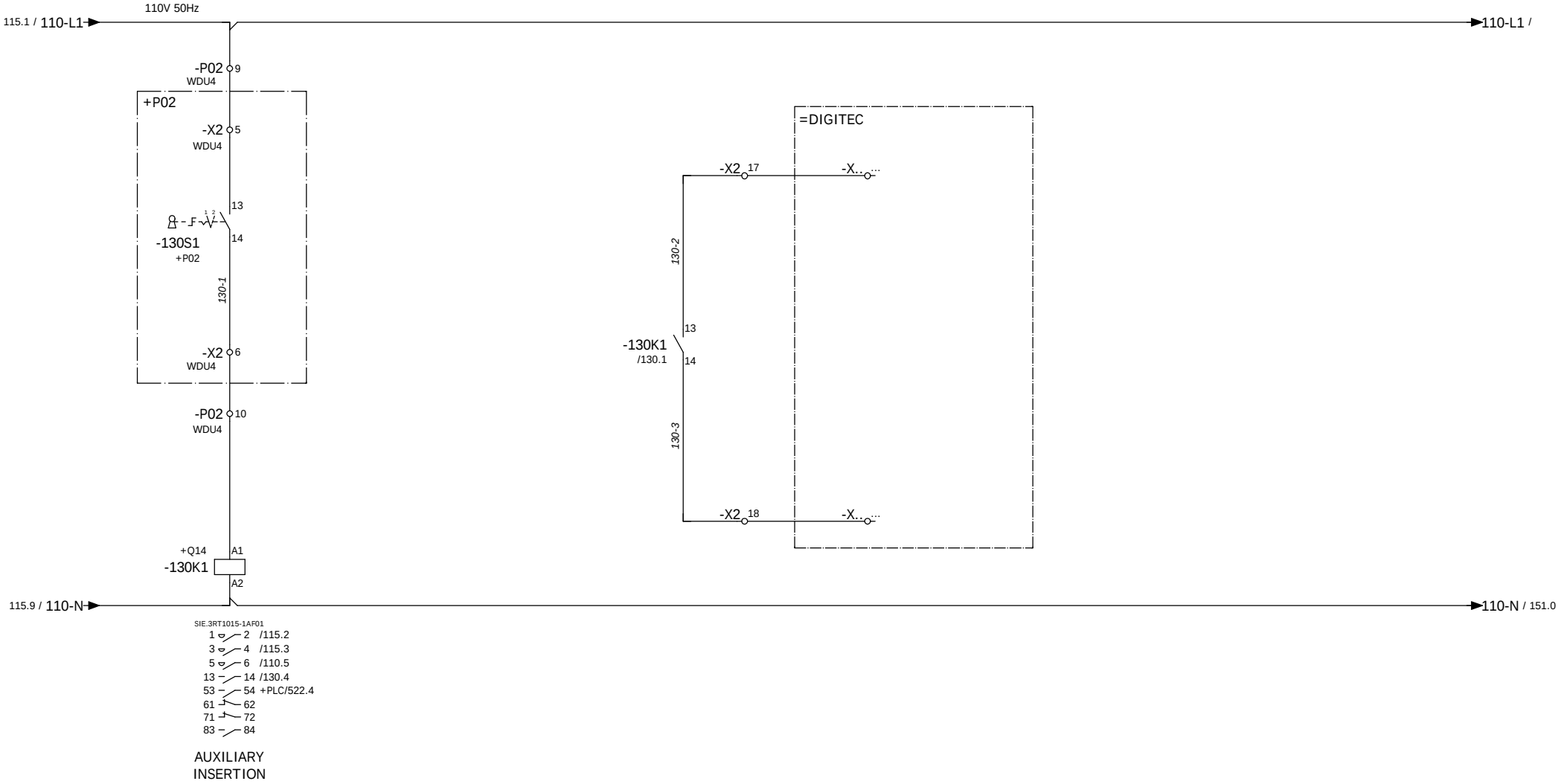
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Job Nr.

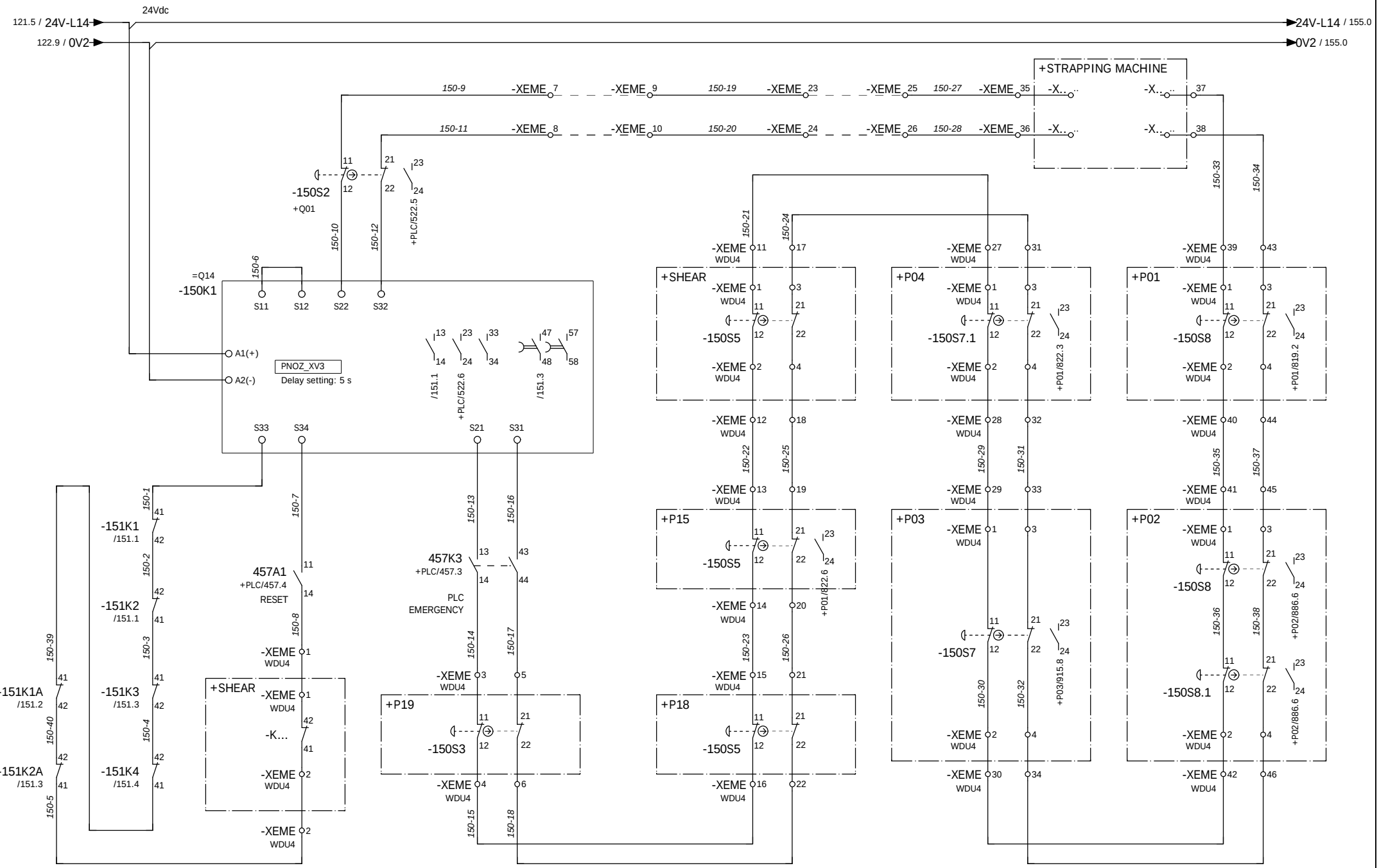
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: EMERGENCY RELAY

NOVASTILMEC A94

Job Nr.

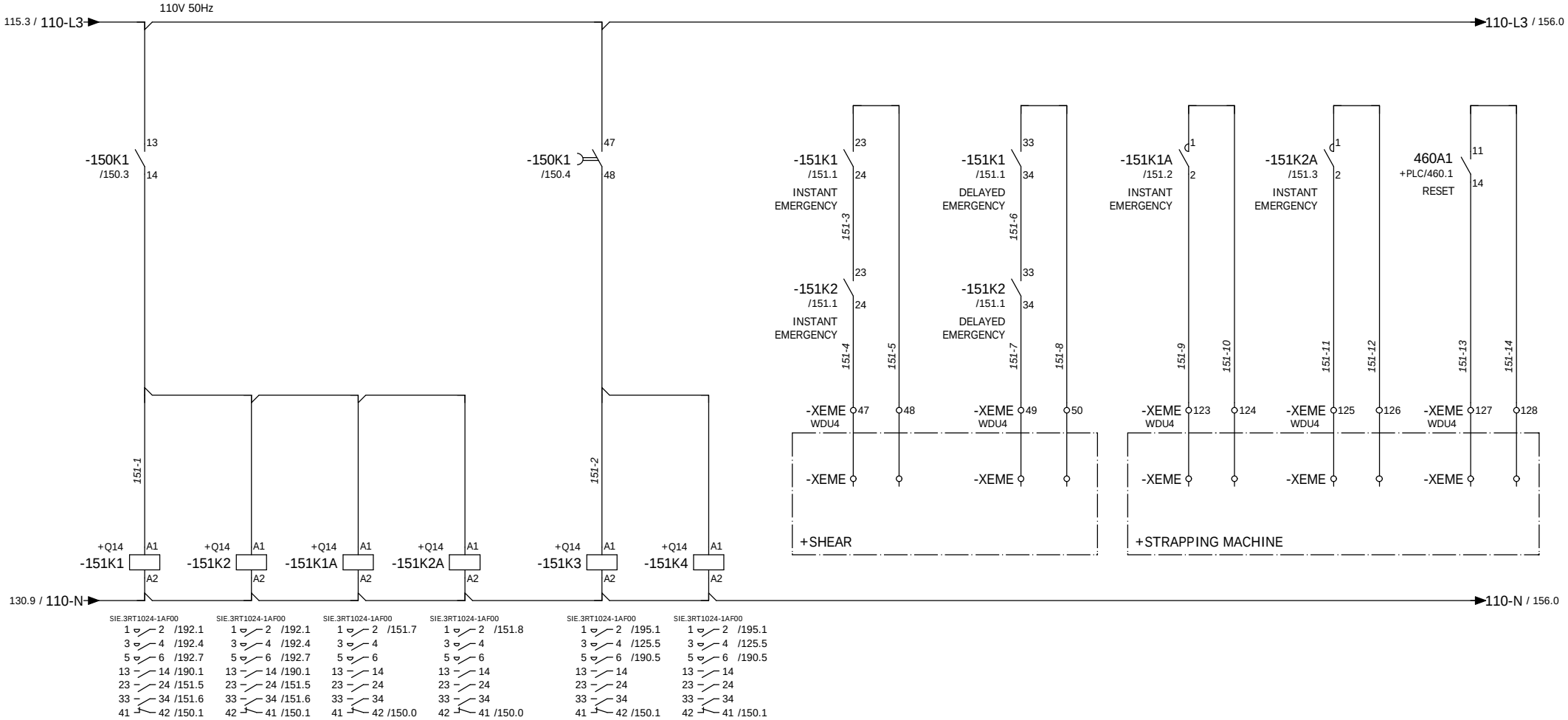
Dwg.Nr.: A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: EMERGENCY RELAY AUXILIARY CIRCUIT

NOVASTILMEC A94

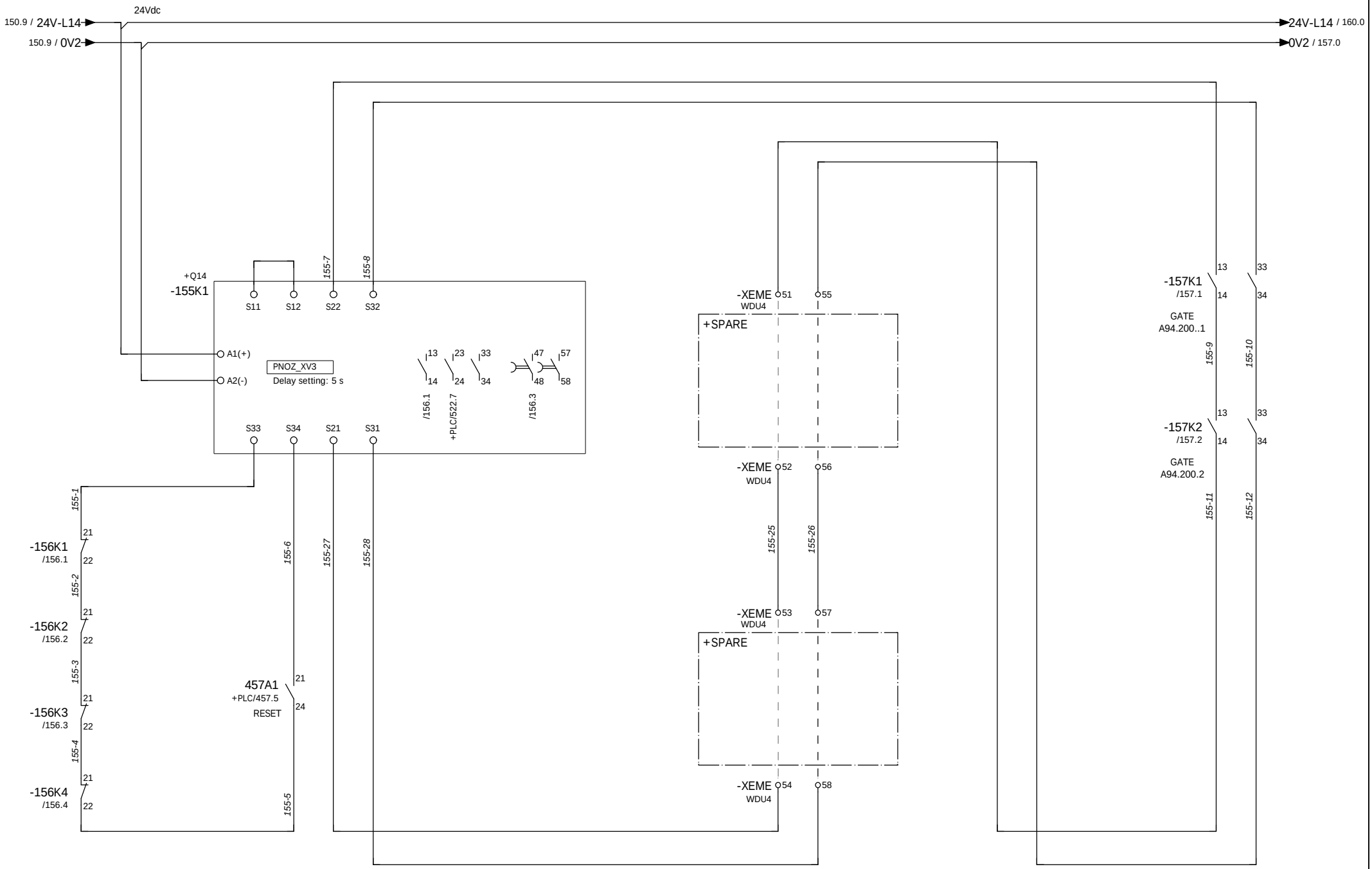
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SAFETY AREA 1

Descript.

NOVASTILMEC A94

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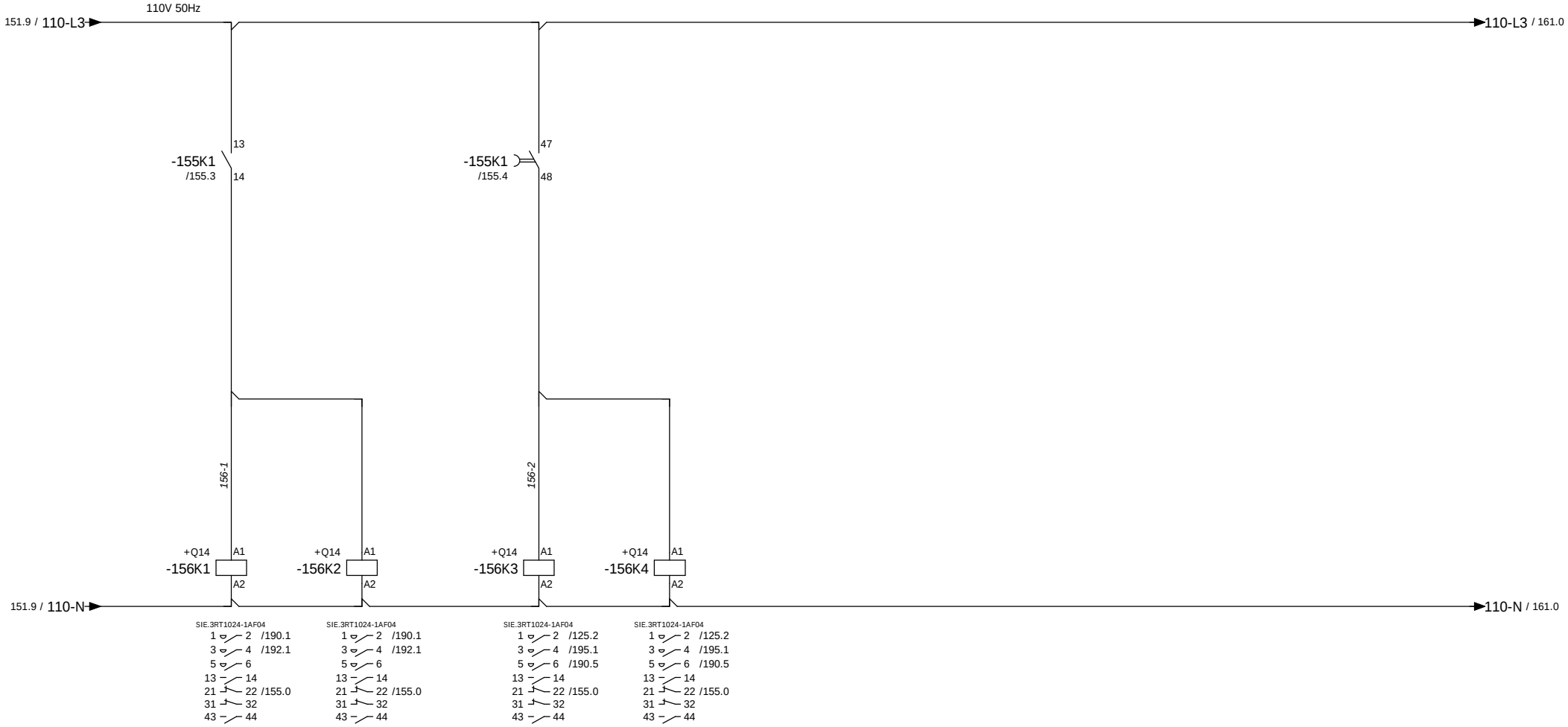
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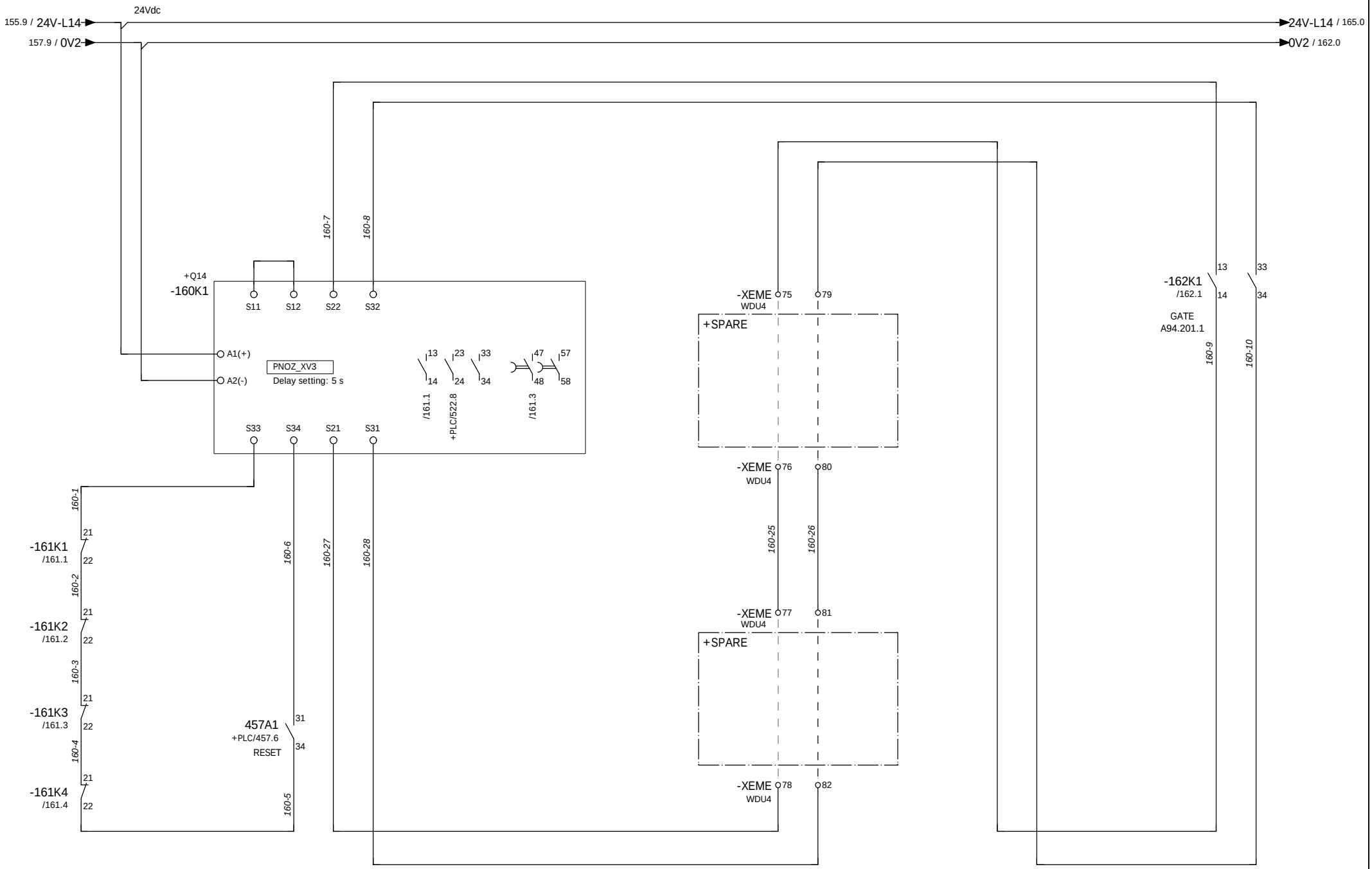
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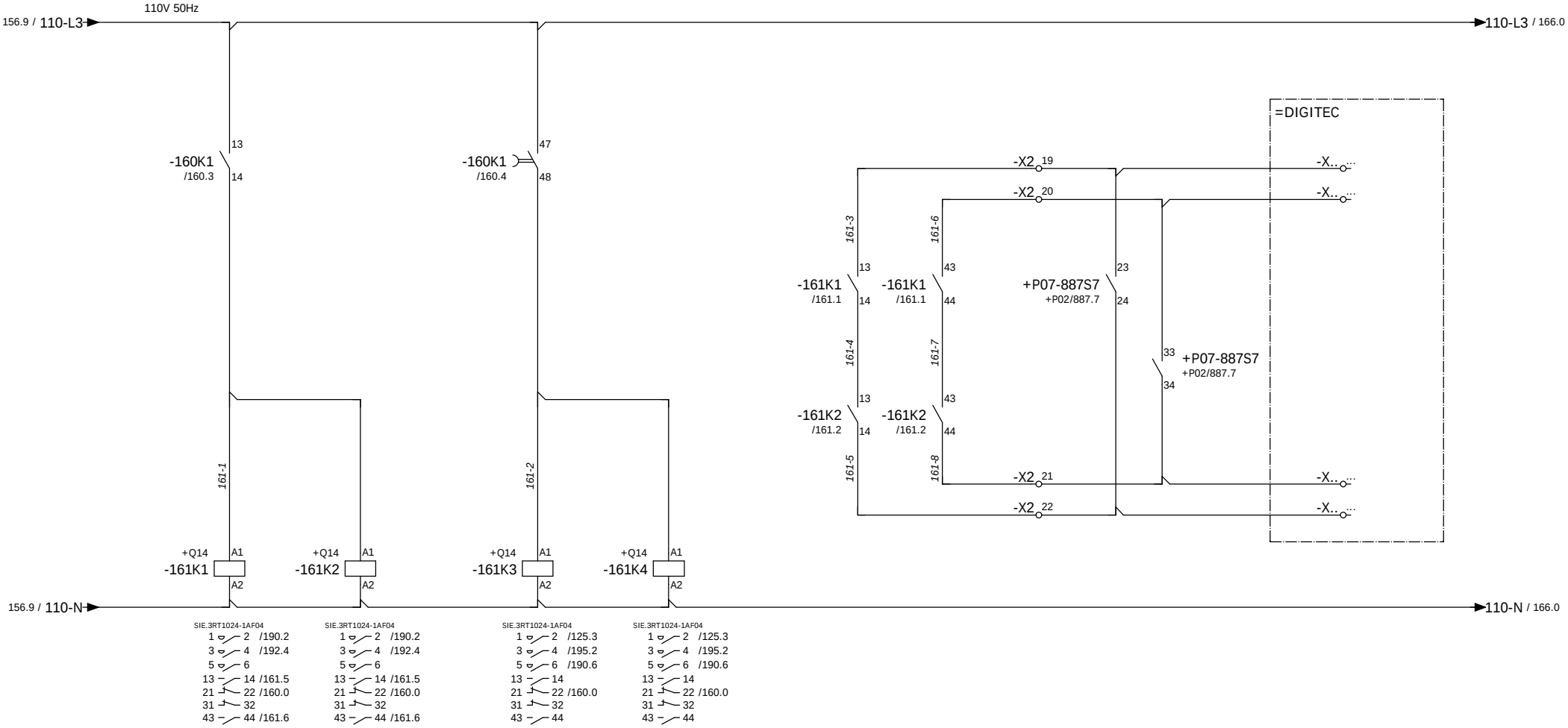
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A94.200.1

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A94.200.2

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				Drawn	TPM					+ IL
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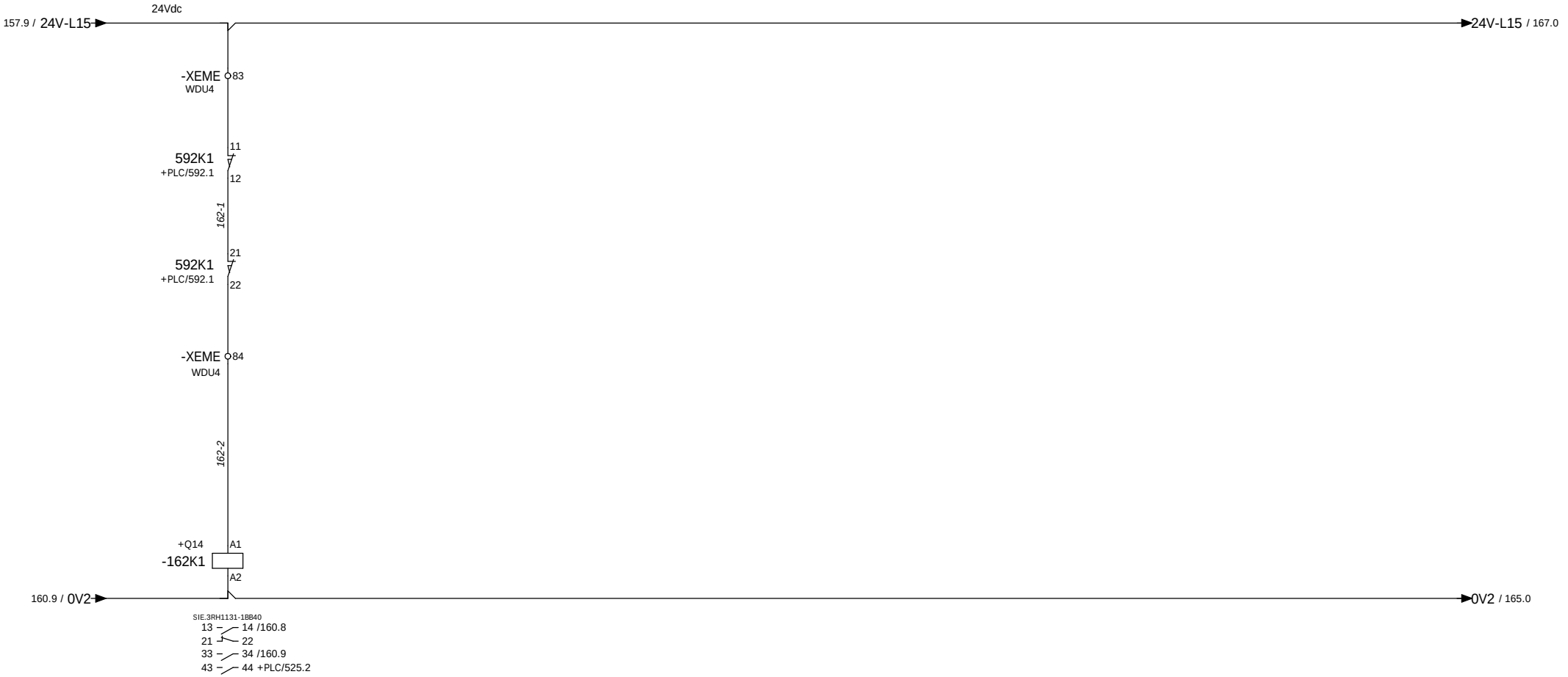
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SAFETY AREA 2

Descript.

NOVASTILMEC A94

Job Nr.

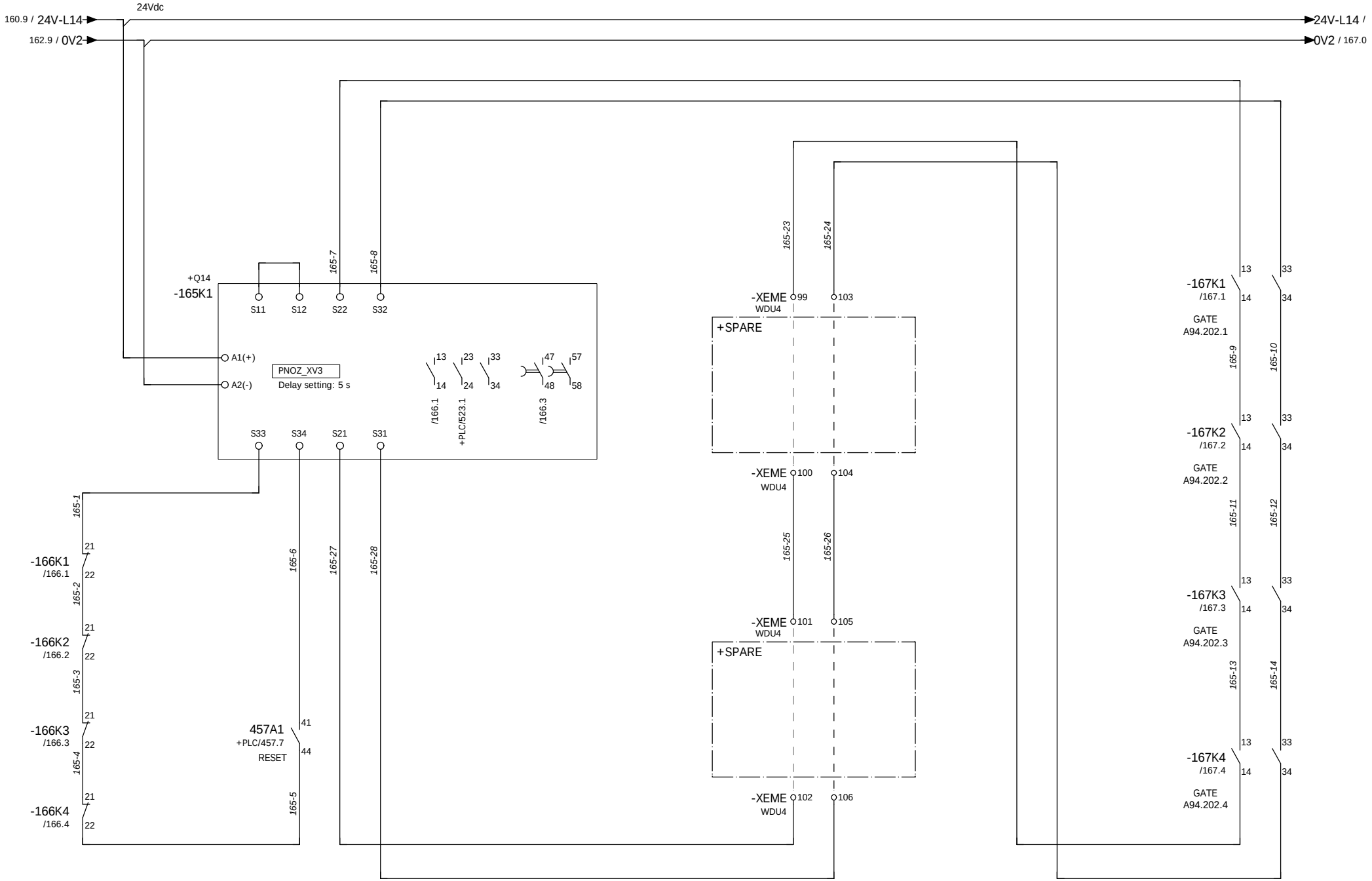
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NOVASTILMEC S.p.A. Coil Processing Equipment

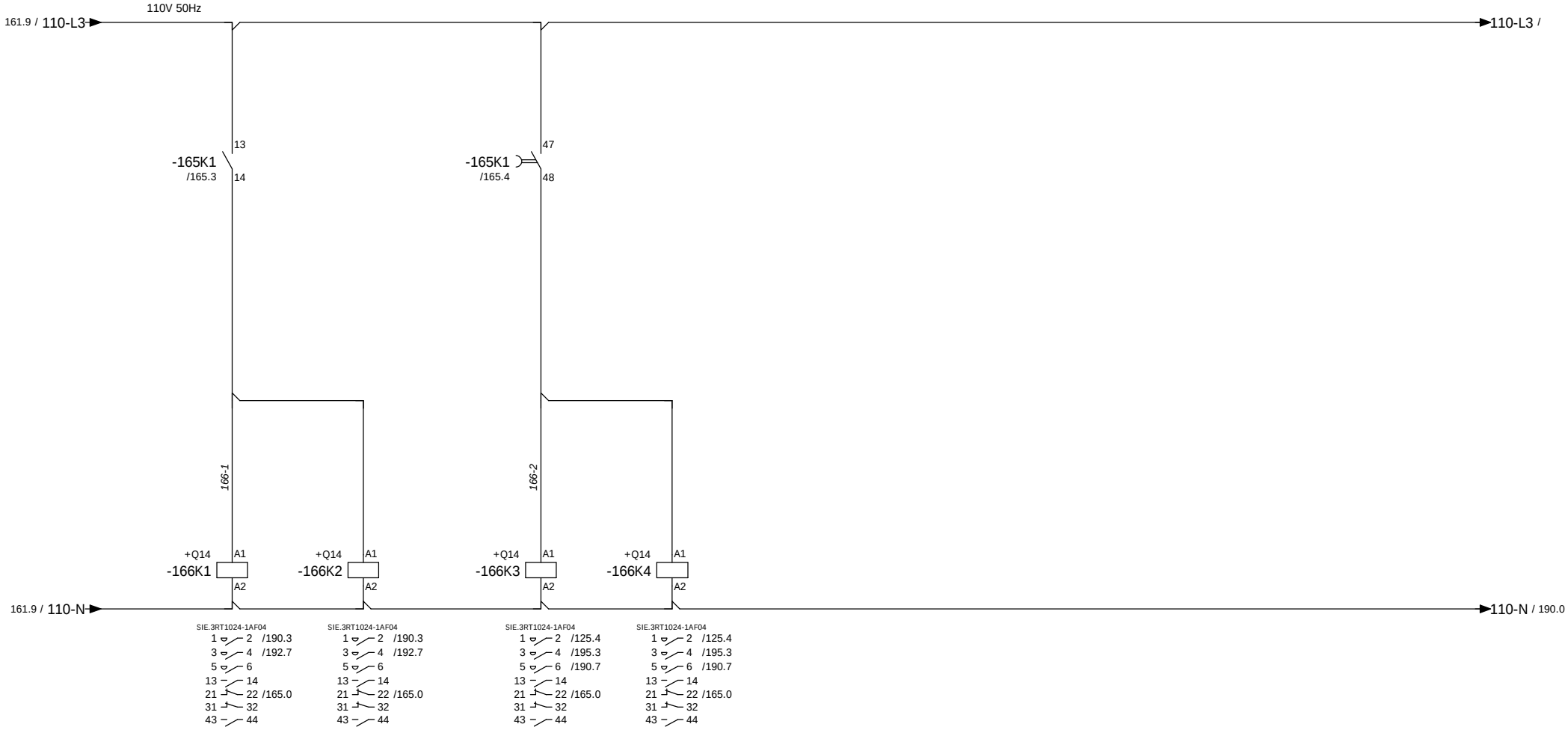
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Descript.: SAFETY AREA 3

NOVASTILMEC A94

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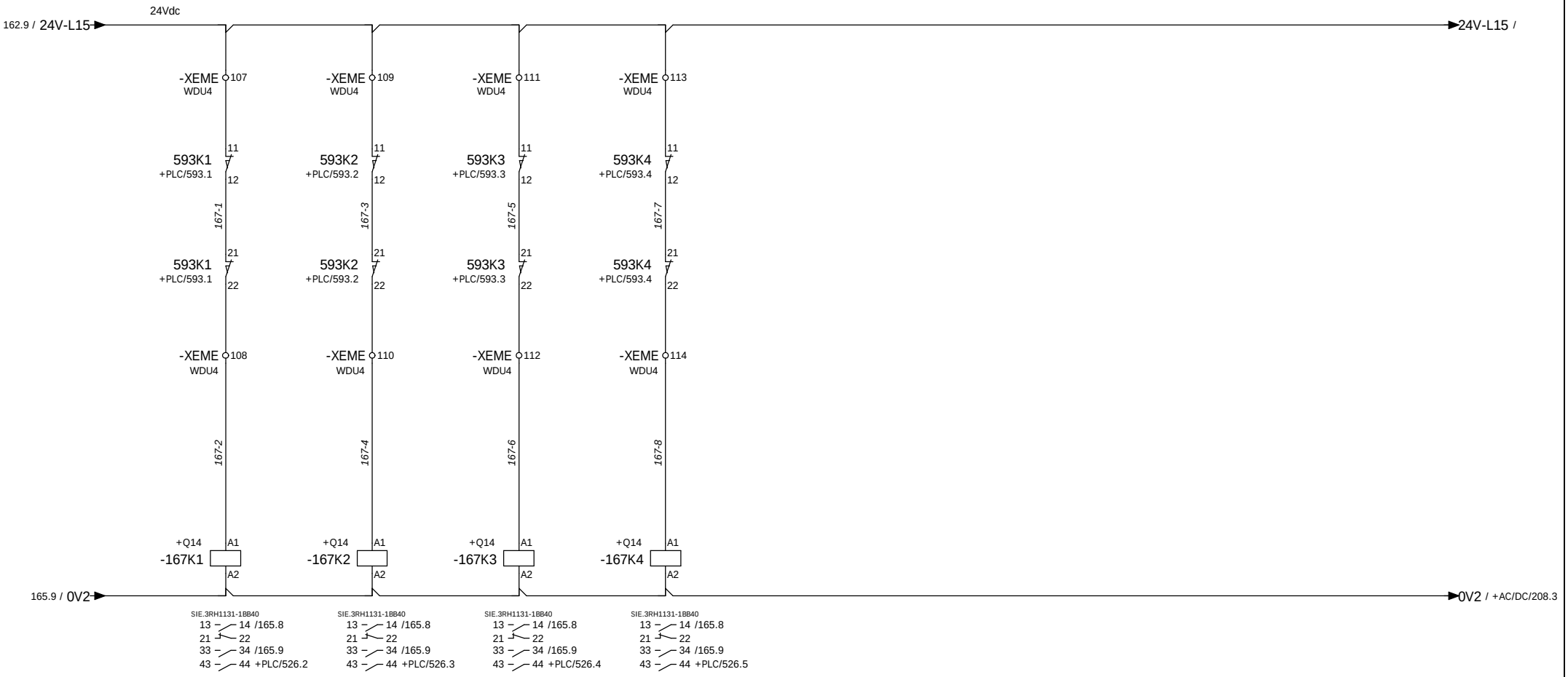
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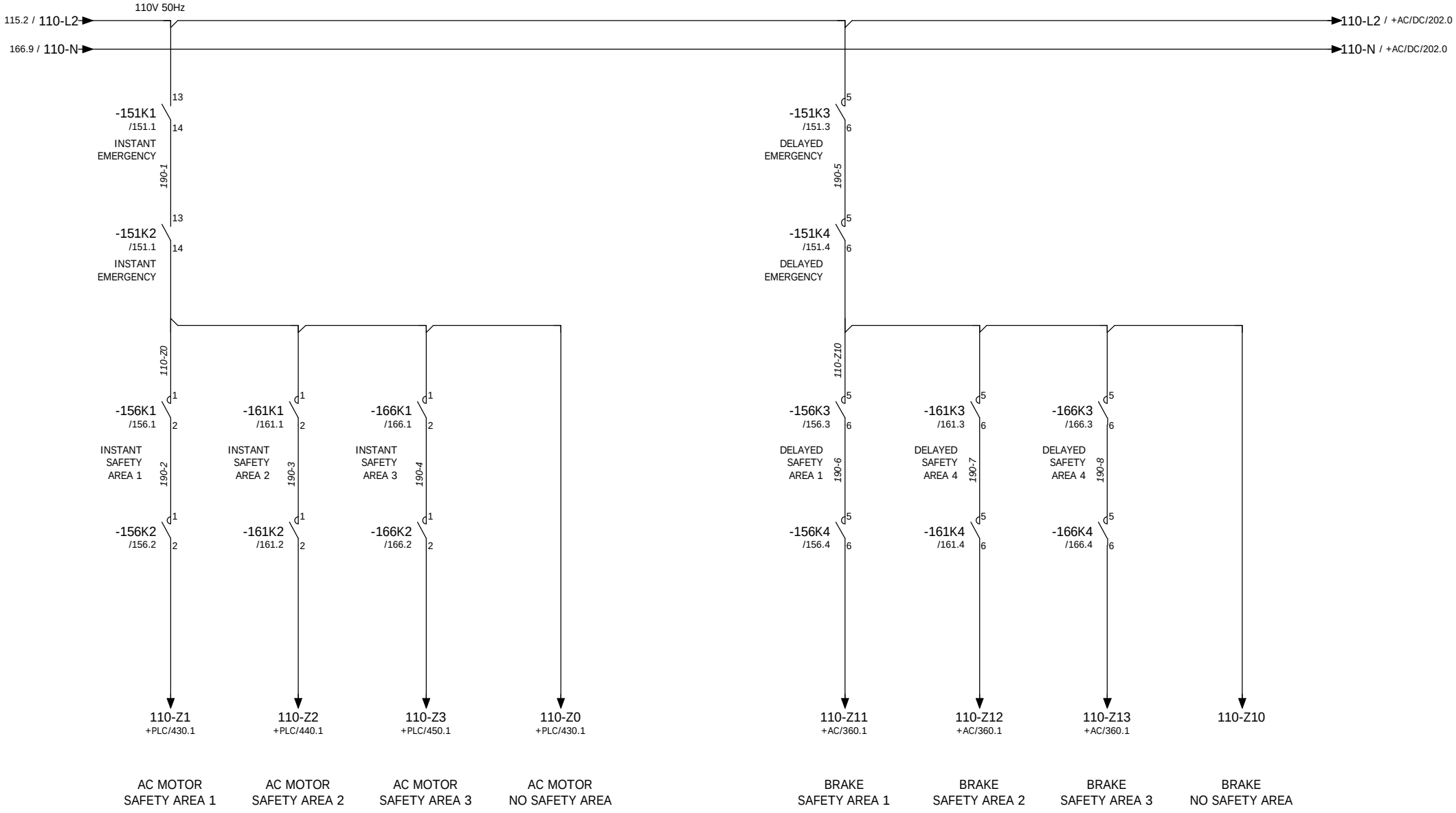
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY MOTOR CIRCUIT

NOVASTILMEC A94

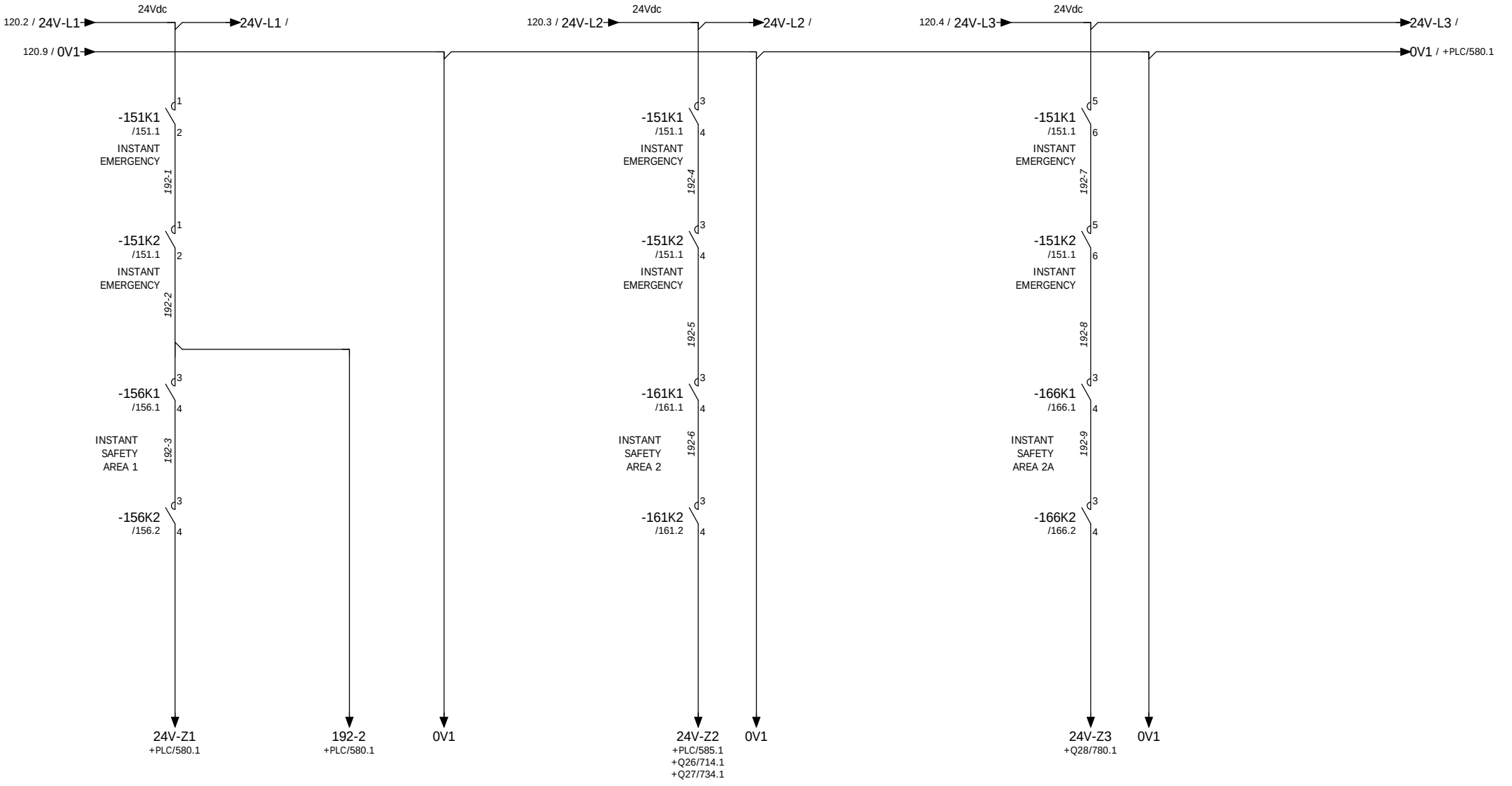
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY SOLENOIDE VALVES

Descript.

NOVASTILMEC A94

= A94

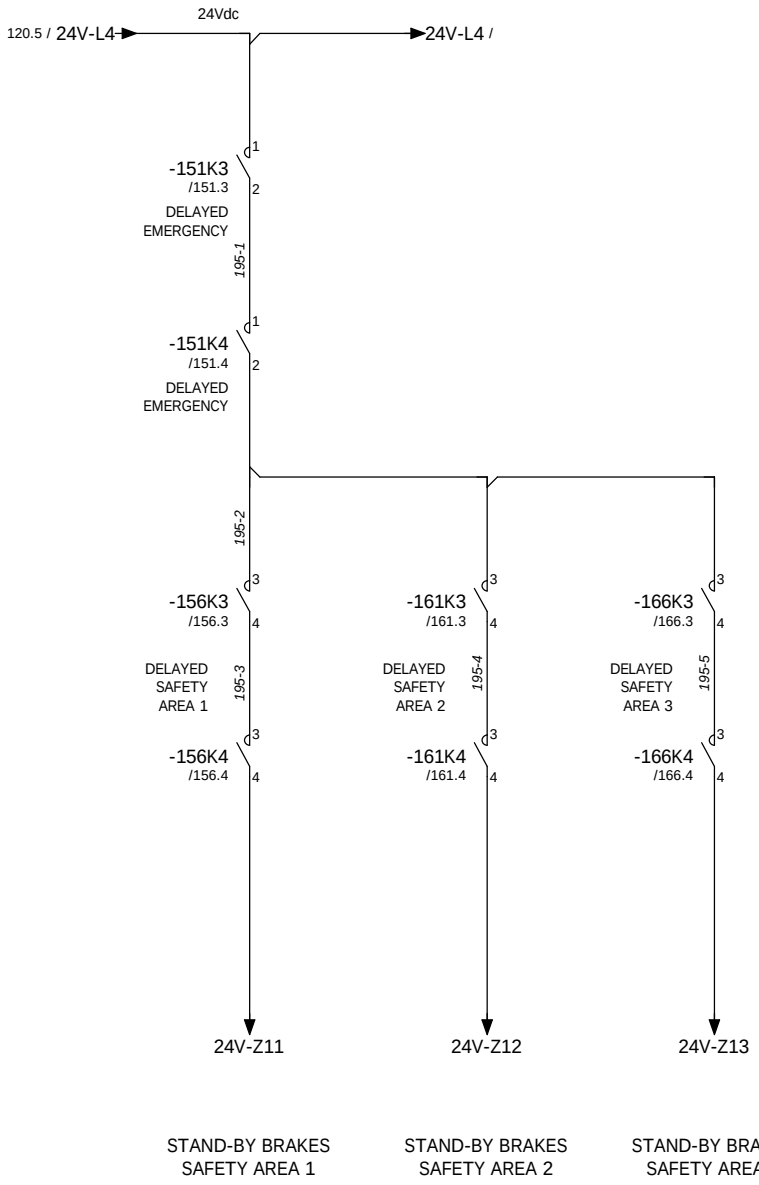
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY STAND-BY BRAKES

Descript.

NOVASTILMEC A94

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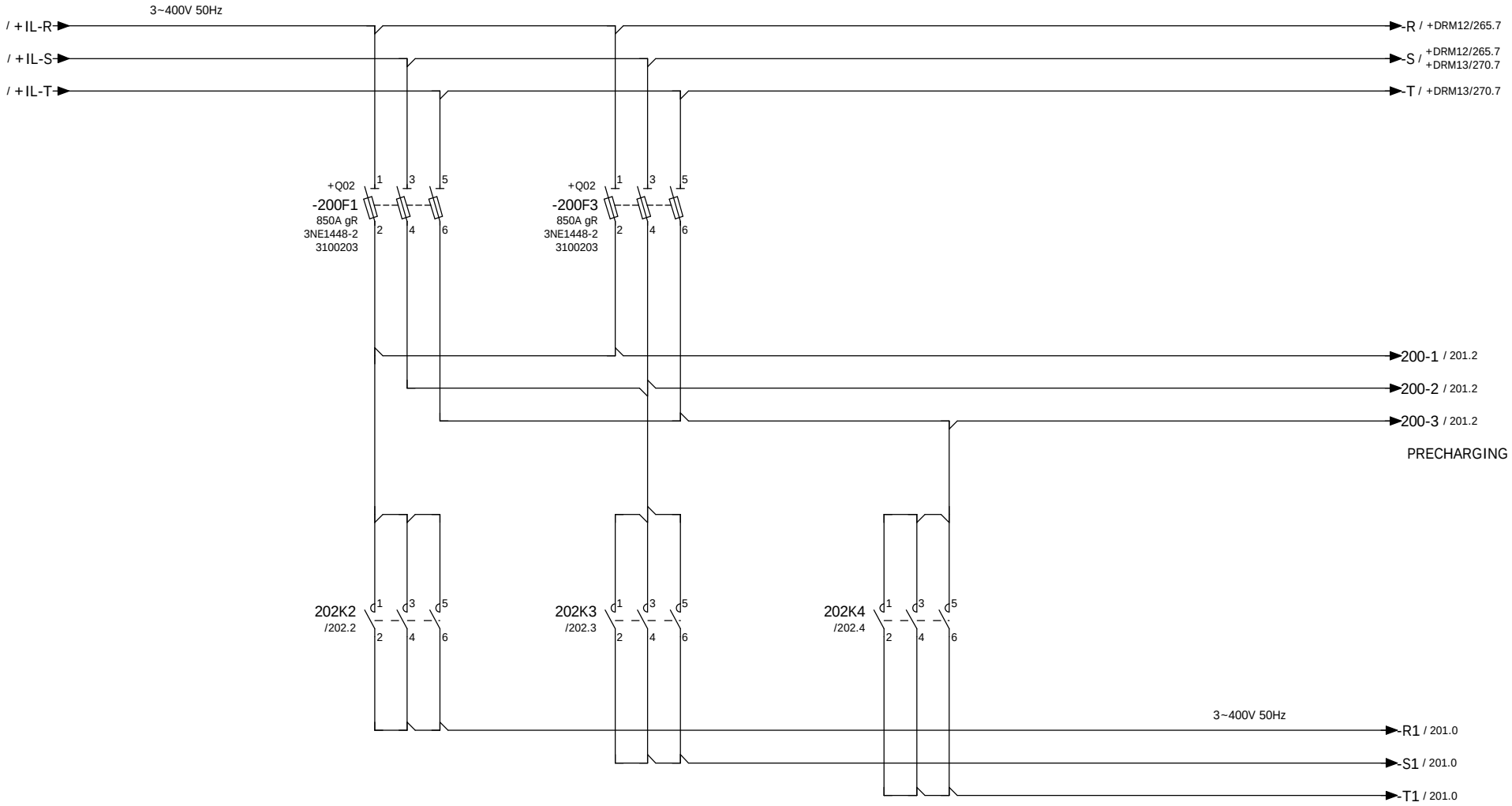
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Job Nr.

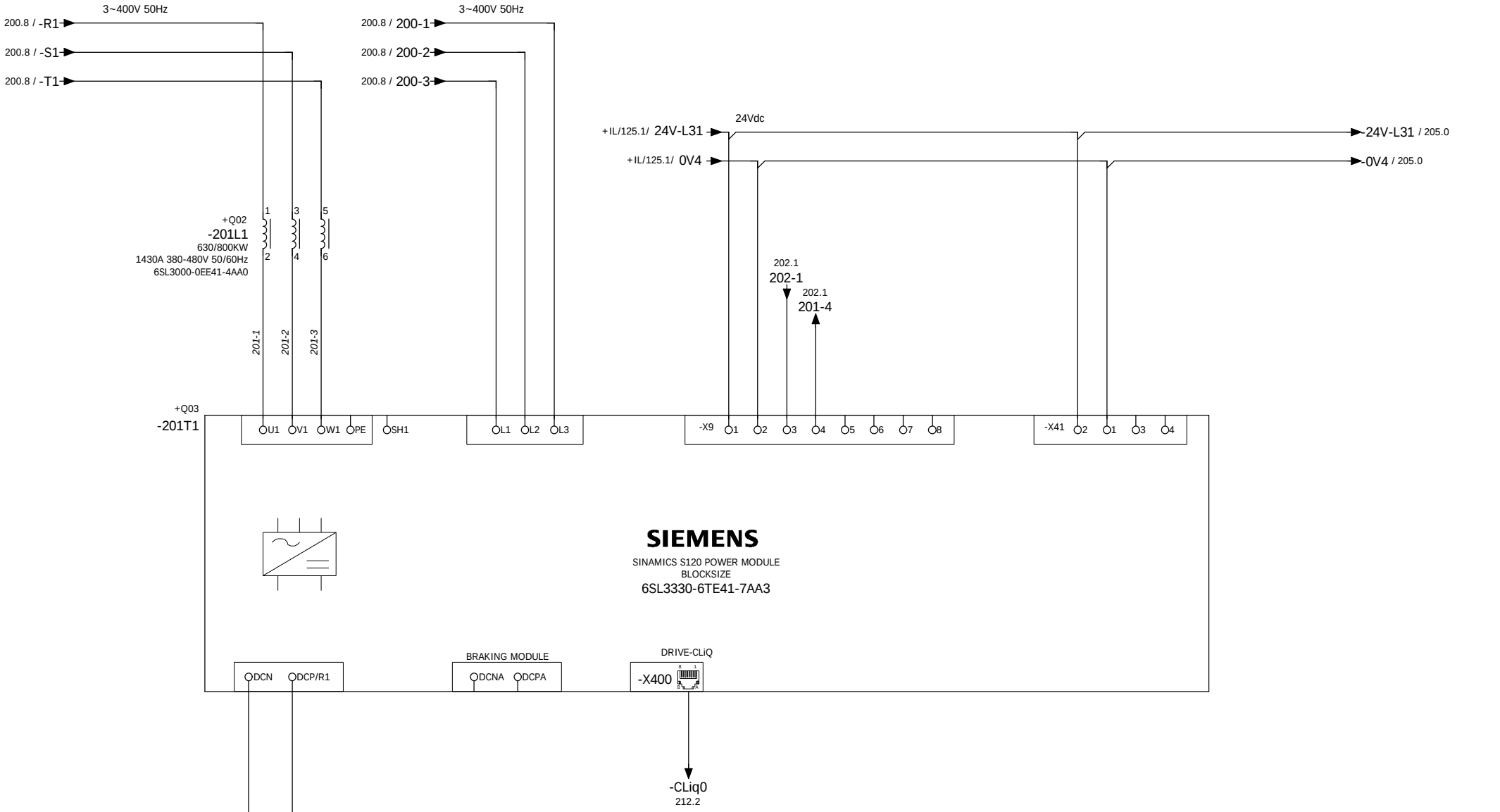
Dwg.Nr. A94

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	CONVERTER AC-DC BUS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ AC/DC
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 200
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

CONVERTER AC-DC BUS

Descript.

NOVASTILMEC A94

Job Nr.

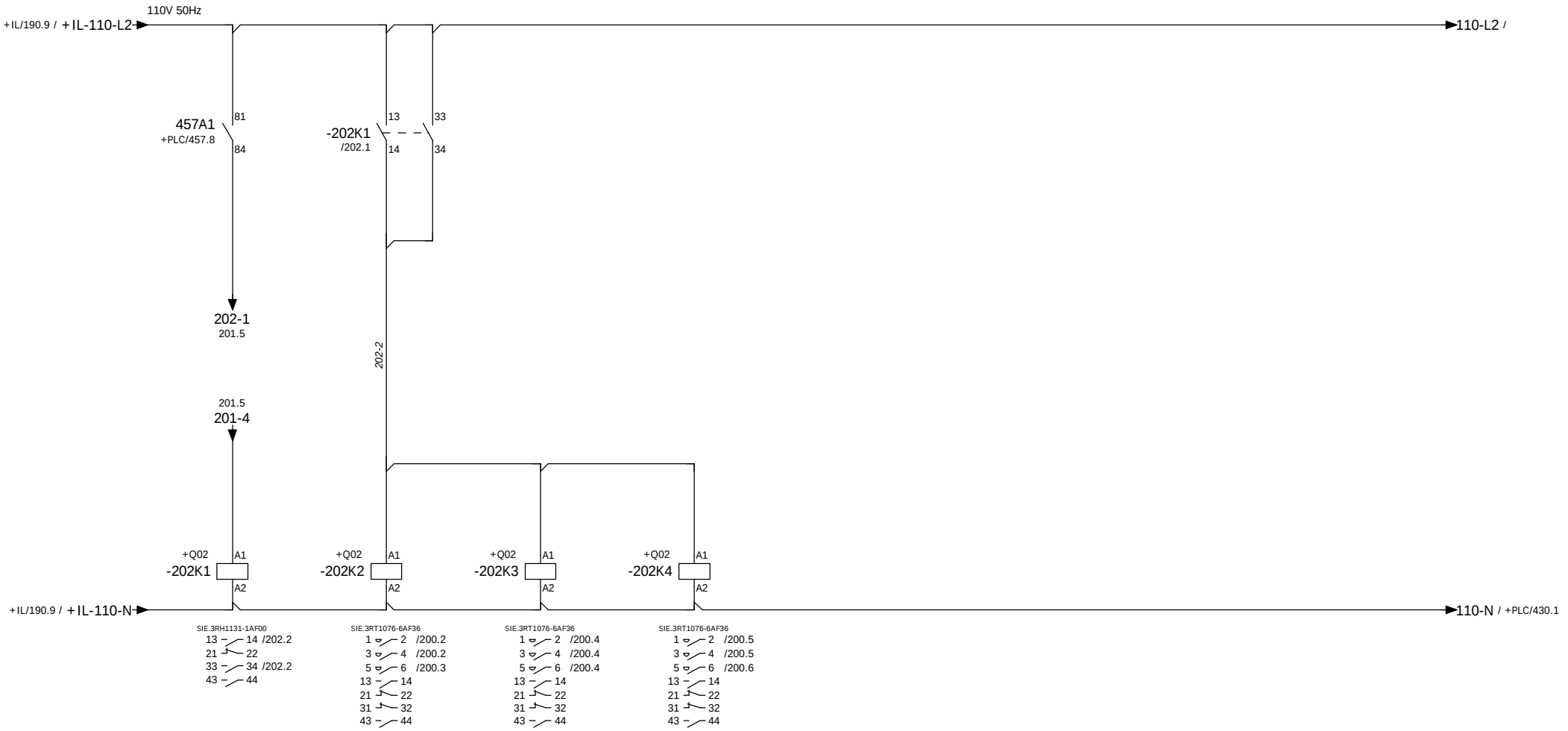
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DC BUS
INSERTION

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

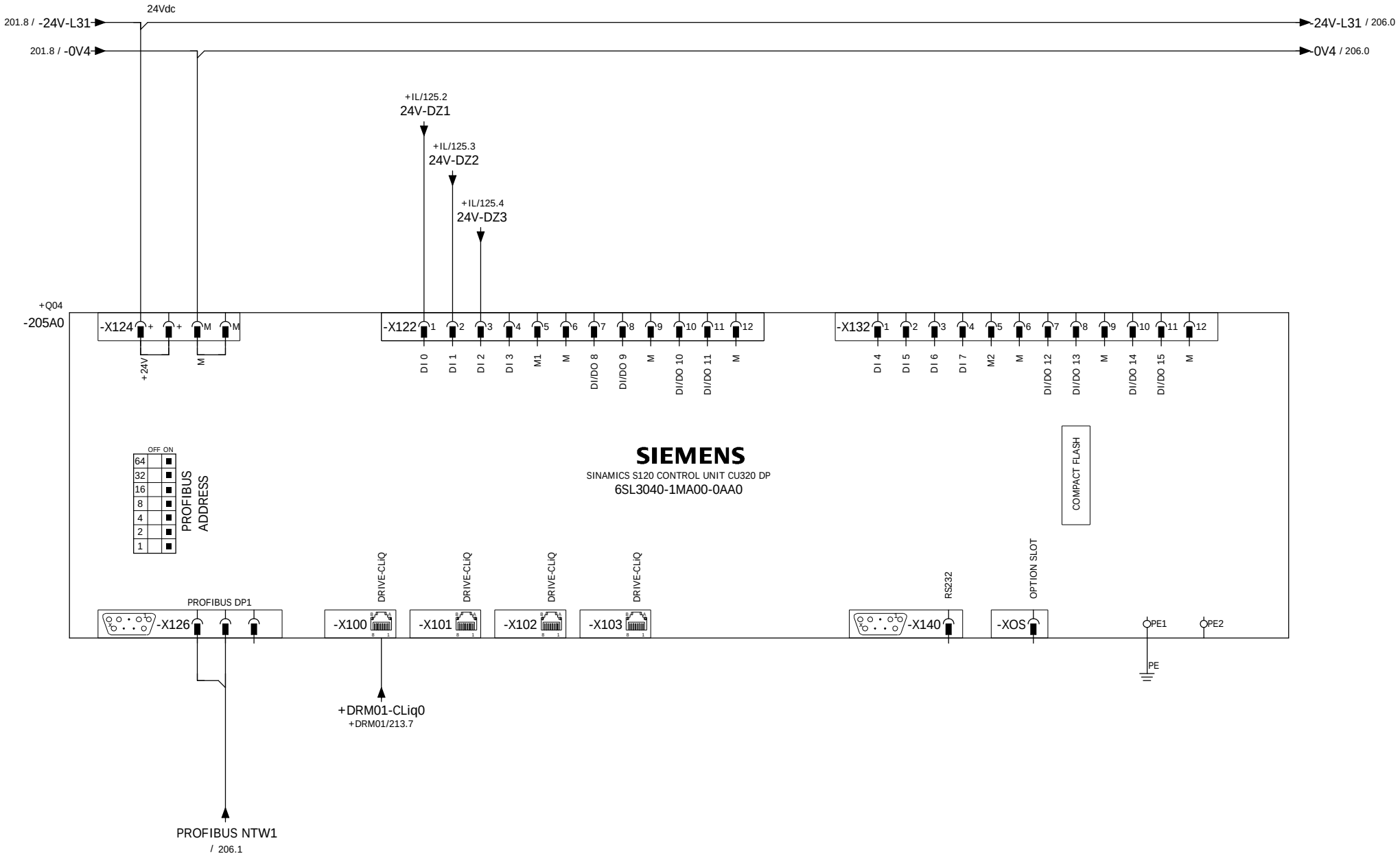
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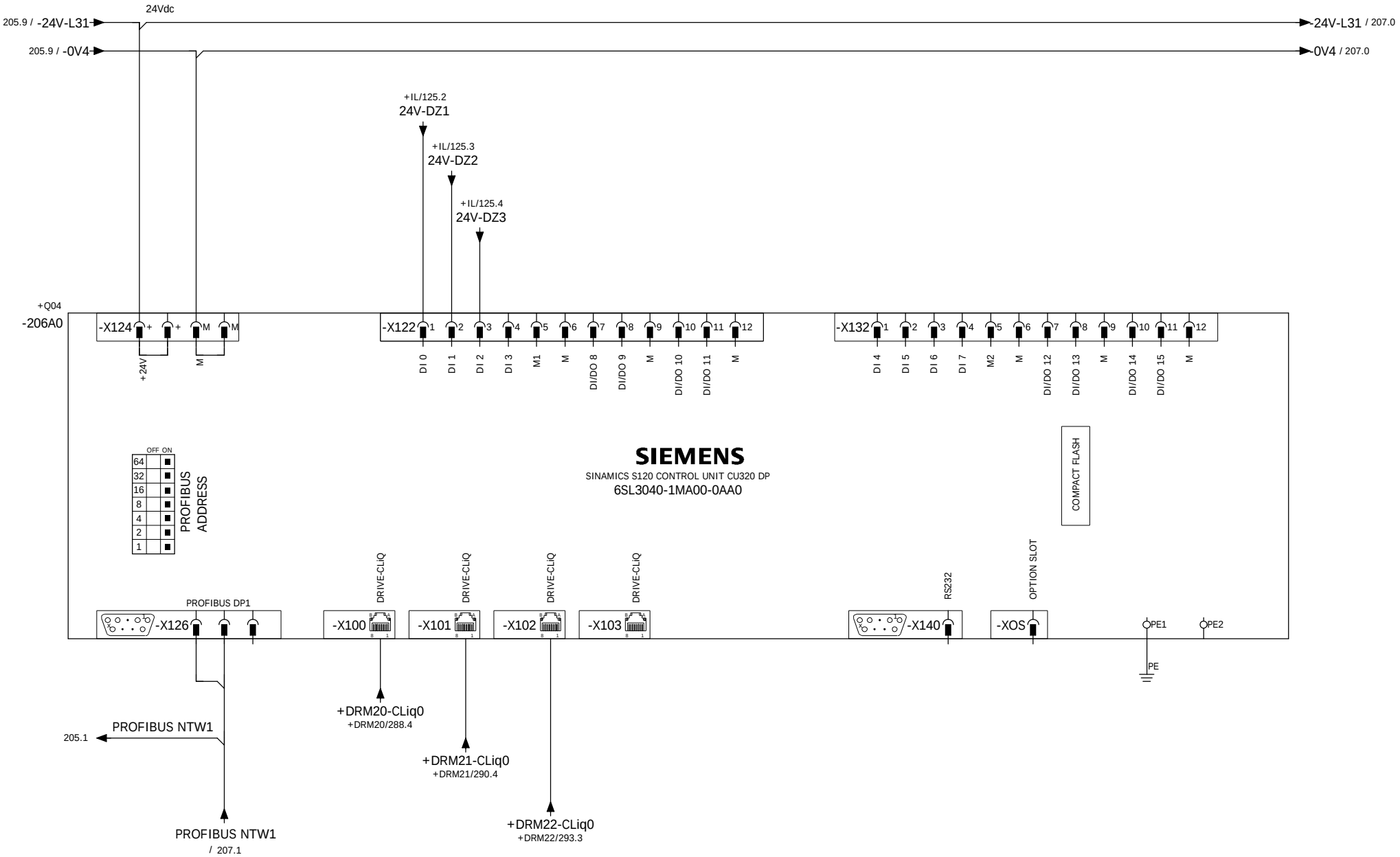
NOVASTILMEC A94

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+ **AC/DC**



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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

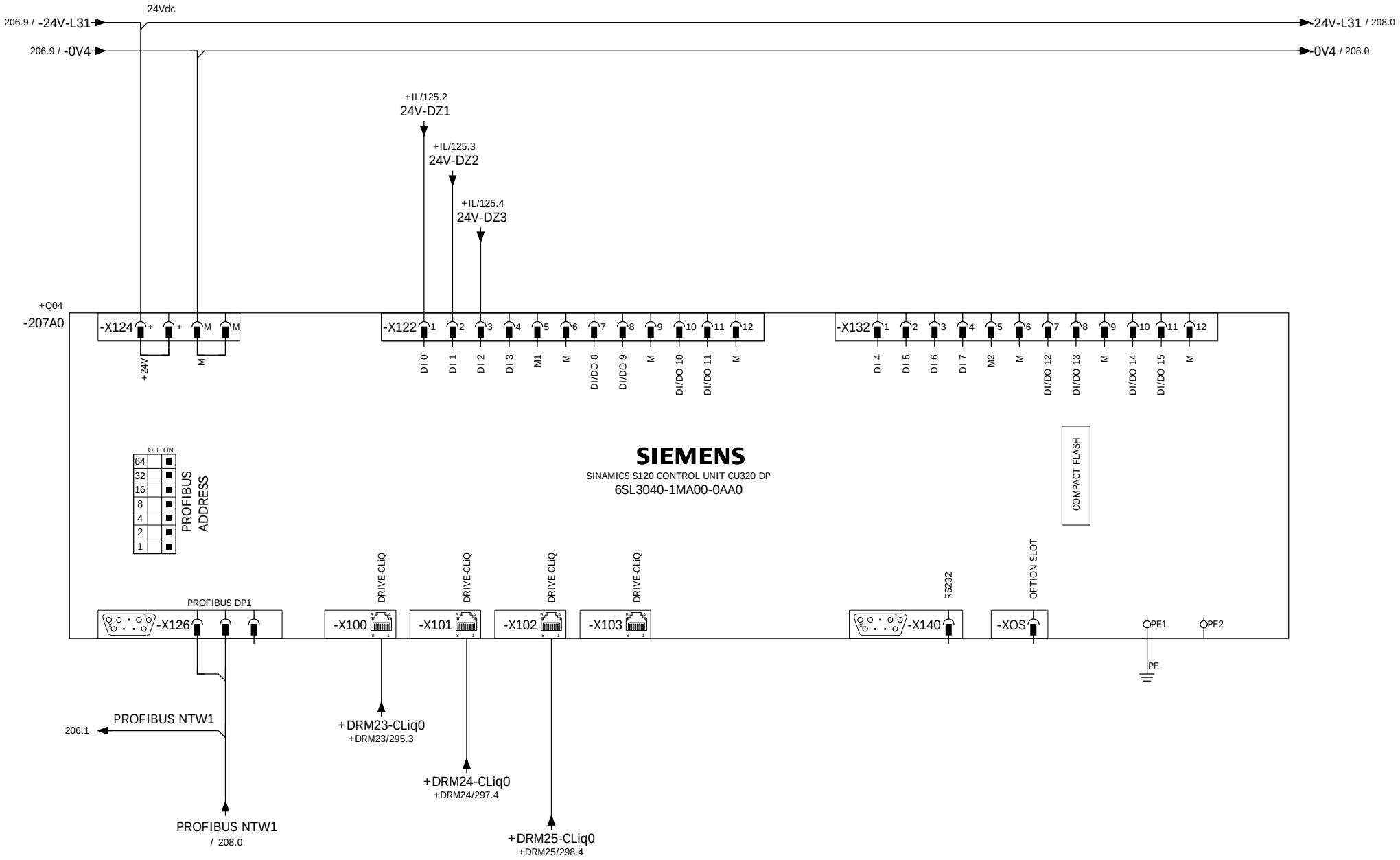
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

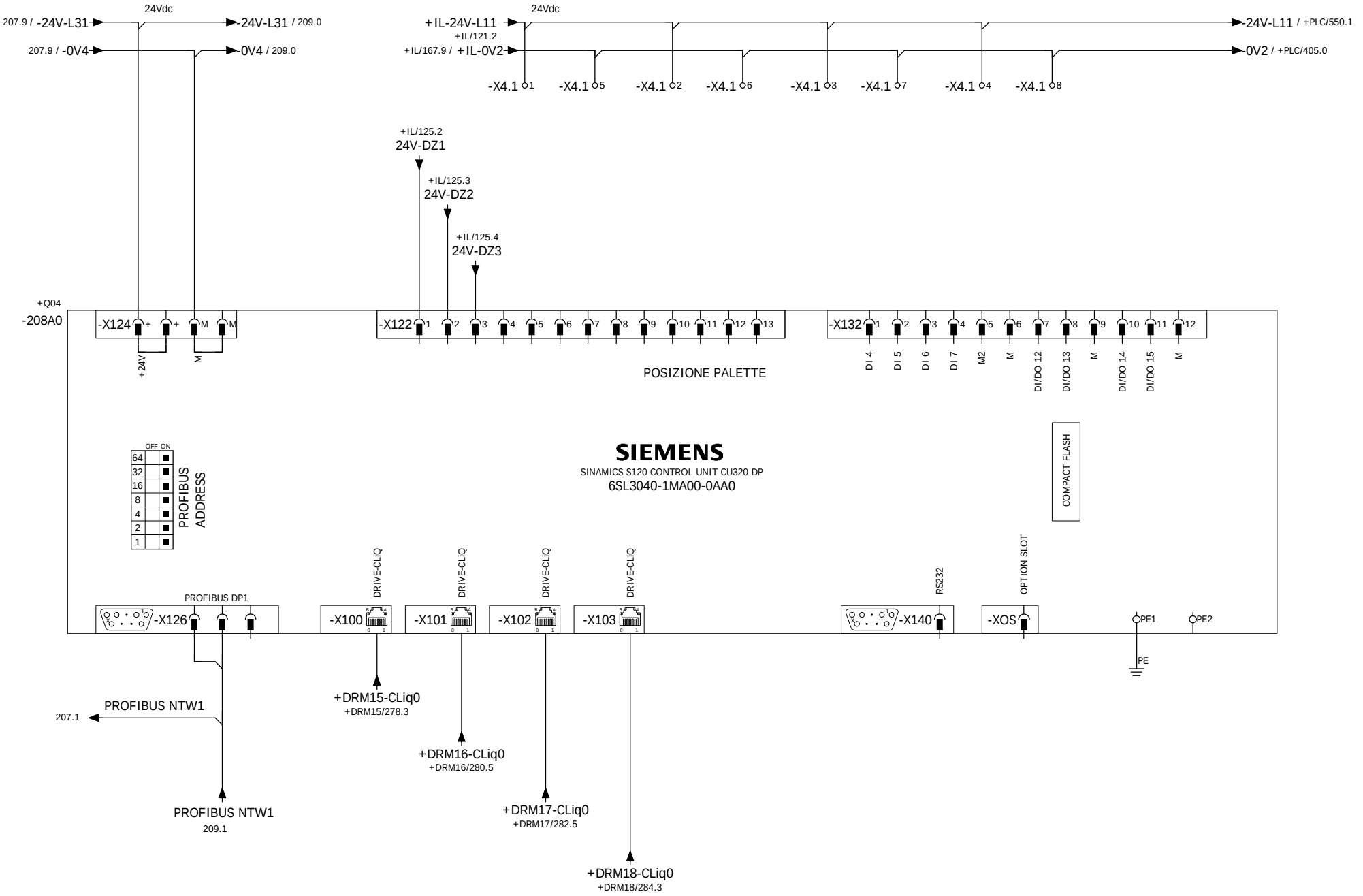
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+ AC/DC

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

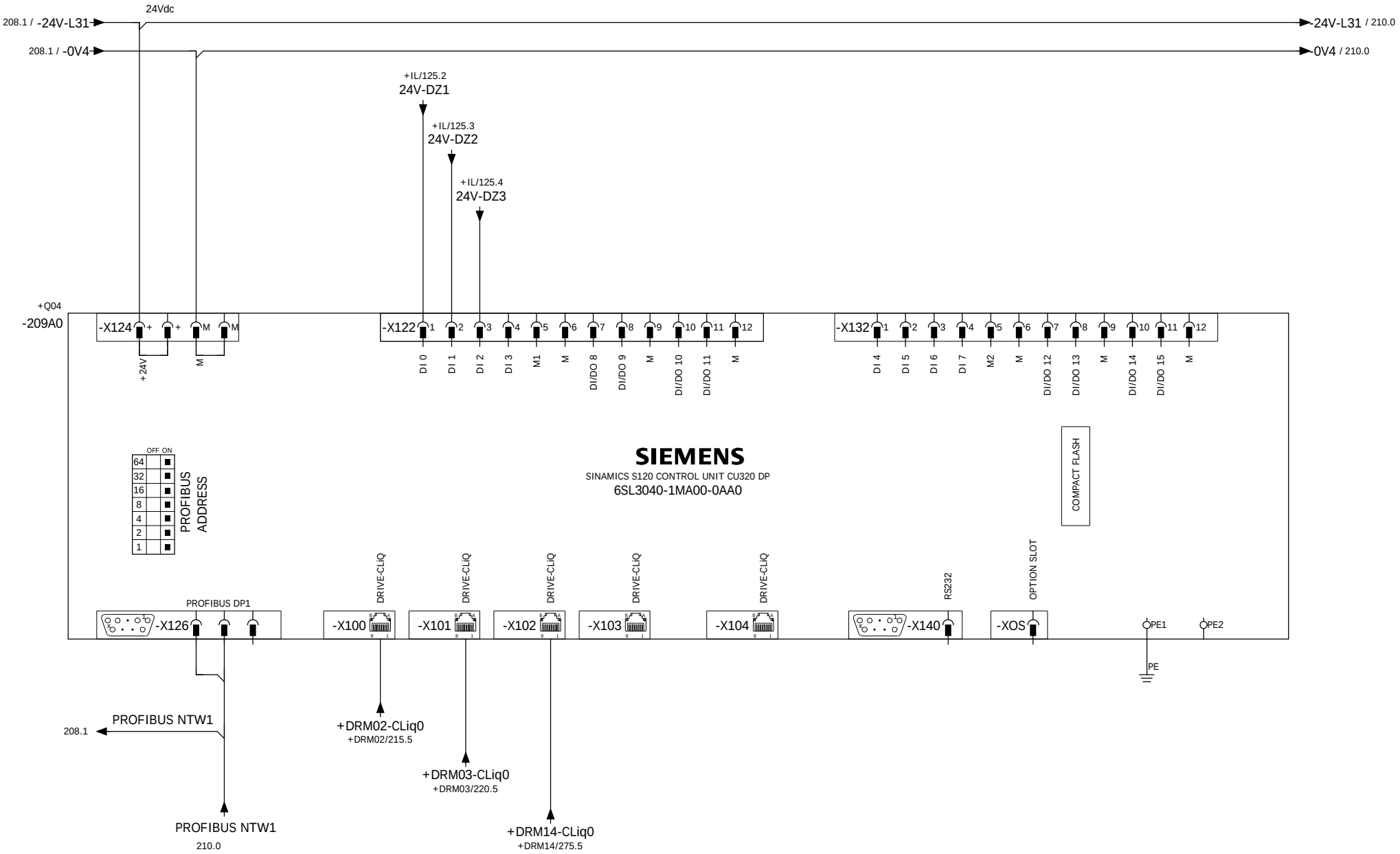
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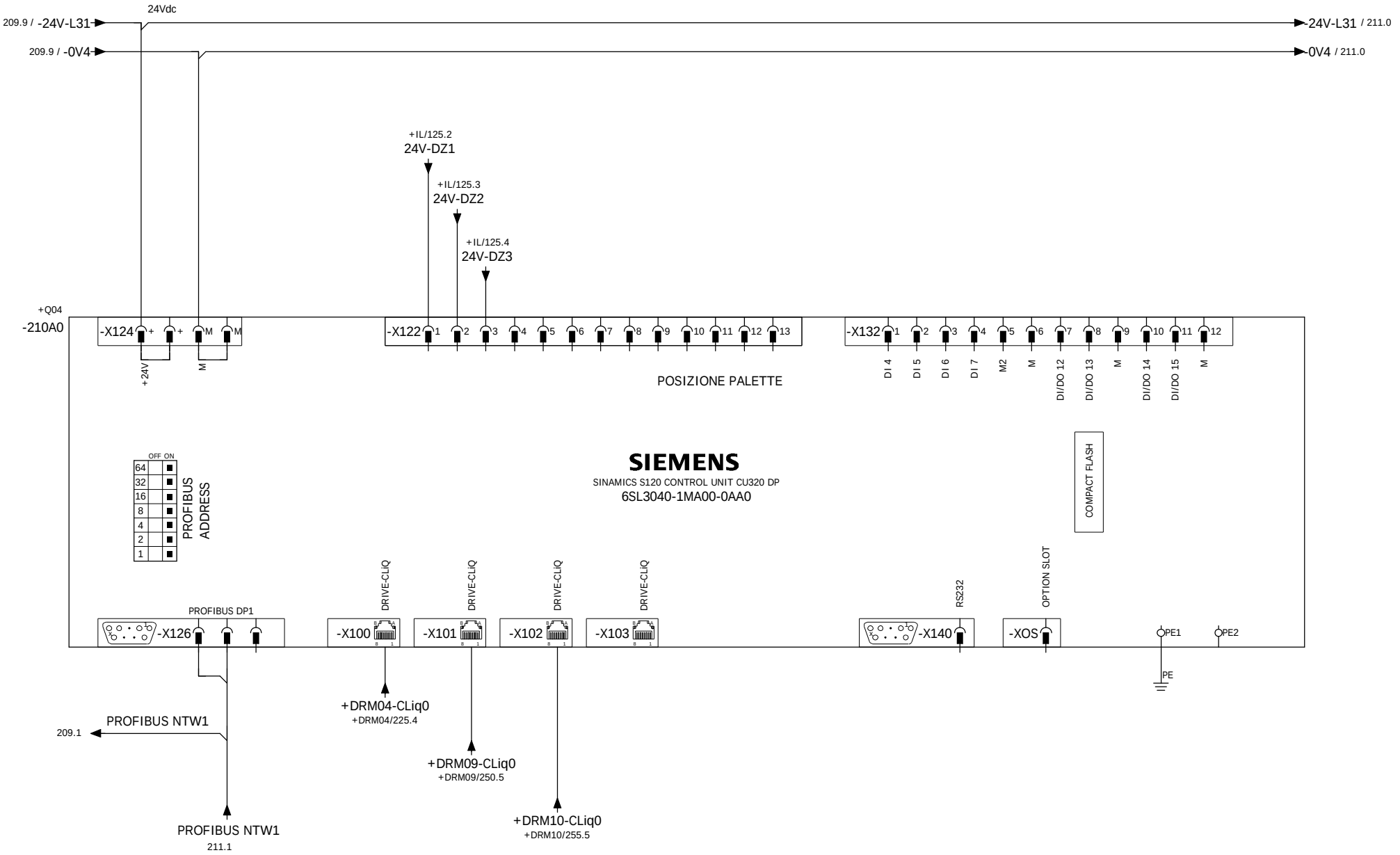
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

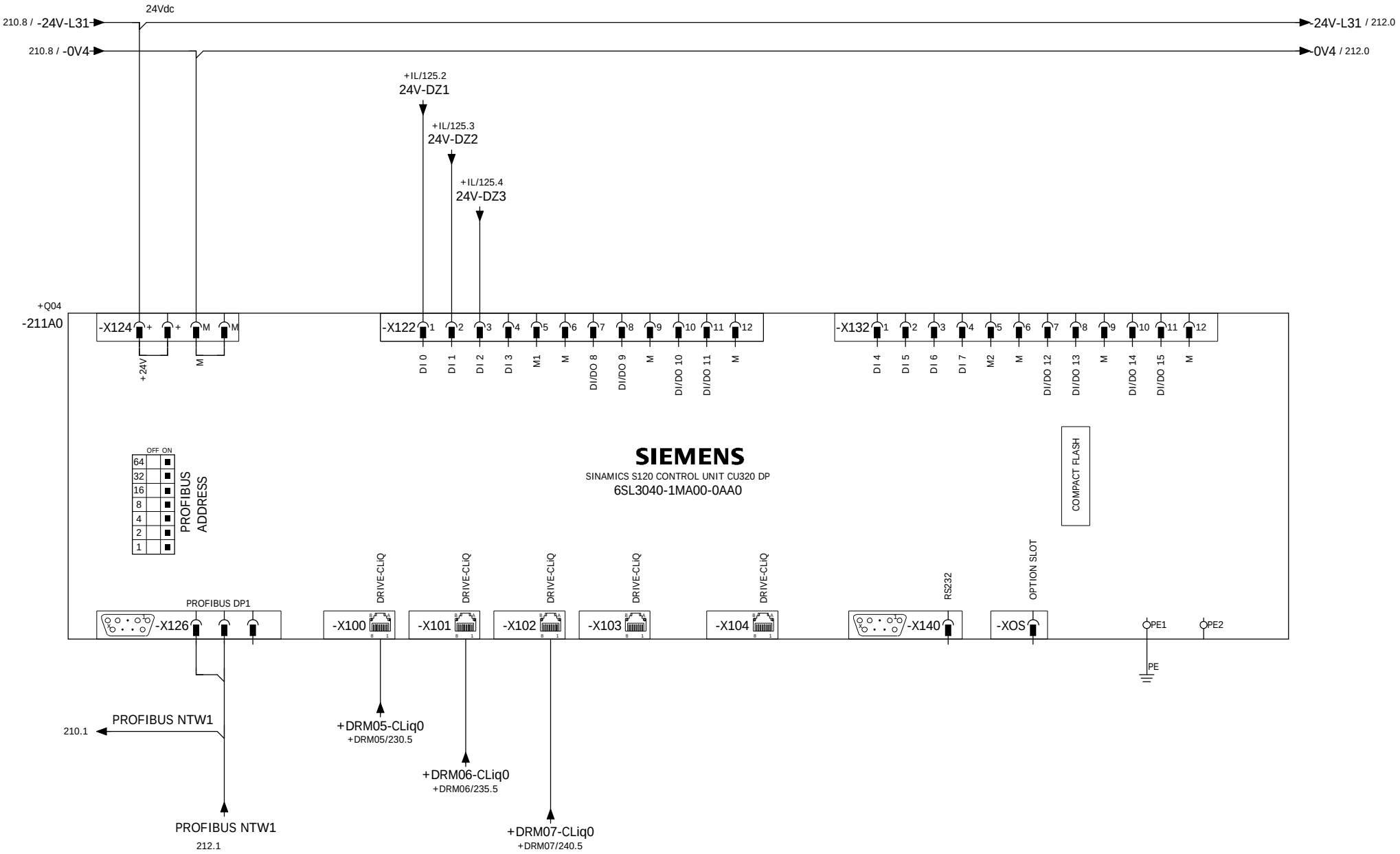
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+ **AC/DC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

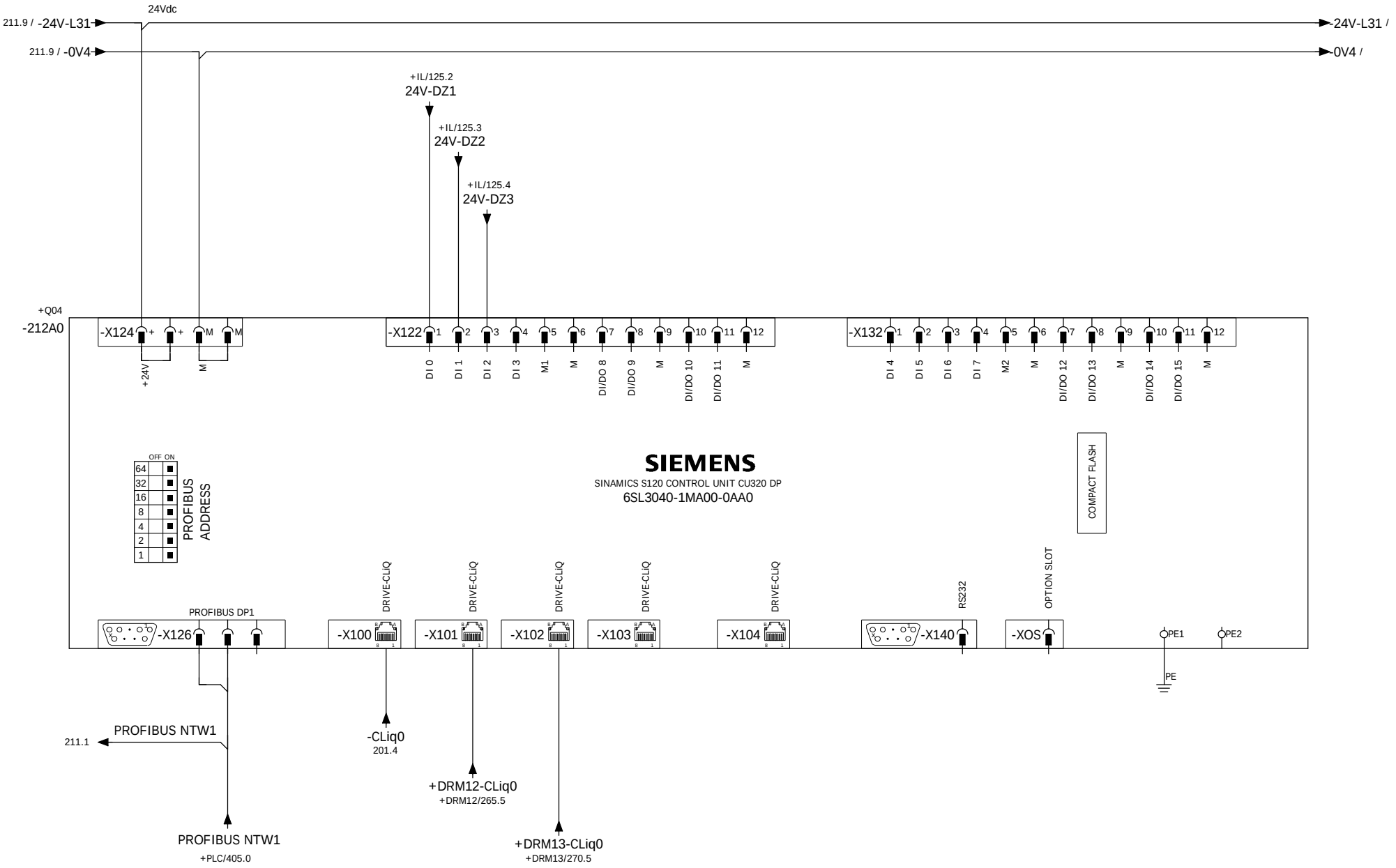
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SINAMICS CONTROL UNIT CU320-2

Descript.

NOVASTILMEC A94

Job Nr.

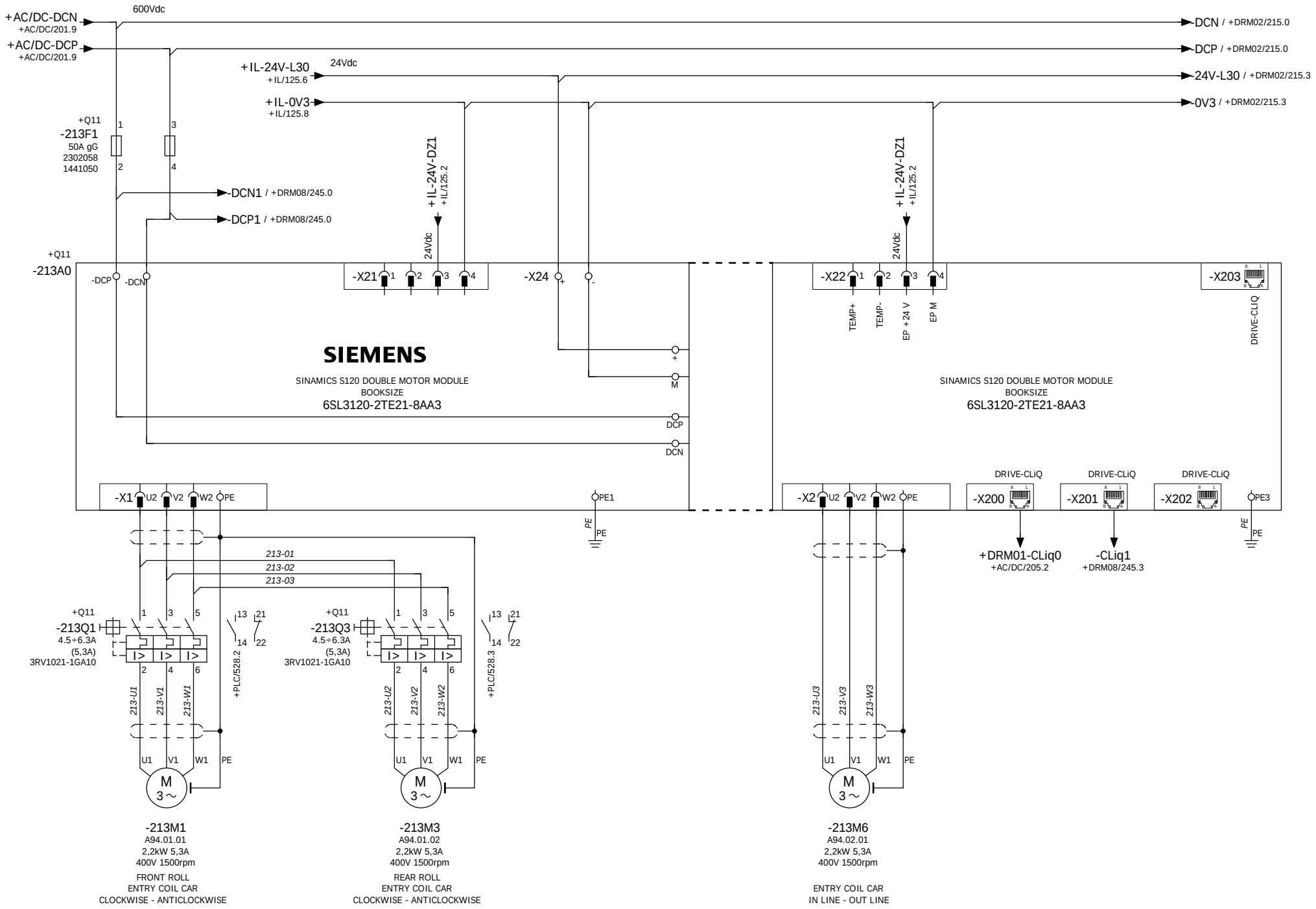
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

ENTRY COIL CAR

Descript.

NOVASTILMEC A94

Job Nr.

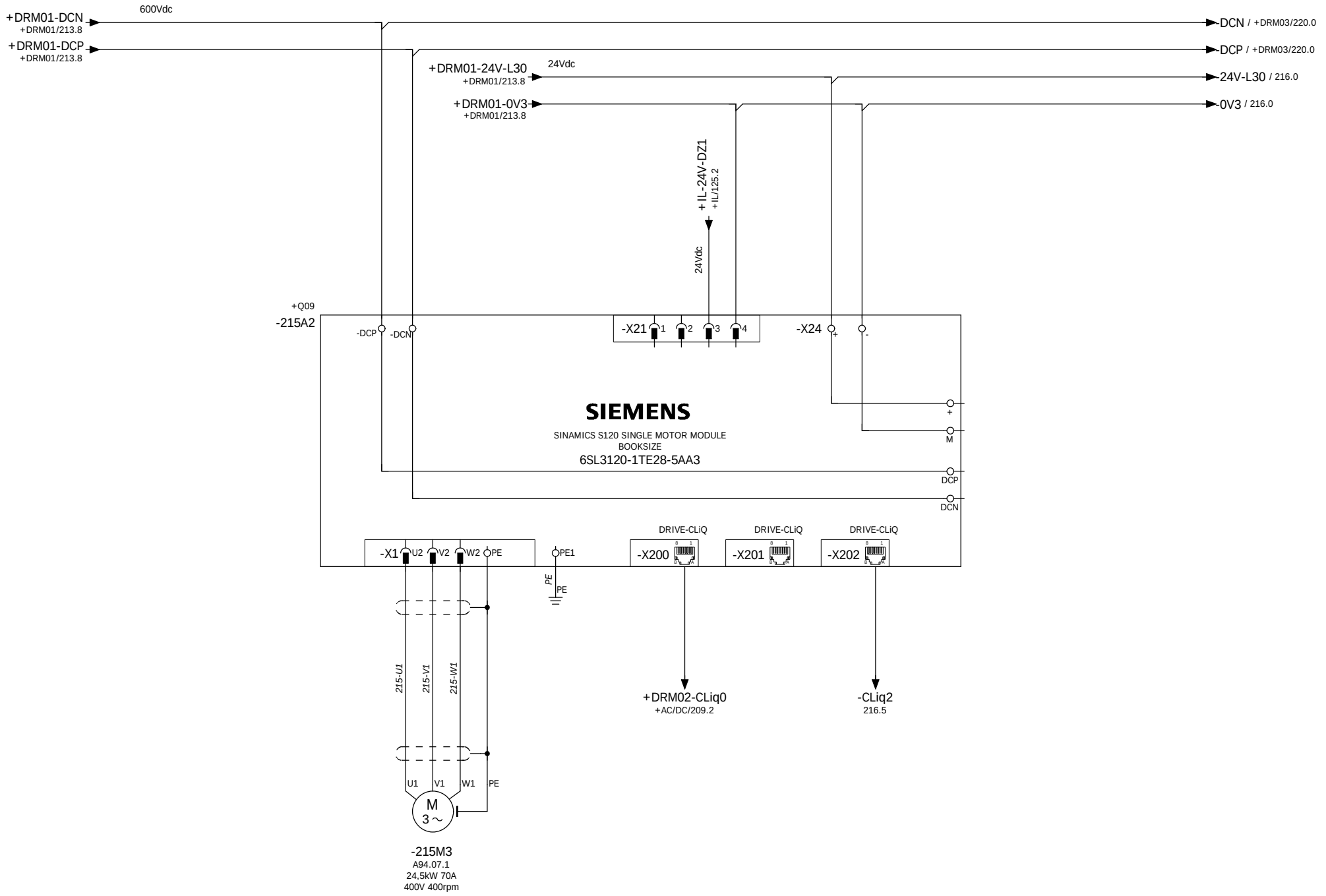
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

UNCOILER MOTOR SIDE

Descript.

NOVASTILMEC A94

Job Nr.

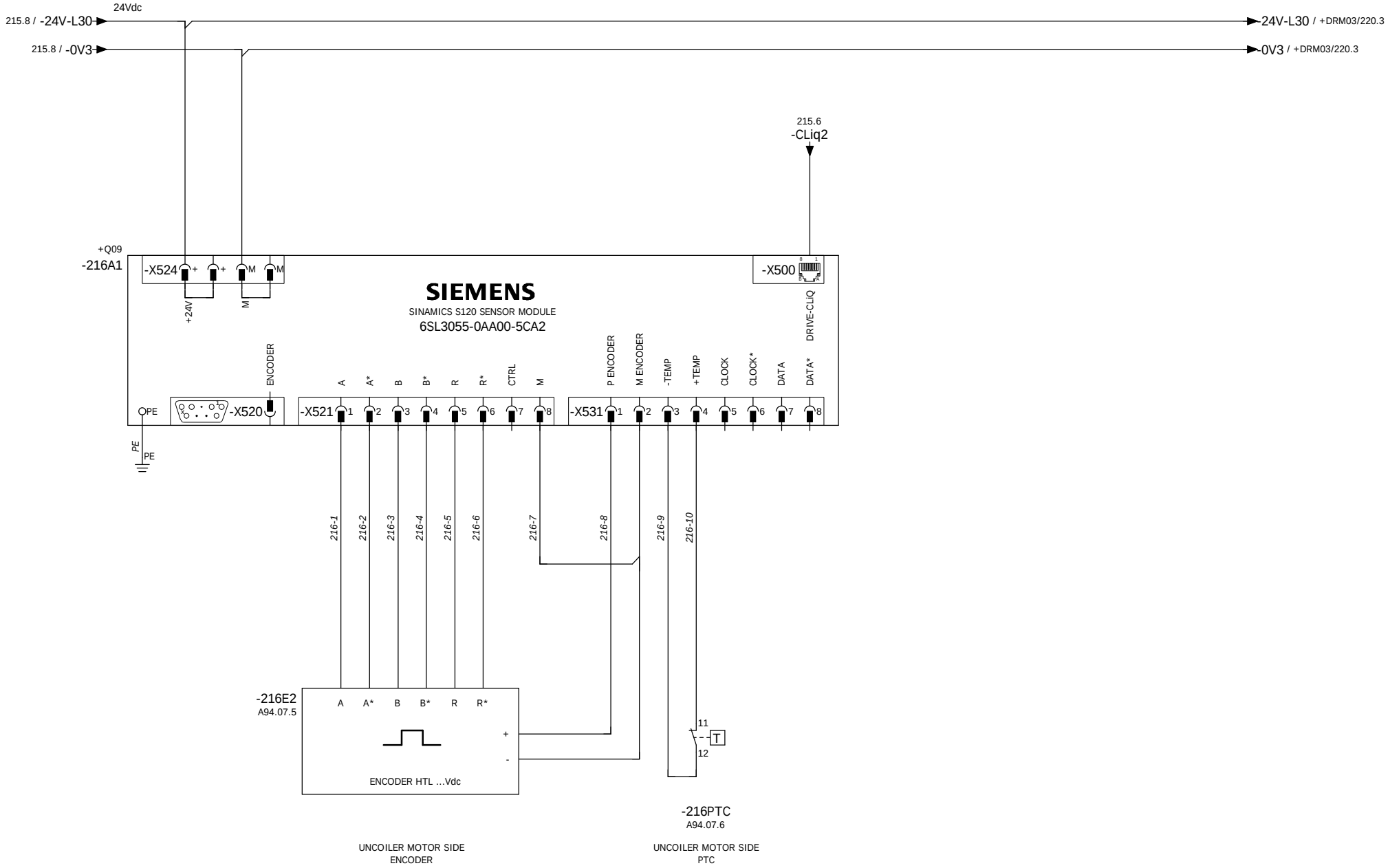
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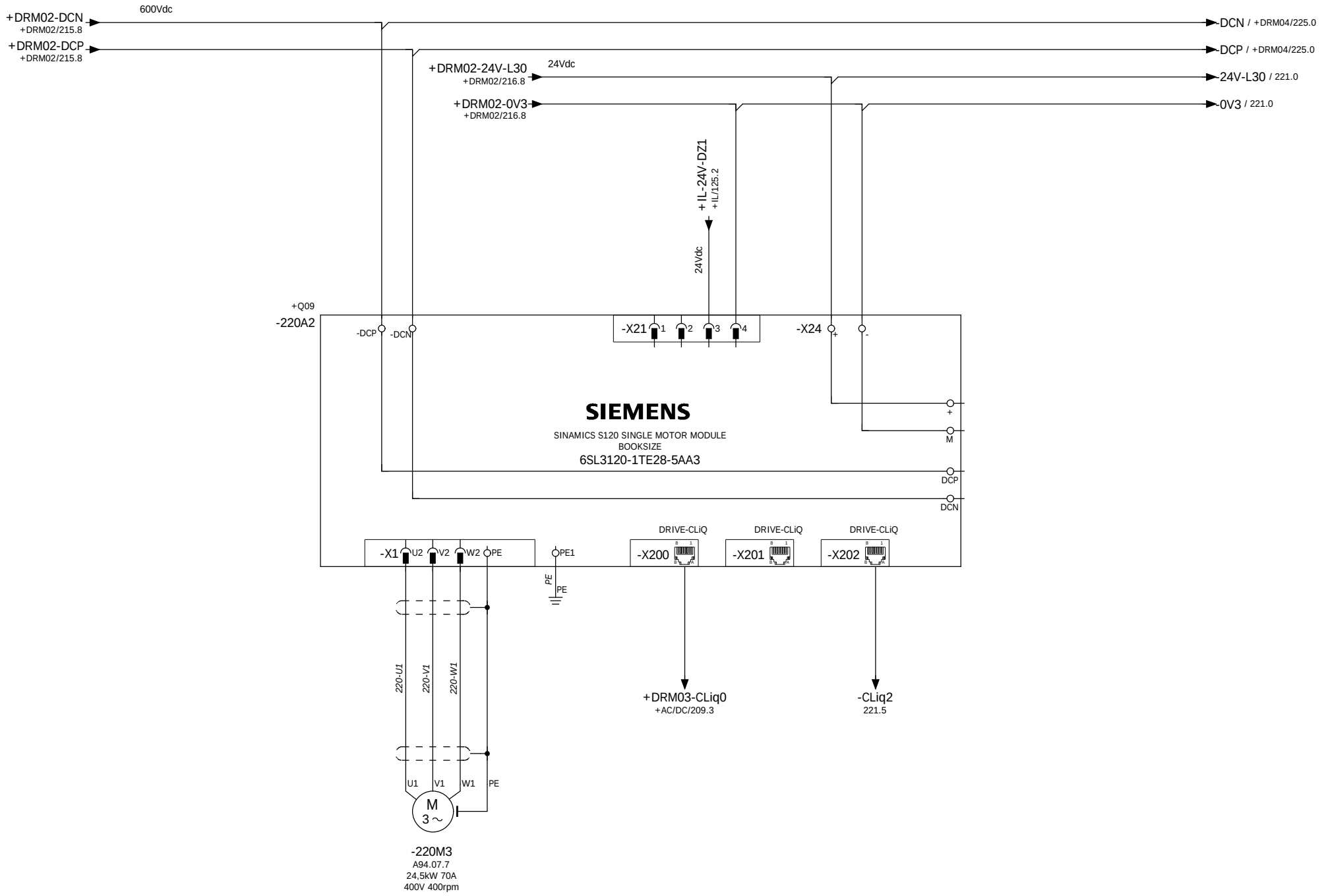
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				Drawn	TPM					+ **DRM02**
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

UNCOILER OPERATOR SIDE

Descript.

NOVASTILMEC A94

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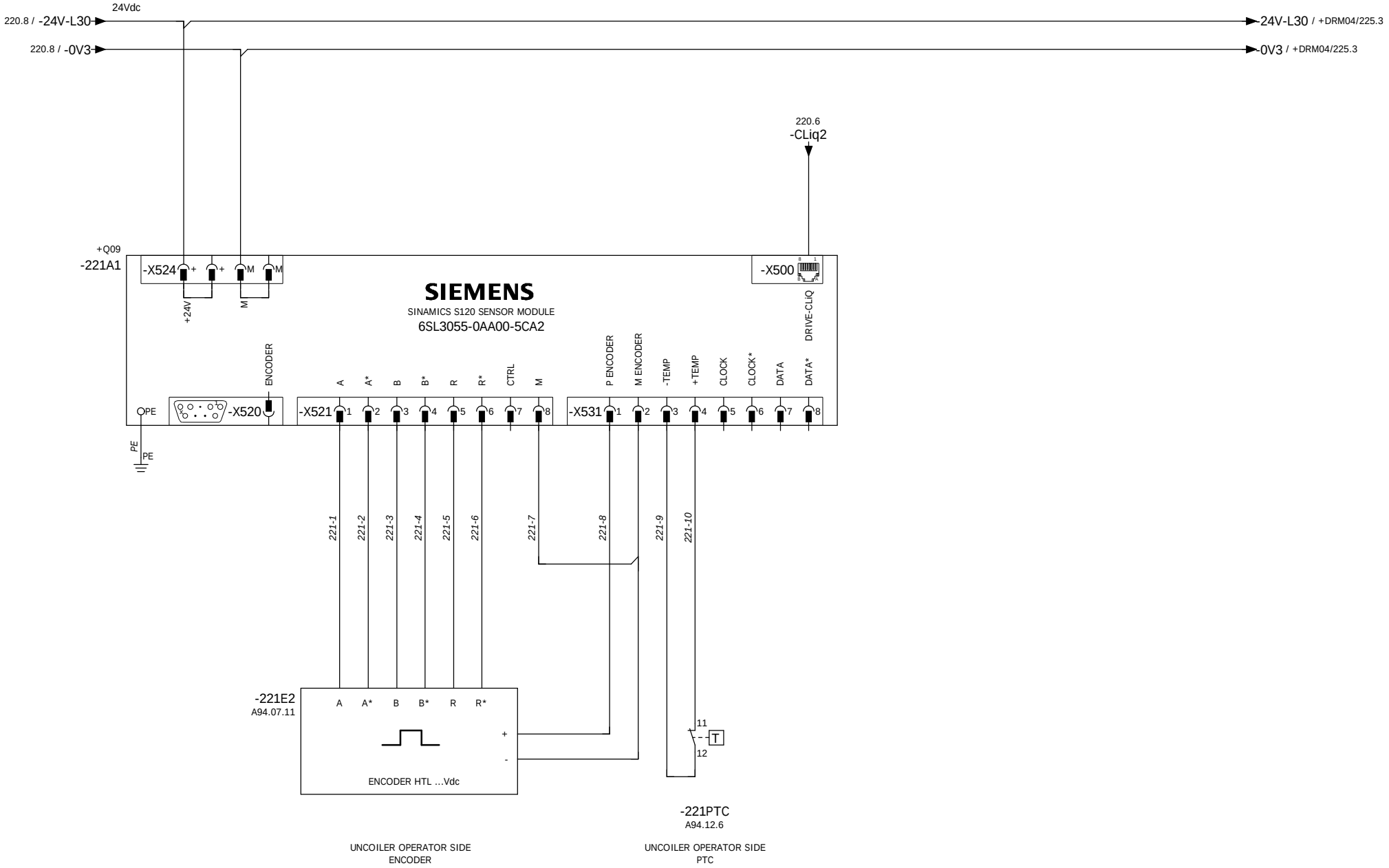
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

UNCOILER OPERATOR SIDE

Descript.

NOVASTILMEC A94

Job Nr.

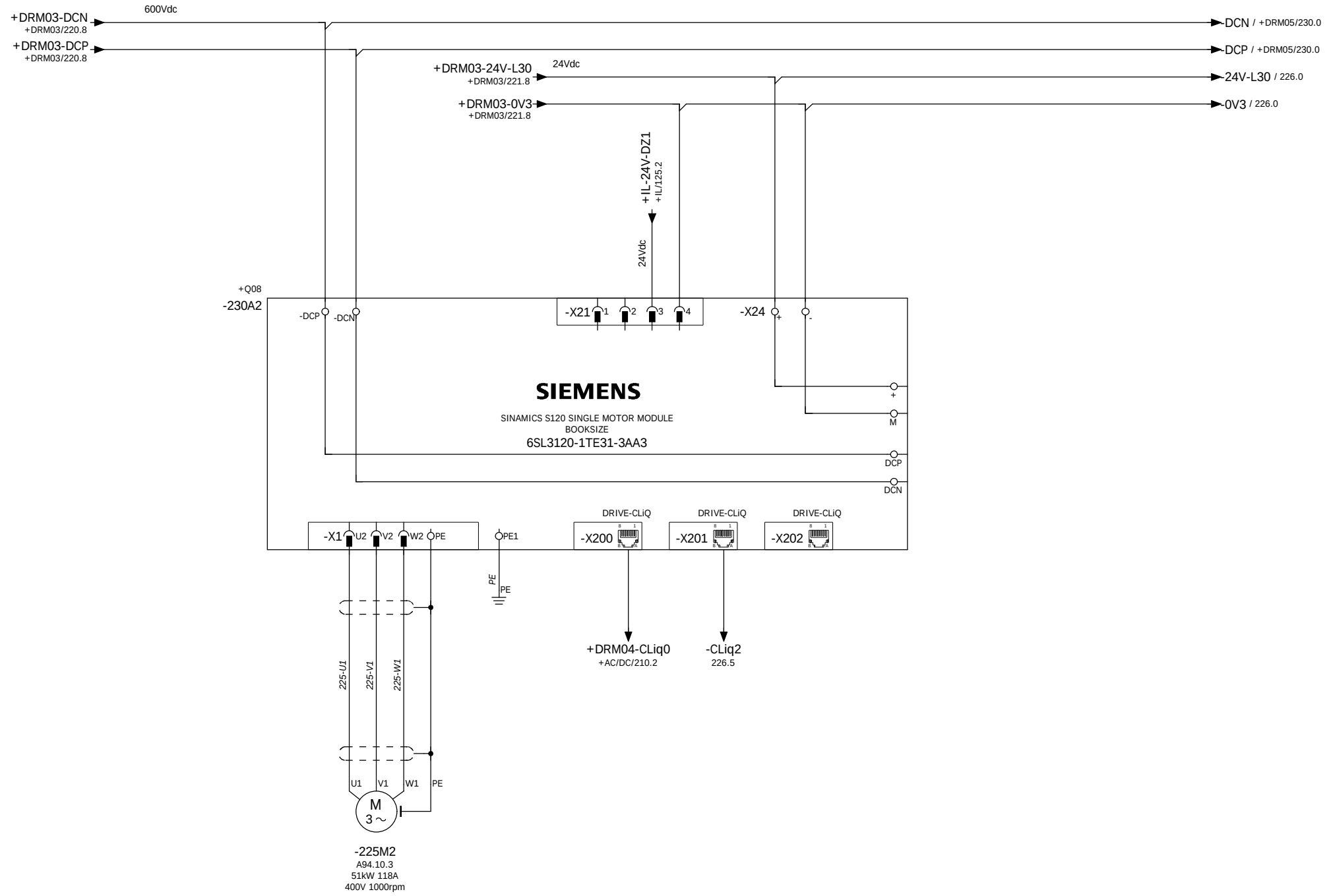
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

STRAIGHTENING - ENTRY PINCH ROLL ROTATION

Descript.

NOVASTILMEC A94

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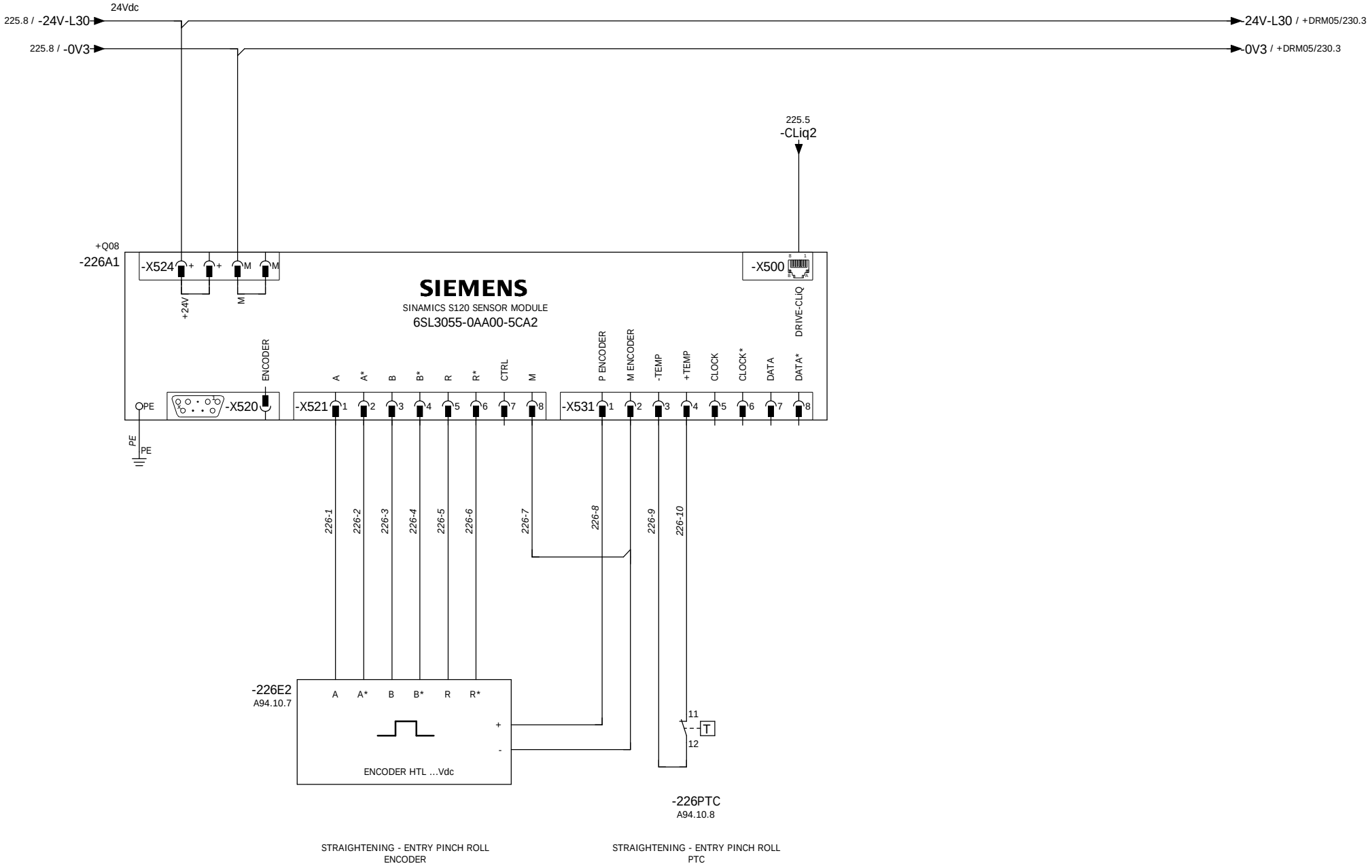
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

STRAIGHTENING - ENTRY PINCH ROLL
ROTATION

Descript.

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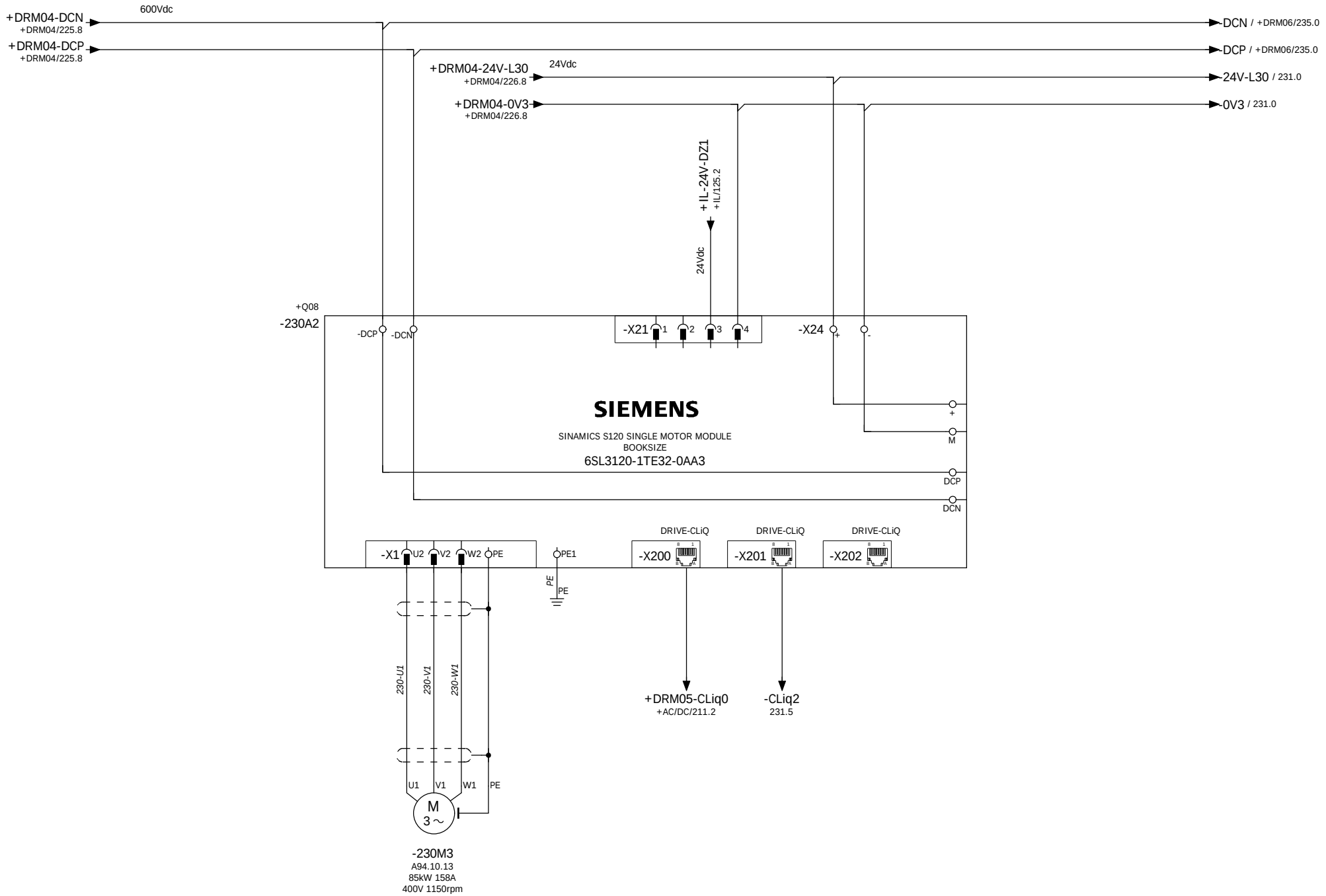
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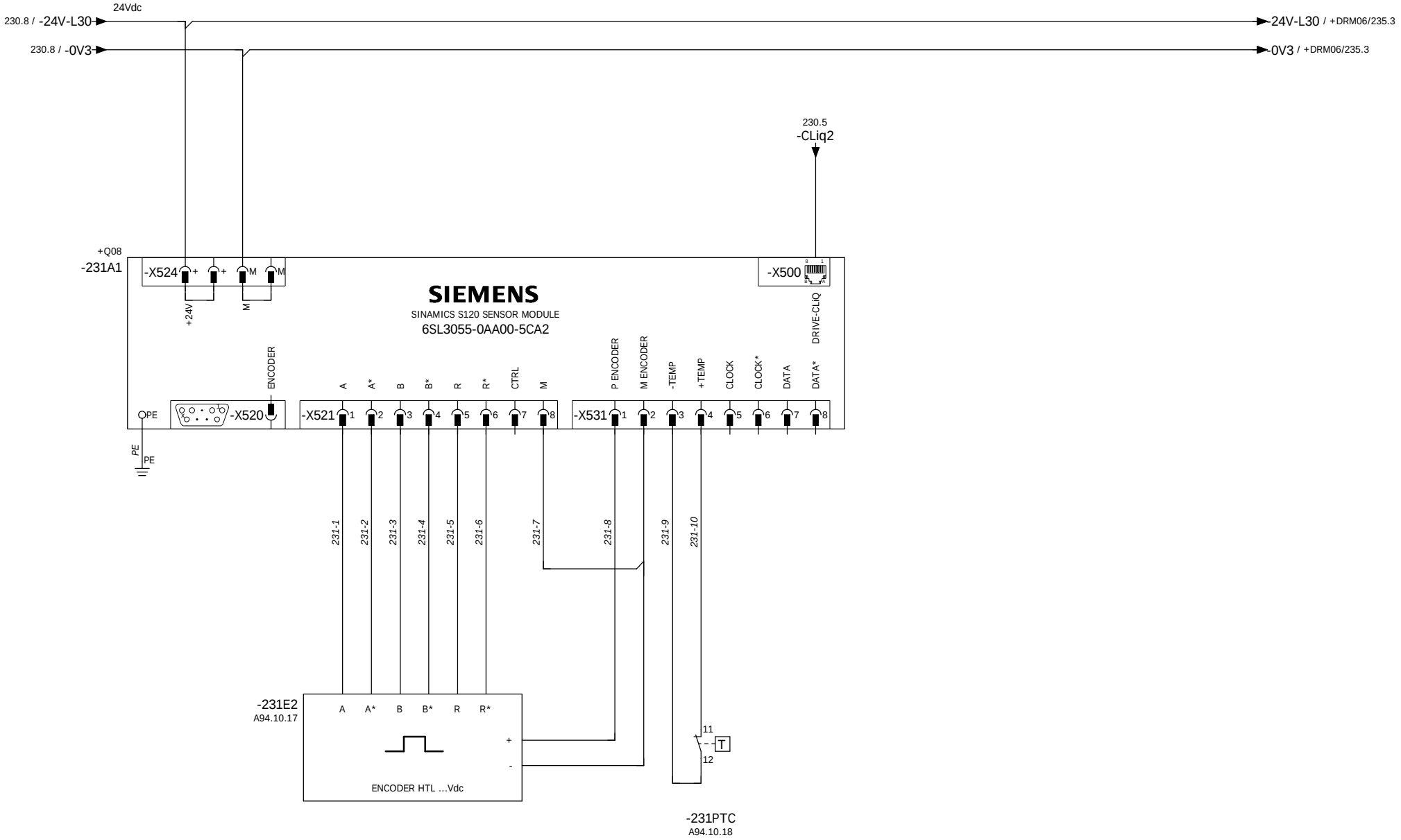
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

STRAIGHTENING - ROTATION

Descript.

NOVASTILMEC A94

Job Nr.

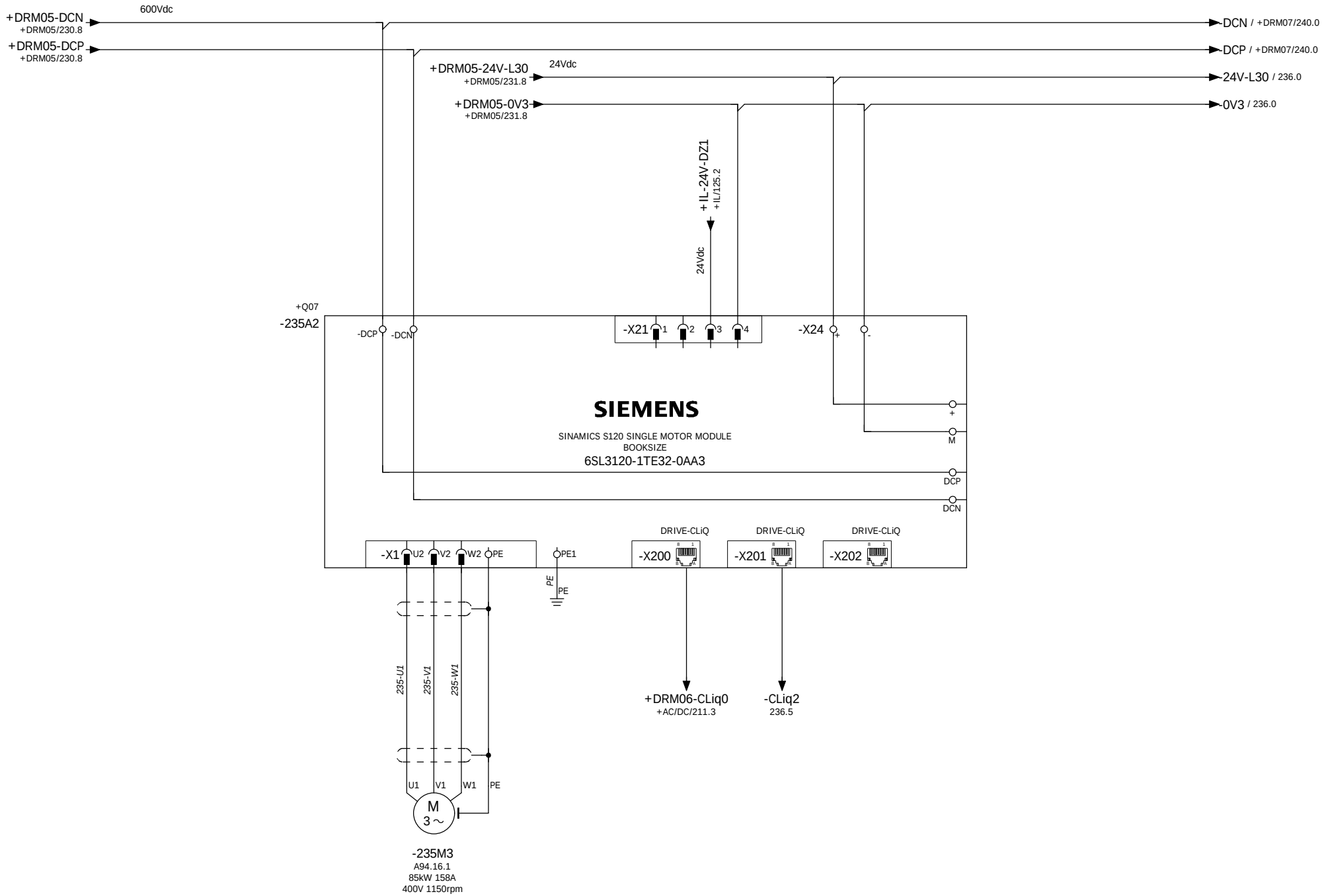
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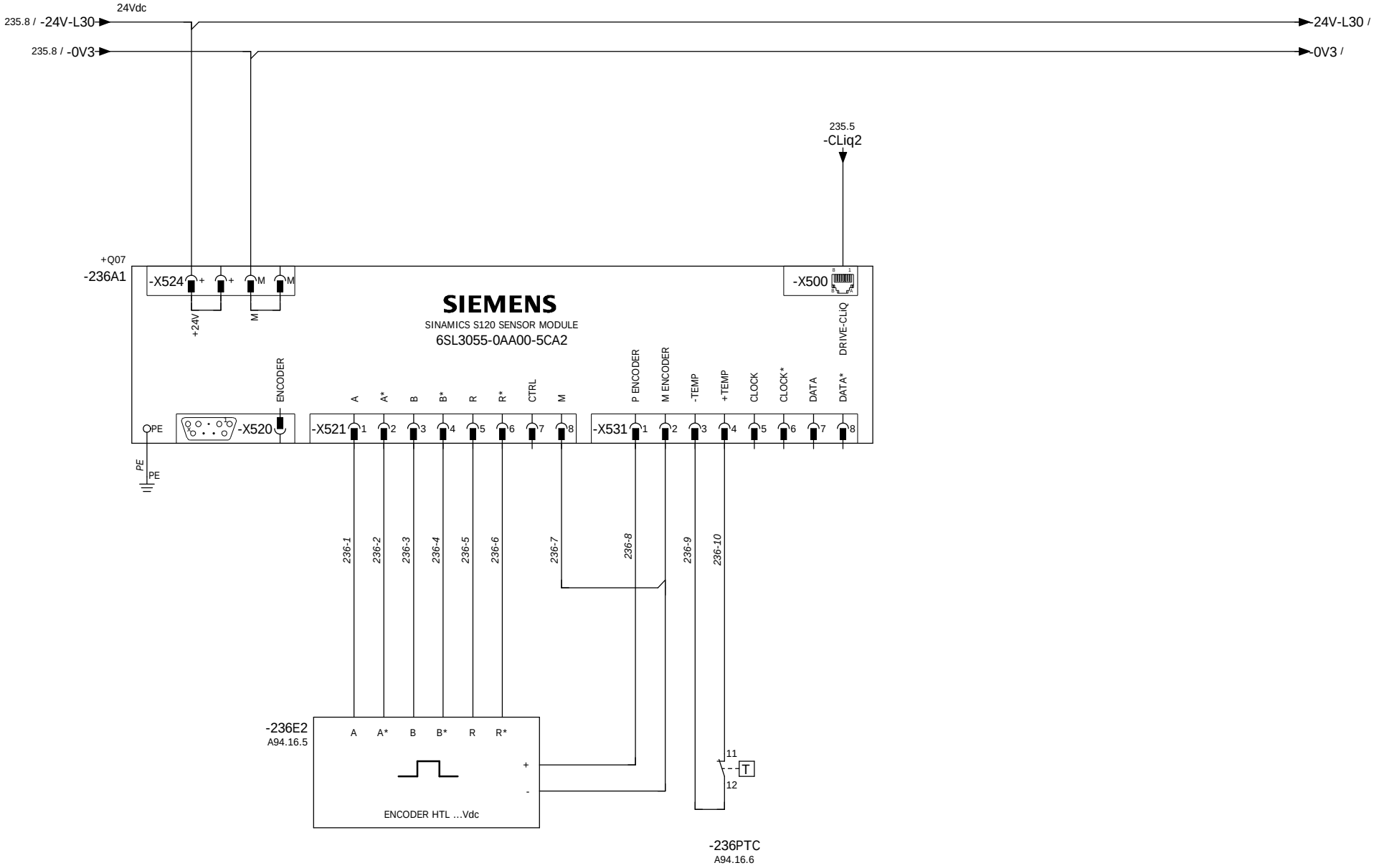
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GA-Tech

STRAIGHTENING - BLADE O.S. ROTATION

Descript.

NOVASTILMEC A94

Job Nr.

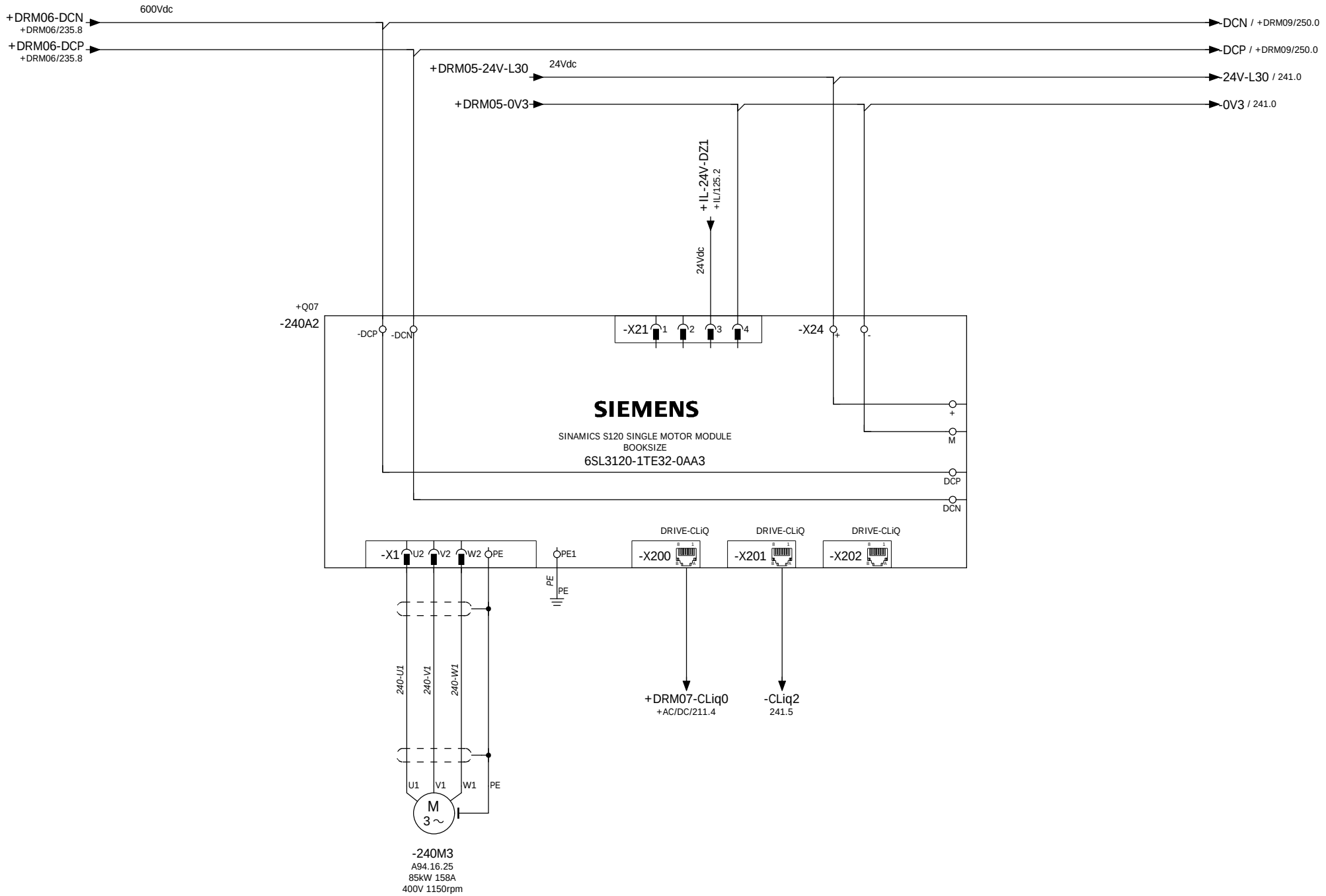
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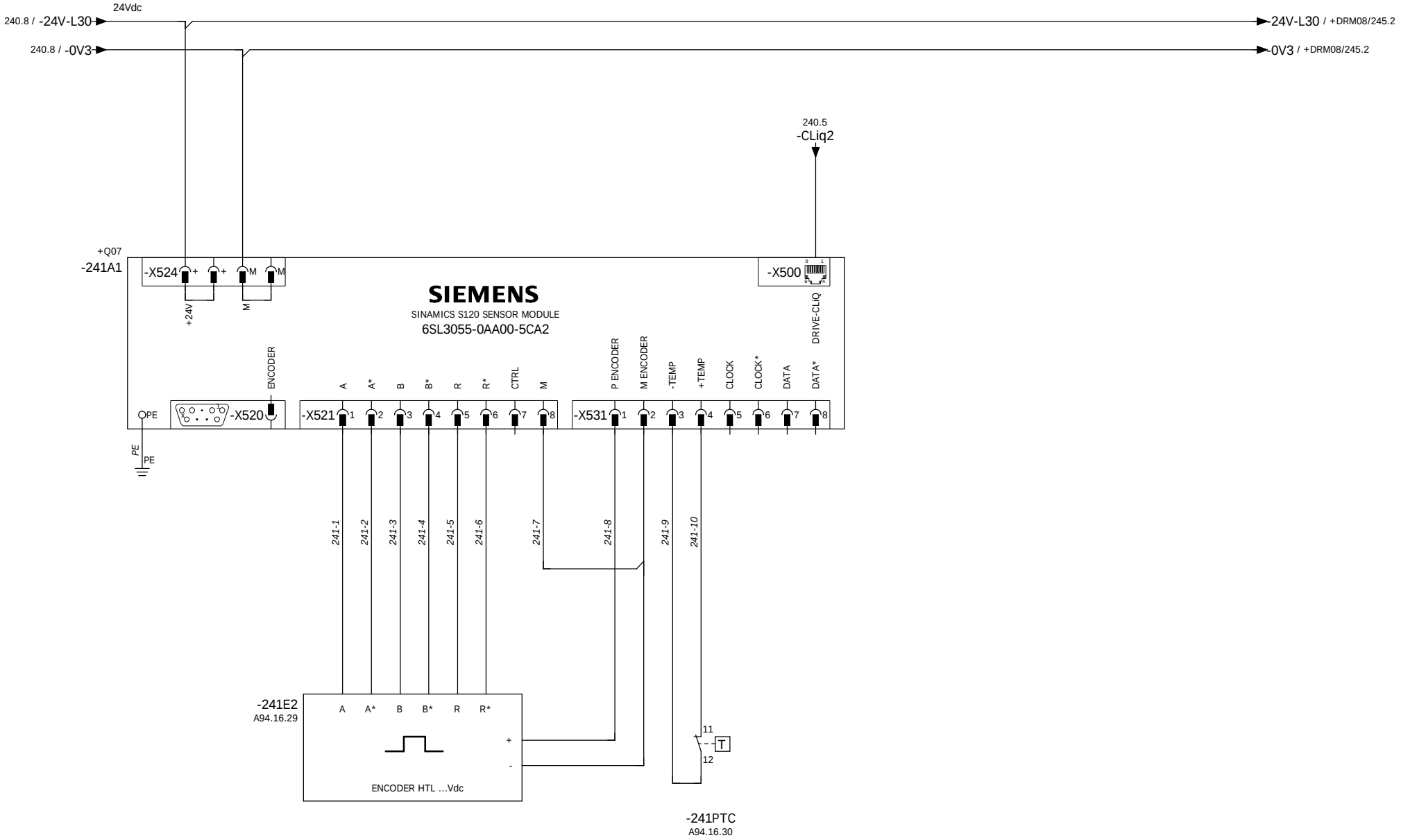
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				Drawn	TPM				+ **DRM07**
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STRAIGHTENING - BLADE M.S. ROTATION
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STRAIGHTENING - BLADE M.S. ROTATION
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

STRAIGHTENING - BLADE M.S. ROTATION
Descript.

NOVASTILMEC A94

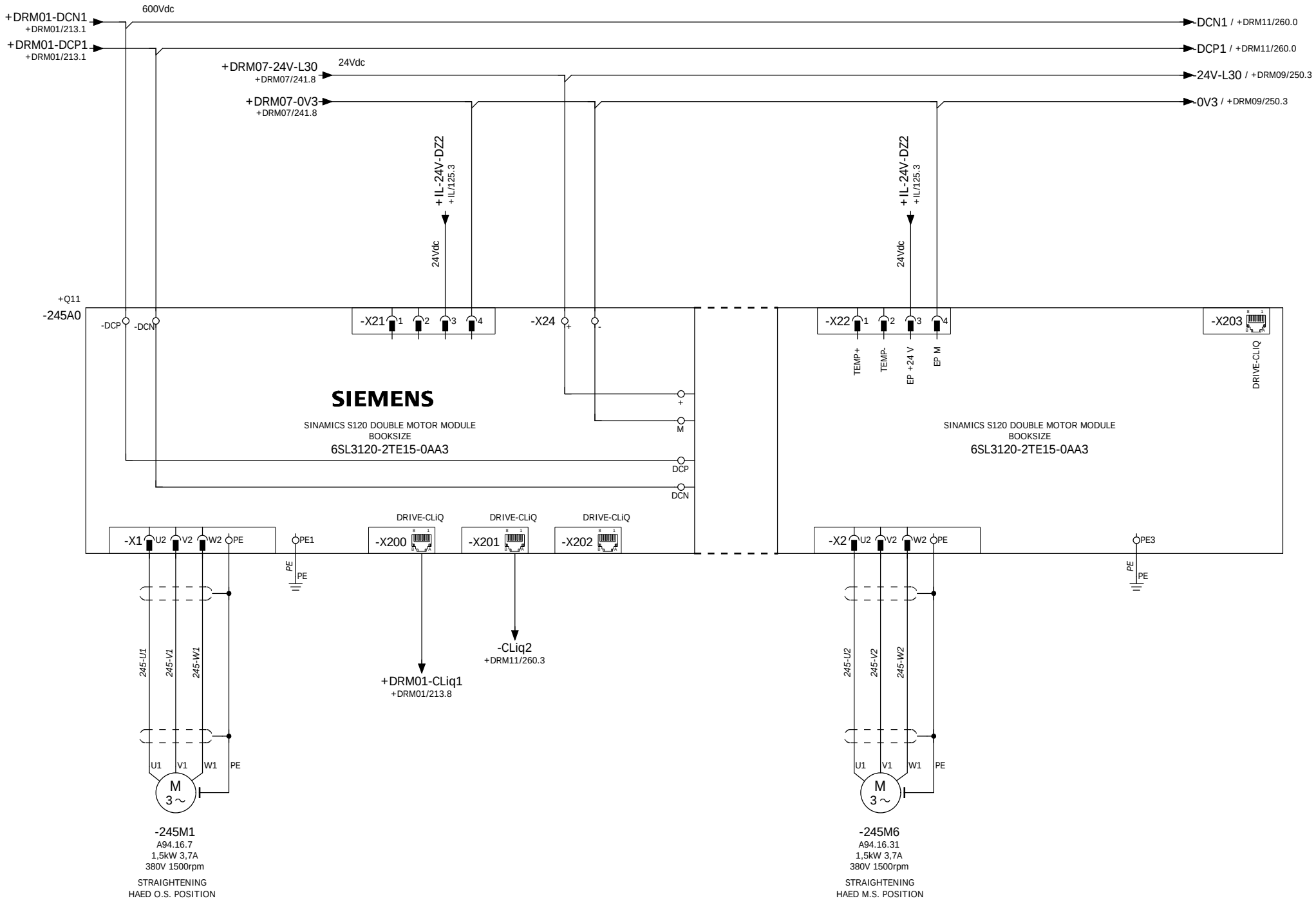
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GA-Tech

STRAIGHTENING - HAED O.S. / M.S. POSITION

Descript.

NOVASTILMEC A94

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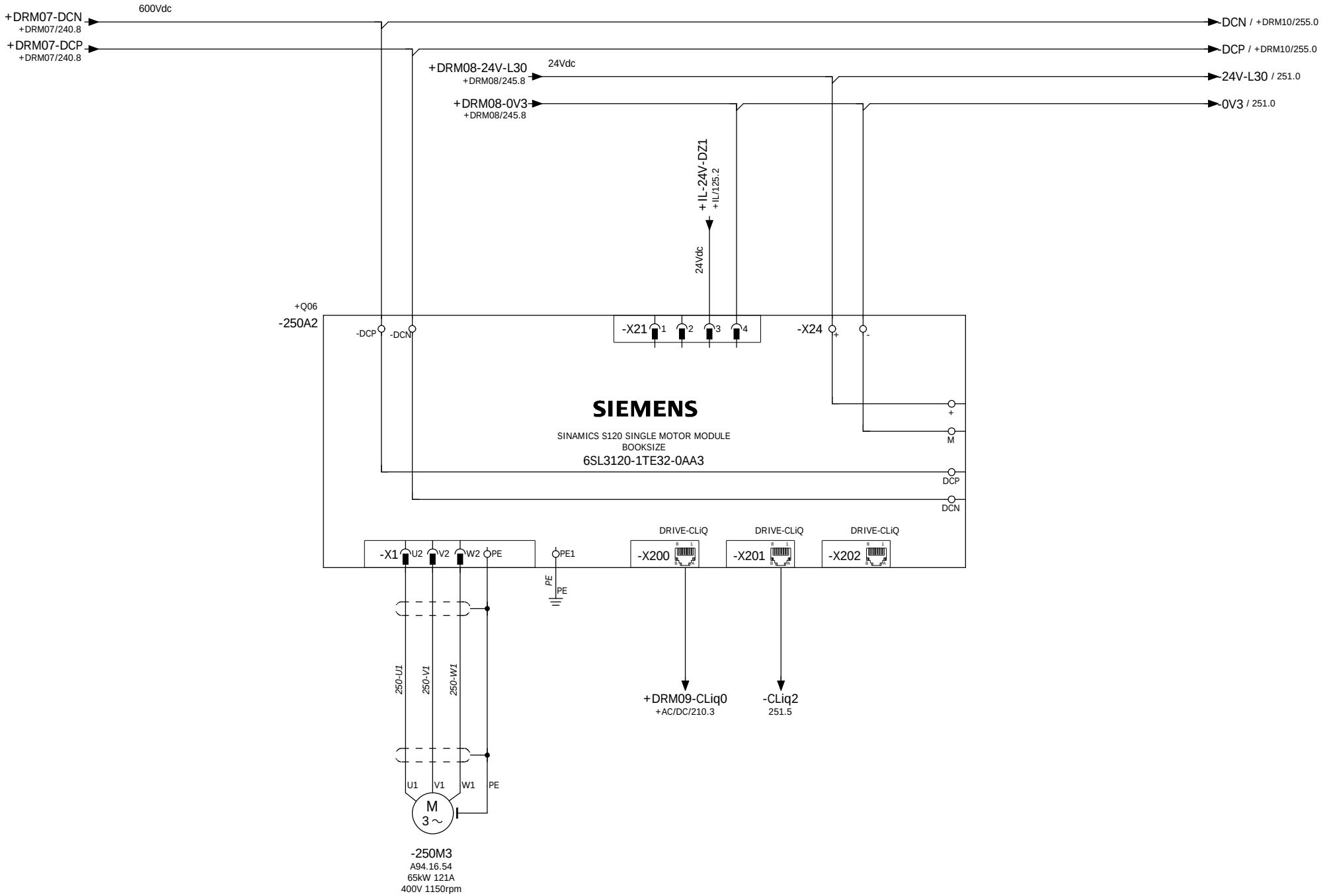
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SCRAP CUT - BLADE O.S. ROTATION

Descript.

NOVASTILMEC A94

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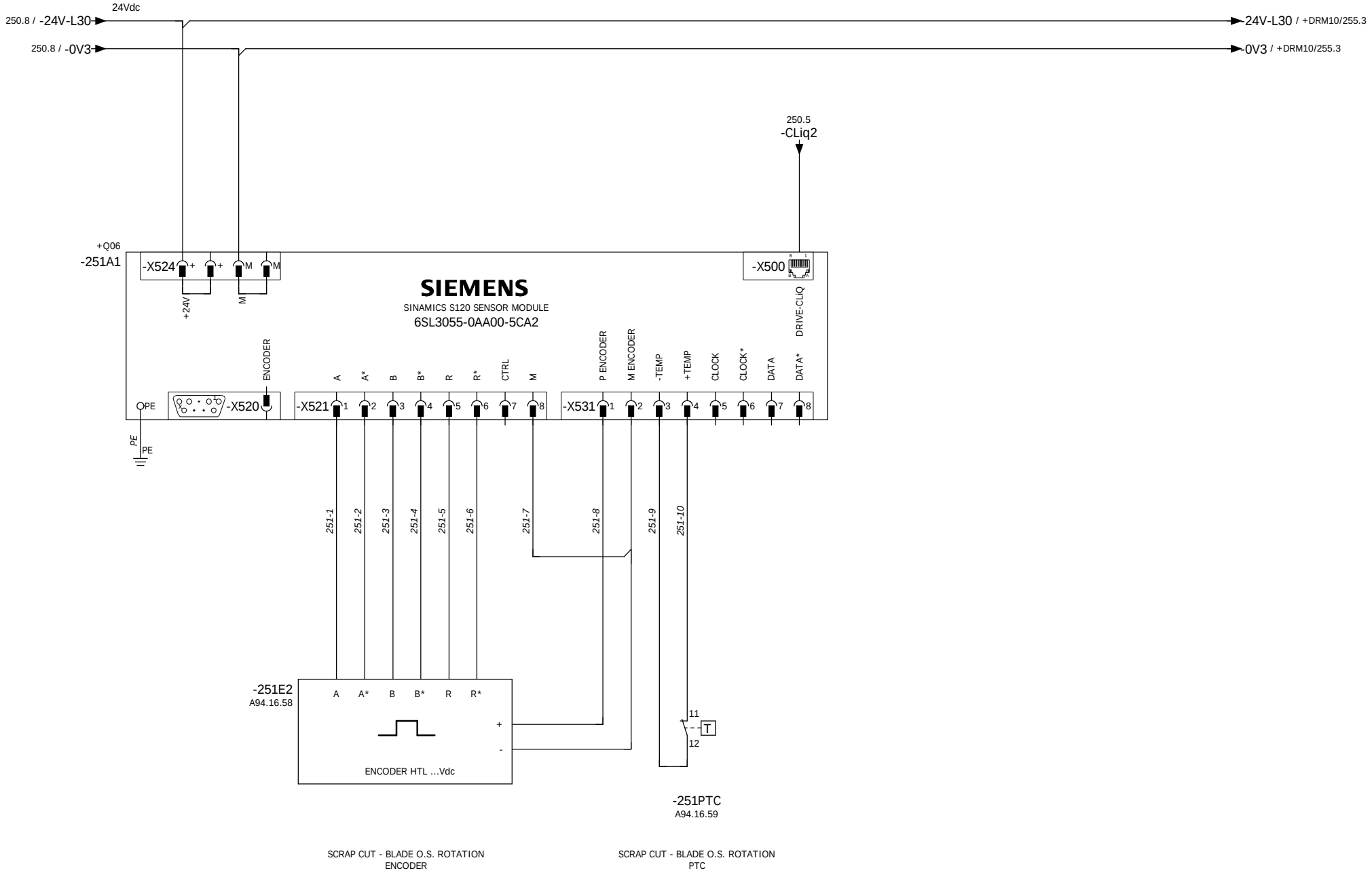
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SCRAP CUT - BLADE O.S. ROTATION

Descript.

NOVASTILMEC A94

Job Nr.

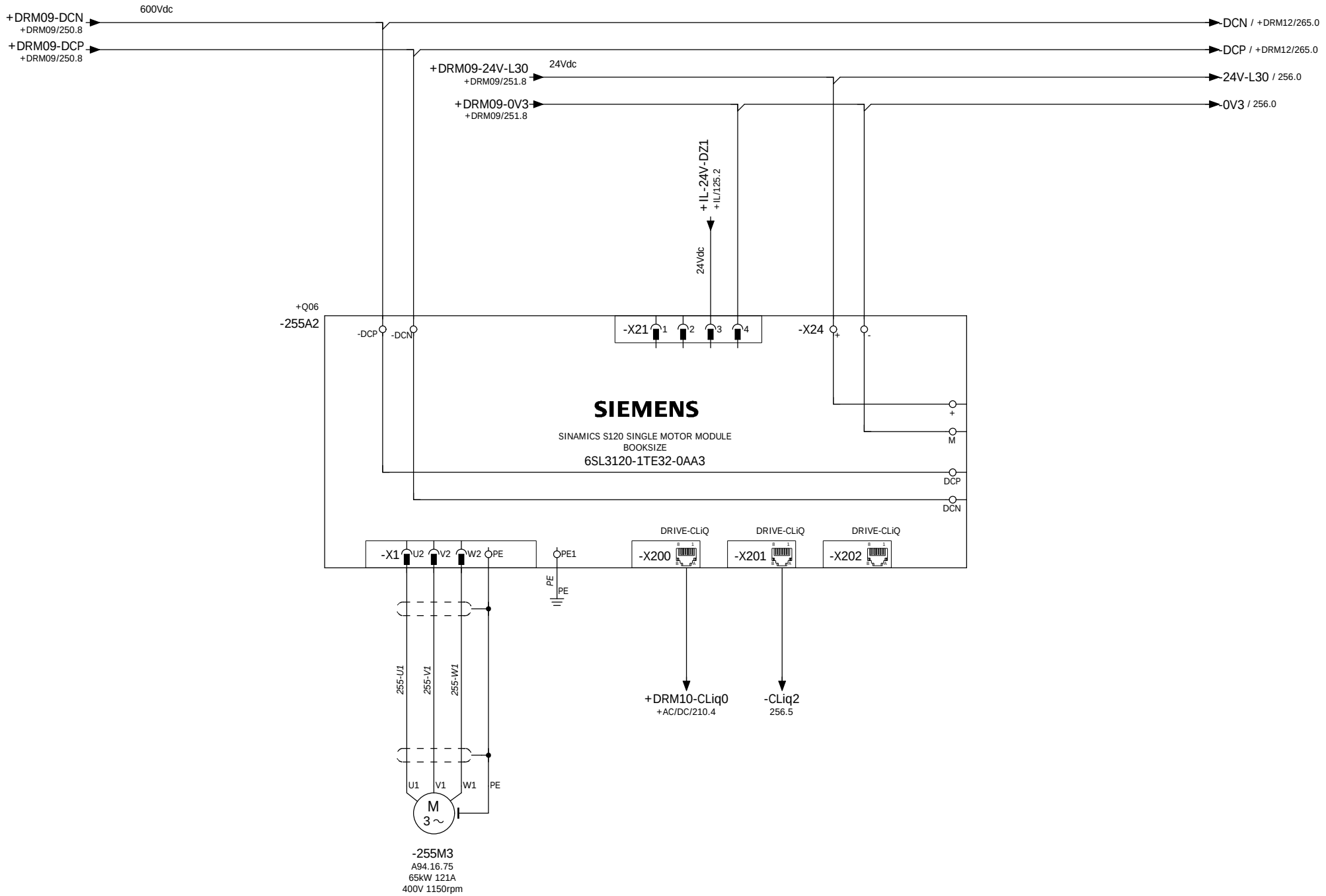
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GA-Tech

SCRAP CUT - BLADE M.S. ROTATION

Descript.

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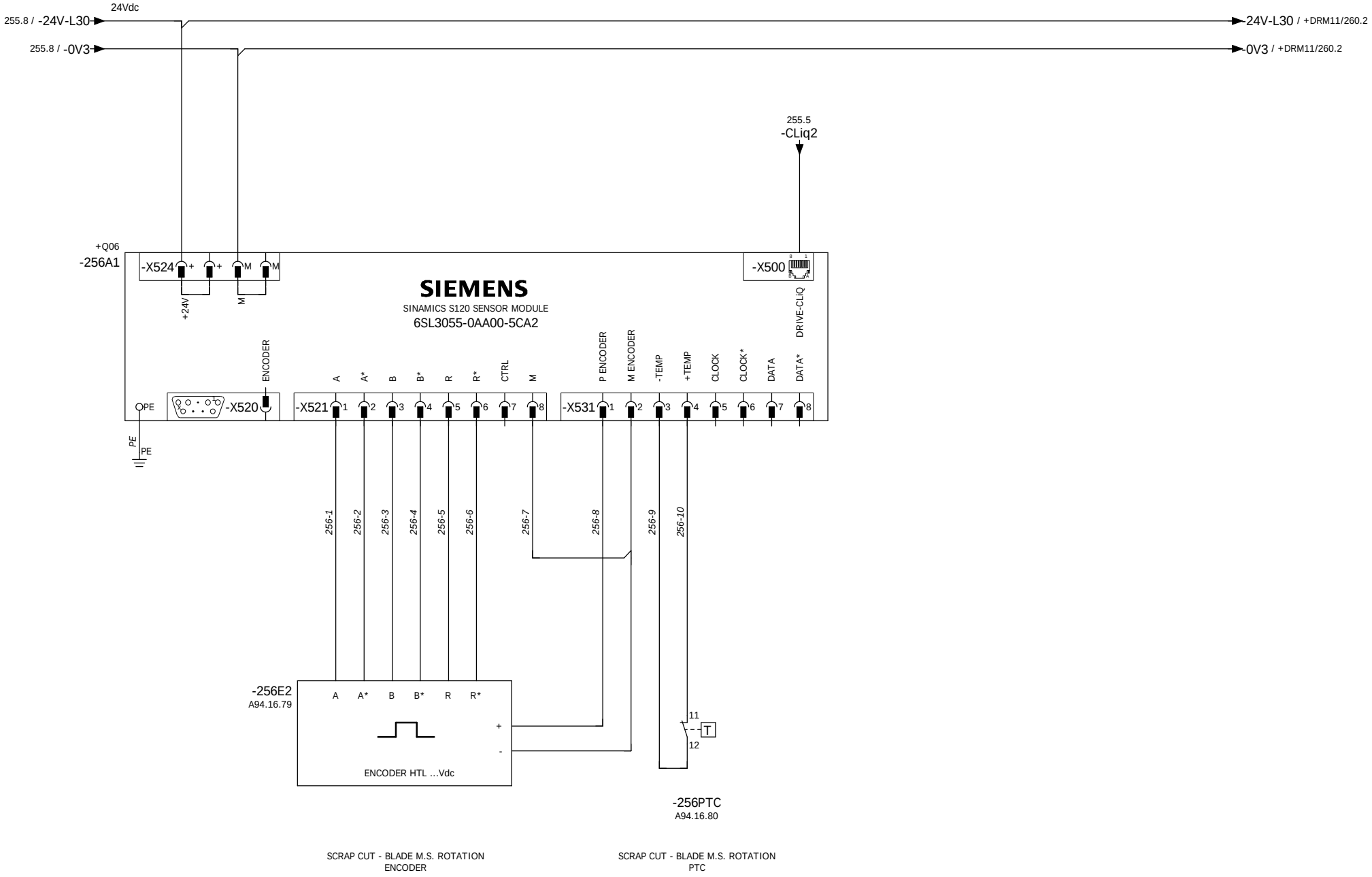
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SCRAP CUT - BLADE M.S. ROTATION

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NOVASTILMEC A94

Job Nr.

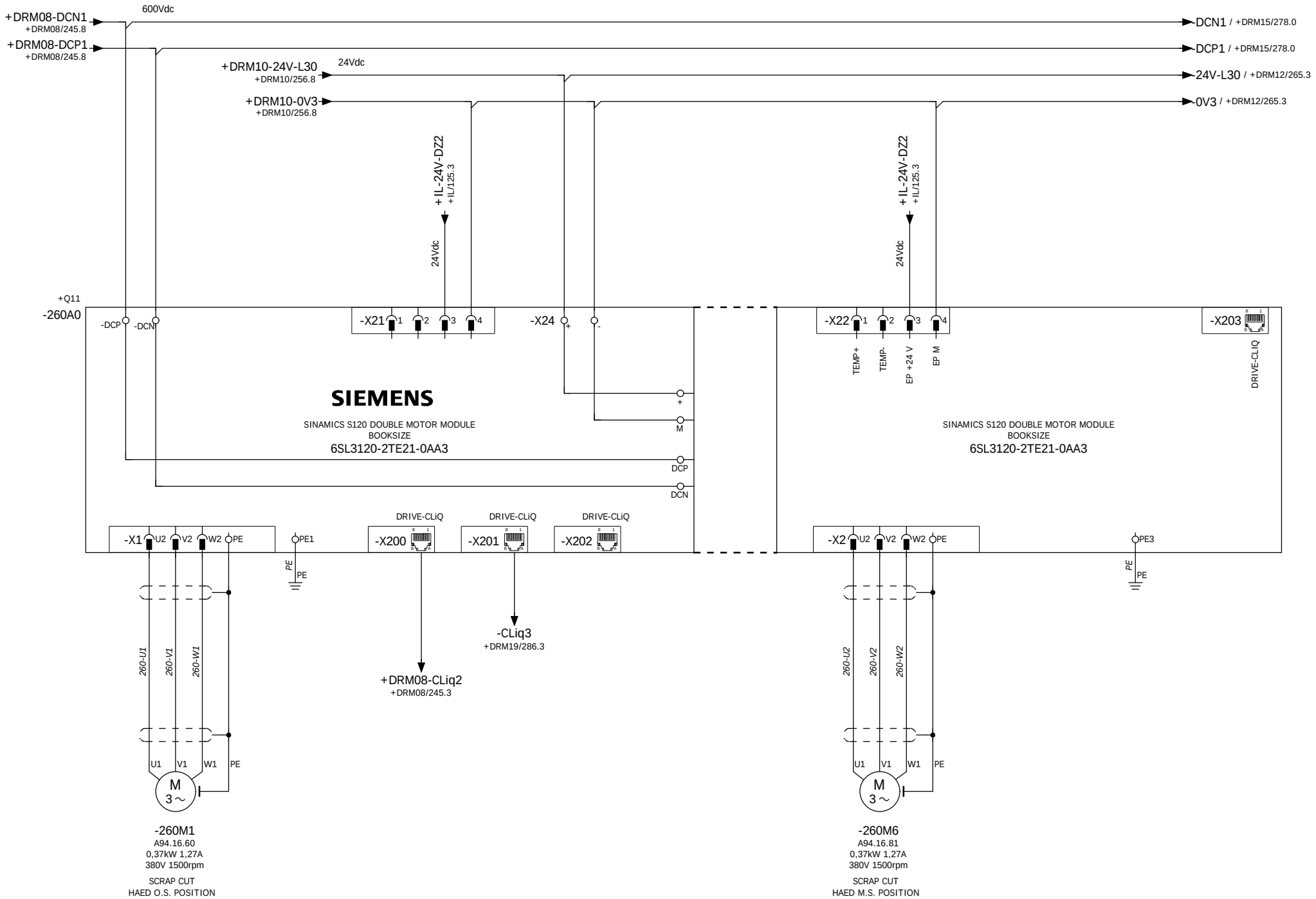
Dwg.Nr. A94

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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

SCRAP CUT - HAED O.S. / M.S. POSITION

Descript.

NOVASTILMEC A94

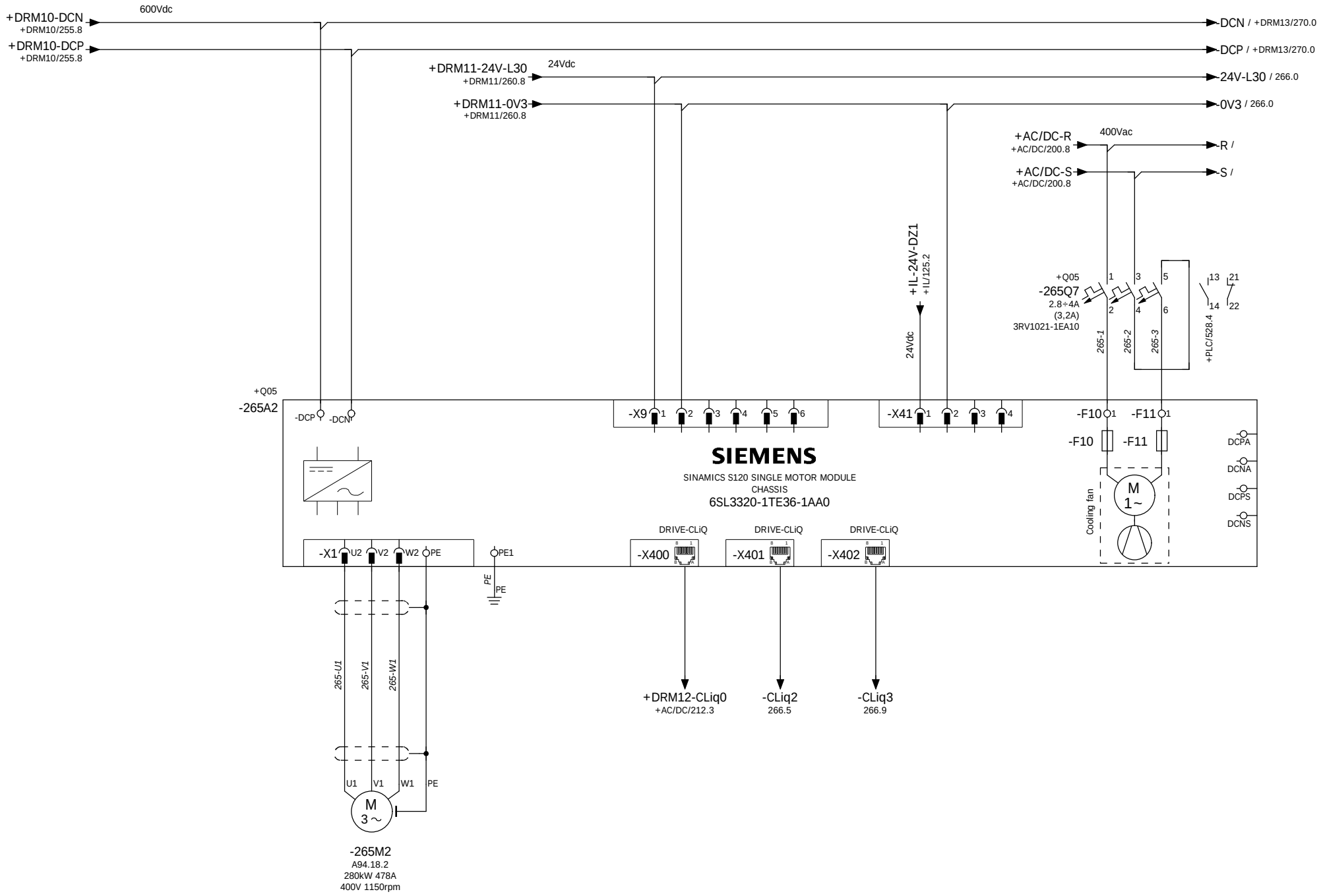
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

LEVELLER N°1 ROTATION

Descript.

NOVASTILMEC A94

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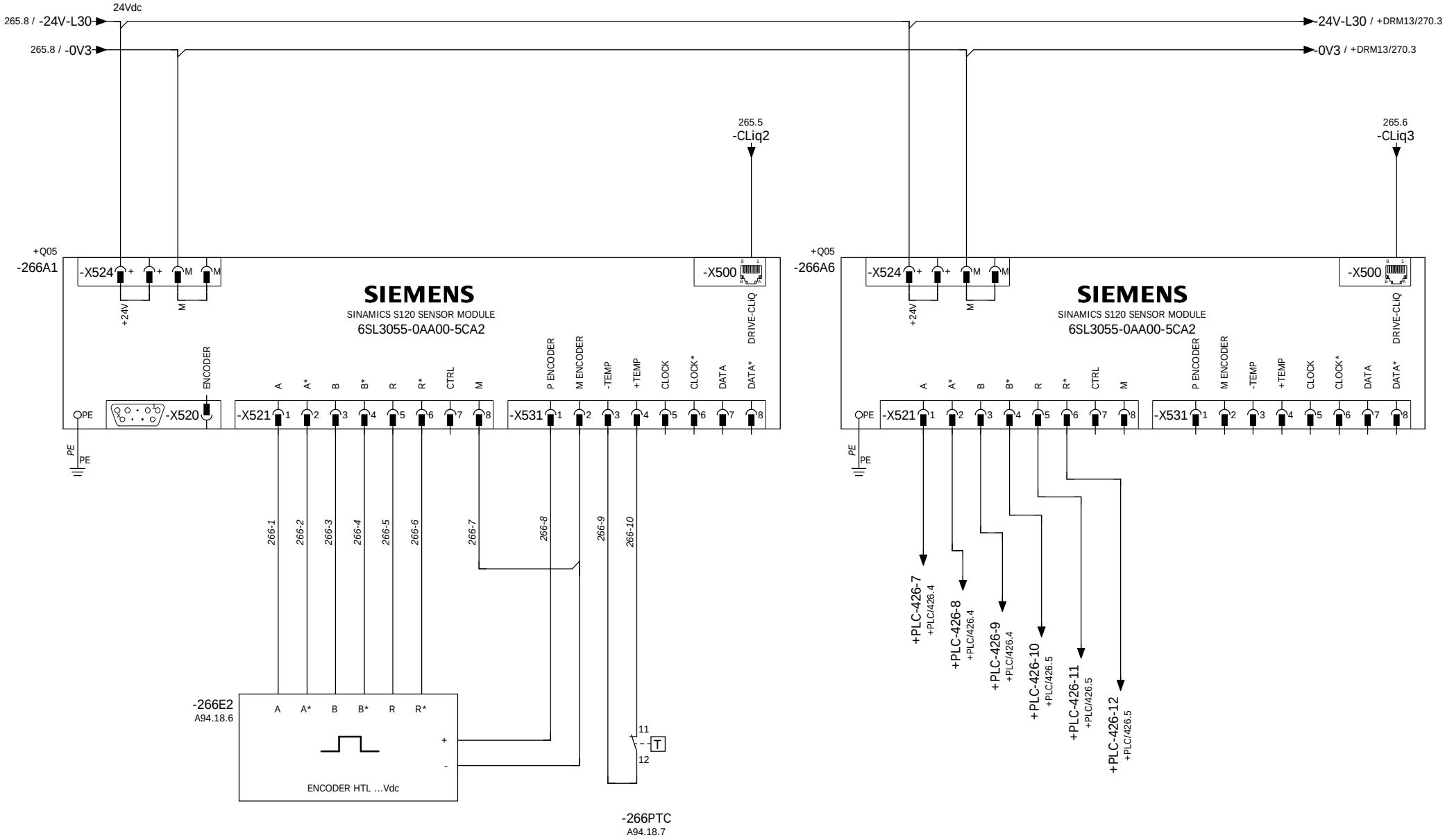
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

LEVELLER N°1 ROTATION

Descript.

NOVASTILMEC A94

Job Nr.

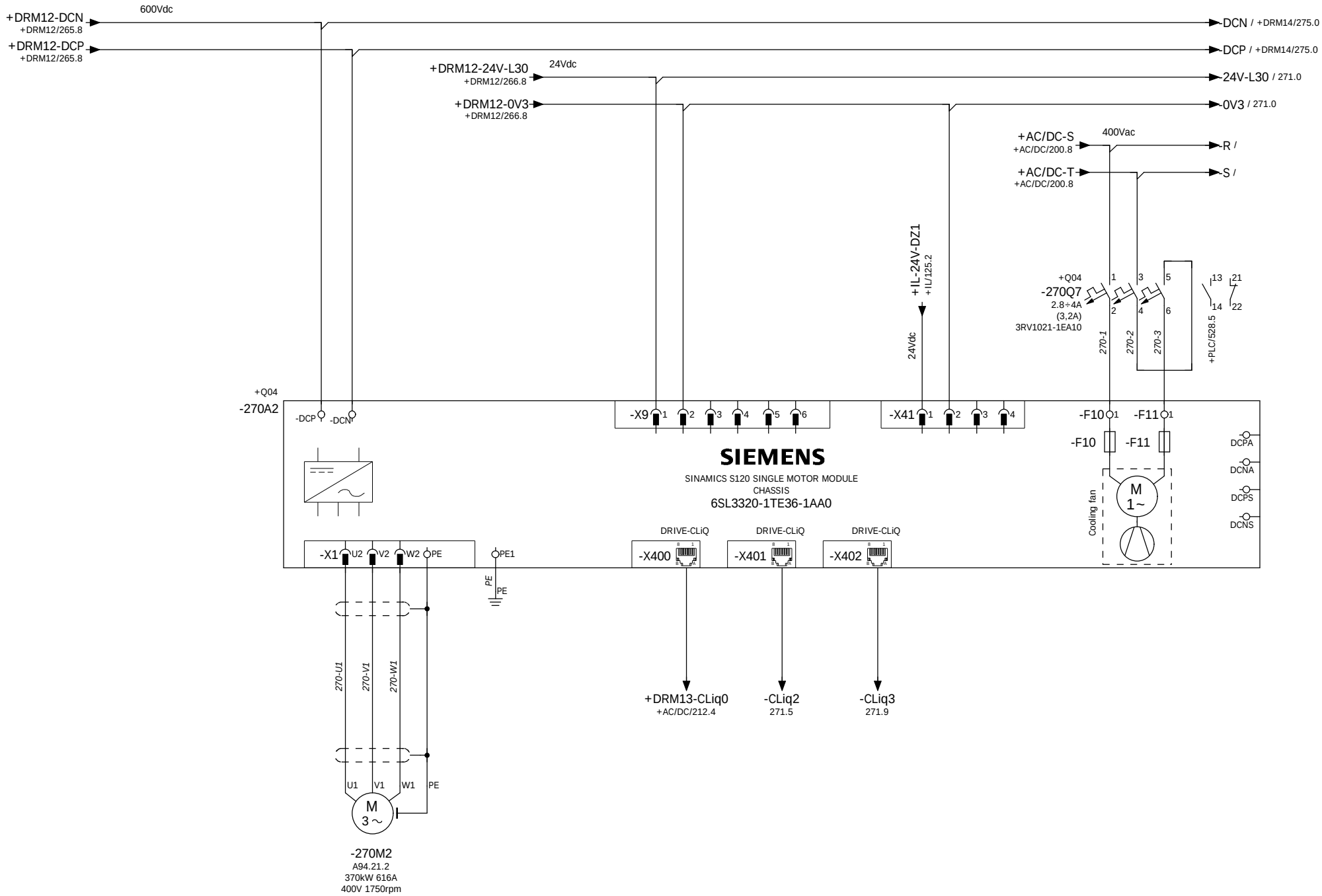
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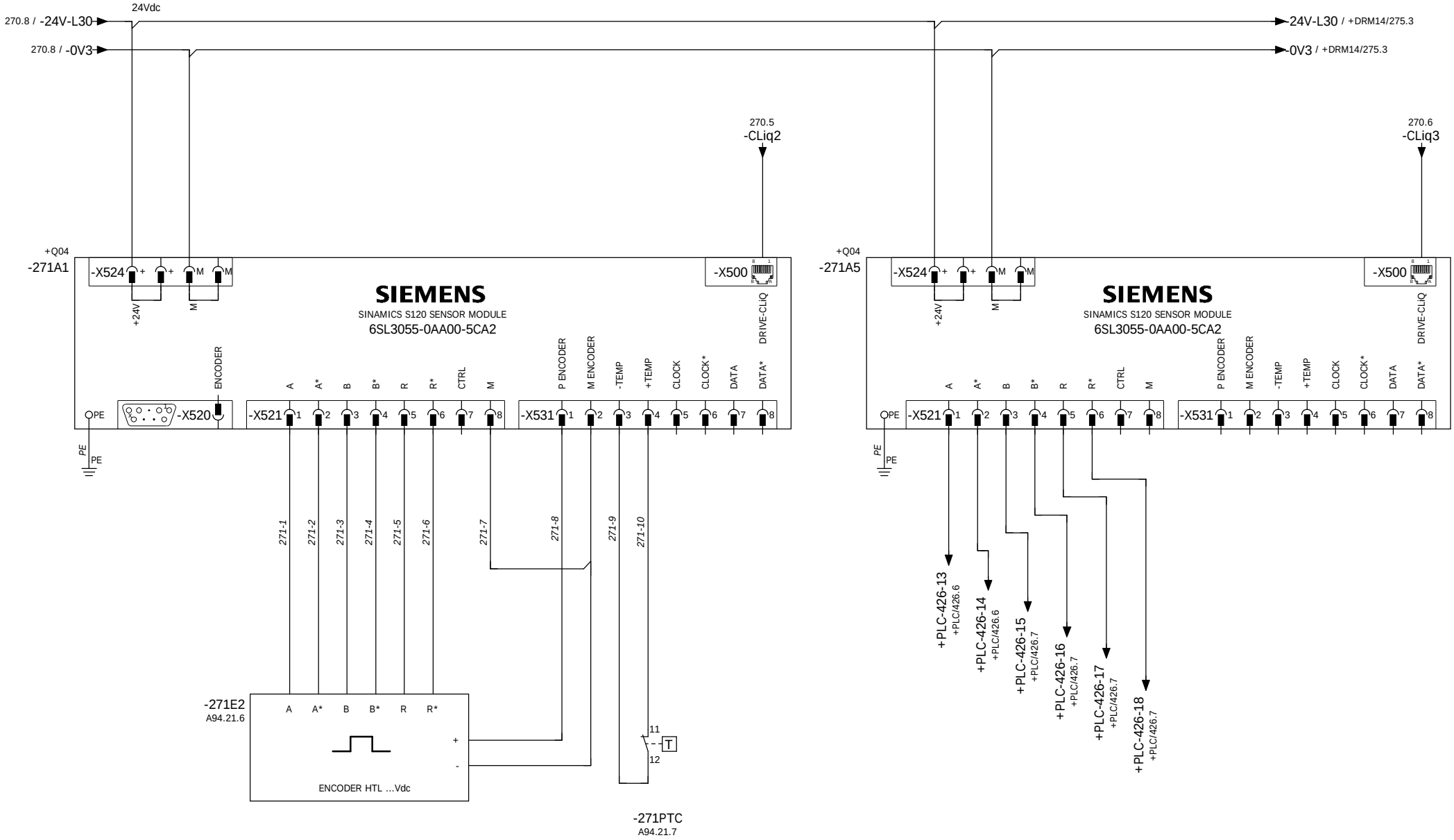
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				Drawn	TPM				
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Rev.	Descript.	Date	Name	Original				Descript.	

= A94	
+ **DRM13**	
Job Nr.	Dwg.Nr. A94
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LEVELLER N°2 ROTATION
ENCODER

LEVELLER N°2 ROTATION
PTC

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: LEVELLER N°2 ROTATION

NOVASTILMEC A94

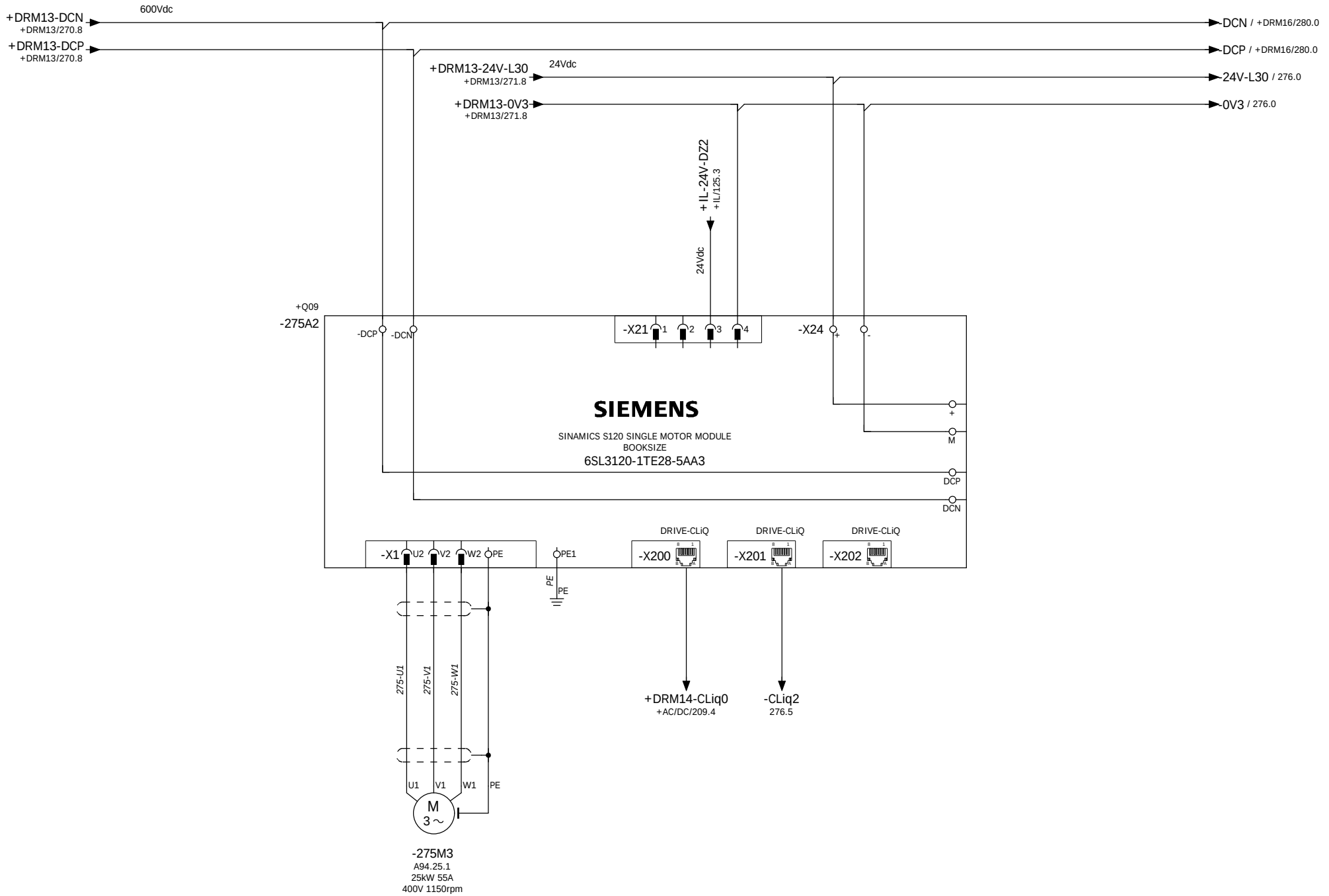
Job Nr.

Dwg.Nr.: A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLASTICIZING - ROLLS ROTATION

Descript.

NOVASTILMEC A94

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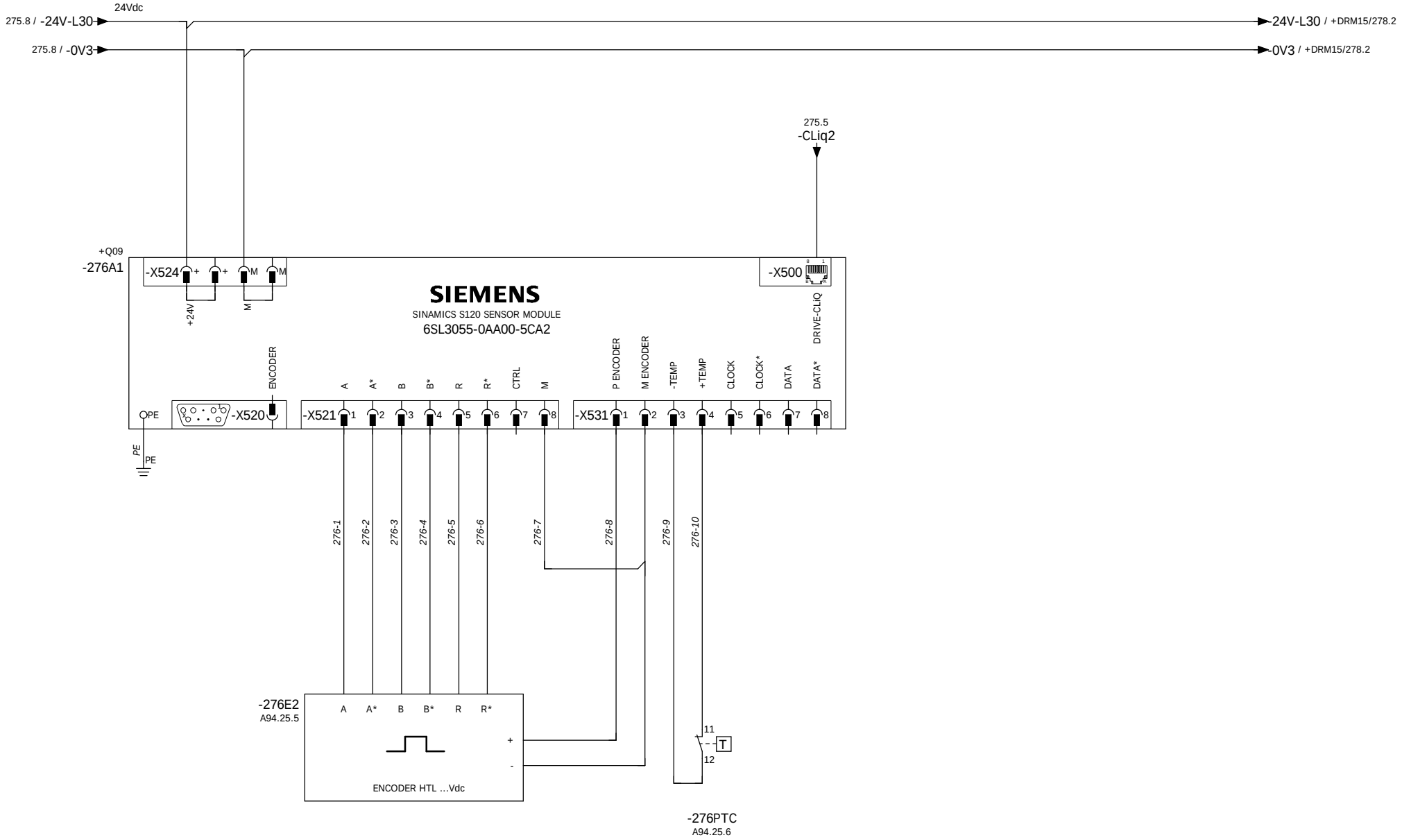
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLASTICIZING - ROLLS ROTATION

Descript.

NOVASTILMEC A94

Job Nr.

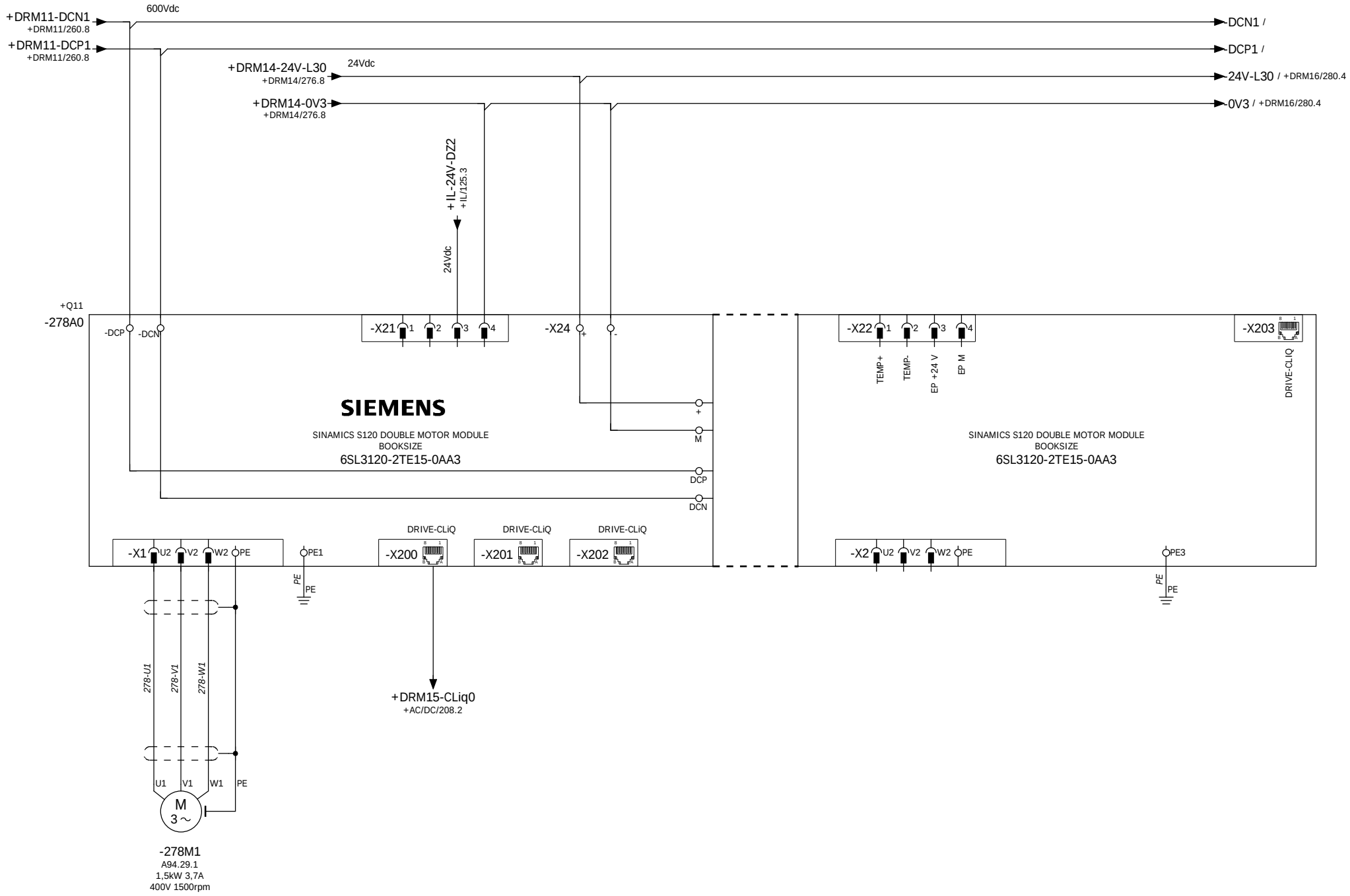
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

TAIL PINCH ROLL - SPARE

Descript.

NOVASTILMEC A94

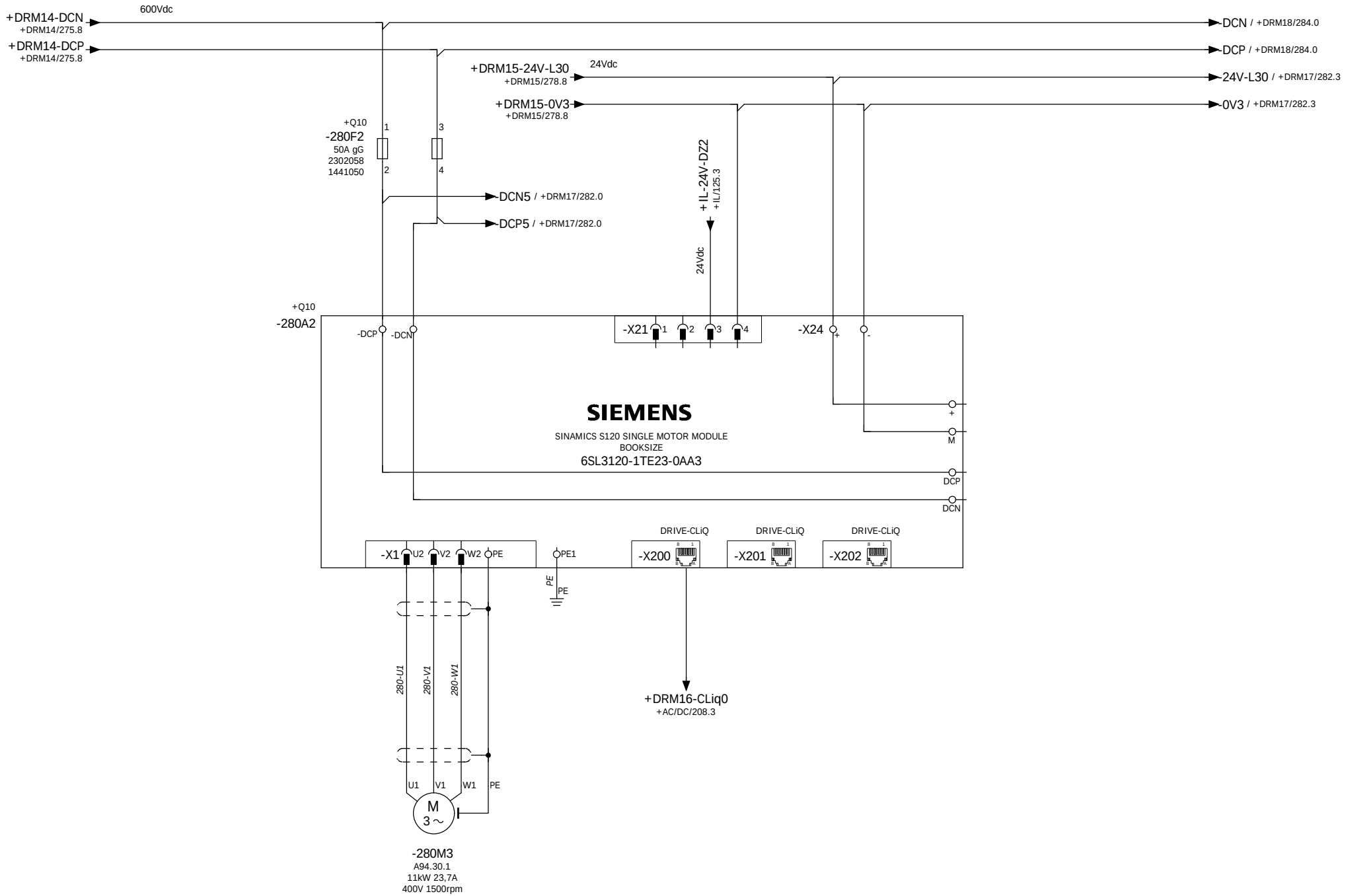
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

BELT CONVEYOR 1

Descript.

NOVASTILMEC A94

Job Nr.

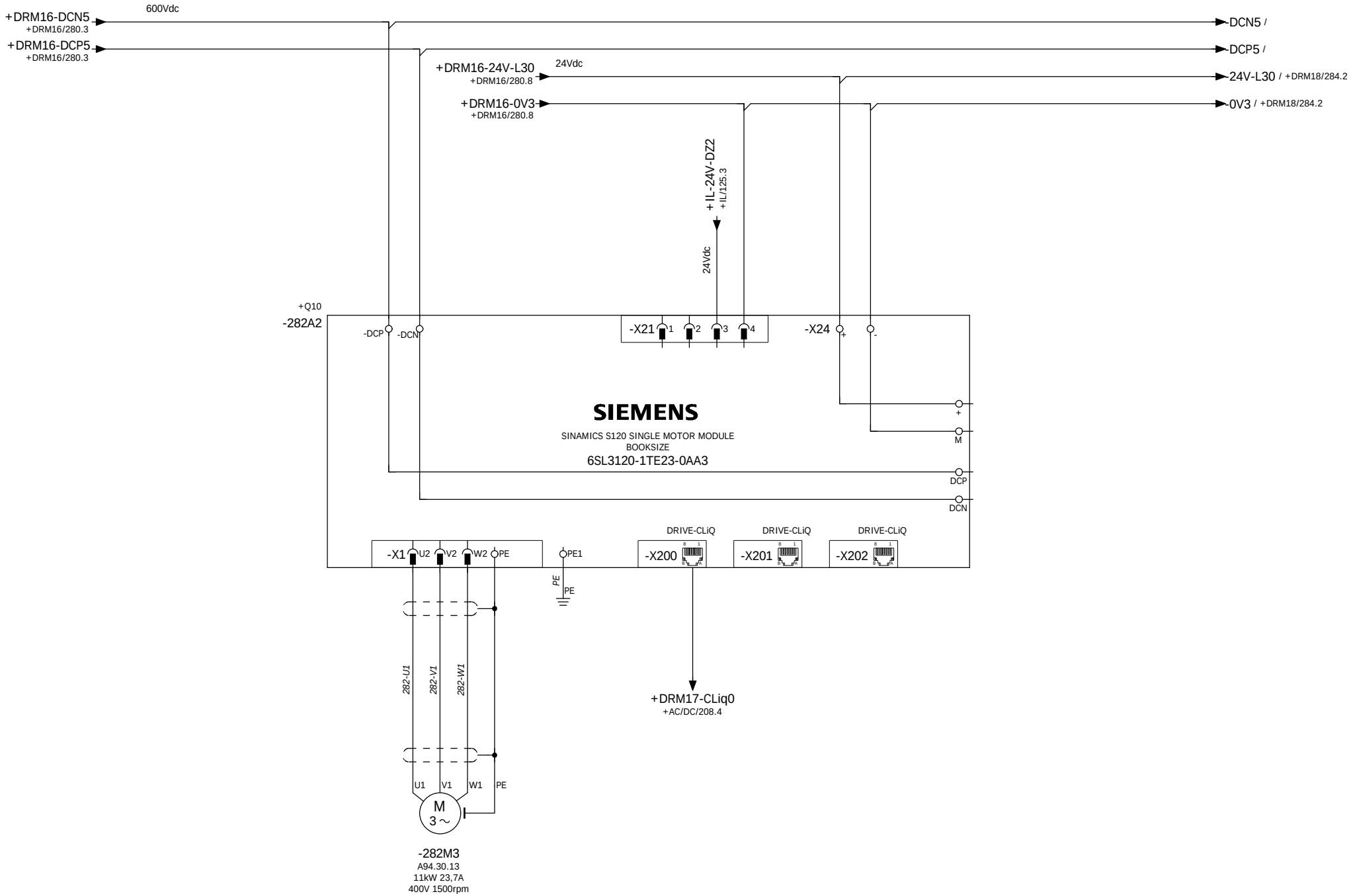
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

BELT CONVEYOR 2

Descript.

NOVASTILMEC A94

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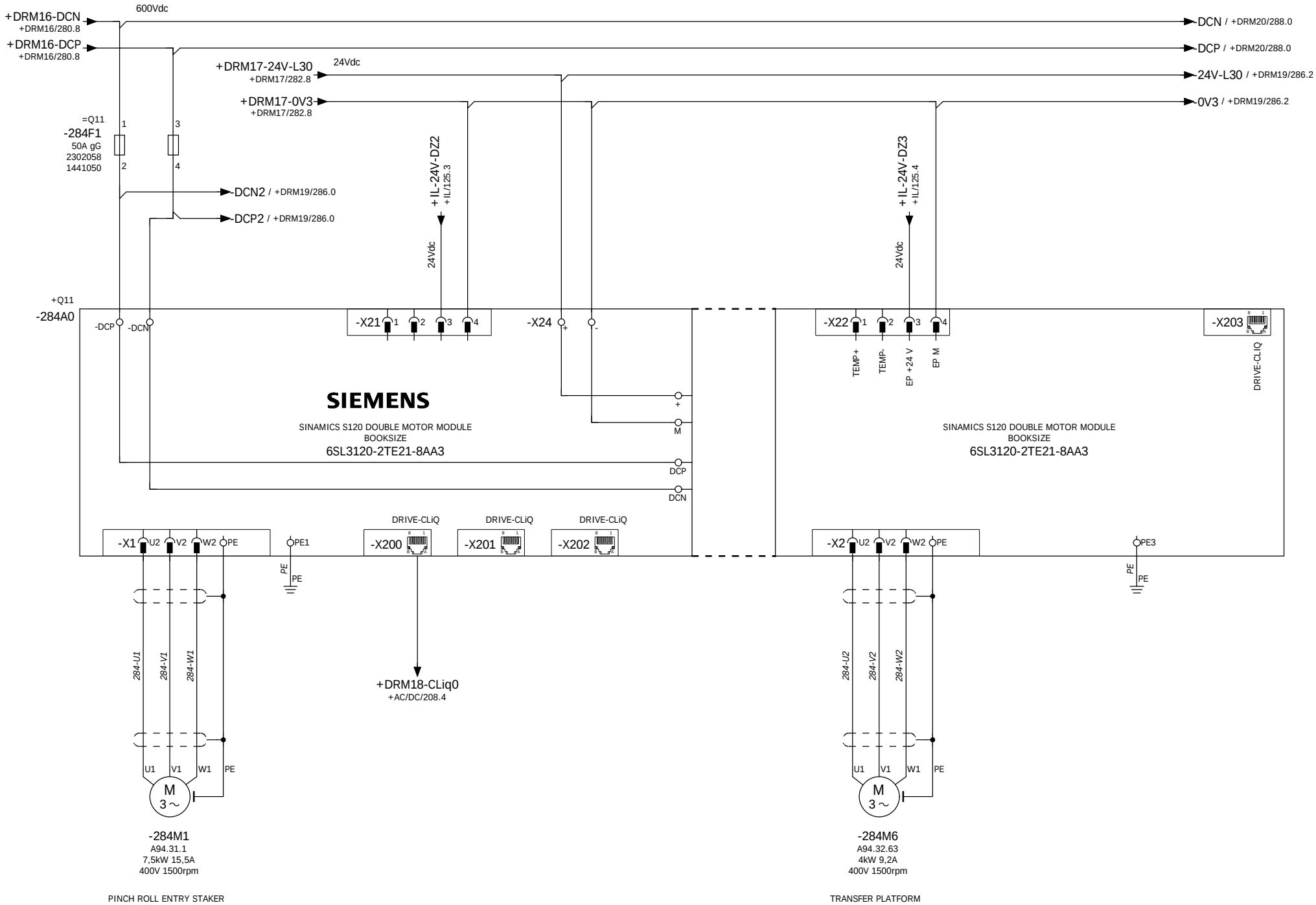
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Job Nr.

Dwg.Nr. A94

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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PINCH ROLL ENTRY STAKER
- TRANSFER PLATFORM

Descript.

NOVASTILMEC A94

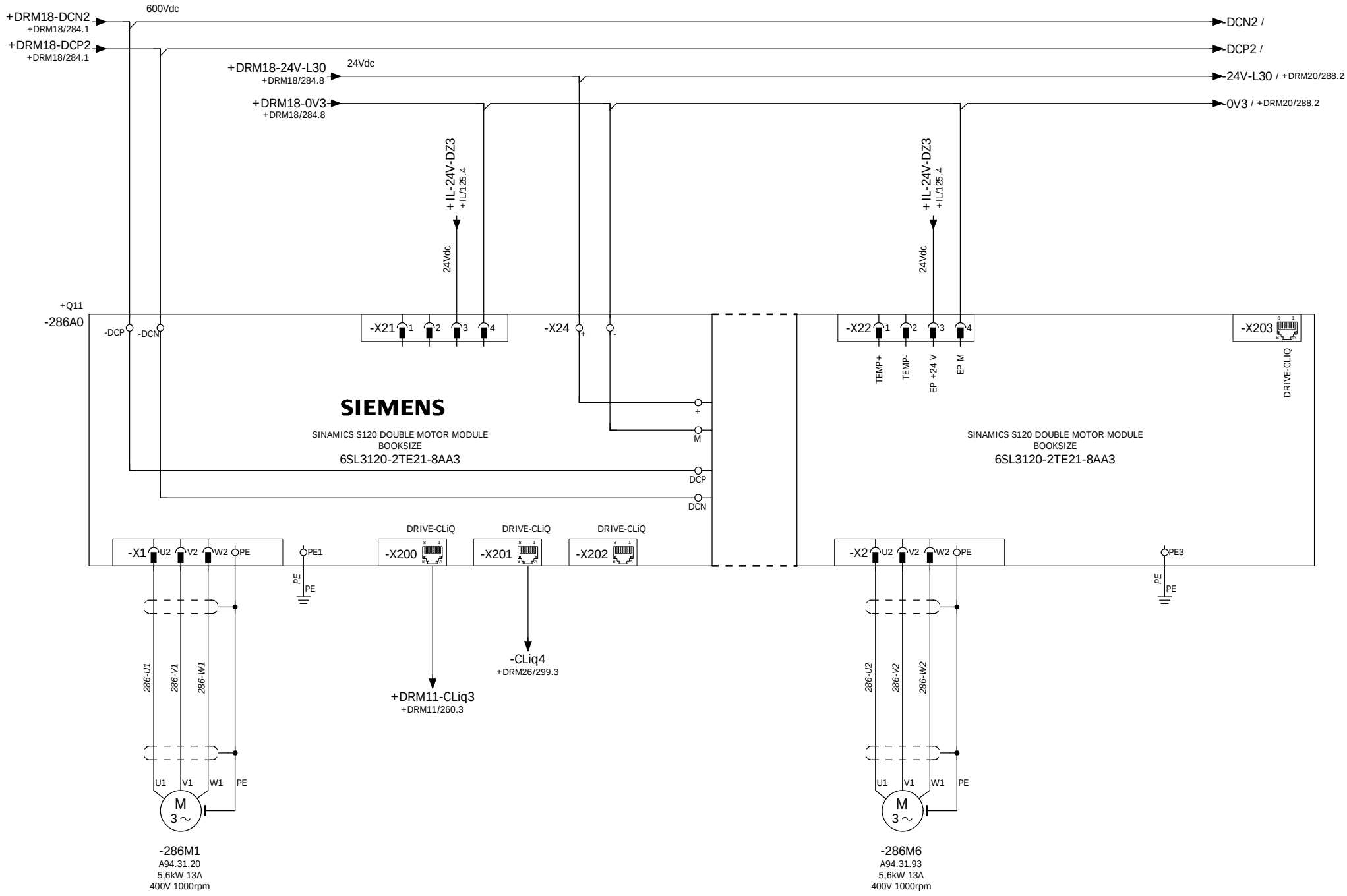
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+ **DRM18**

Job Nr.

Dwg.Nr. A94

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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

STACKER 1 / 2 - FLYWHEEL ROTATION

Descript.

NOVASTILMEC A94

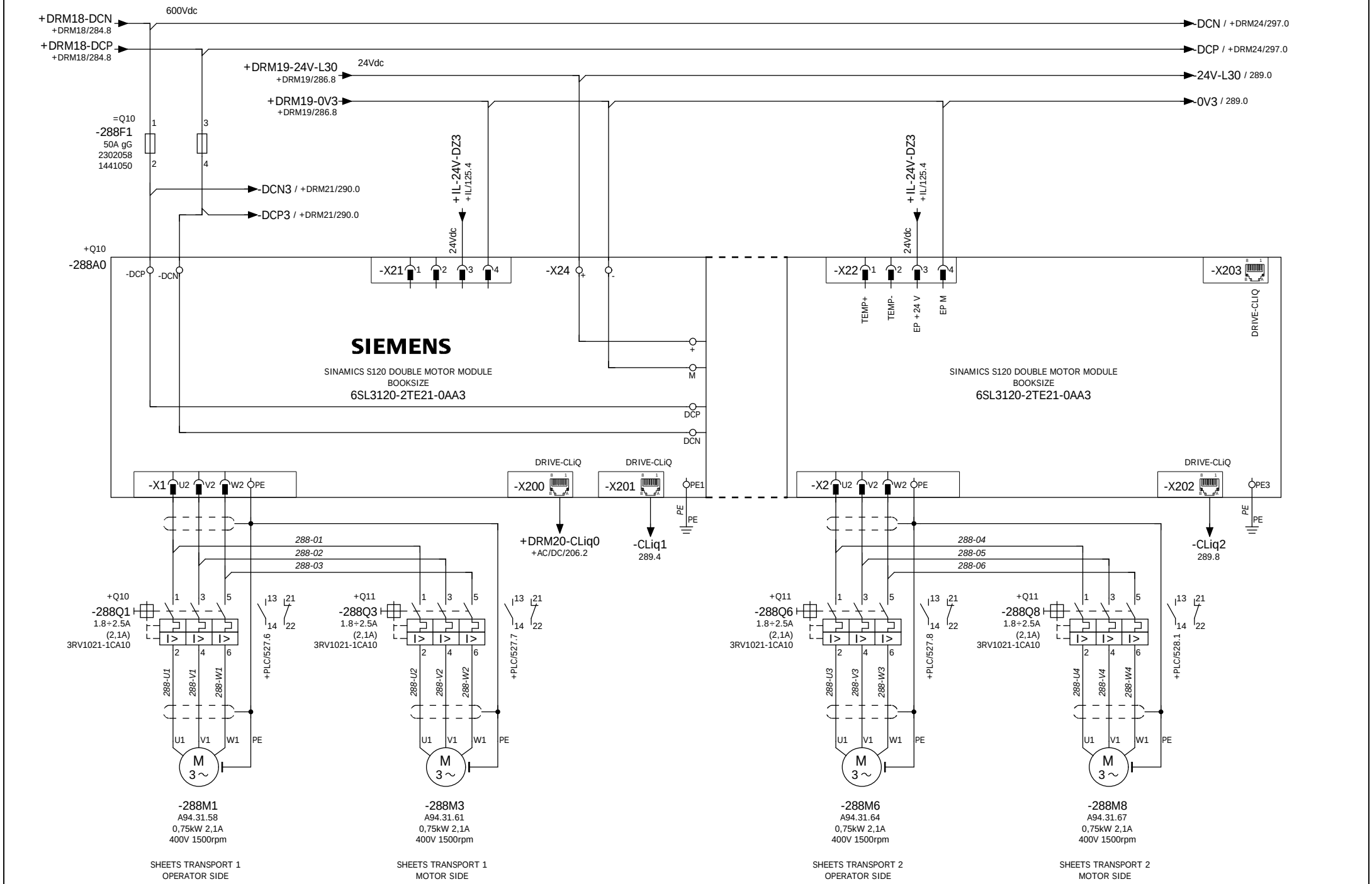
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: STACKER 1 TO 2
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SHEETS TRANSPORT 1/2 M.S.

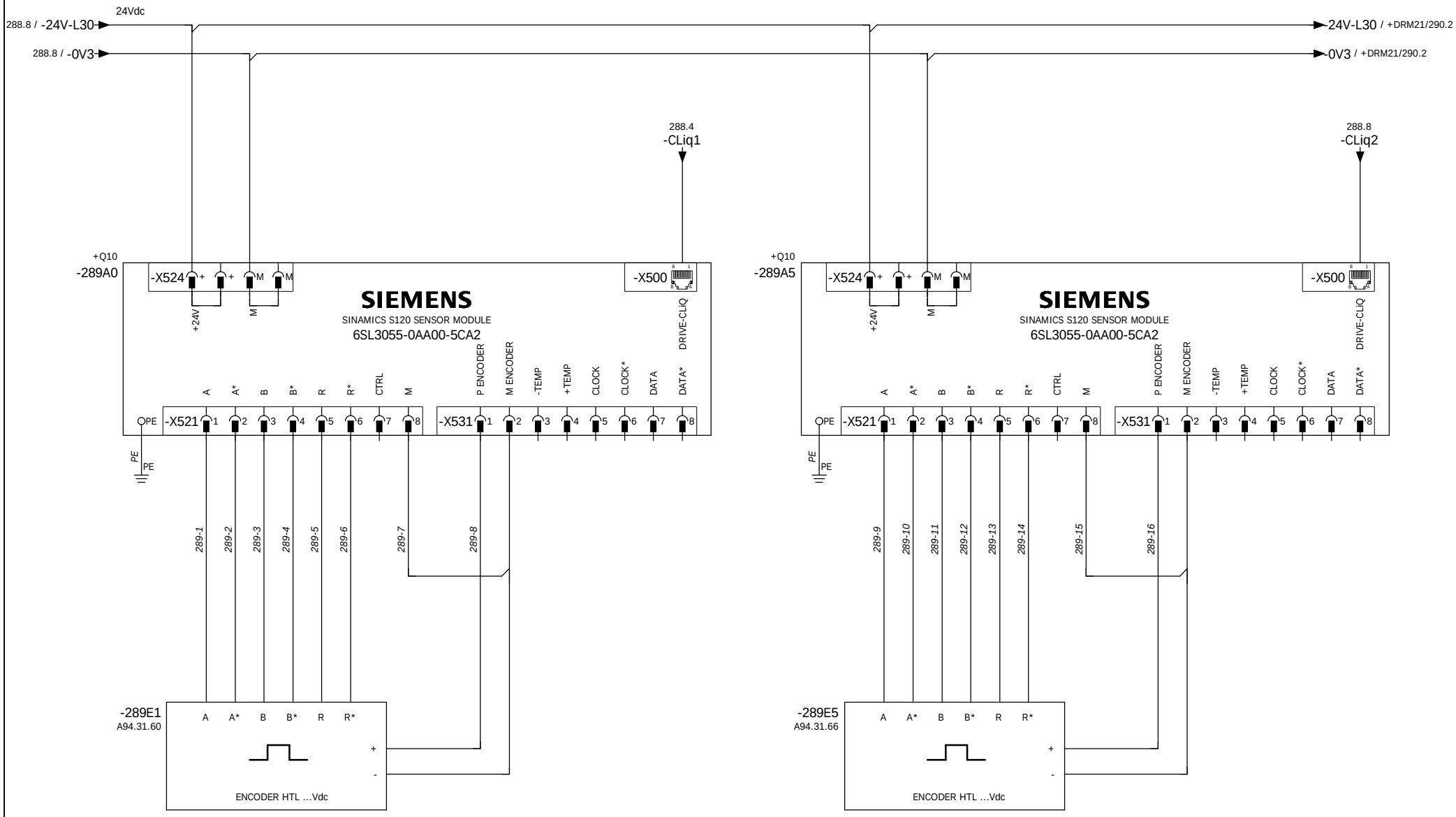
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

= A94
+ **DRM20**

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SHEETS TRANSPORT 1
OPERATOR SIDE
ENCODER

SHEETS TRANSPORT 2
OPERATOR SIDE
ENCODER

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: STACKER 2
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SHEETS TRANSPORT 1/2 M.S.

NOVASTILMEC A94

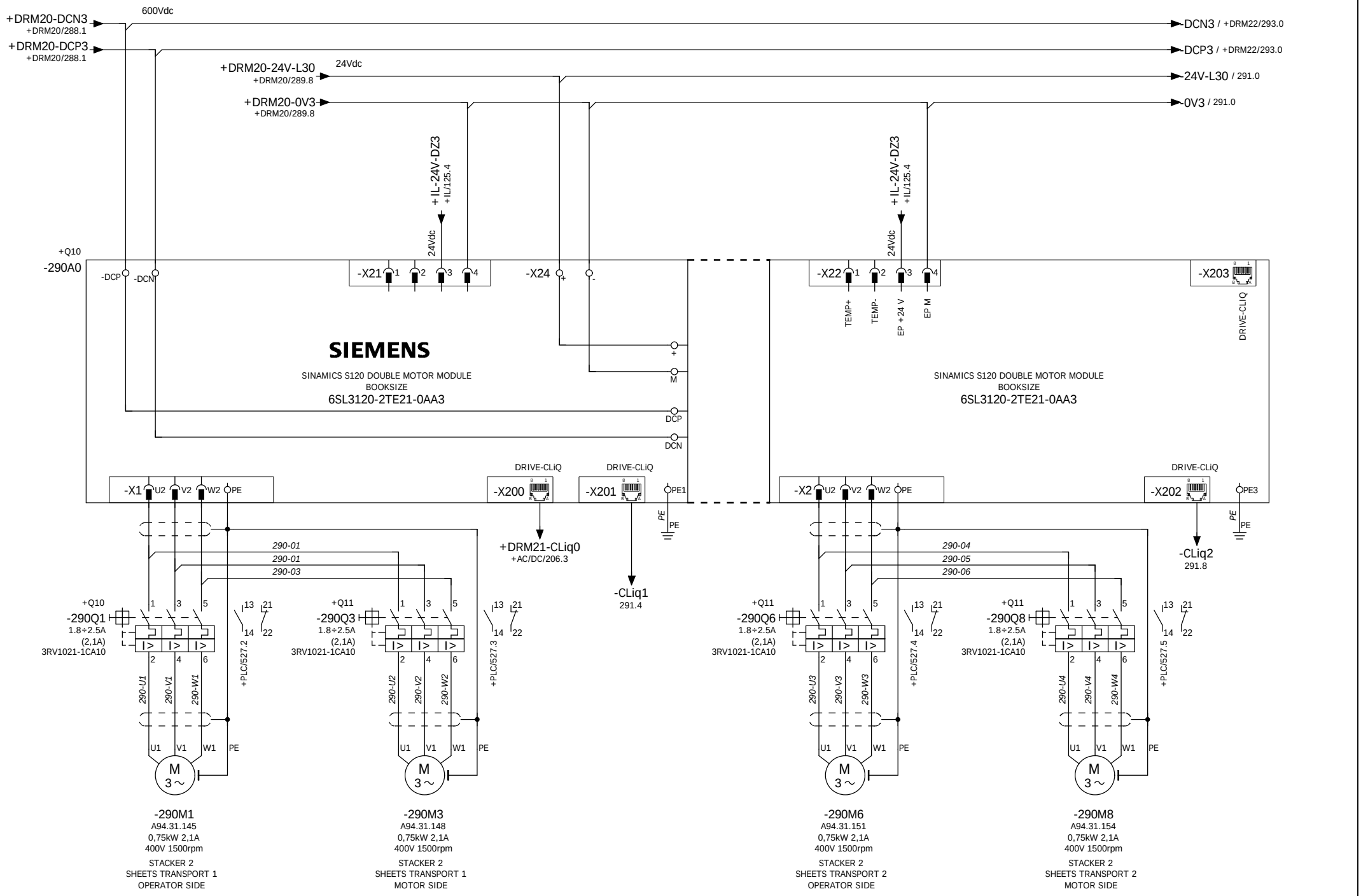
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: STACKER 2
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SHEETS TRANSPORT 1/2 M.S.

NOVASTILMEC A94

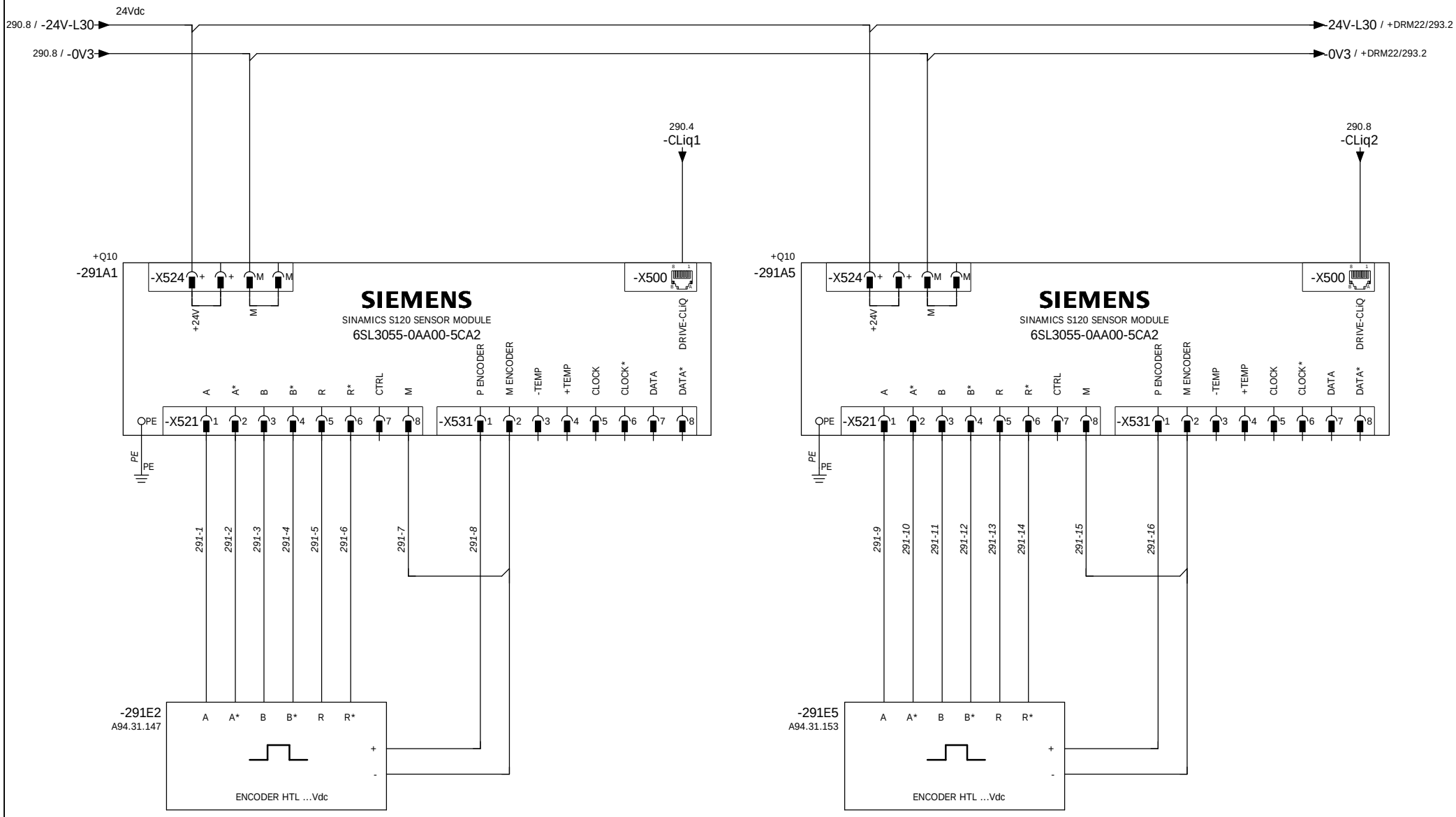
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Job Nr.

Dwg.Nr. A94

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SHEETS TRANSPORT 1
OPERATOR SIDE
ENCODER

SHEETS TRANSPORT 2
OPERATOR SIDE
ENCODER

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

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NOVASTILMEC A94

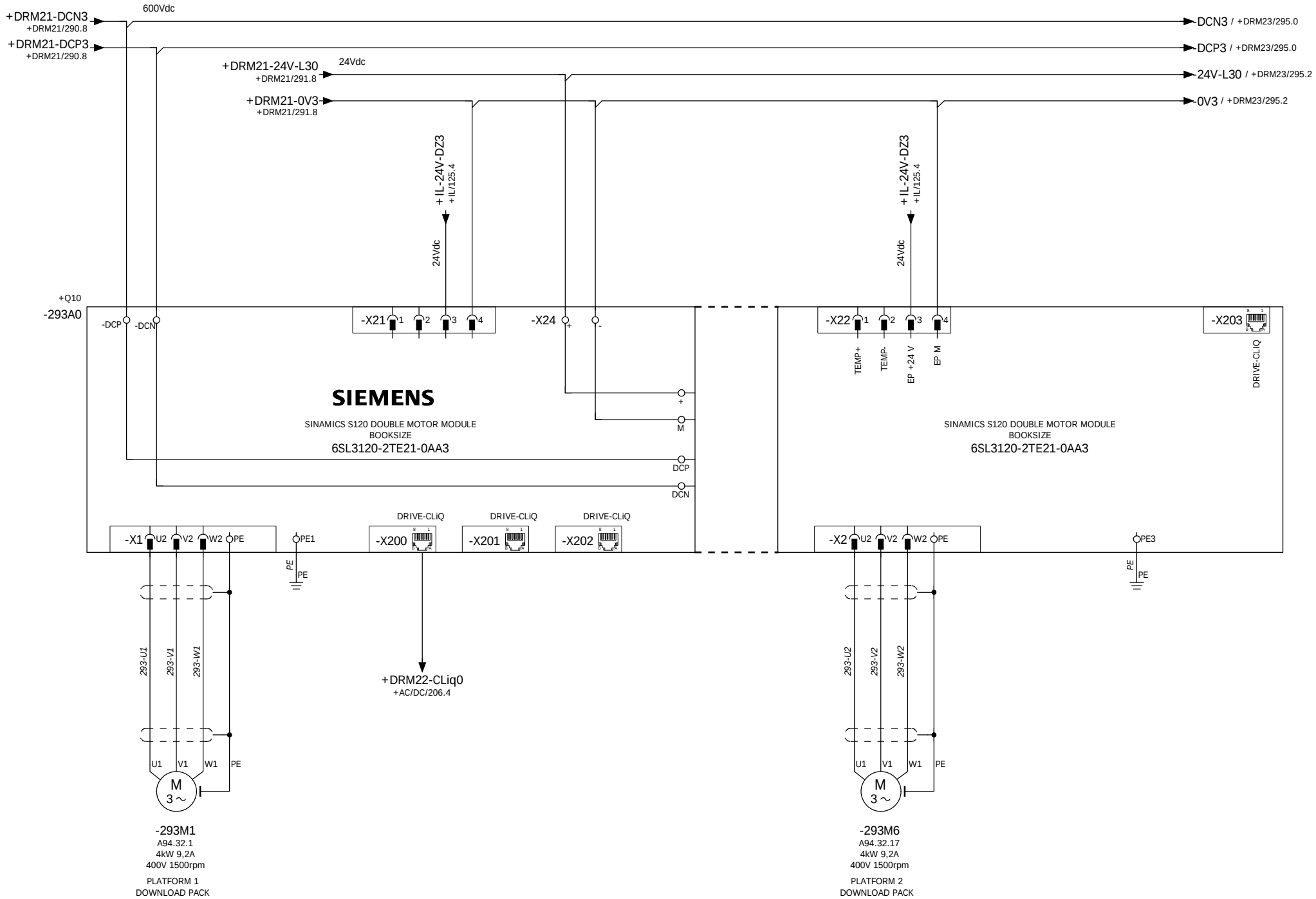
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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLATFORM 1-2
DOWNLOAD PACK
Descript.

NOVASTILMEC A94

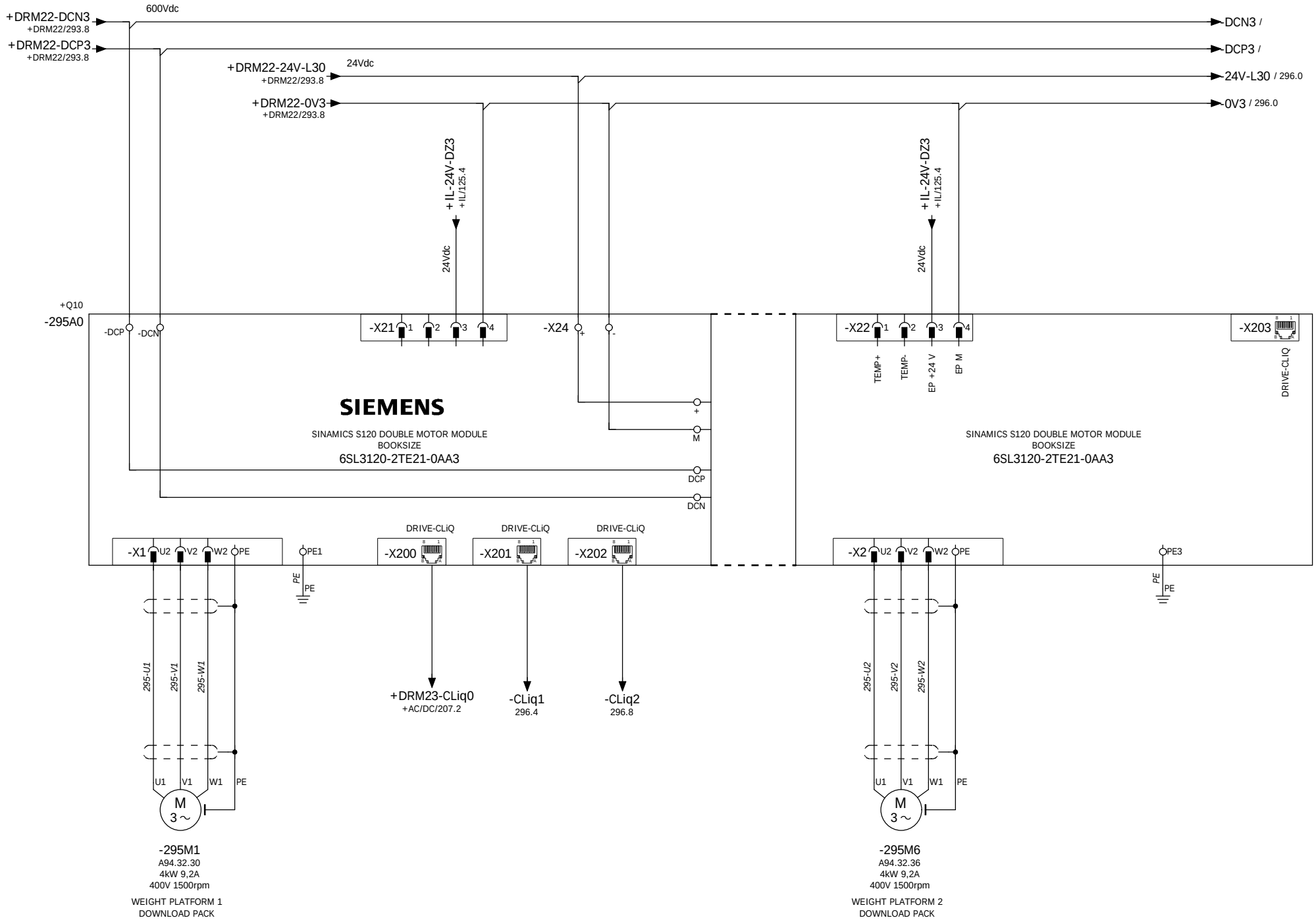
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

WEIGHT PLATFORM 1-2
DOWNLOAD PACK
Descript.

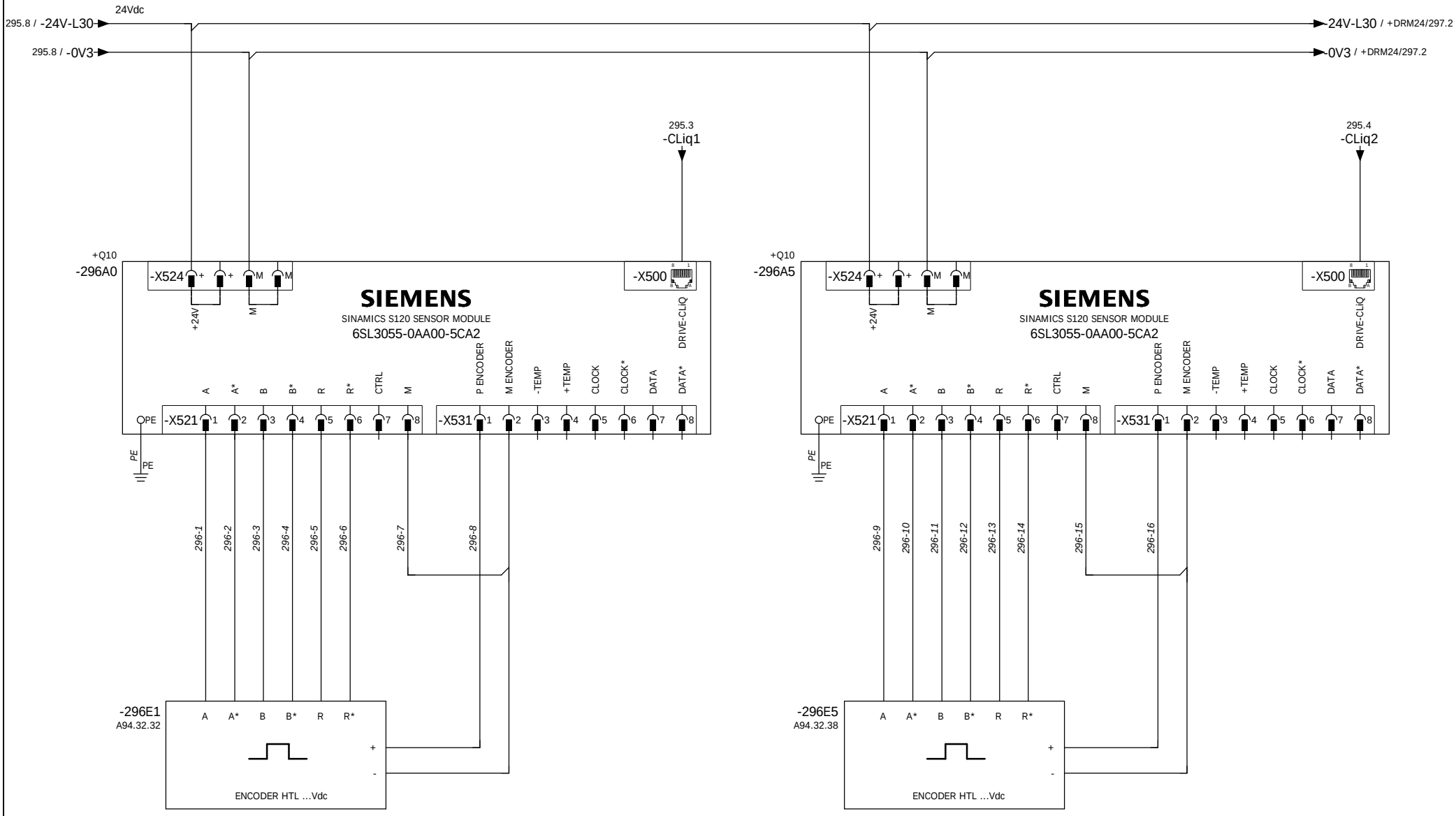
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

= A94
+ **DRM23**

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WEIGHT PLATFORM 1
DOWNLOAD PACK
ENCODER

WEIGHT PLATFORM 2
DOWNLOAD PACK
ENCODER

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: WEIGHT PLATFORM 1-2 DOWNLOAD PACK

NOVASTILMEC A94

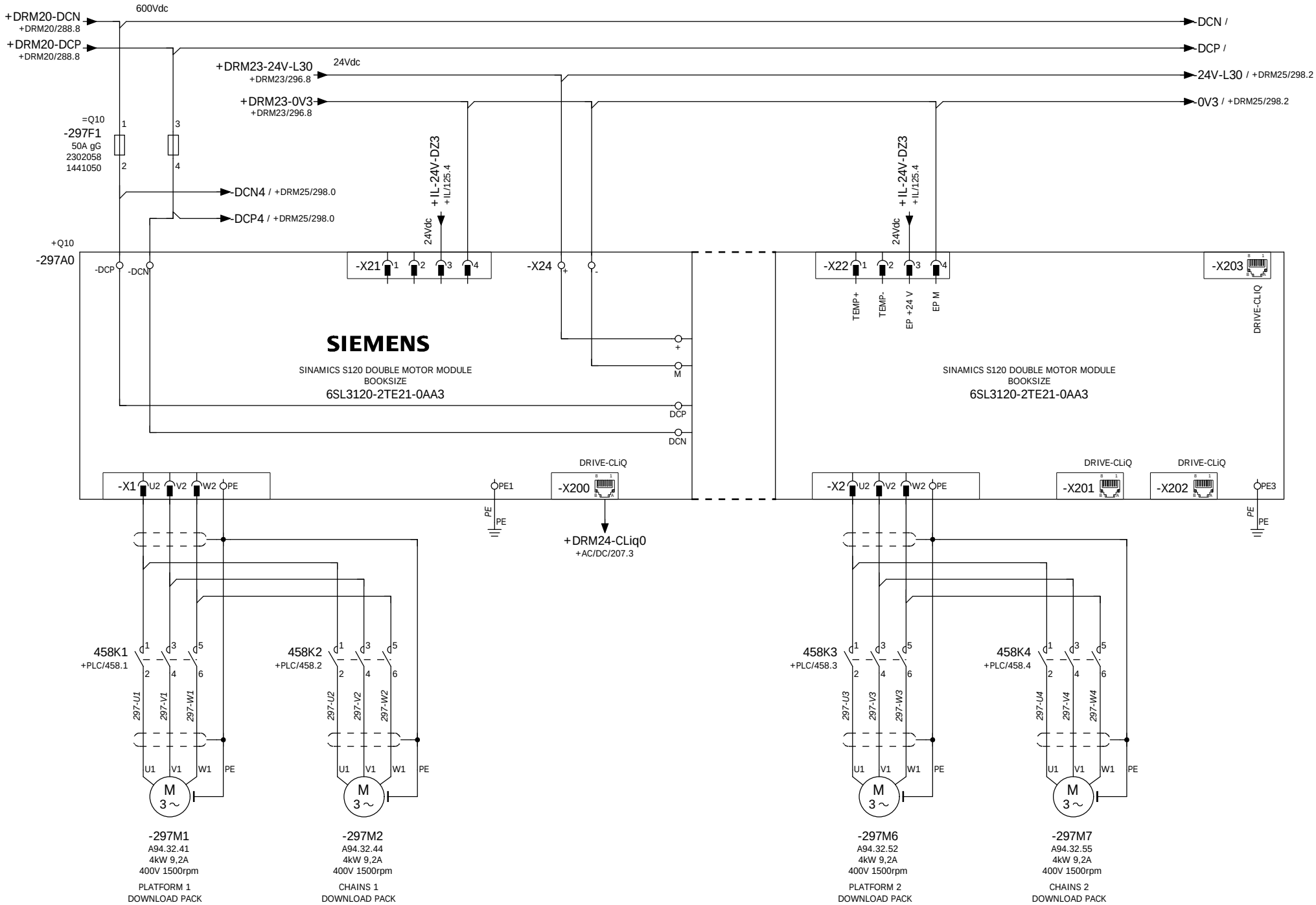
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLATFORM/CHAINS 1-2
DOWNLOAD PACK
Descript.

NOVASTILMEC A94

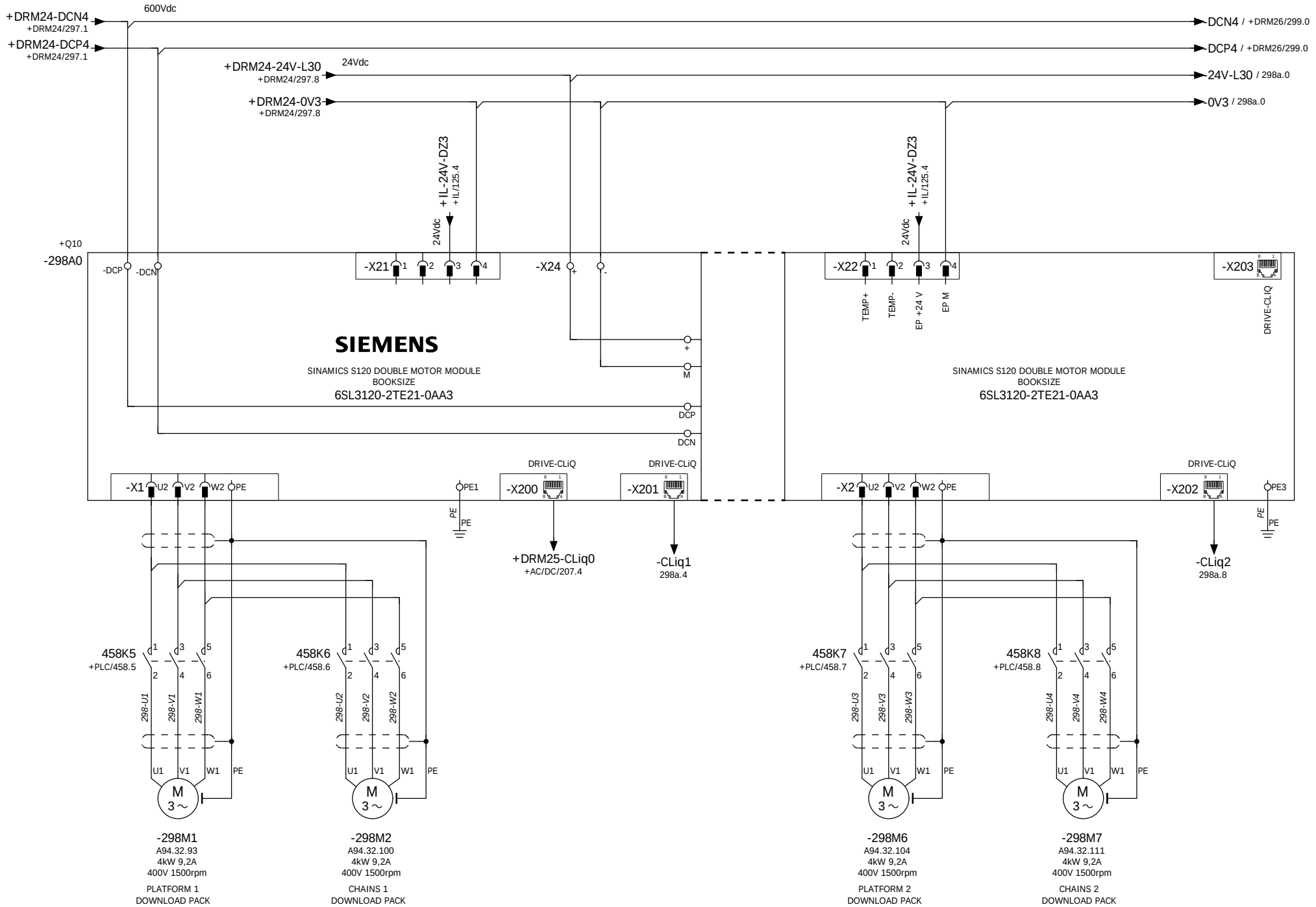
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: STRAPPING PLATFORM/CHAINS 1-2 DOWNLOAD PACK

NOVASTILMEC A94

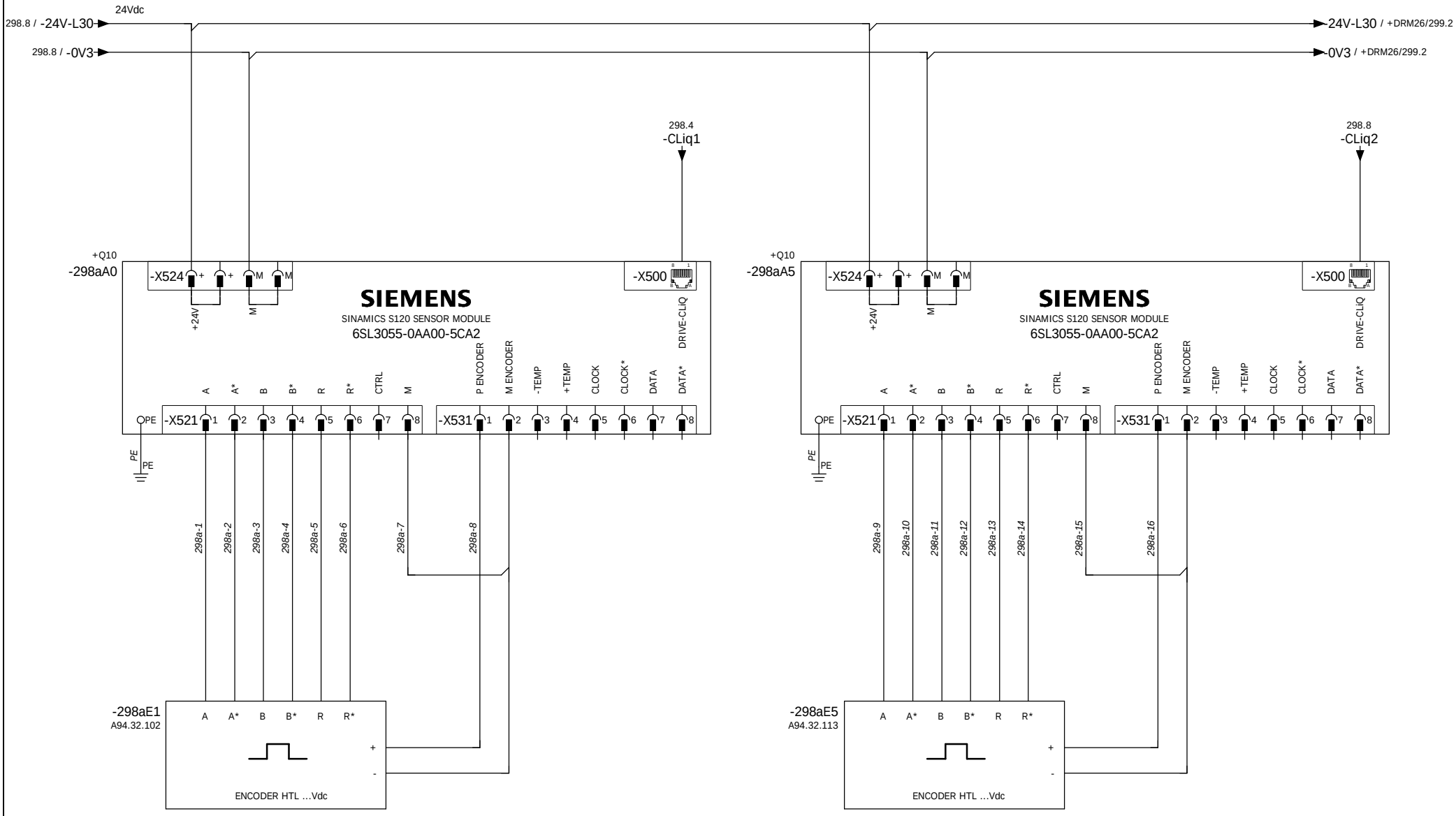
Job Nr.

Dwg.Nr. A94

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+ **DRM25**

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CHAINS 1
DOWNLOAD PACK
ENCODER

CHAINS 2
DOWNLOAD PACK
ENCODER

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: WEIGHT PLATFORM 1-2
DOWNLOAD PACK

NOVASTILMEC A94

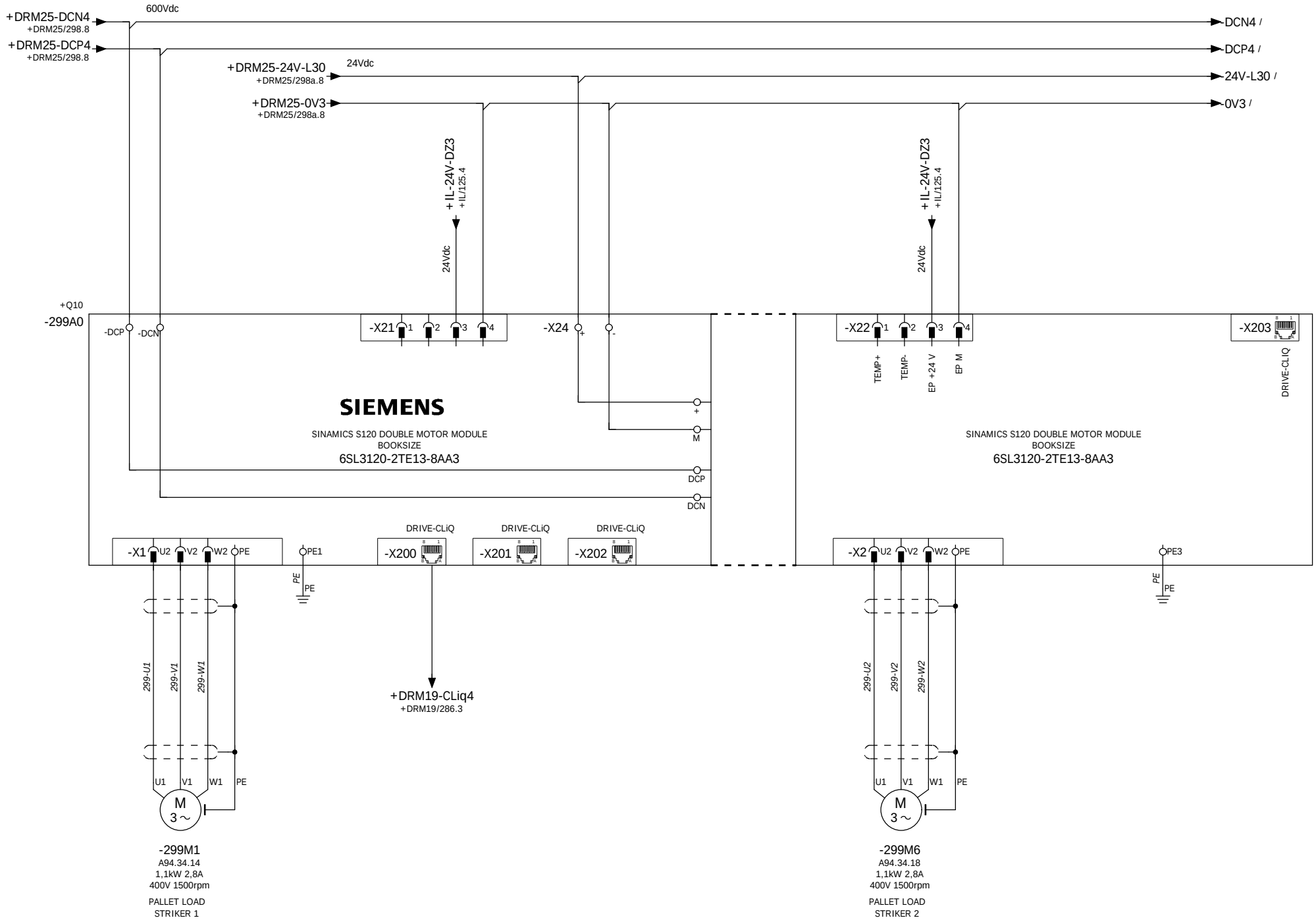
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: PALLET LOAD STRIKER 1/2

NOVASTILMEC A94

Job Nr.

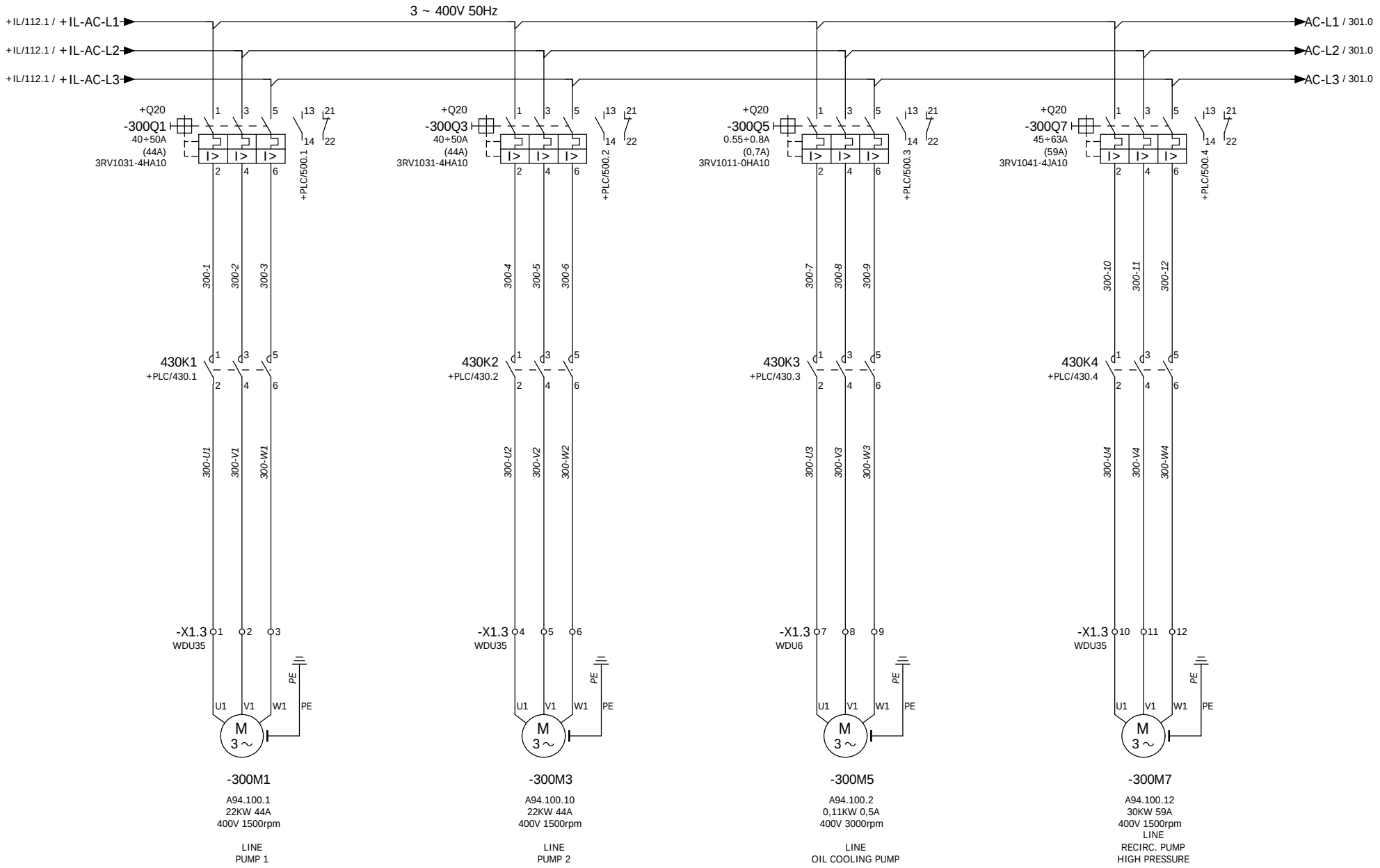
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

OLEODINAMIC EQUIPMENT

Descript.

NOVASTILMEC A94

Job Nr.

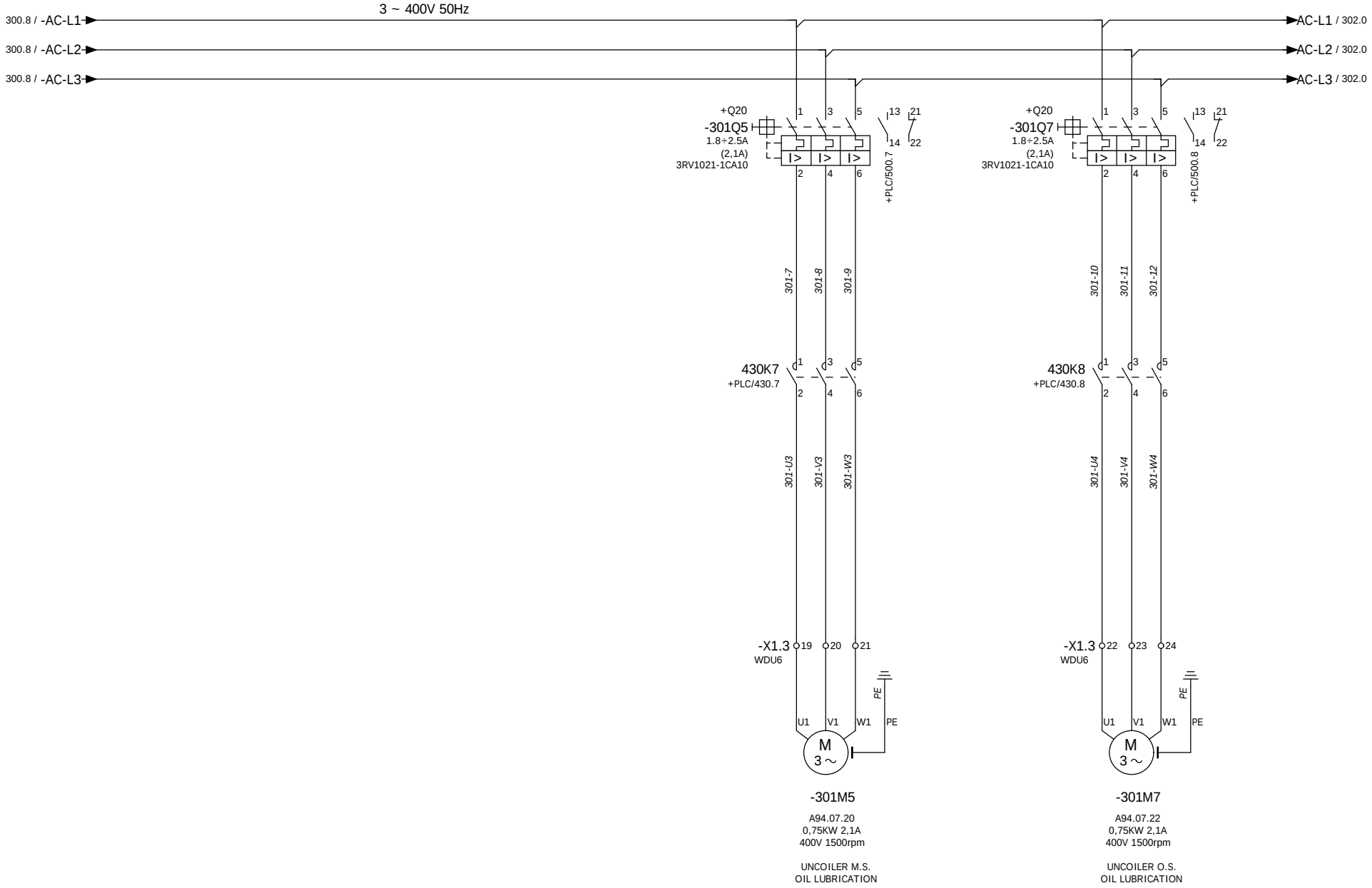
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+ **AC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

OLEODINAMIC EQUIPMENT

Descript.

NOVASTILMEC A94

Job Nr.

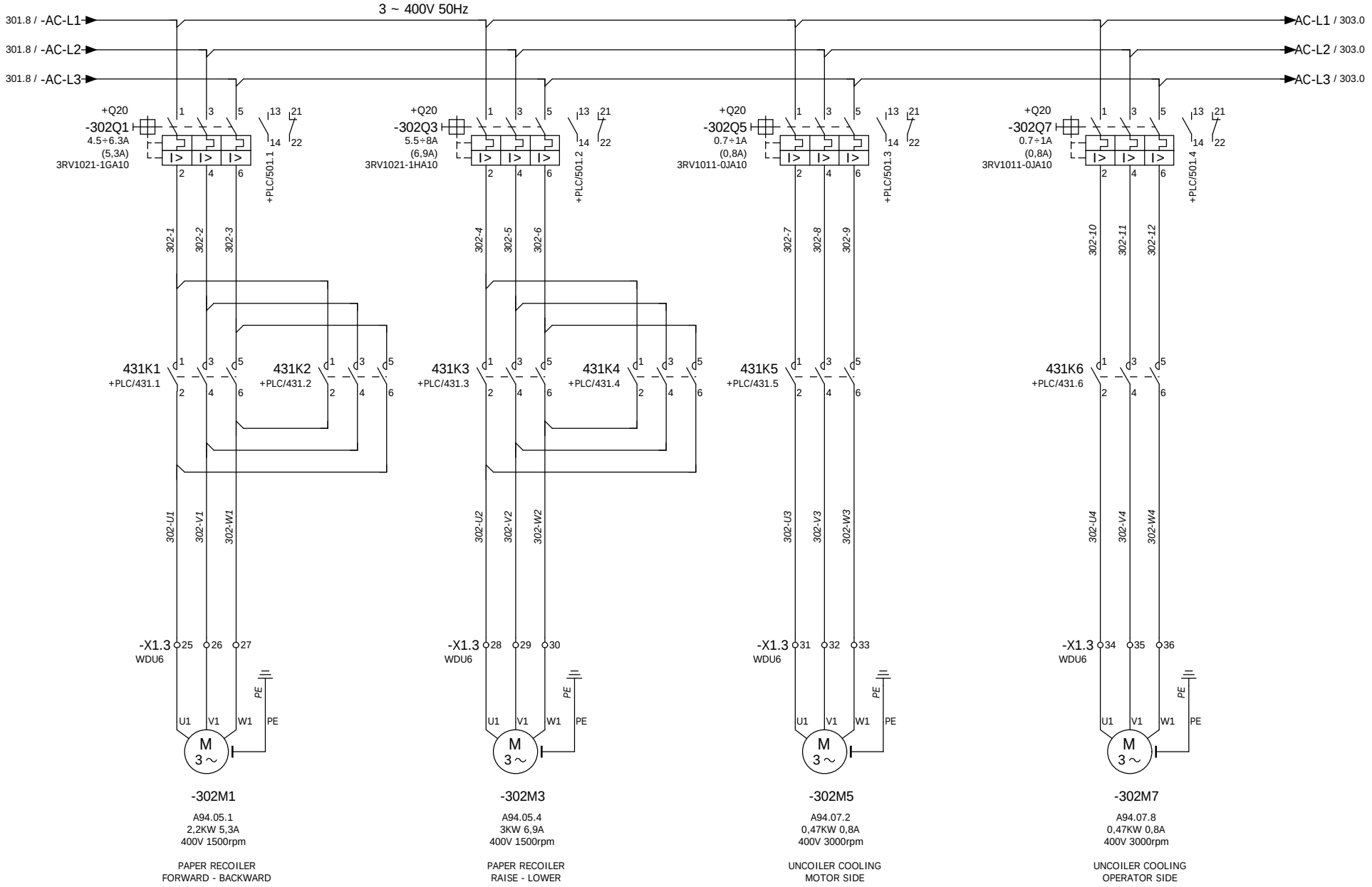
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+ **AC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY AC MOTORS

Descript.

NOVASTILMEC A94

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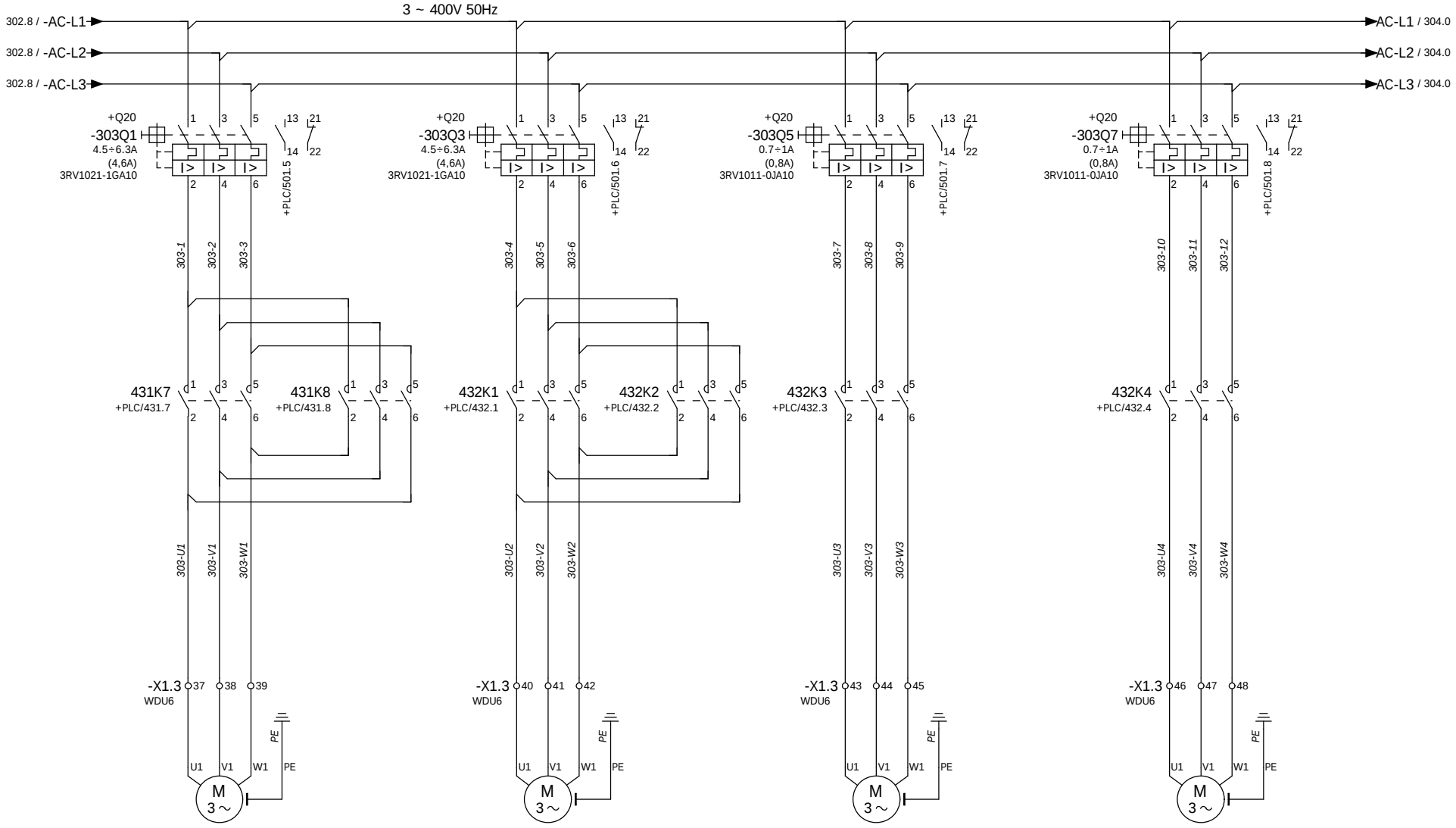
+ **AC**

Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY AC MOTORS

Descript.

NOVASTILMEC A94

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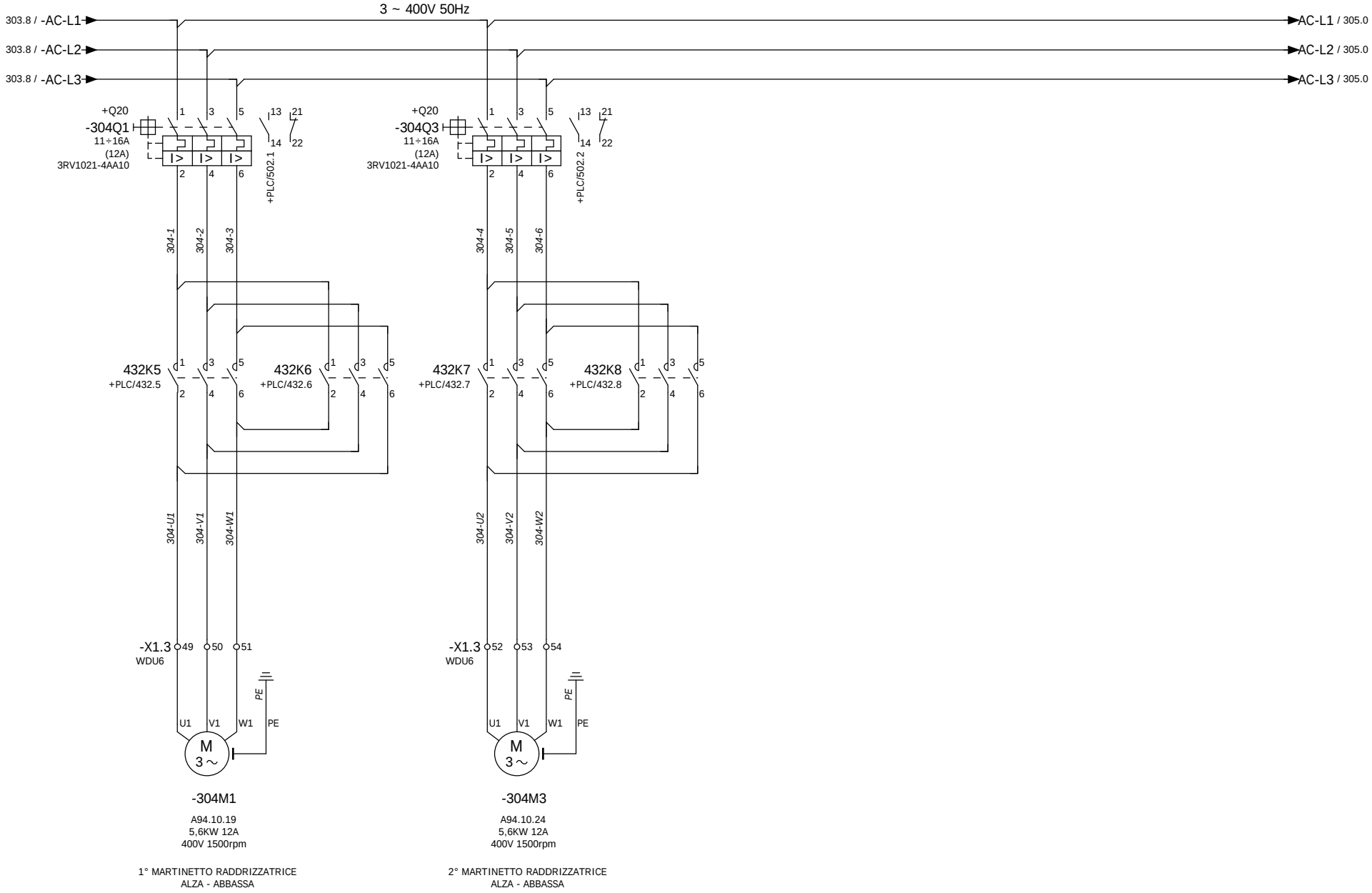
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Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY AC MOTORS

Descript.

NOVASTILMEC A94

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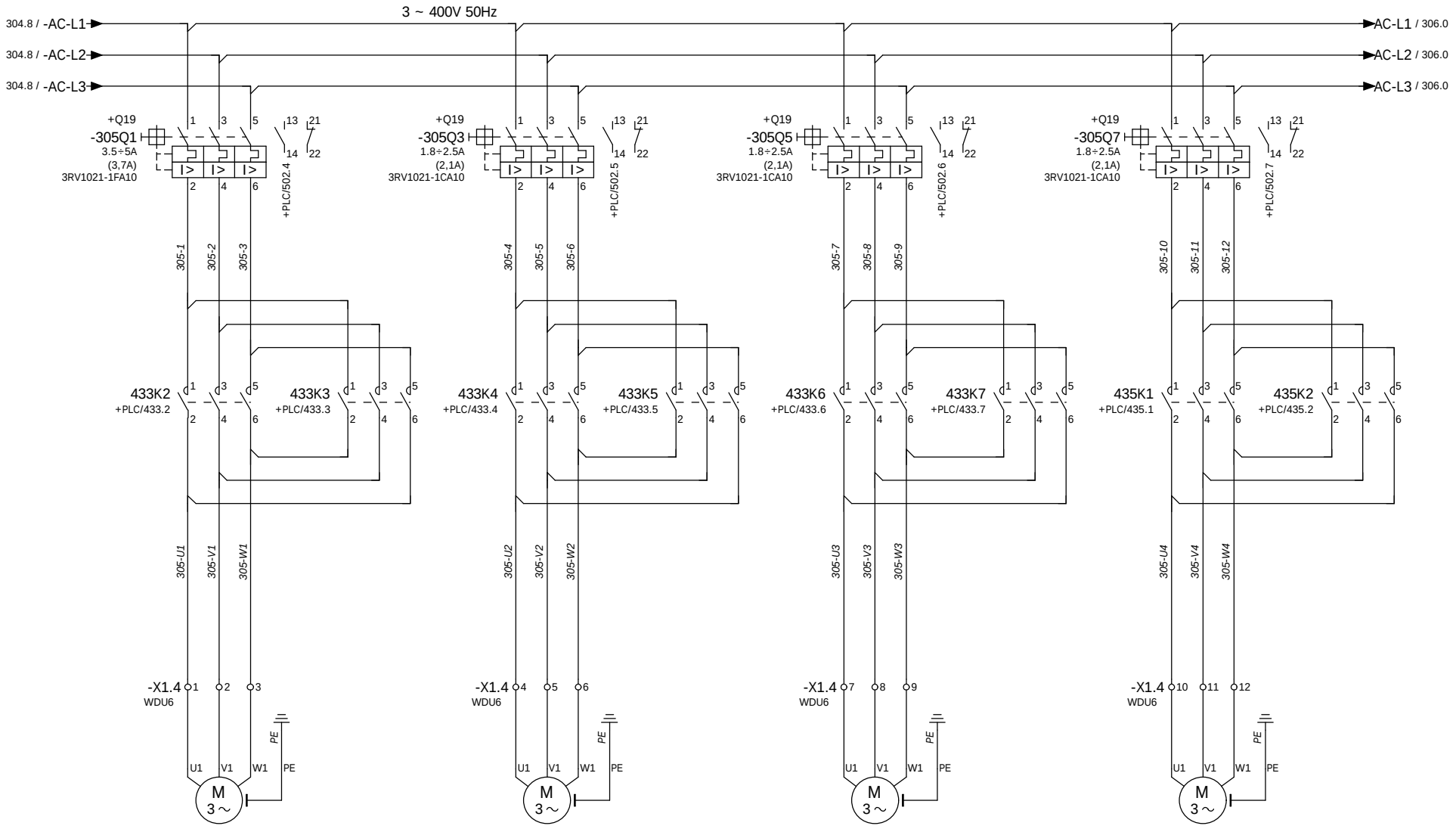
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GA-Tech

POWER SUPPLY AC MOTORS

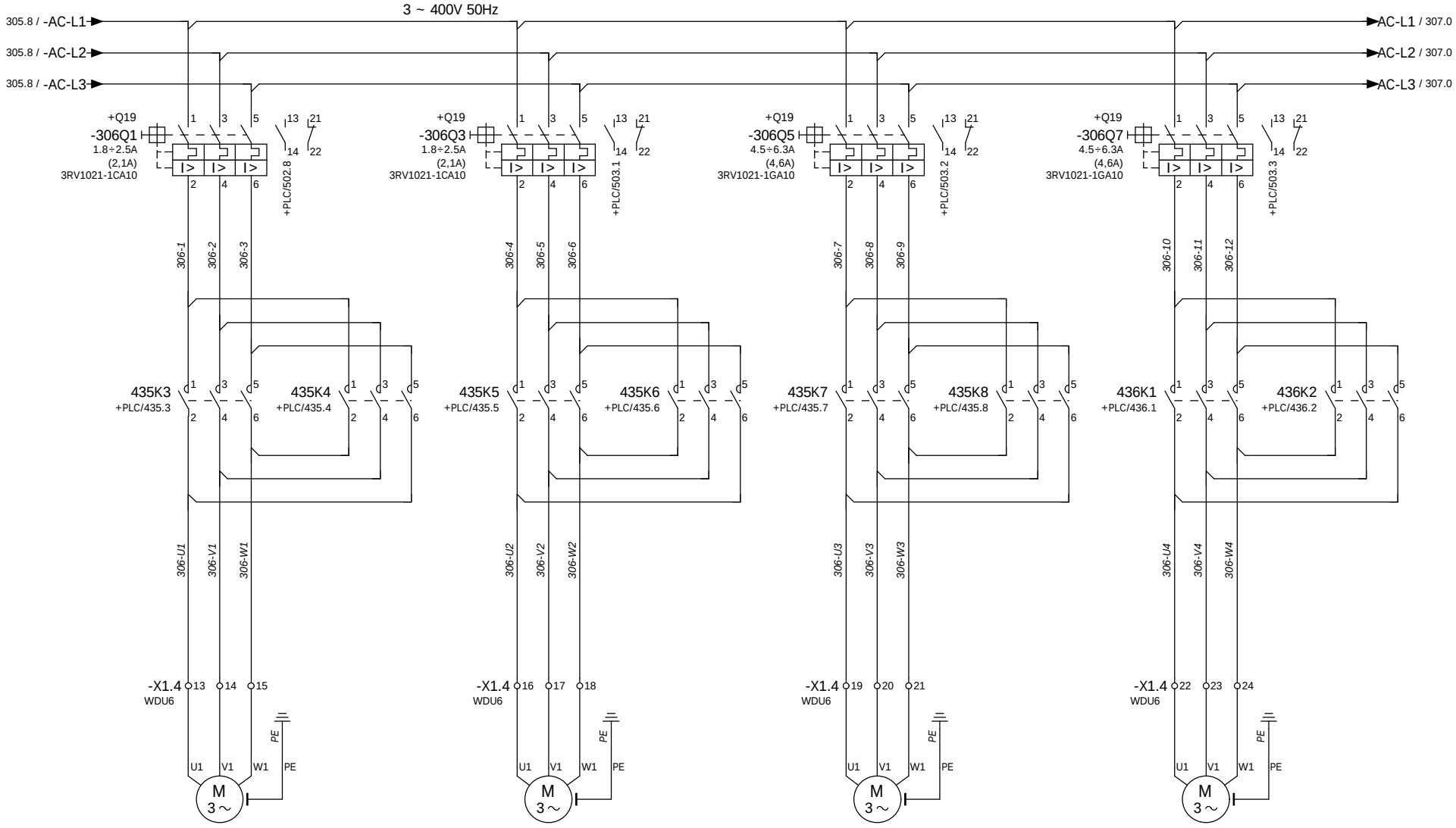
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GA-Tech

POWER SUPPLY AC MOTORS

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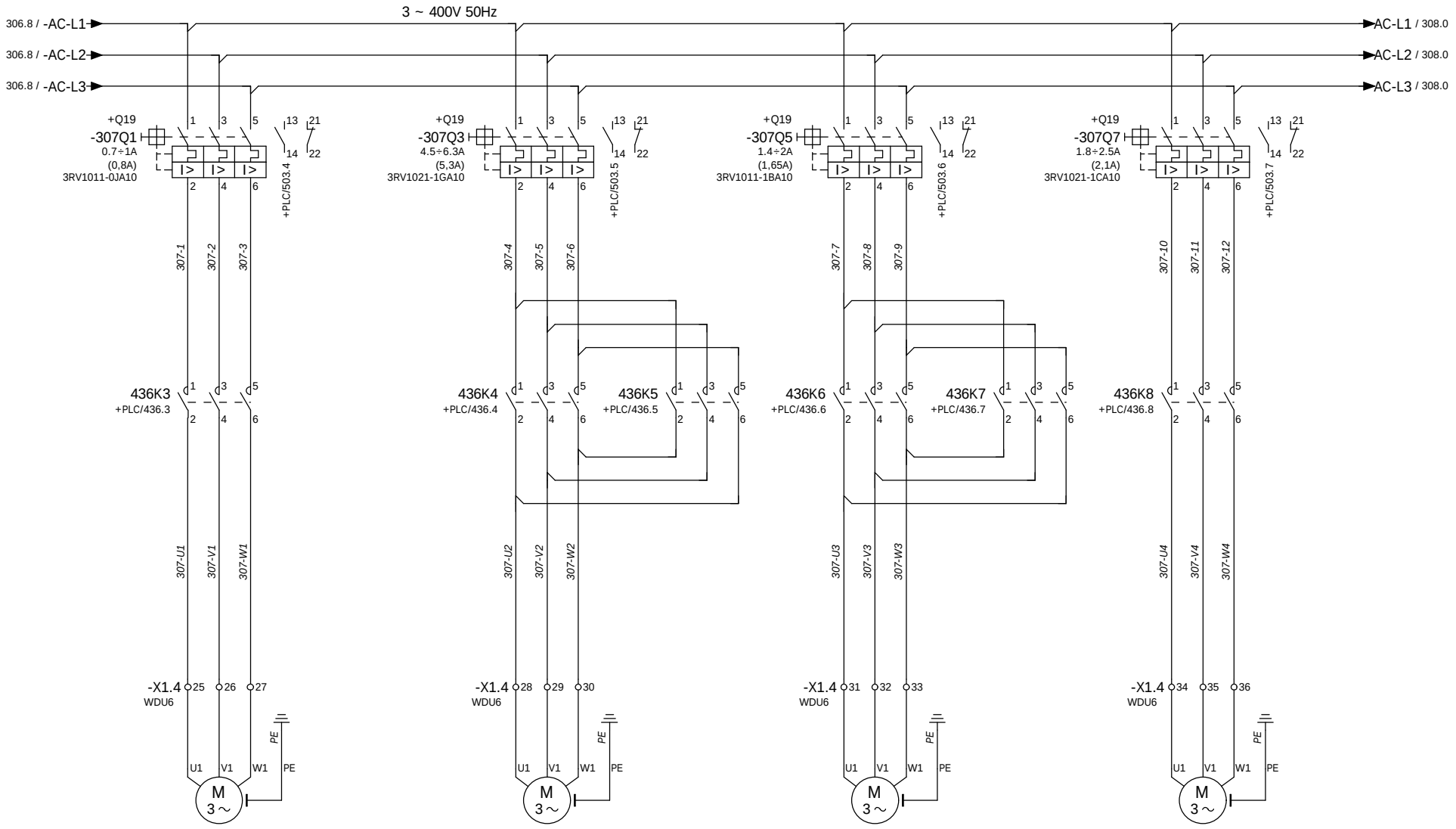
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GA-Tech

Descript.: POWER SUPPLY AC MOTORS

NOVASTILMEC A94

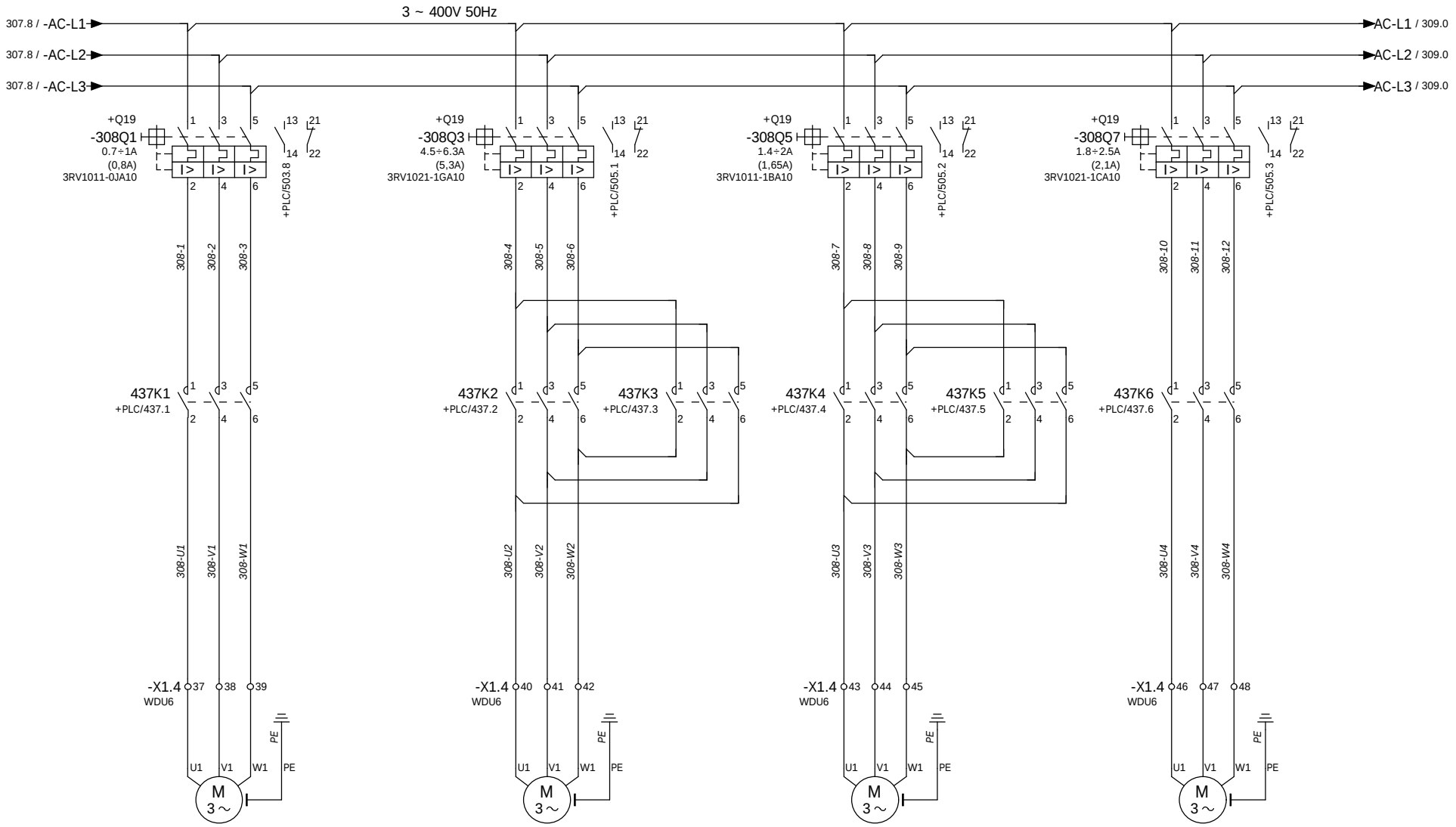
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GA-Tech

POWER SUPPLY AC MOTORS

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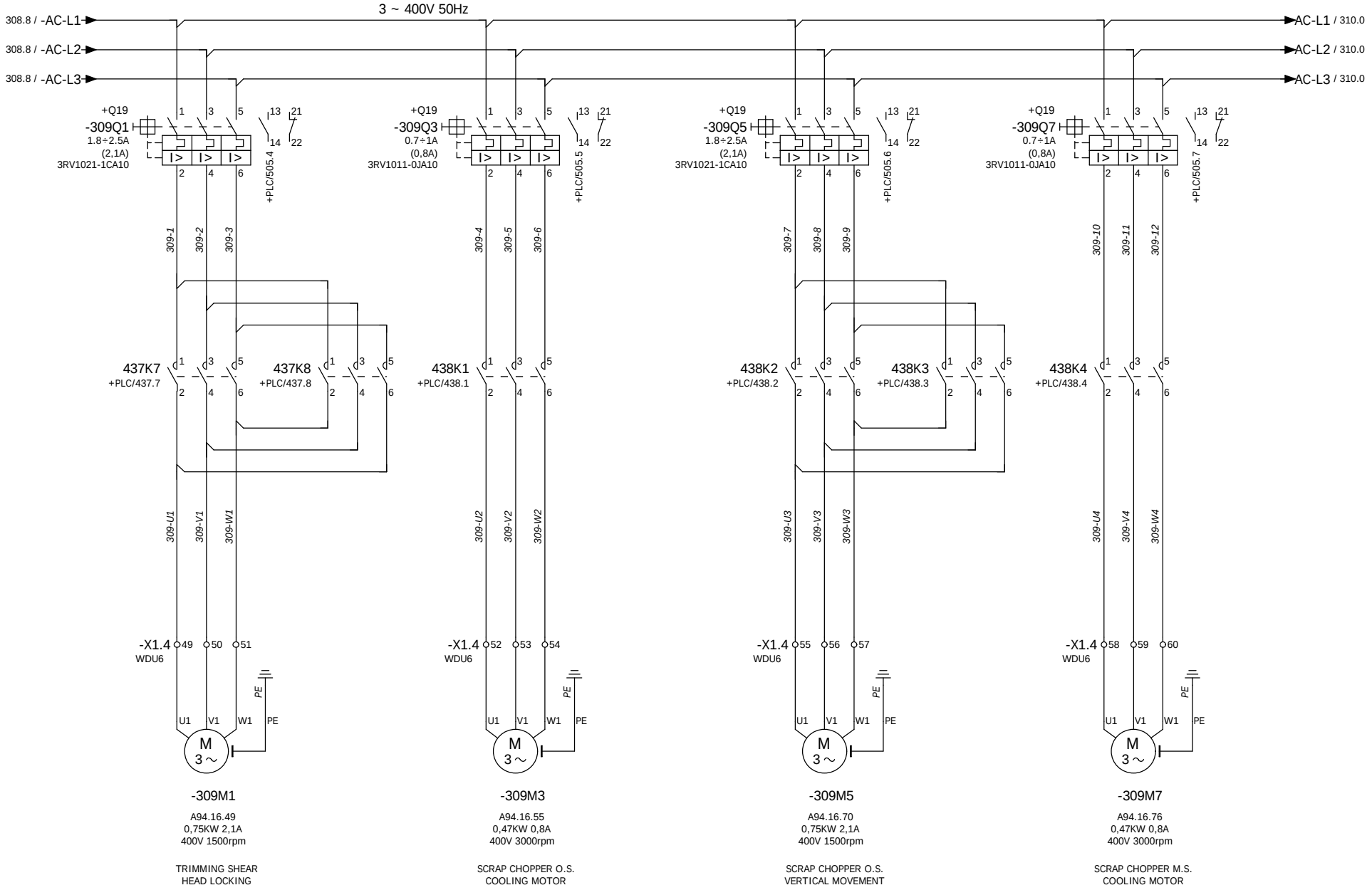
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POWER SUPPLY AC MOTORS

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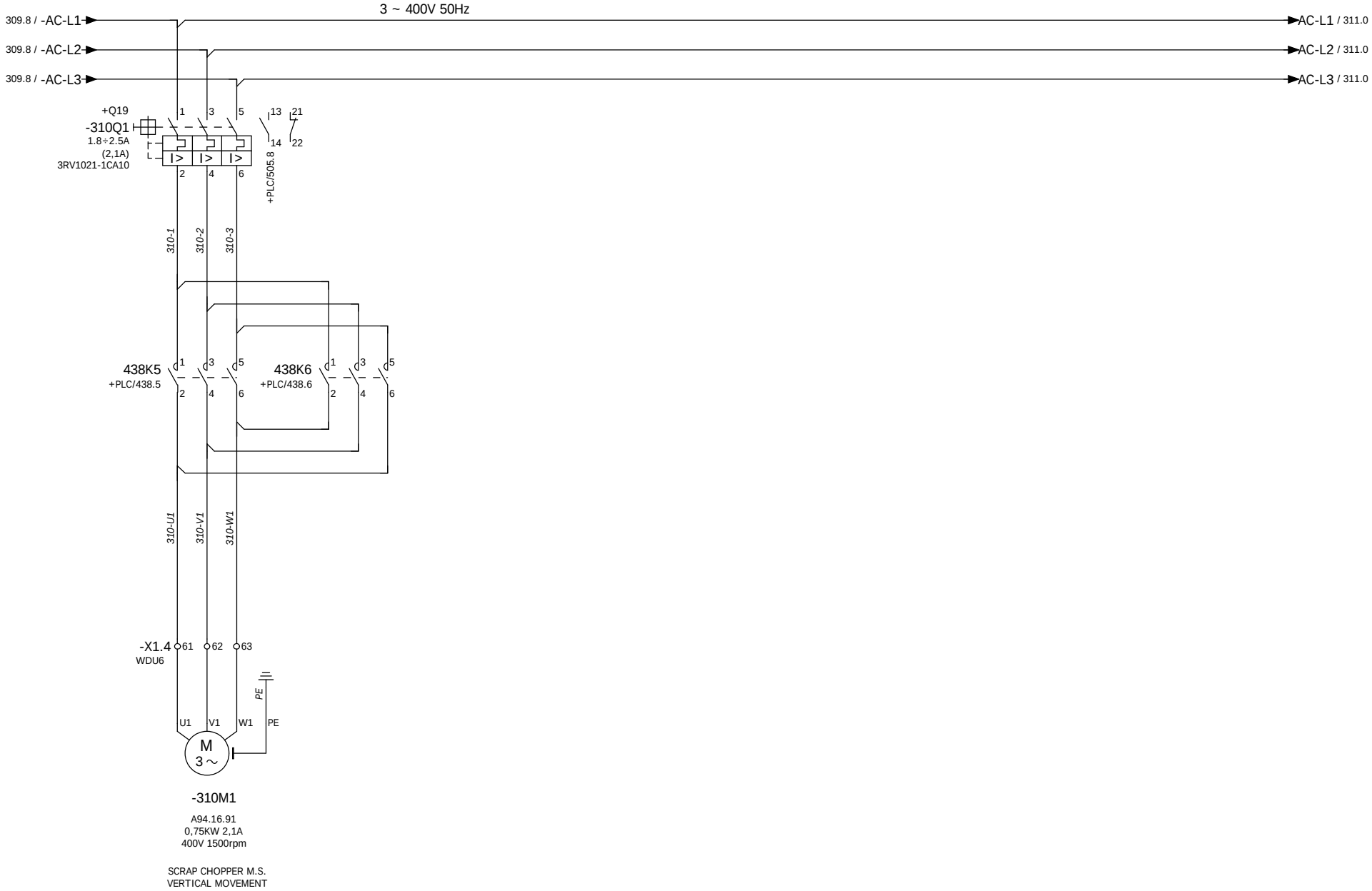
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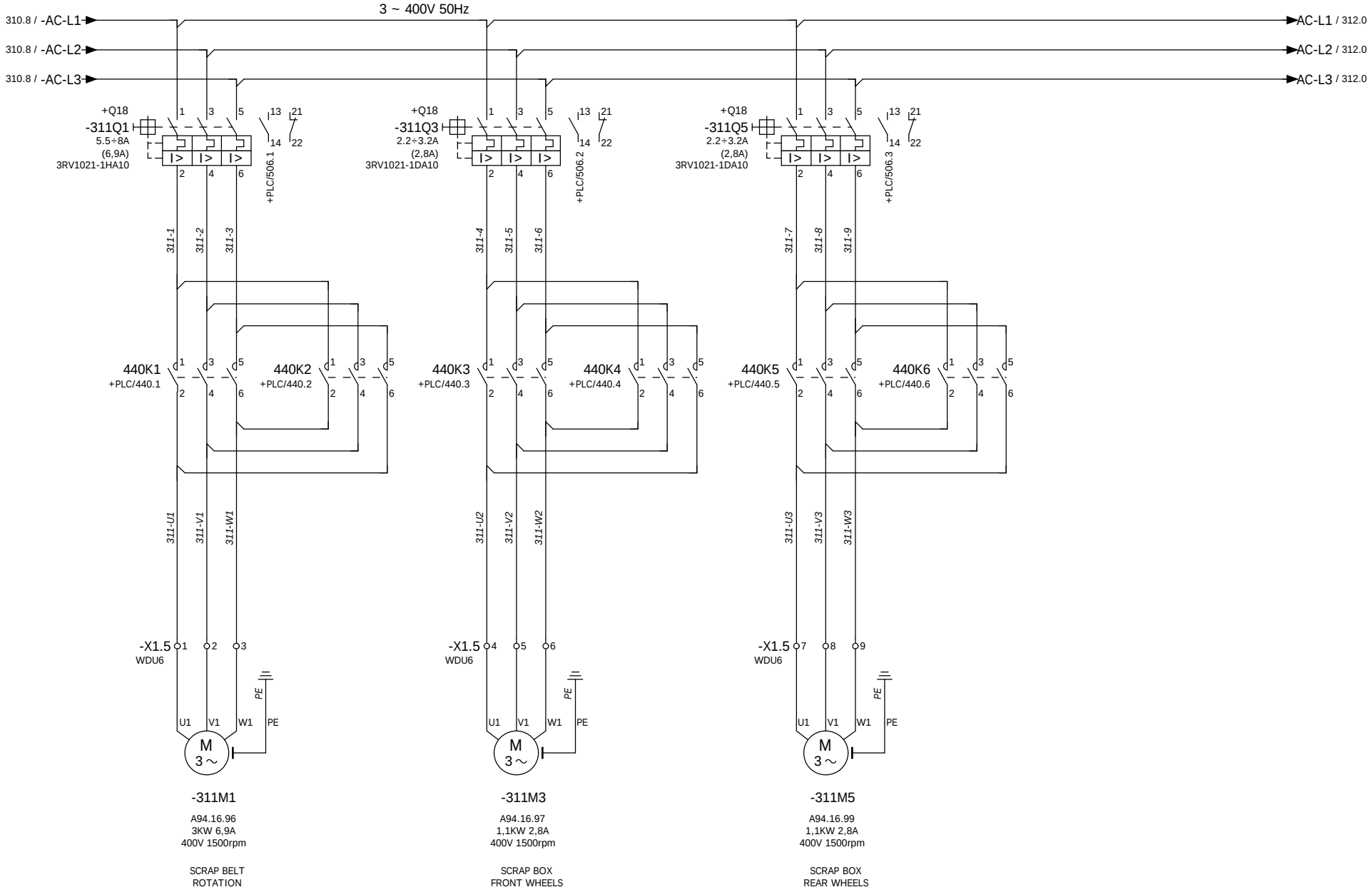
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GA-Tech

POWER SUPPLY AC MOTORS

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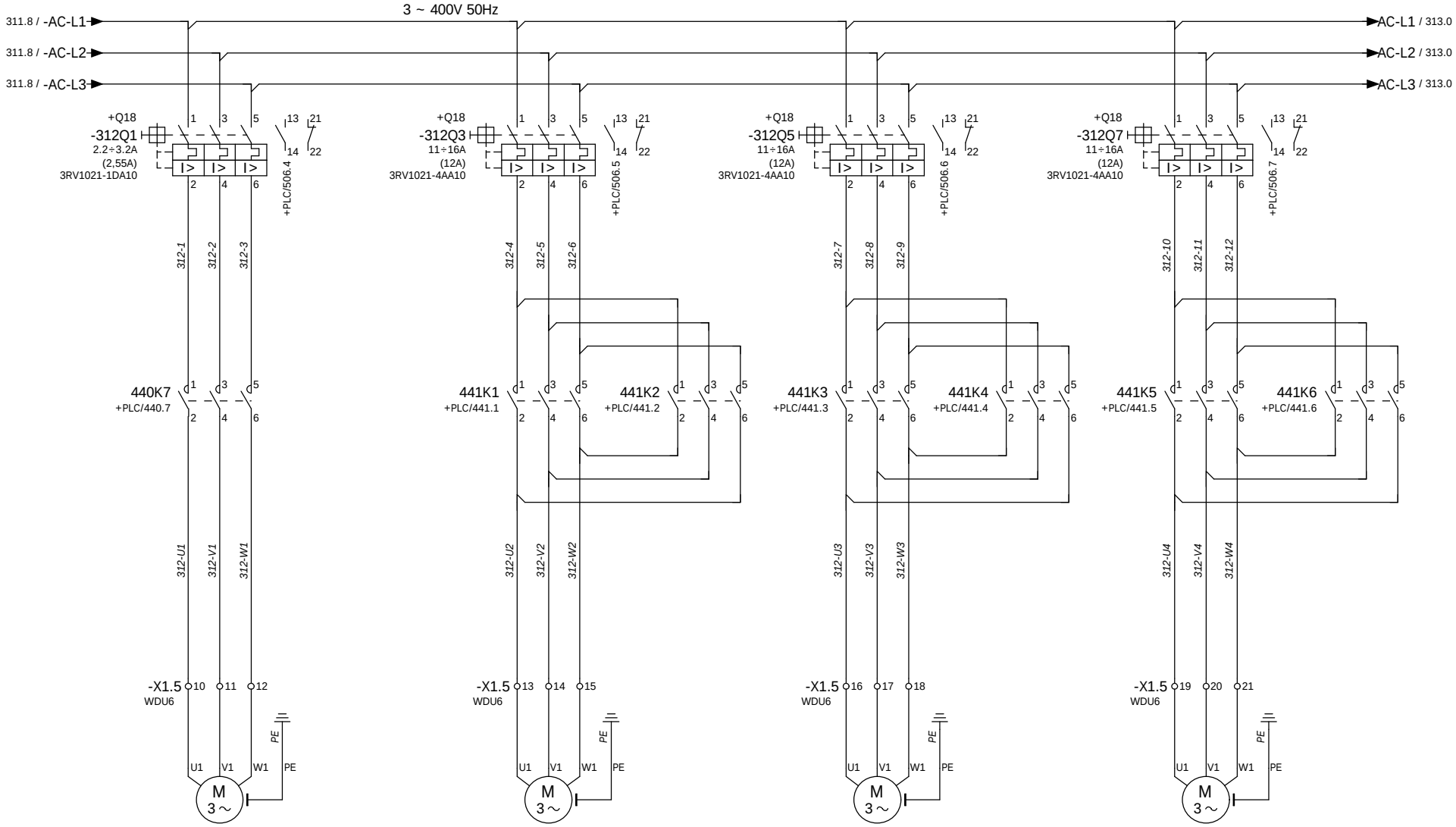
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POWER SUPPLY AC MOTORS

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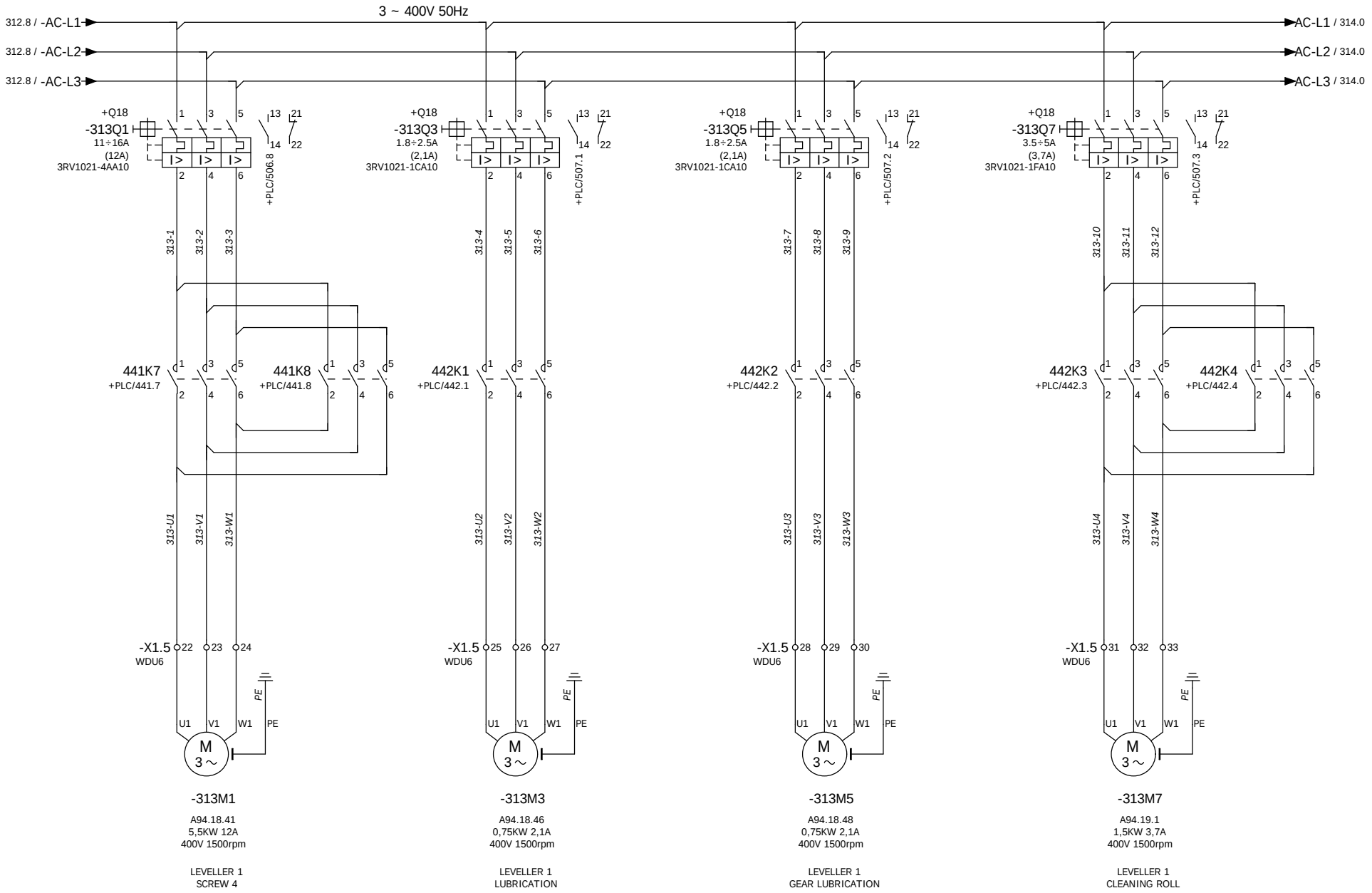
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GA-Tech

POWER SUPPLY AC MOTORS

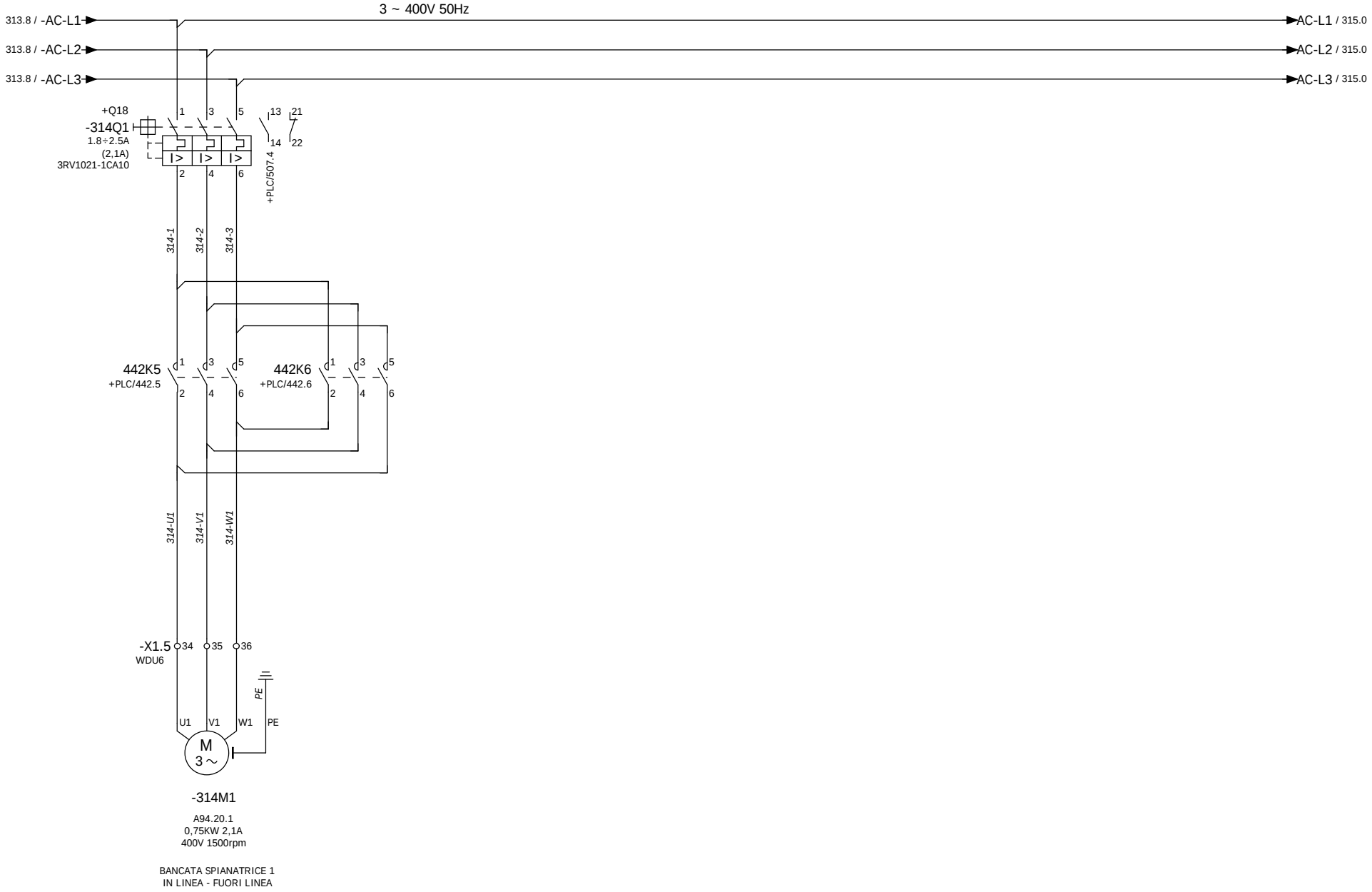
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GA-Tech

POWER SUPPLY AC MOTORS

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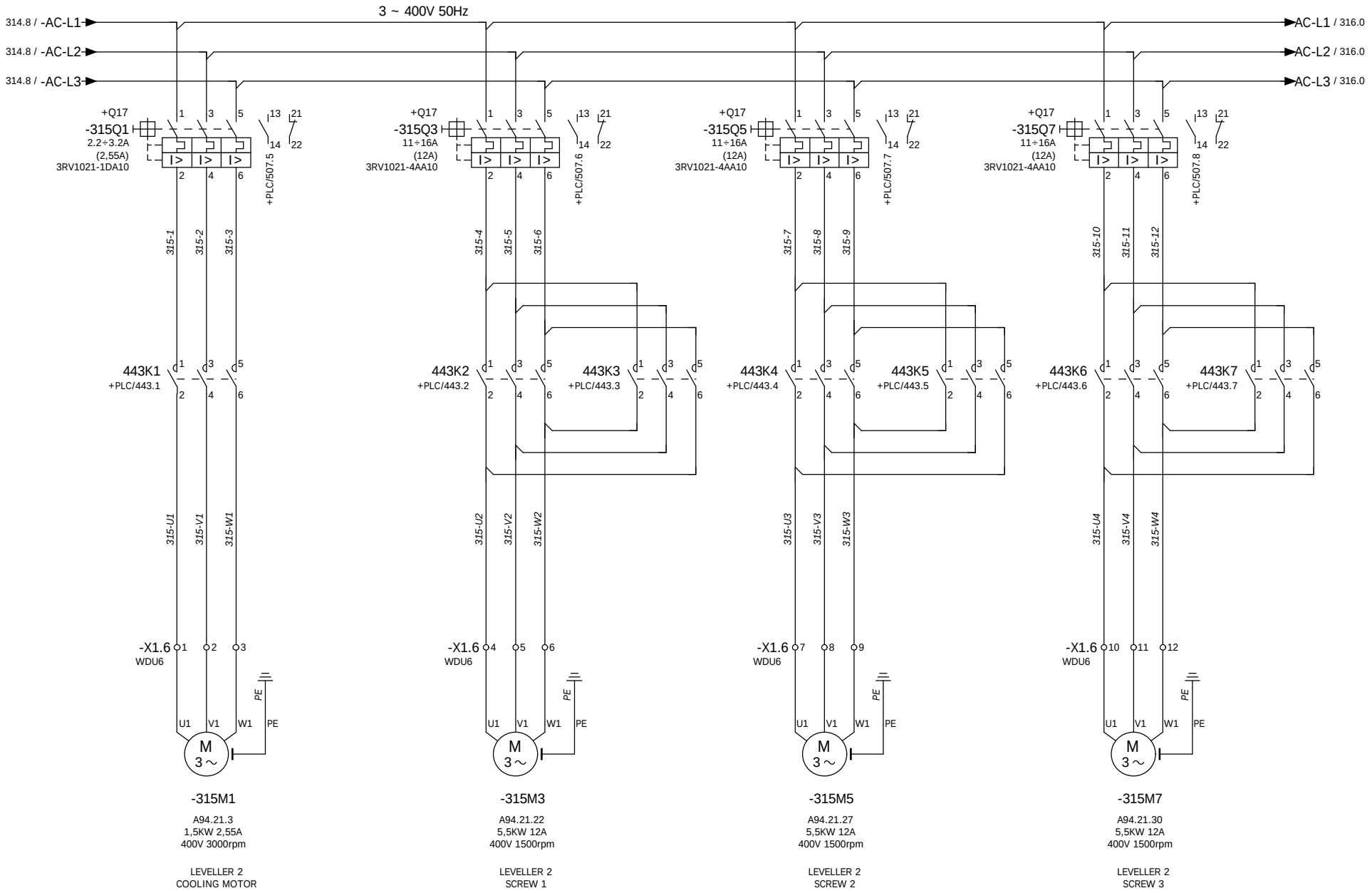
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POWER SUPPLY AC MOTORS

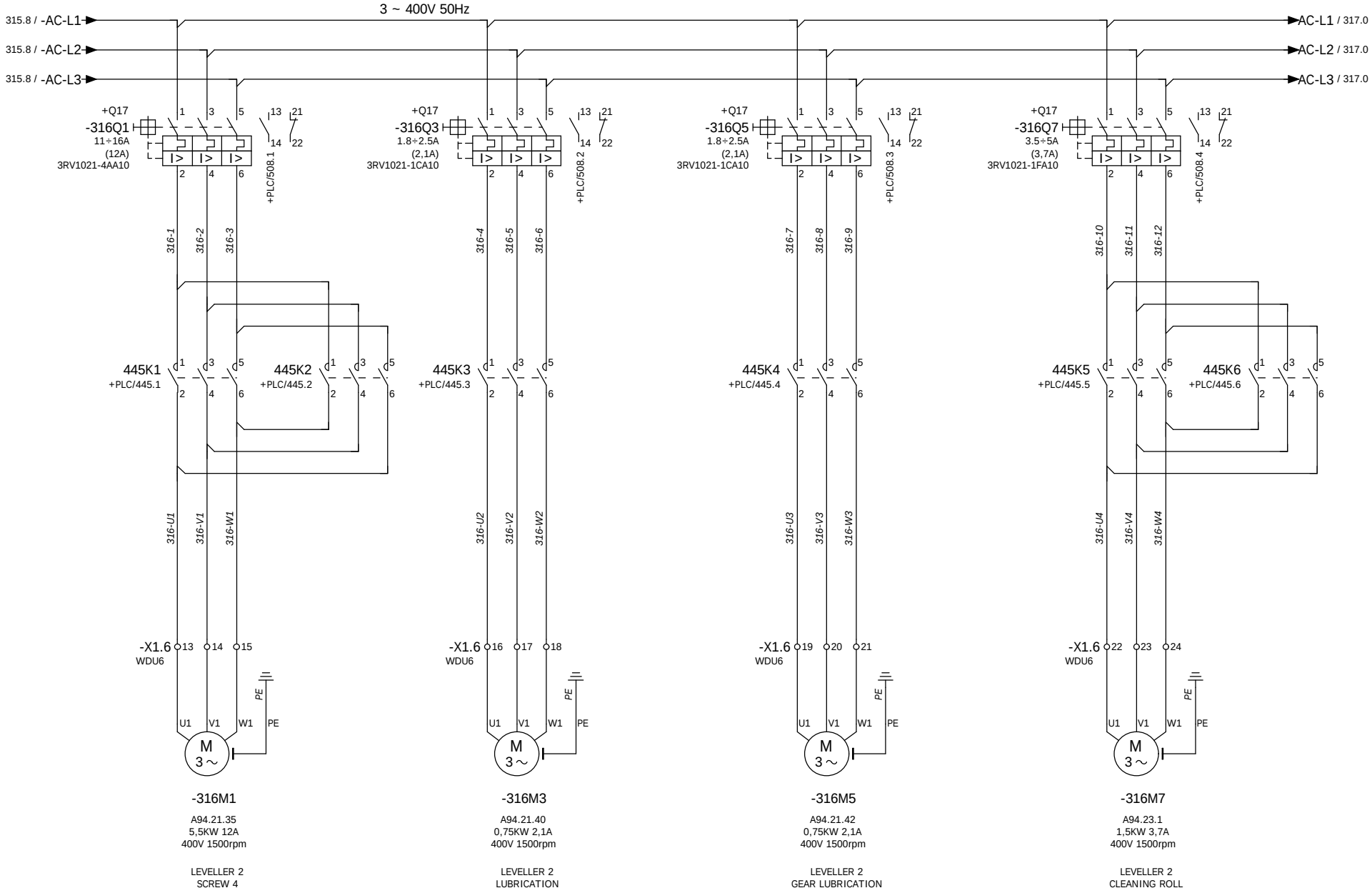
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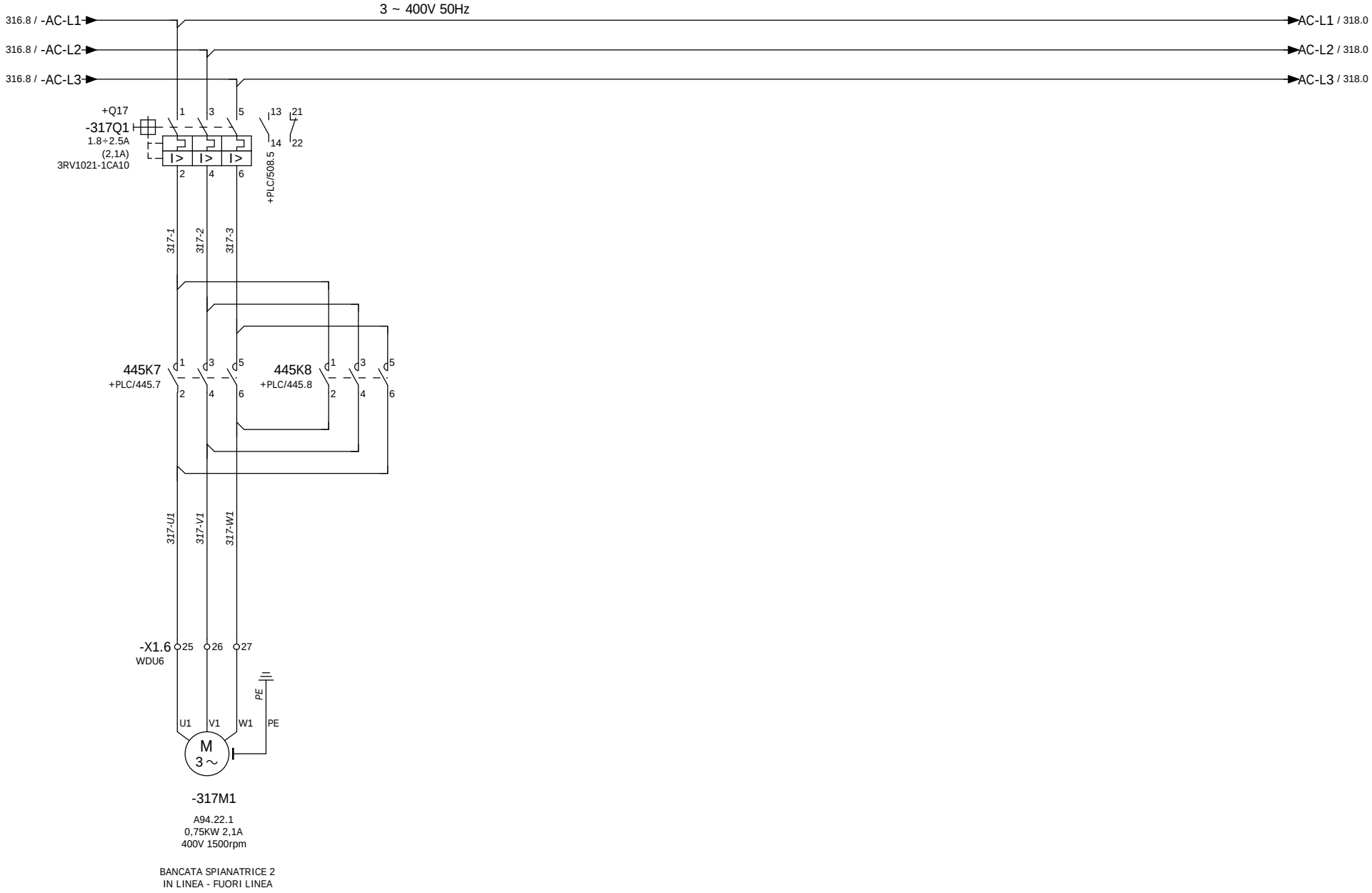
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POWER SUPPLY AC MOTORS

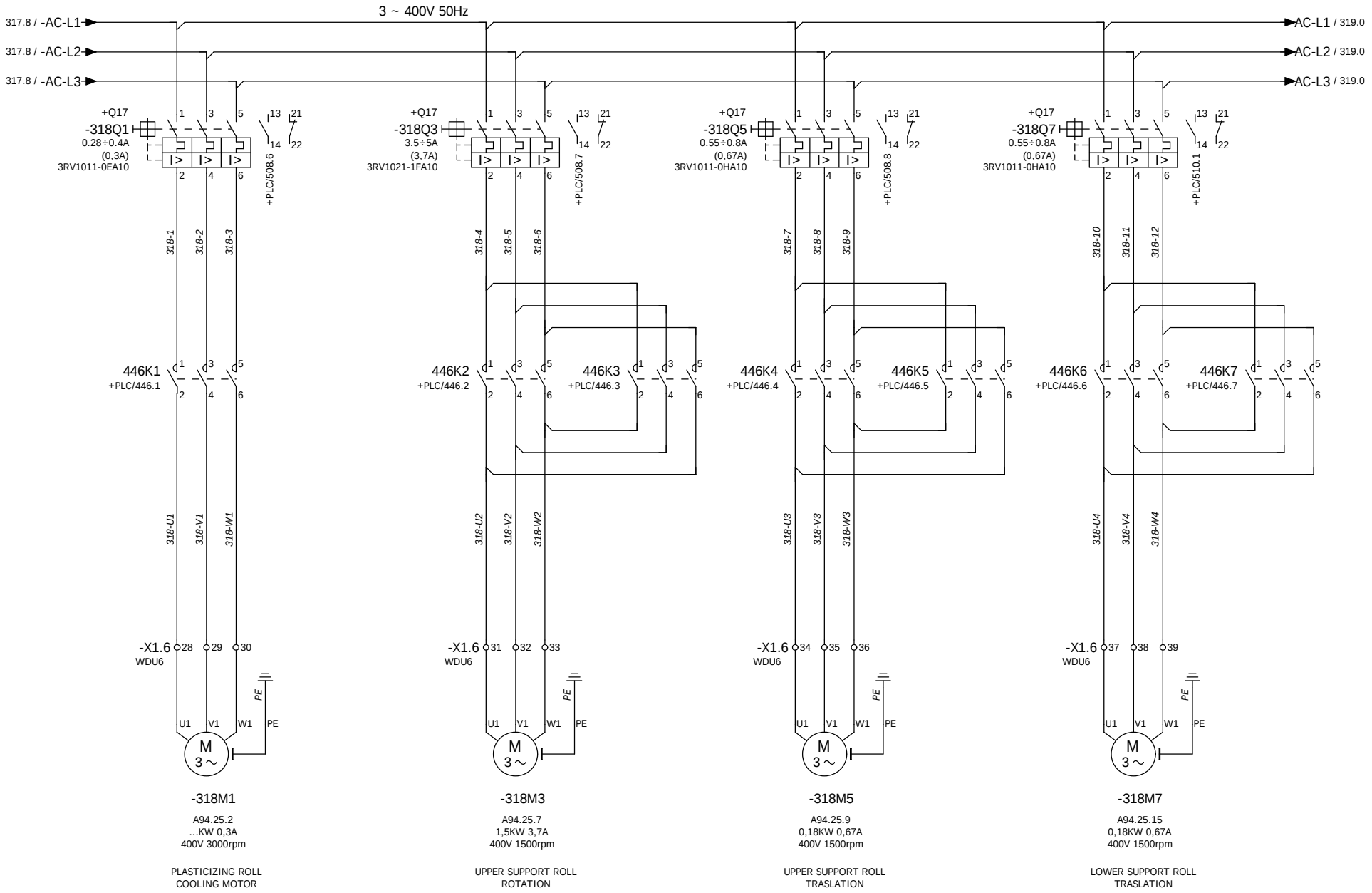
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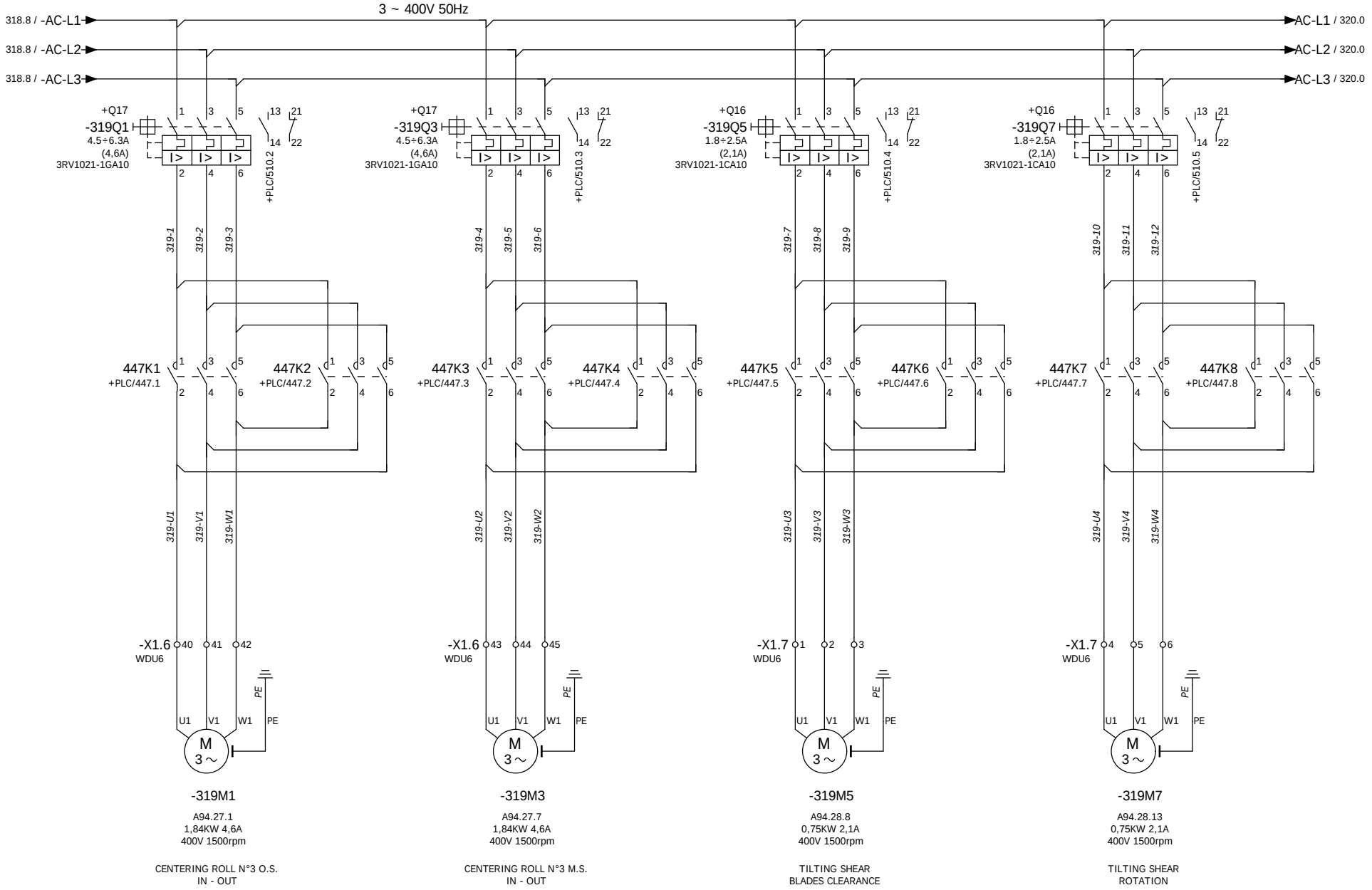
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POWER SUPPLY AC MOTORS

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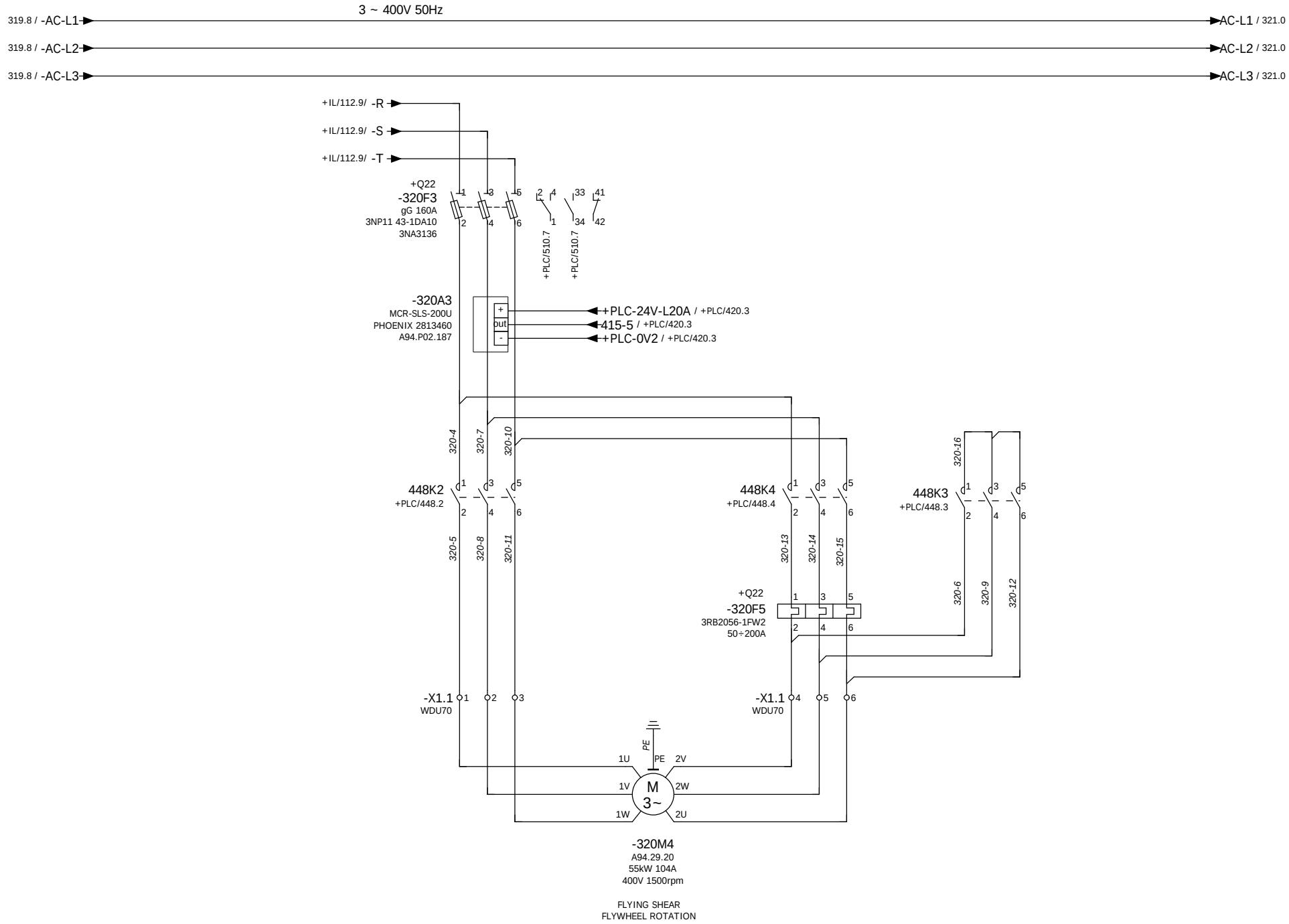
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POWER SUPPLY AC MOTORS

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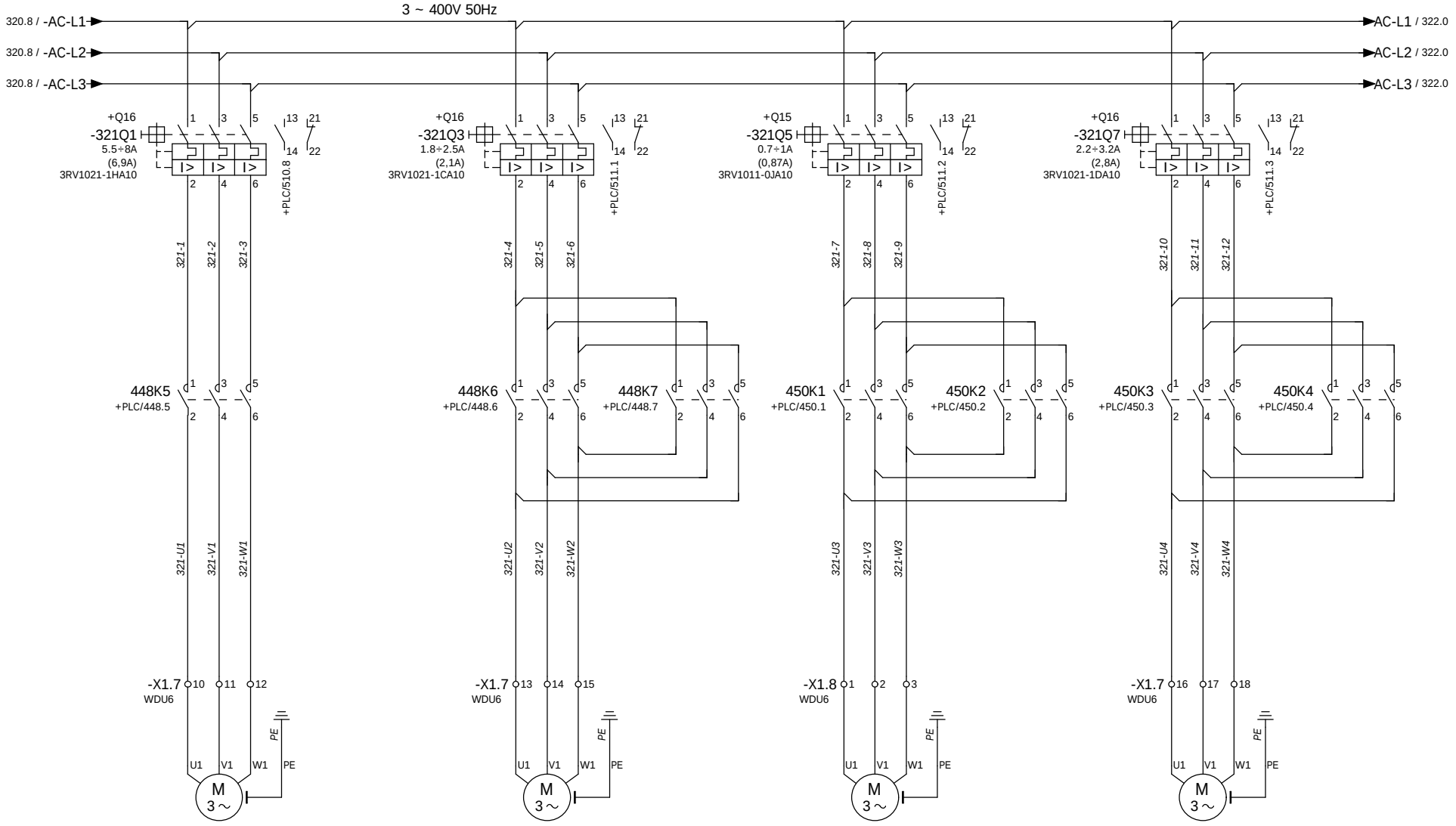
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POWER SUPPLY AC MOTORS

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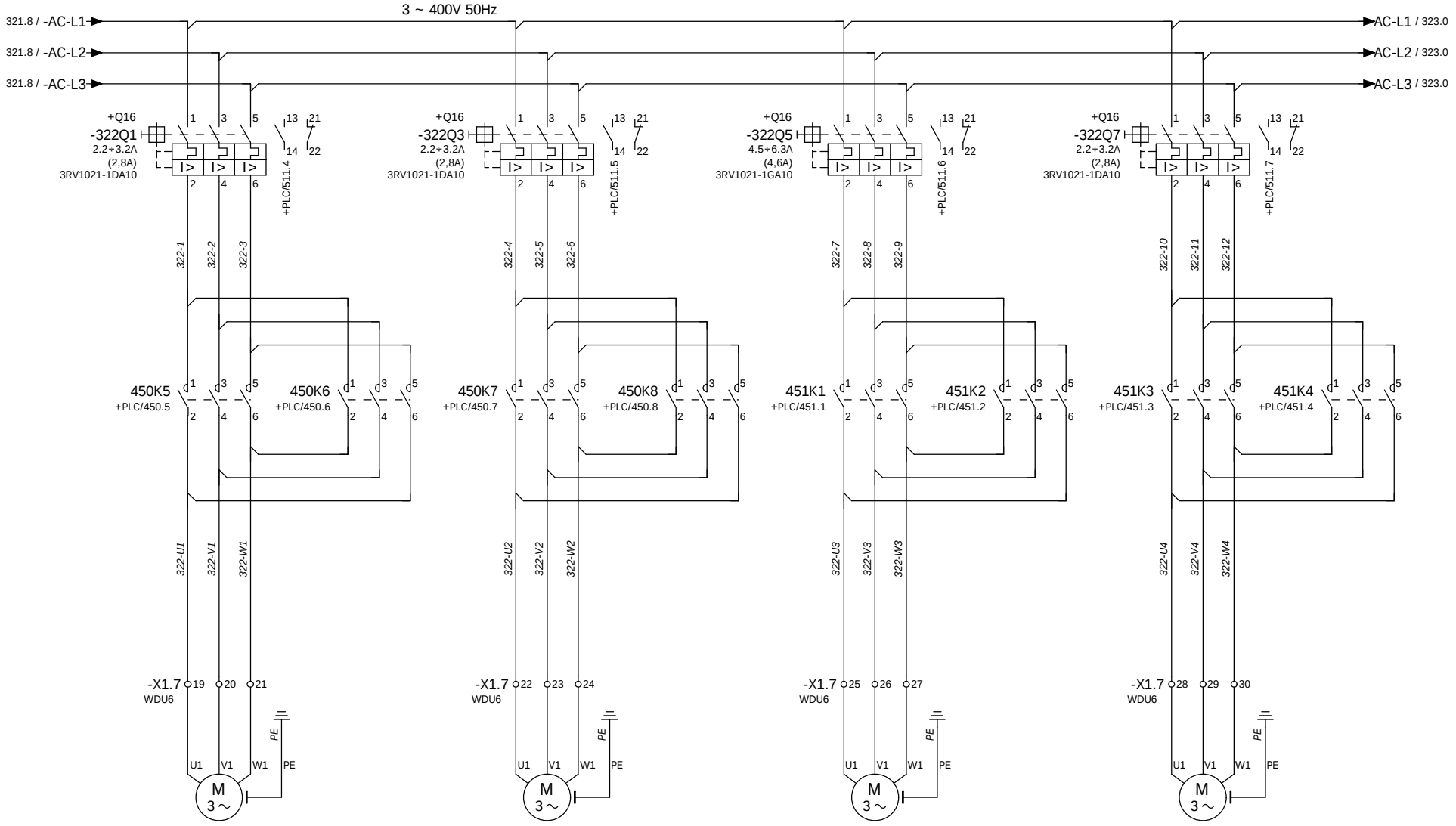
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POWER SUPPLY AC MOTORS

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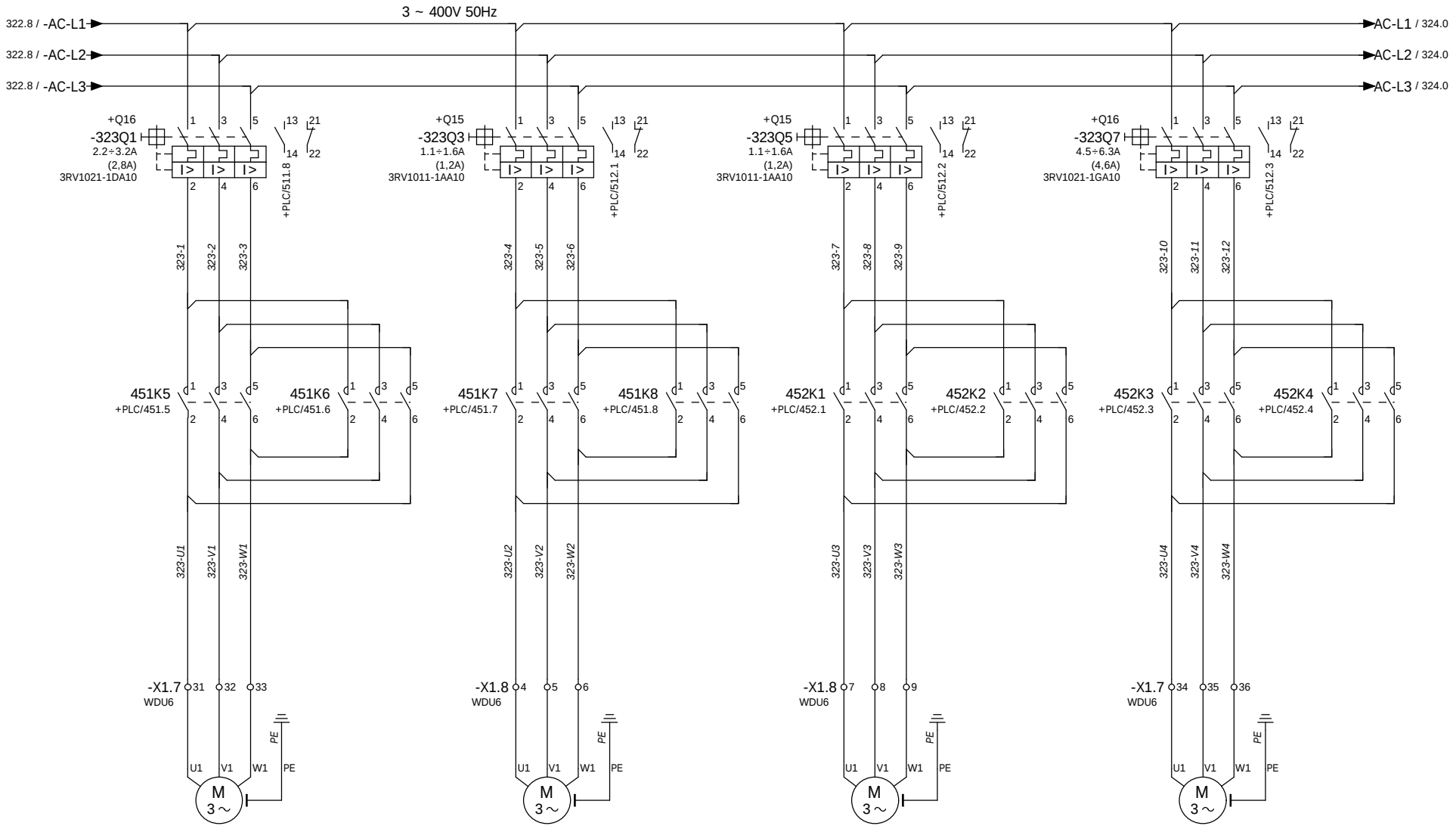
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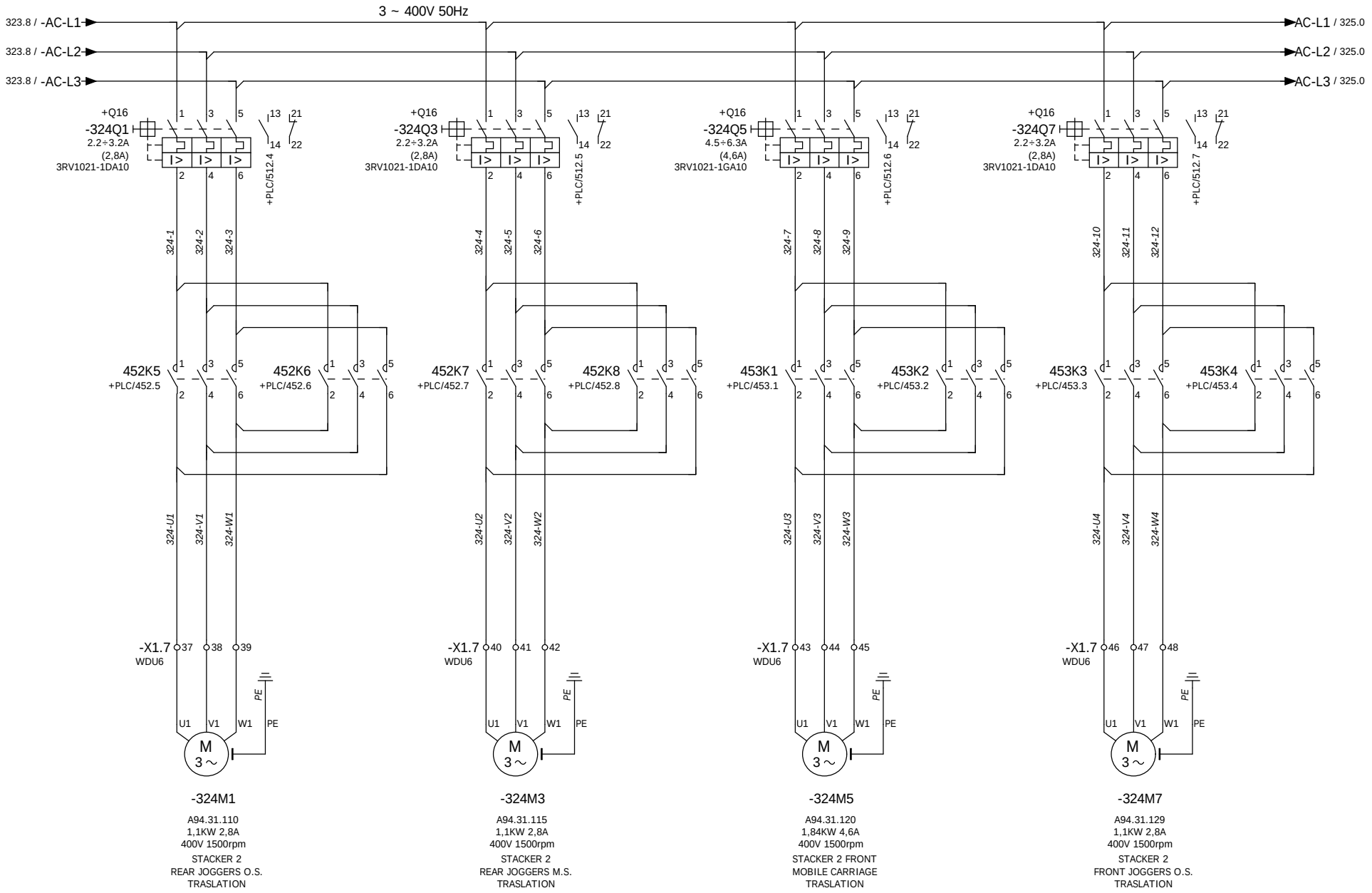
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GA-Tech

Descript.: POWER SUPPLY AC MOTORS

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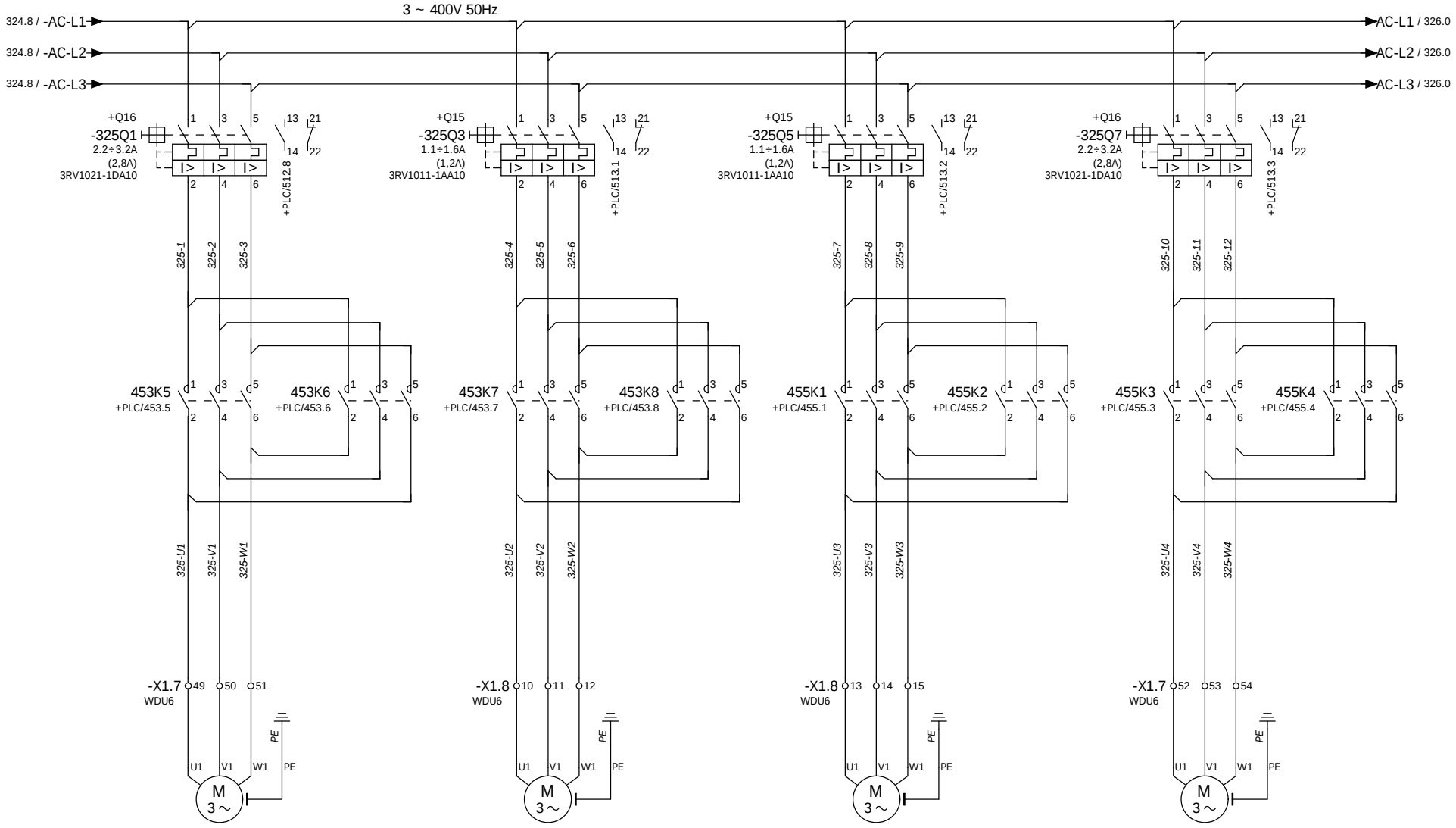
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GA-Tech

POWER SUPPLY AC MOTORS

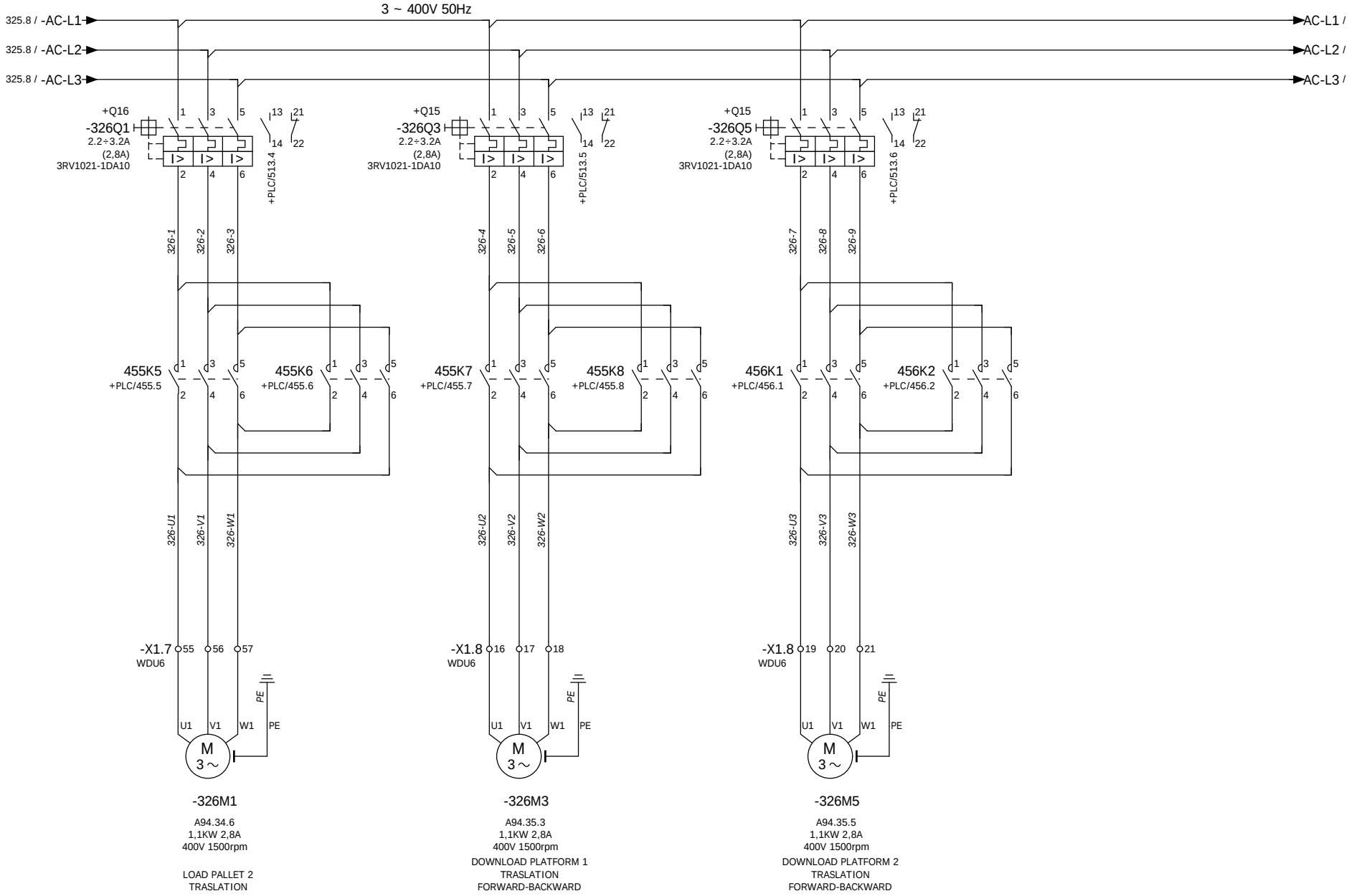
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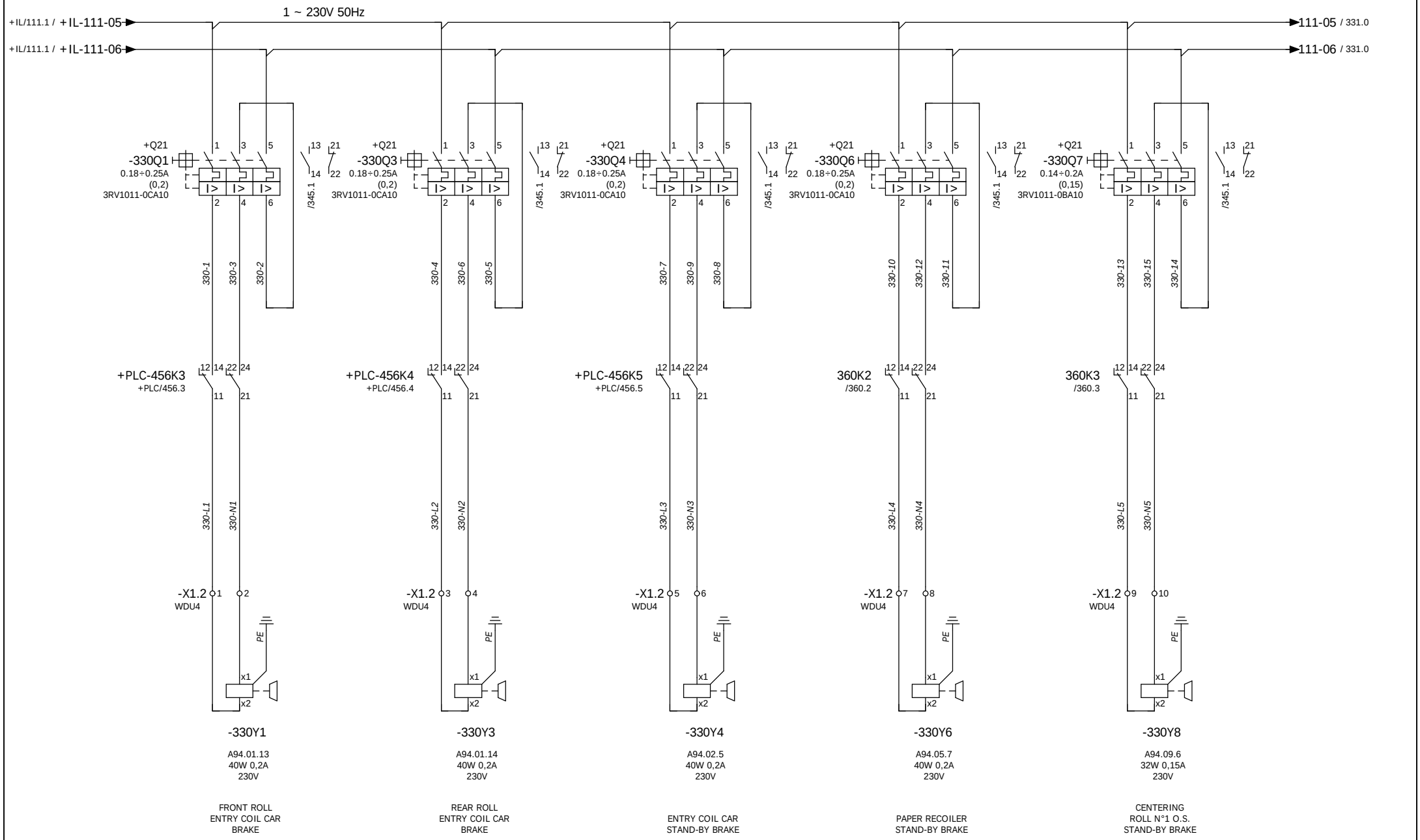
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POWER SUPPLY BRAKES

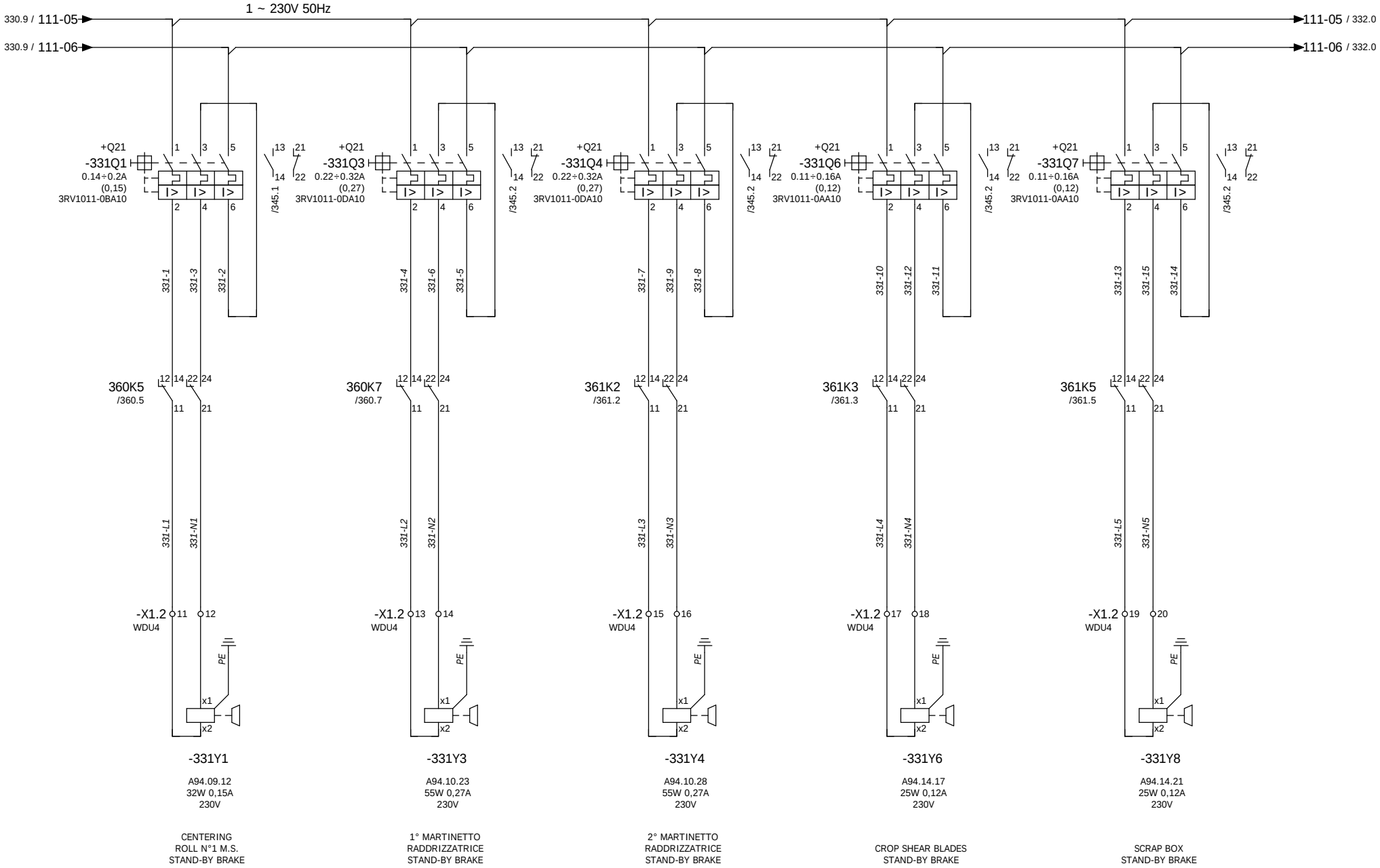
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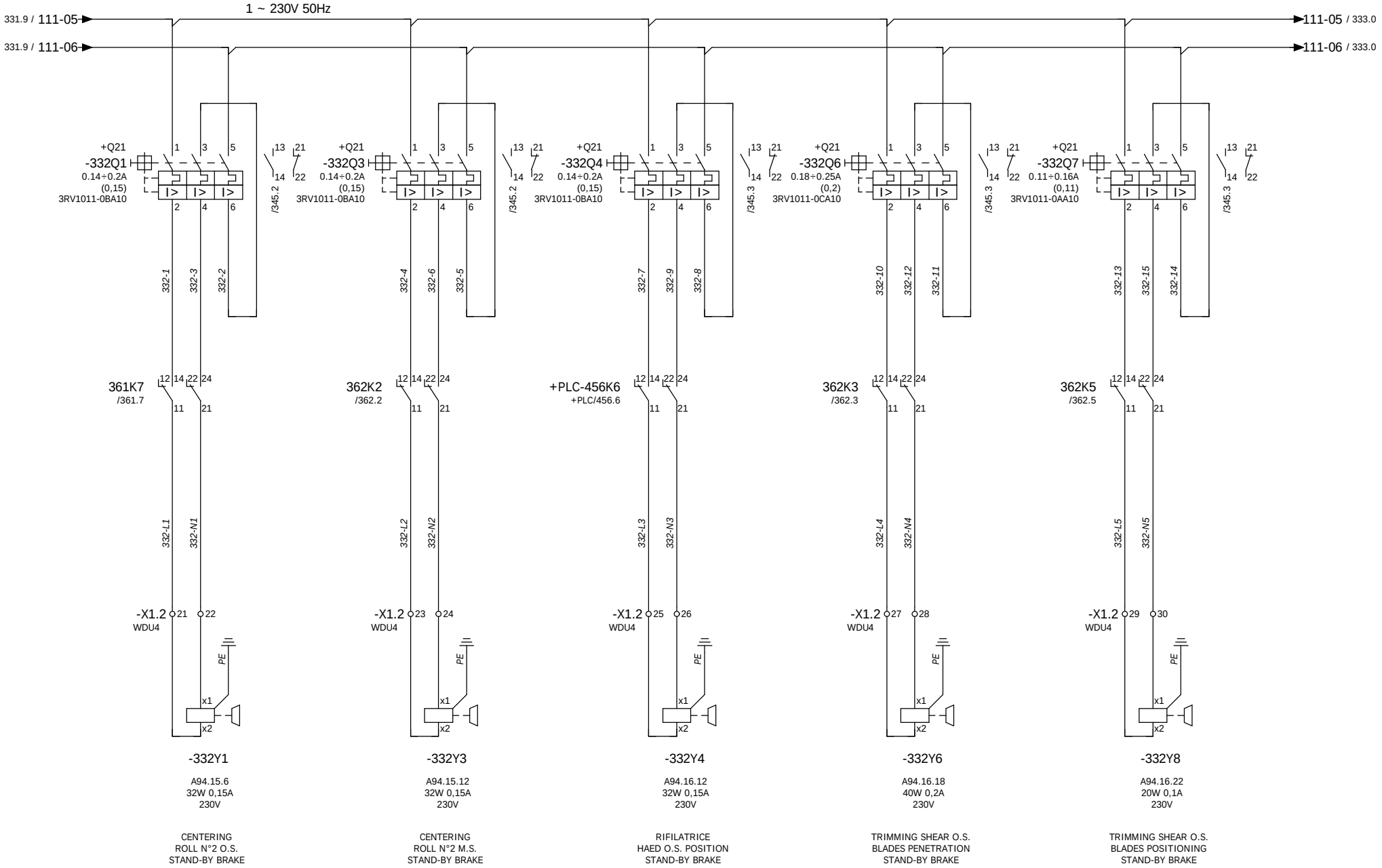
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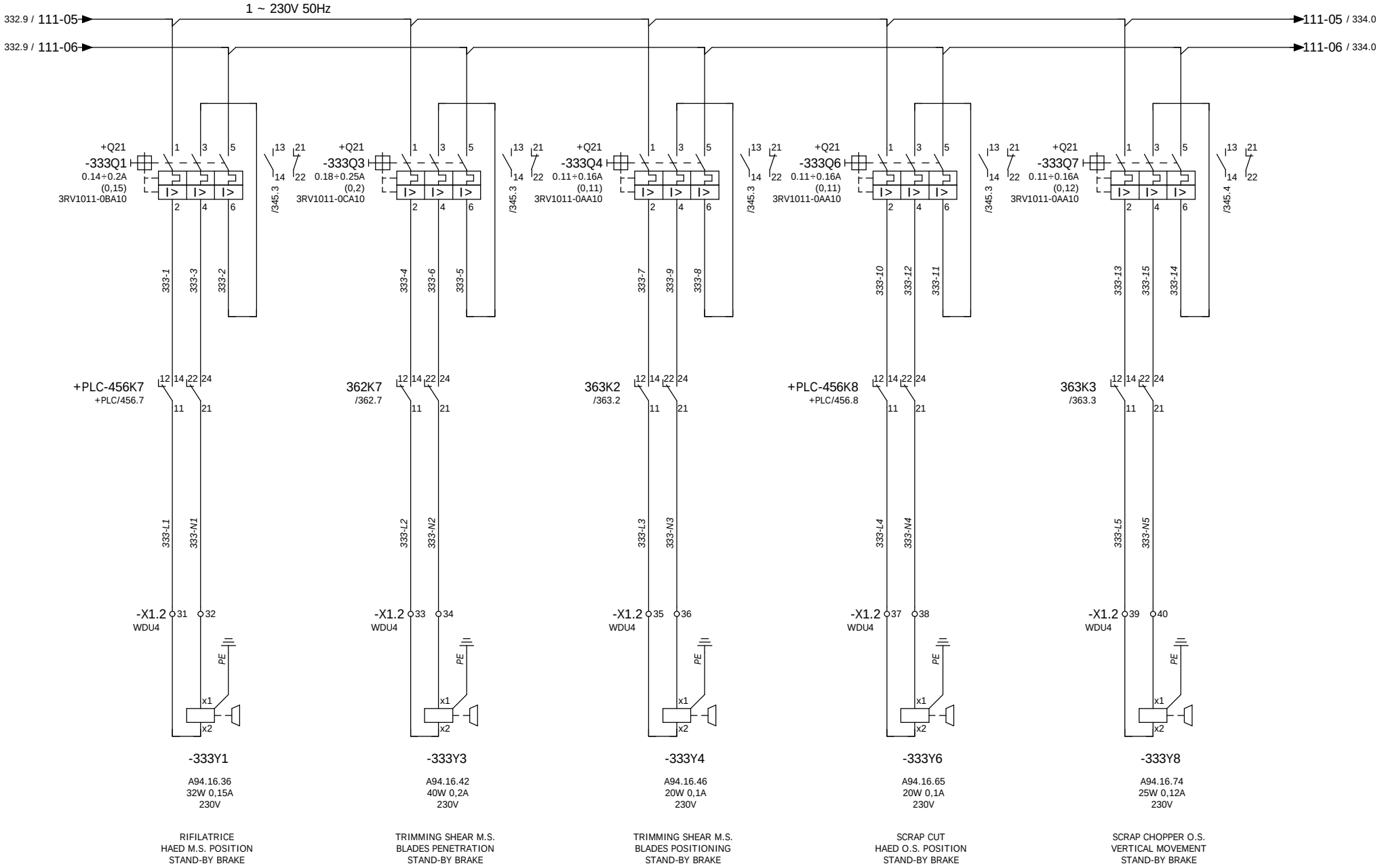
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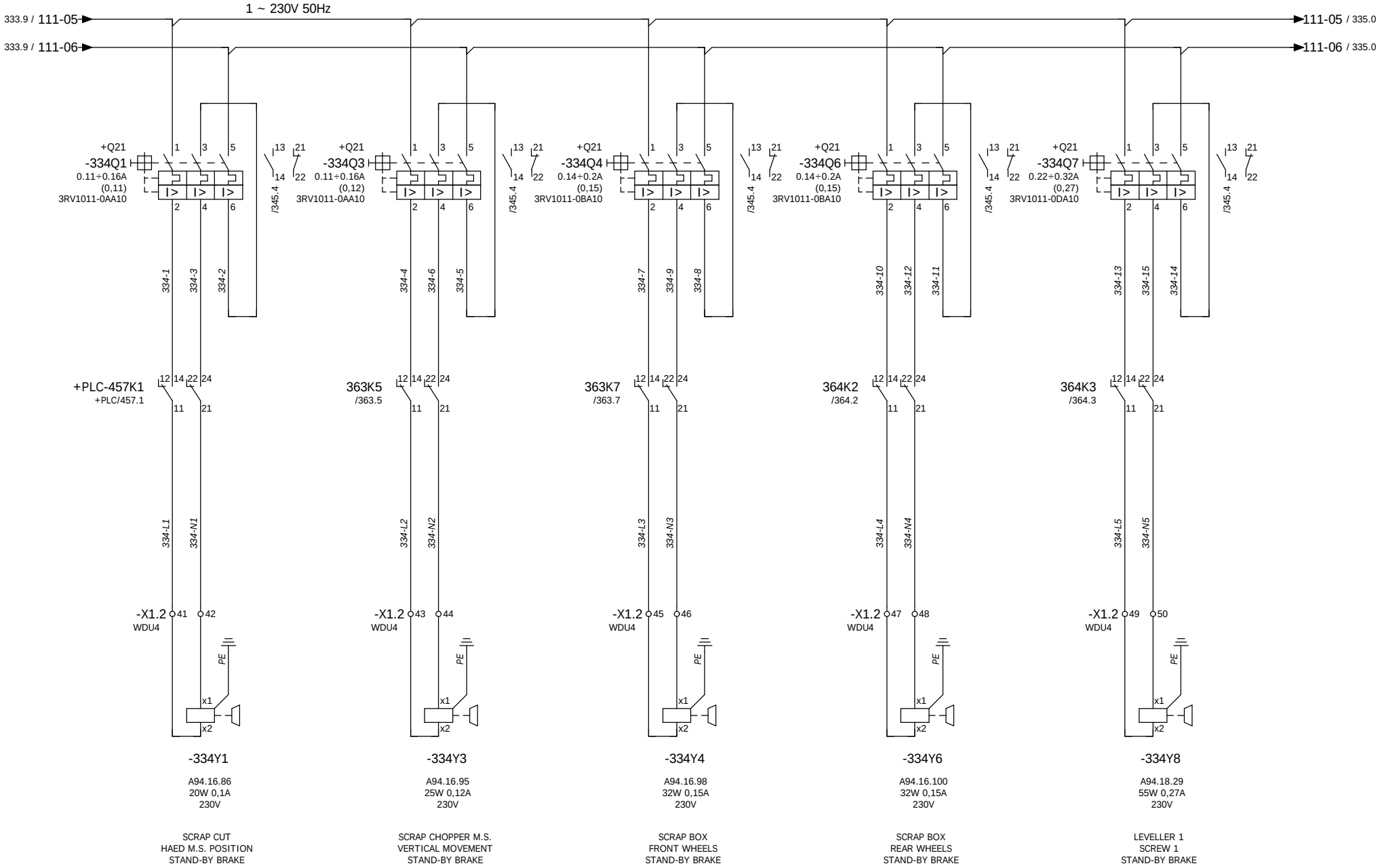
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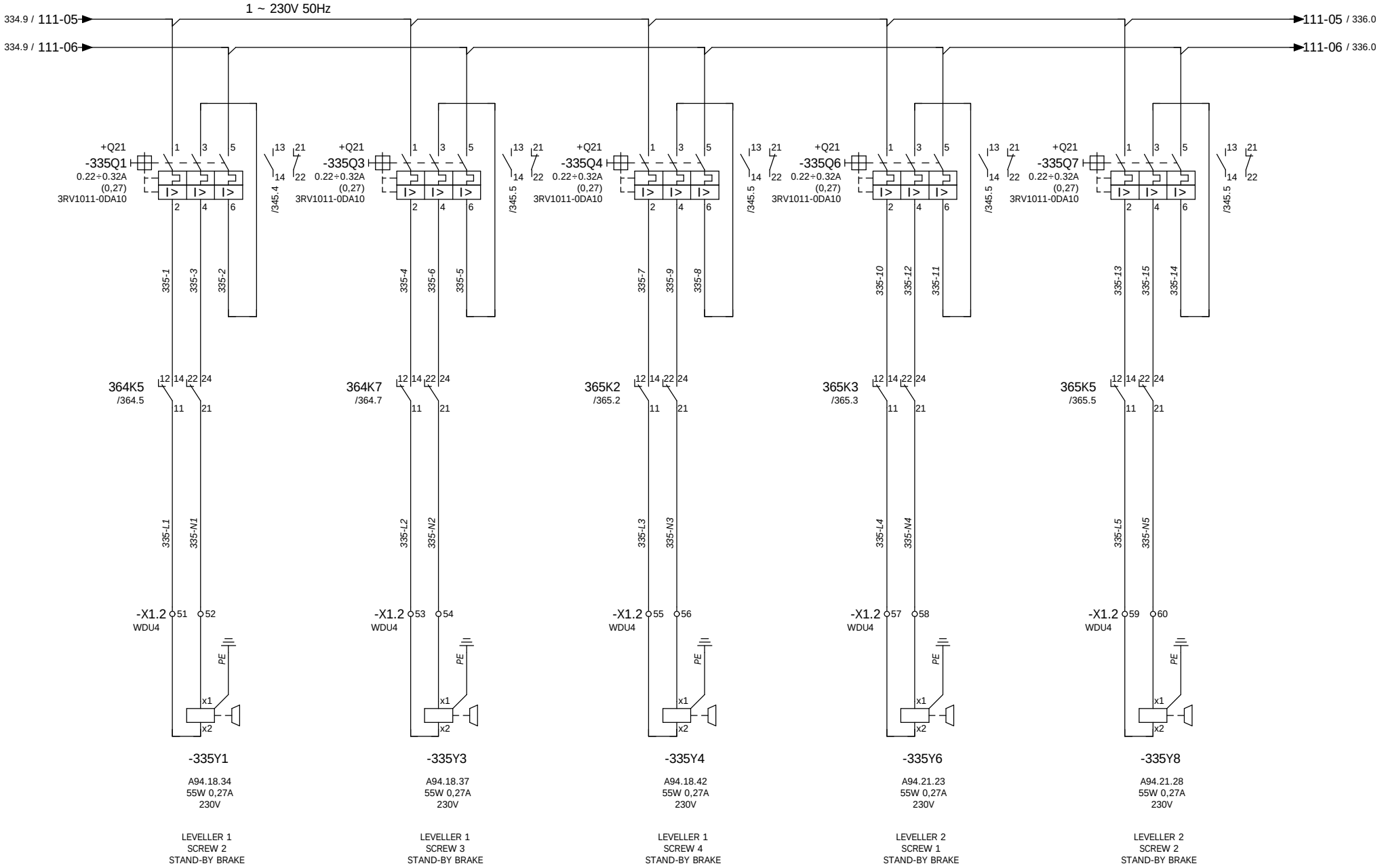
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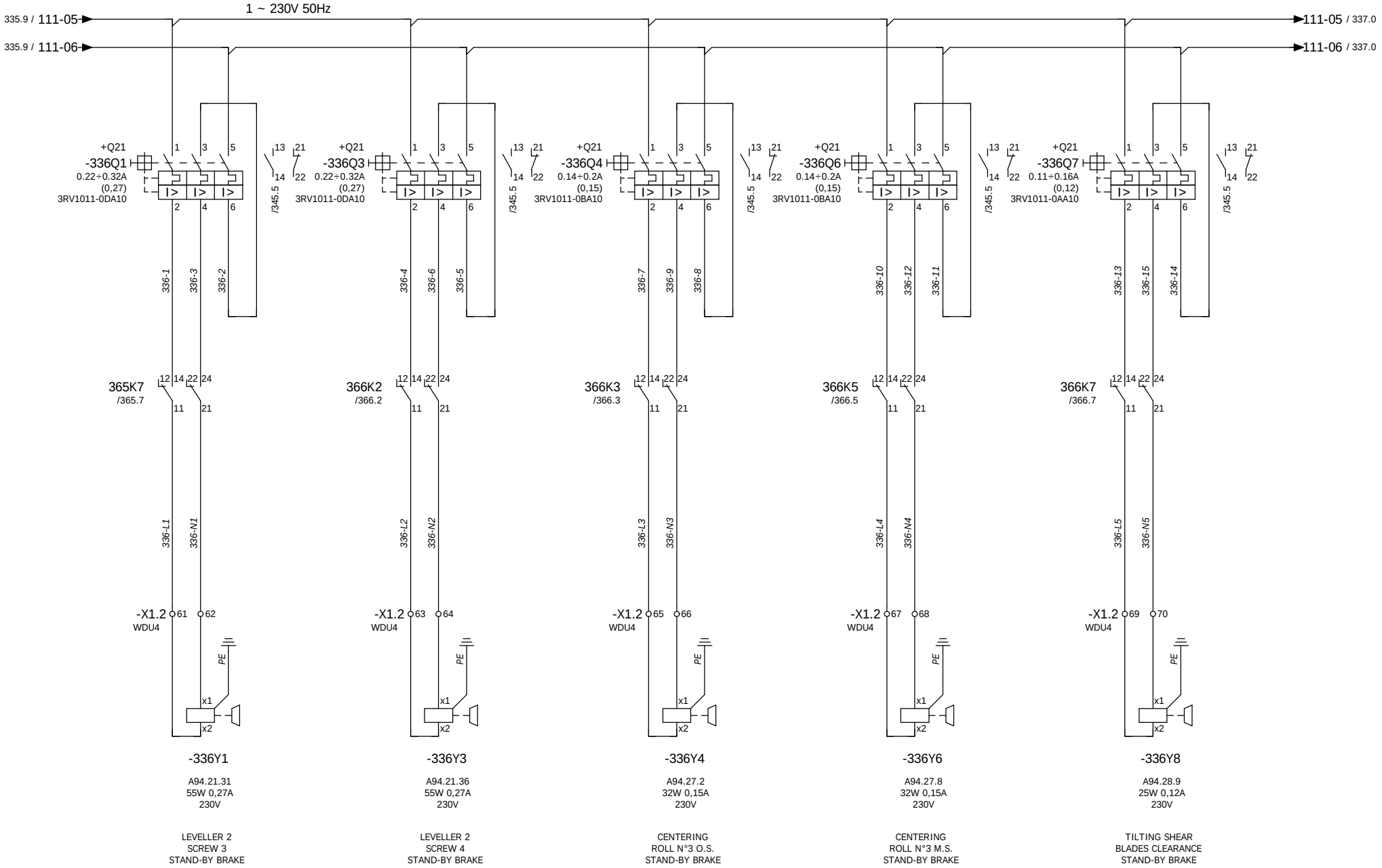
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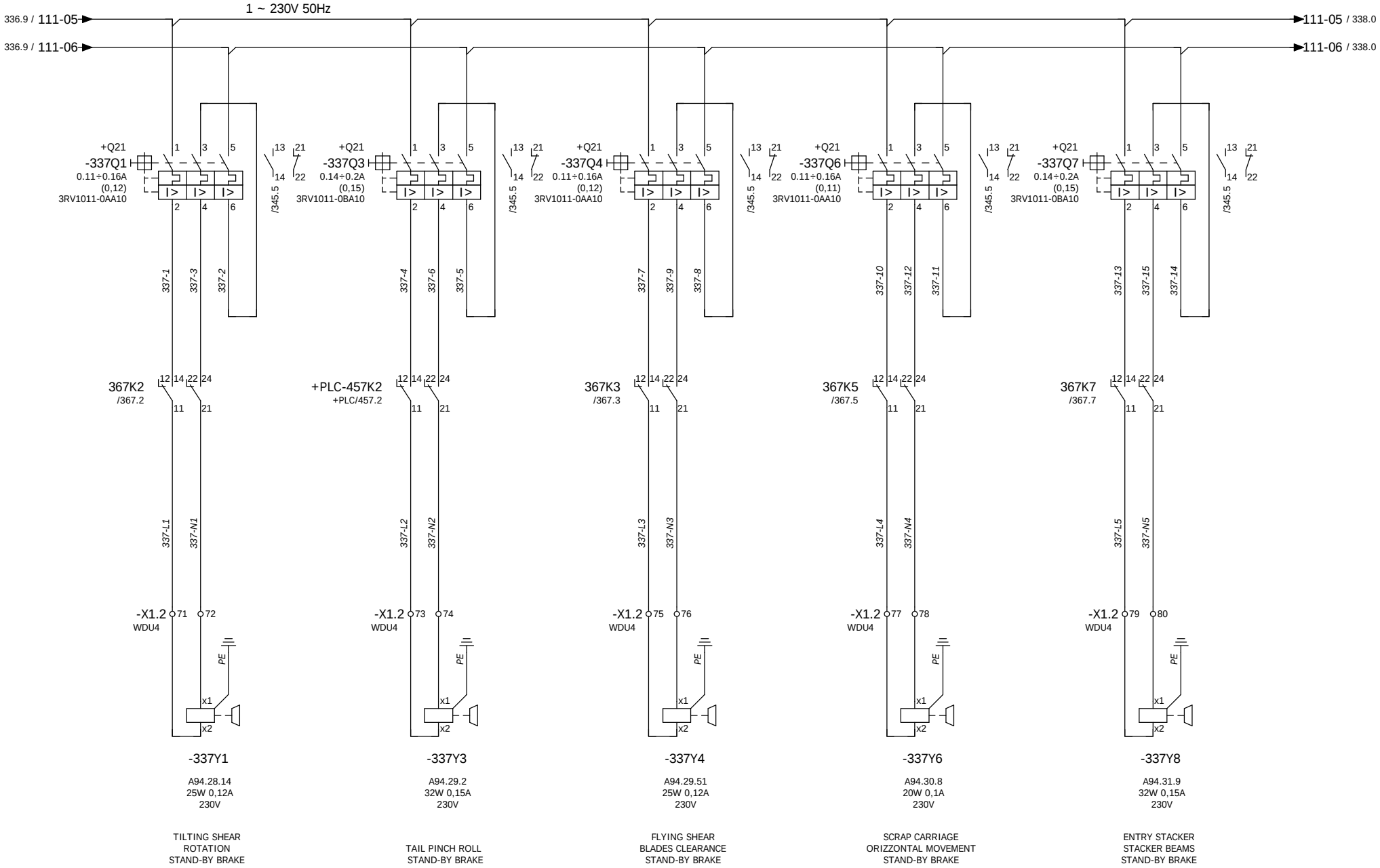
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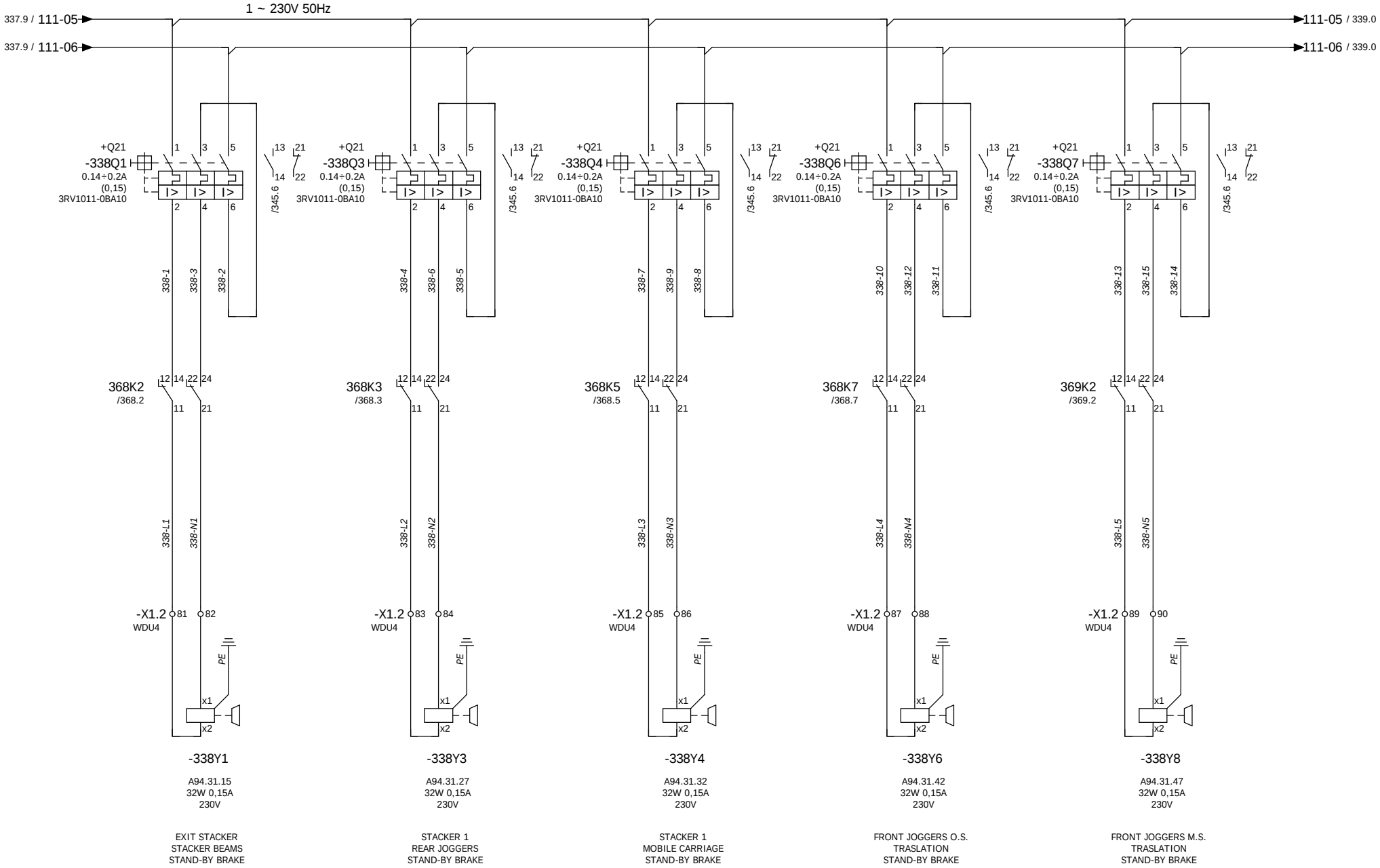
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Dwg.Nr. A94

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Rev.	Descript.	Date	Name
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Date	27.03.2012
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY BRAKES

NOVASTILMEC A94

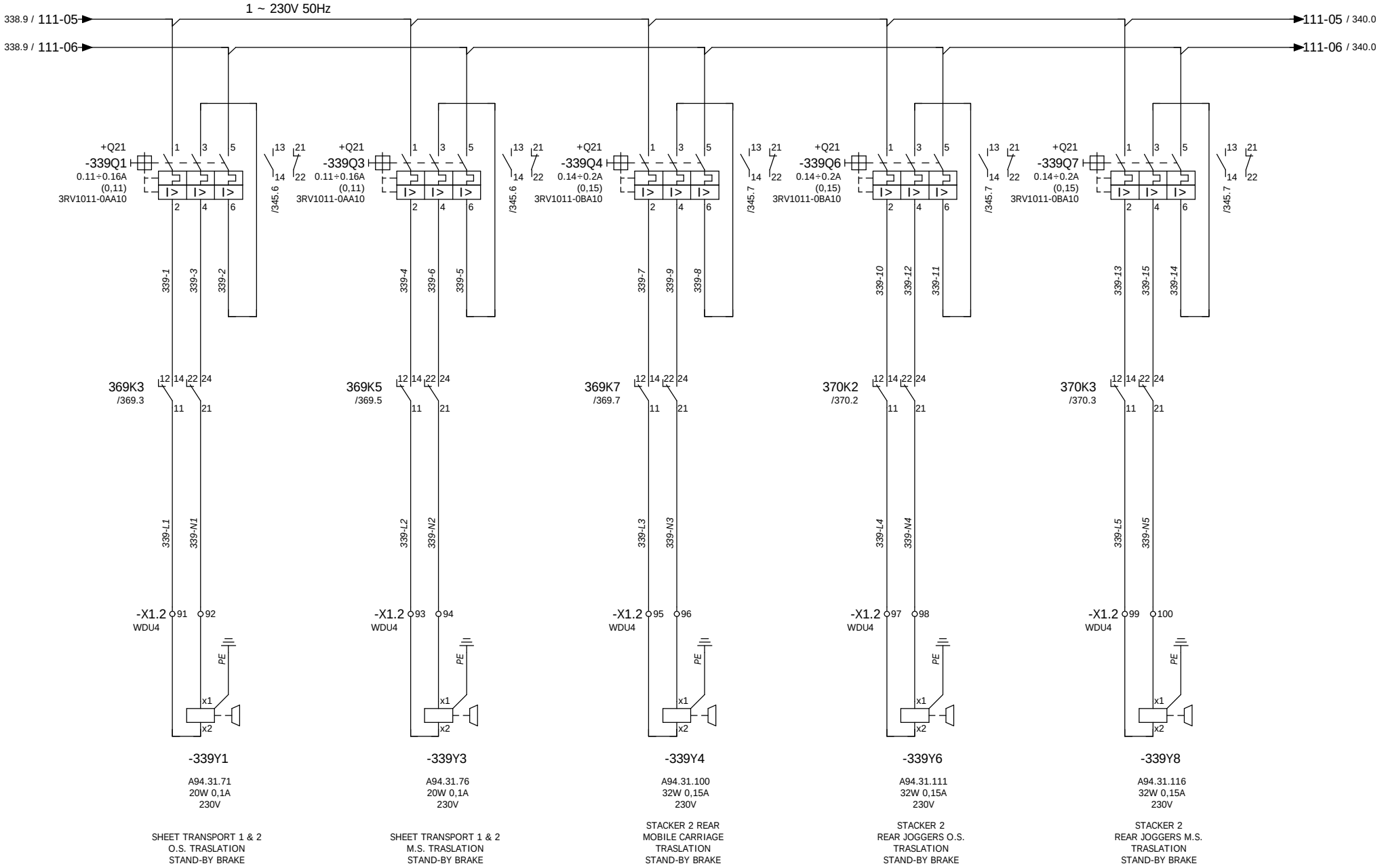
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Dwg.Nr. A94

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Rev.	Descript.	Date	Name
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY BRAKES

NOVASTILMEC A94

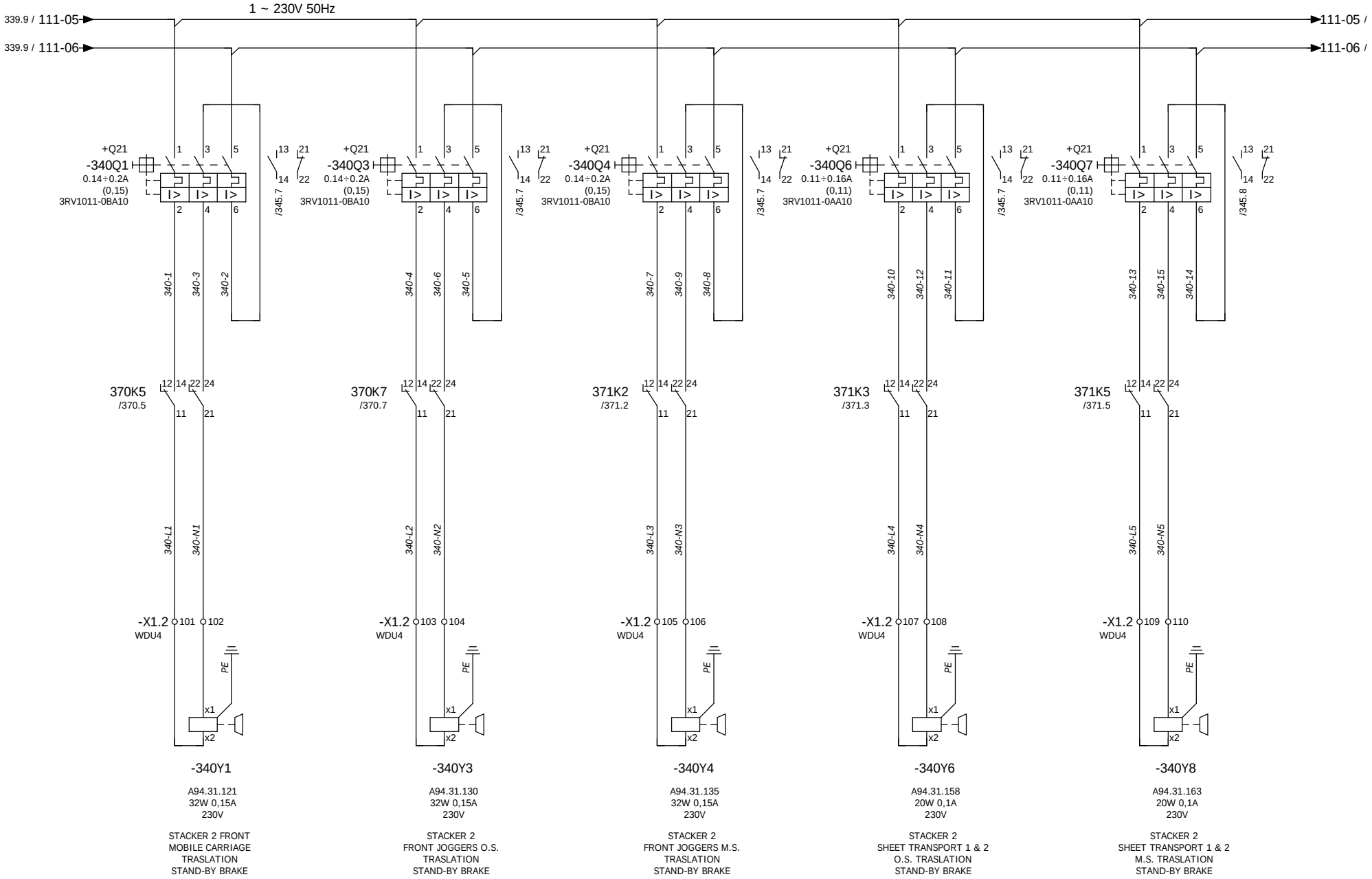
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Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY BRAKES

Descript.

NOVASTILMEC A94

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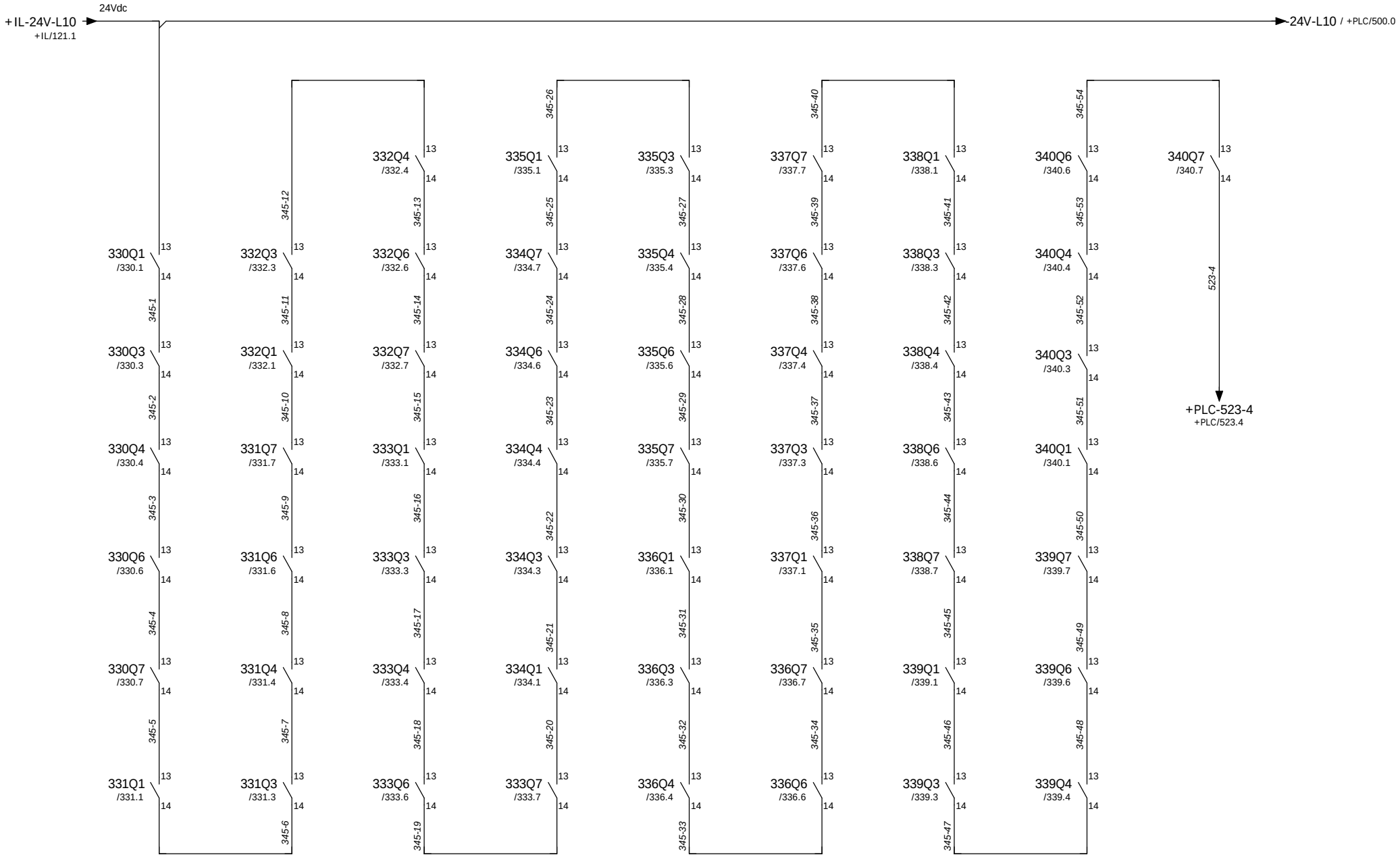
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Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY BRAKES

Descript.

NOVASTILMEC A94

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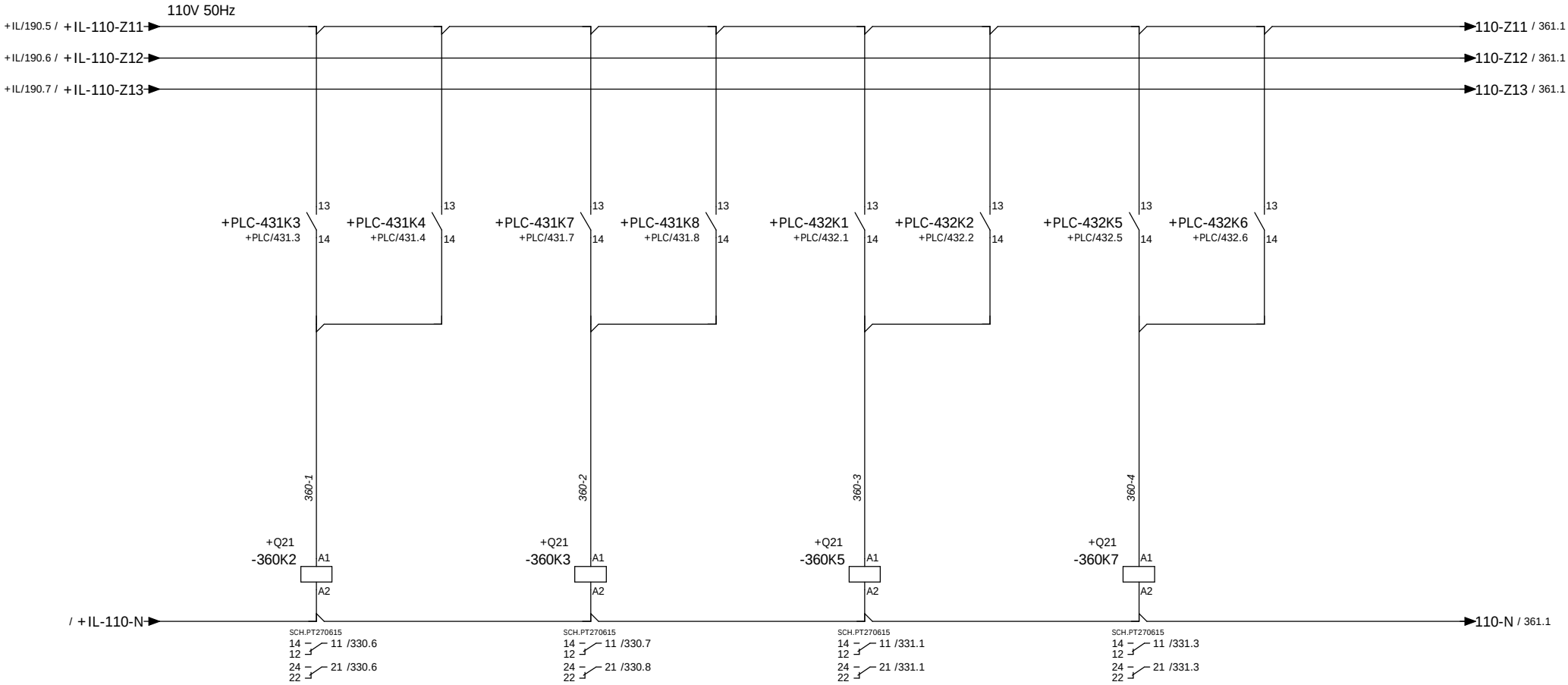
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Dwg.Nr. A94

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PAPER RECOILER
STAND-BY BRAKE
INSERTION

CENTERING
ROLL N°1 O.S.
STAND-BY BRAKE

CENTERING
ROLL N°1 M.S.
STAND-BY BRAKE

1° MARTINETTO
RADDRIZZATRICE
STAND-BY BRAKE

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Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

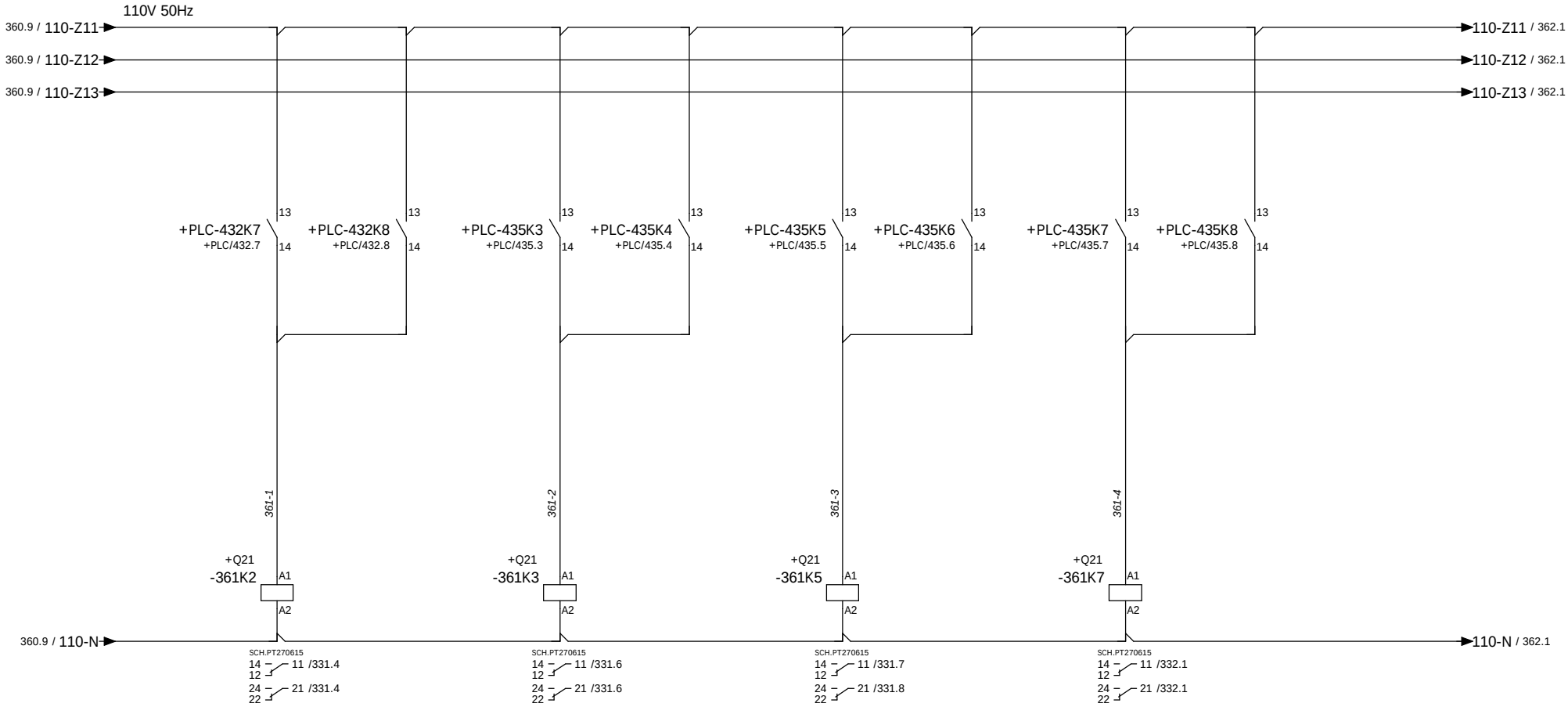
NOVASTILMEC A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

NOVASTILMEC A94

Job Nr.

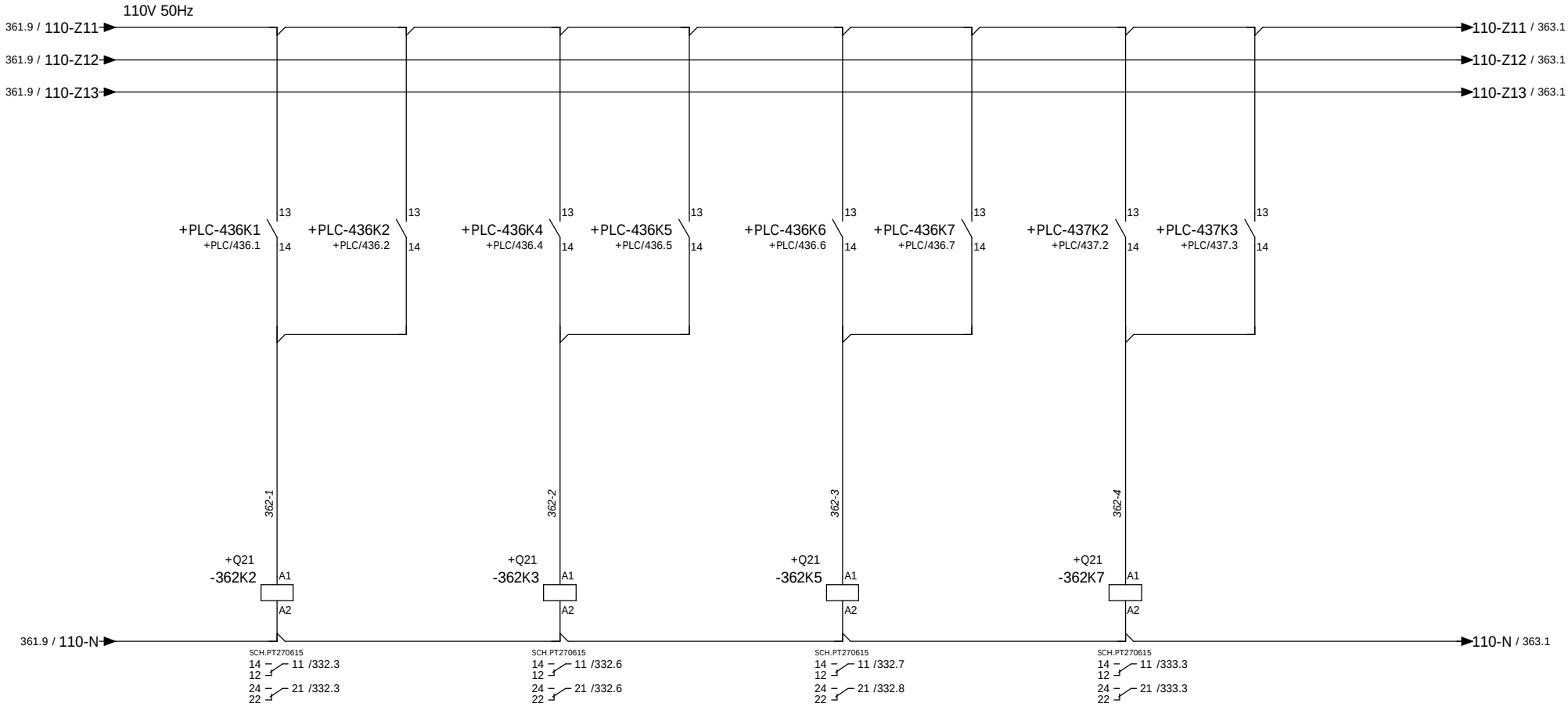
Dwg.Nr. A94

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CENTERING
ROLL N°2 M.S.
STAND-BY BRAKE

TRIMMING SHEAR O.S.
BLADES PENETRATION
STAND-BY BRAKE

TRIMMING SHEAR O.S.
BLADES POSITIONING
STAND-BY BRAKE

TRIMMING SHEAR M.S.
BLADES PENETRATION
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

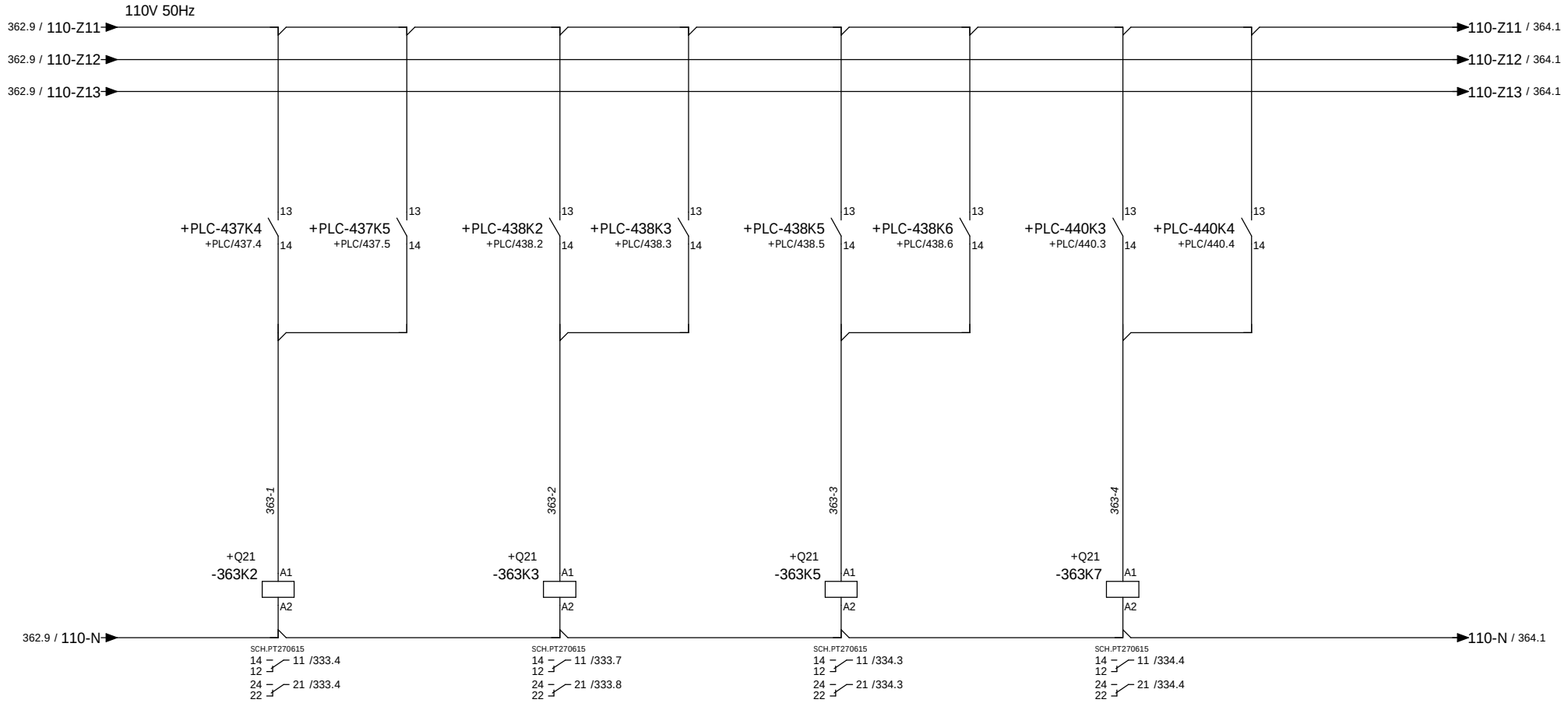
NOVASTILMEC A94

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Dwg.Nr. A94

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+ **AC**

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TRIMMING SHEAR M.S.
BLADES POSITIONING
STAND-BY BRAKE

SCRAP CHOPPER O.S.
VERTICAL MOVEMENT
STAND-BY BRAKE

SCRAP CHOPPER M.S.
VERTICAL MOVEMENT
STAND-BY BRAKE

SCRAP BOX
FRONT WHEELS
STAND-BY BRAKE

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Check	ALE
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

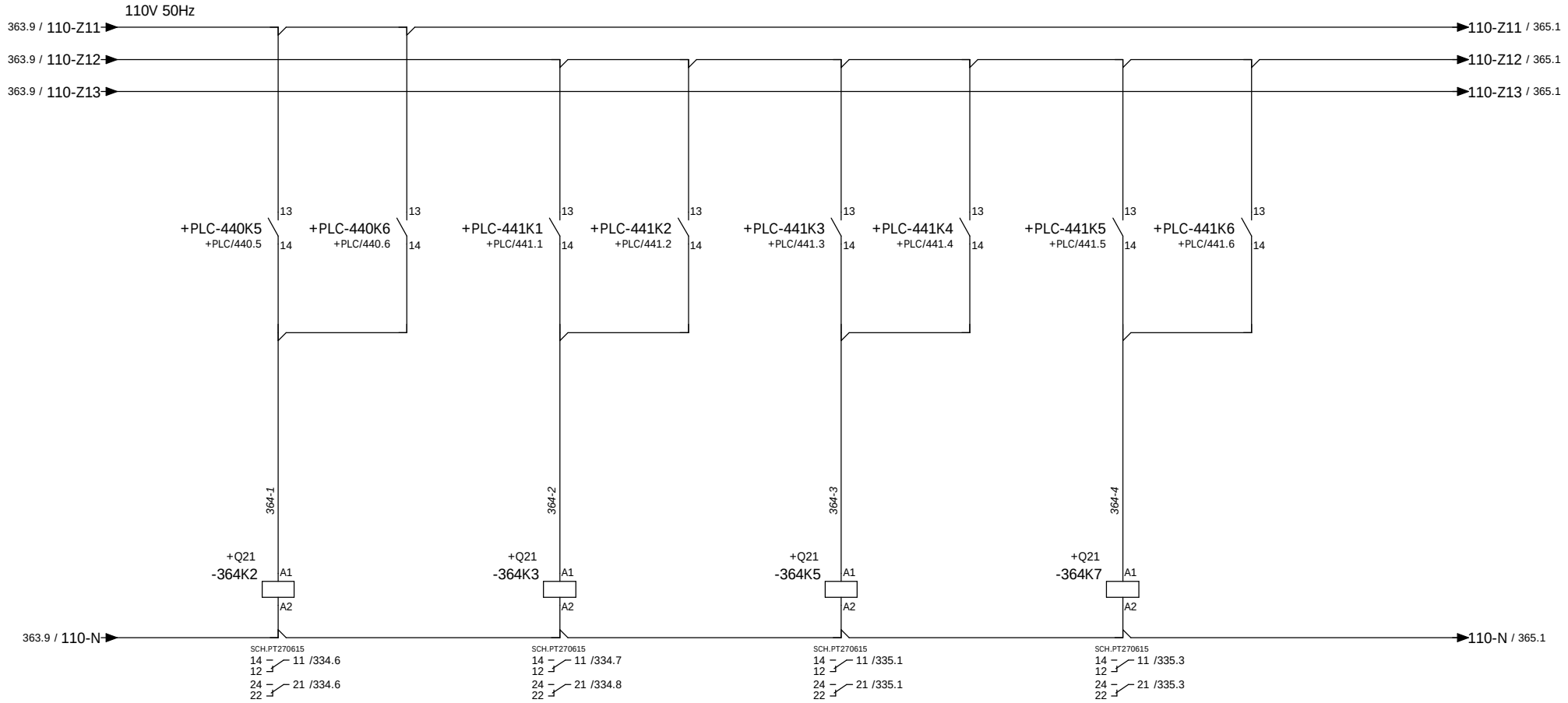
NOVASTILMEC A94

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SCRAP BOX
REAR WHEELS
STAND-BY BRAKE

LEVELLER 1
SCREW 1
STAND-BY BRAKE

LEVELLER 1
SCREW 2
STAND-BY BRAKE

LEVELLER 1
SCREW 3
STAND-BY BRAKE

Rev.	Descript.	Date	Name
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

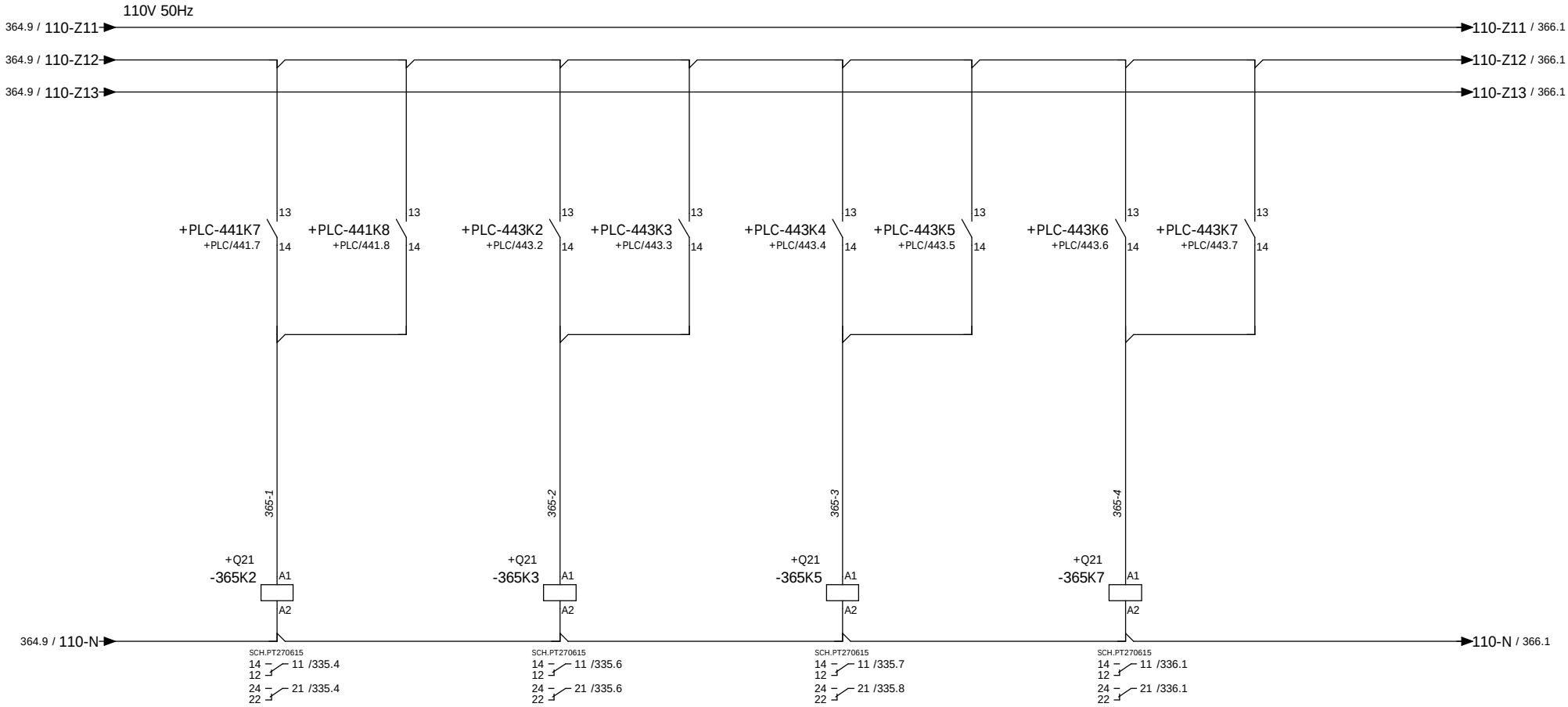
NOVASTILMEC A94

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LEVELLER 1
SCREW 4
STAND-BY BRAKE

LEVELLER 2
SCREW 1
STAND-BY BRAKE

LEVELLER 2
SCREW 2
STAND-BY BRAKE

LEVELLER 2
SCREW 3
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

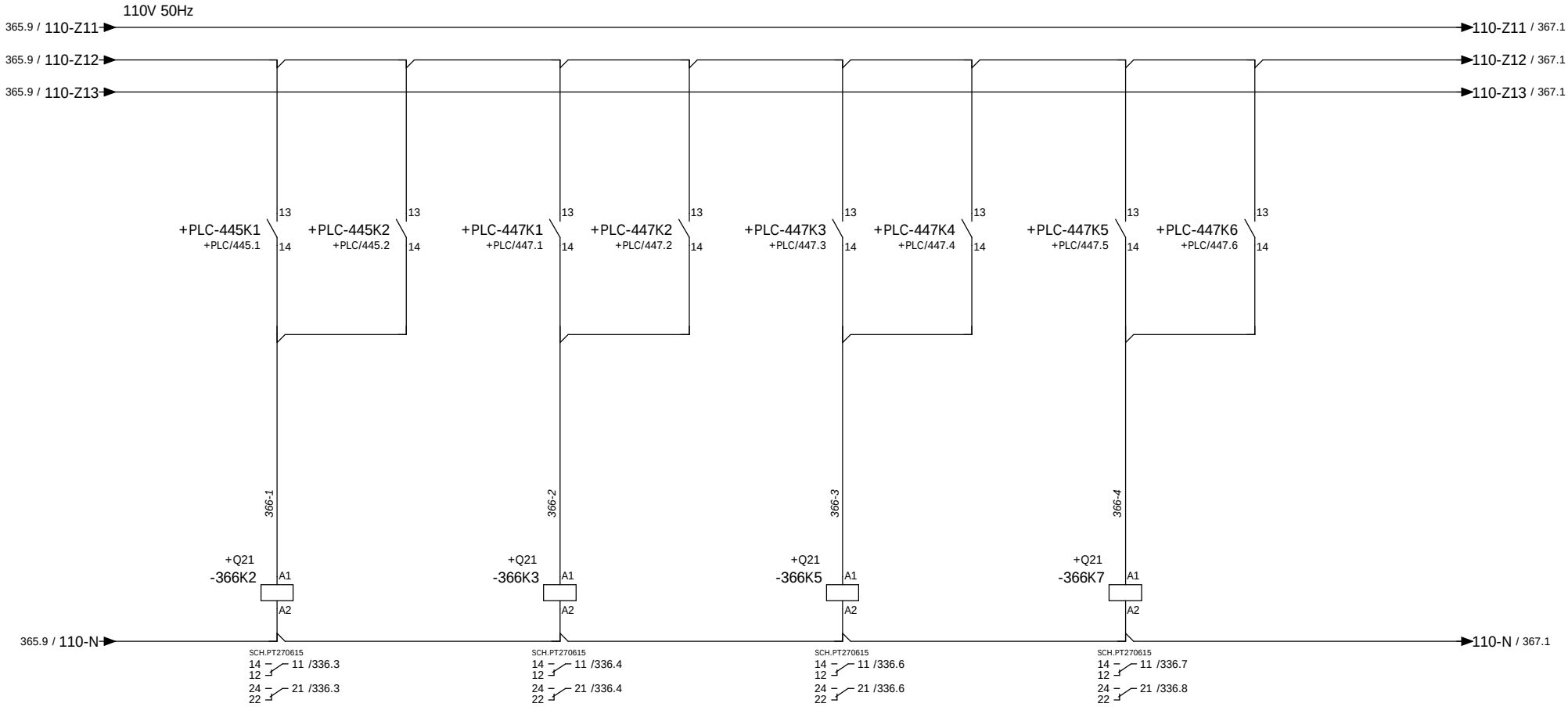
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

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LEVELLER 2
SCREW 4
STAND-BY BRAKE

CENTERING
ROLL N°3 O.S.
STAND-BY BRAKE

CENTERING
ROLL N°3 M.S.
STAND-BY BRAKE

TILTING SHEAR
BLADES CLEARANCE
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

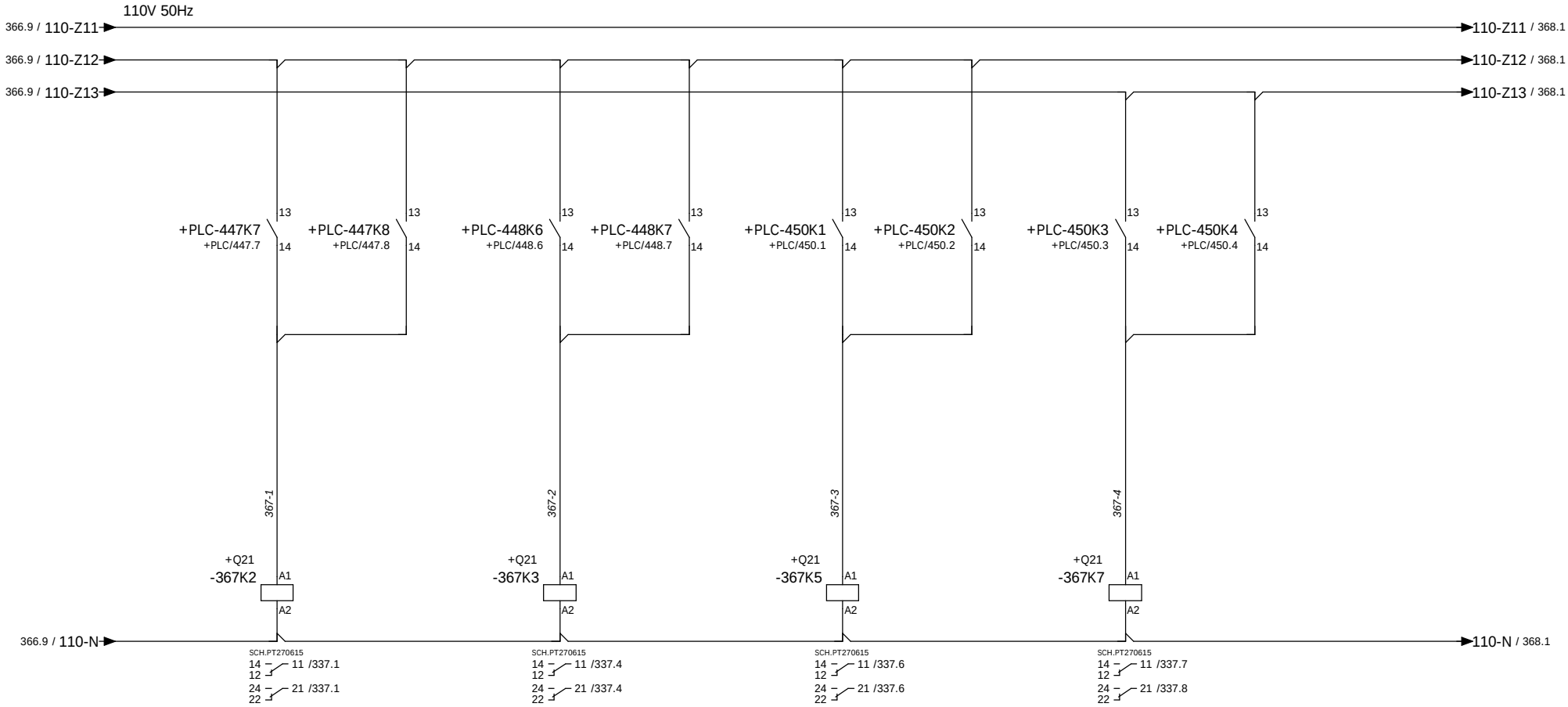
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Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

NOVASTILMEC A94

Job Nr.

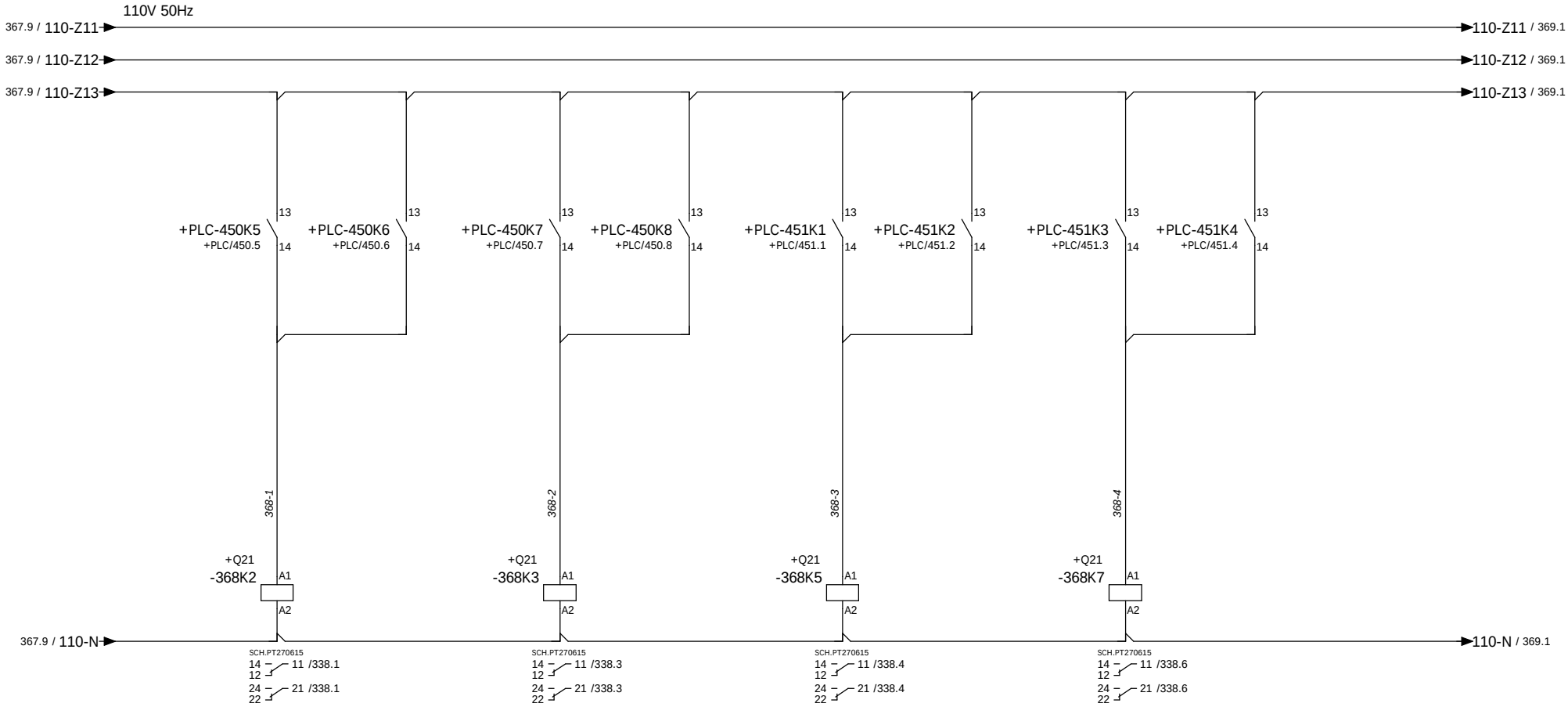
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EXIT STACKER
STACKER BEAMS
STAND-BY BRAKE

STACKER 1
REAR JOGGERS
STAND-BY BRAKE

STACKER 1
MOBILE CARRIAGE
STAND-BY BRAKE

FRONT JOGGERS O.S.
TRASLATION
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

NOVASTILMEC A94

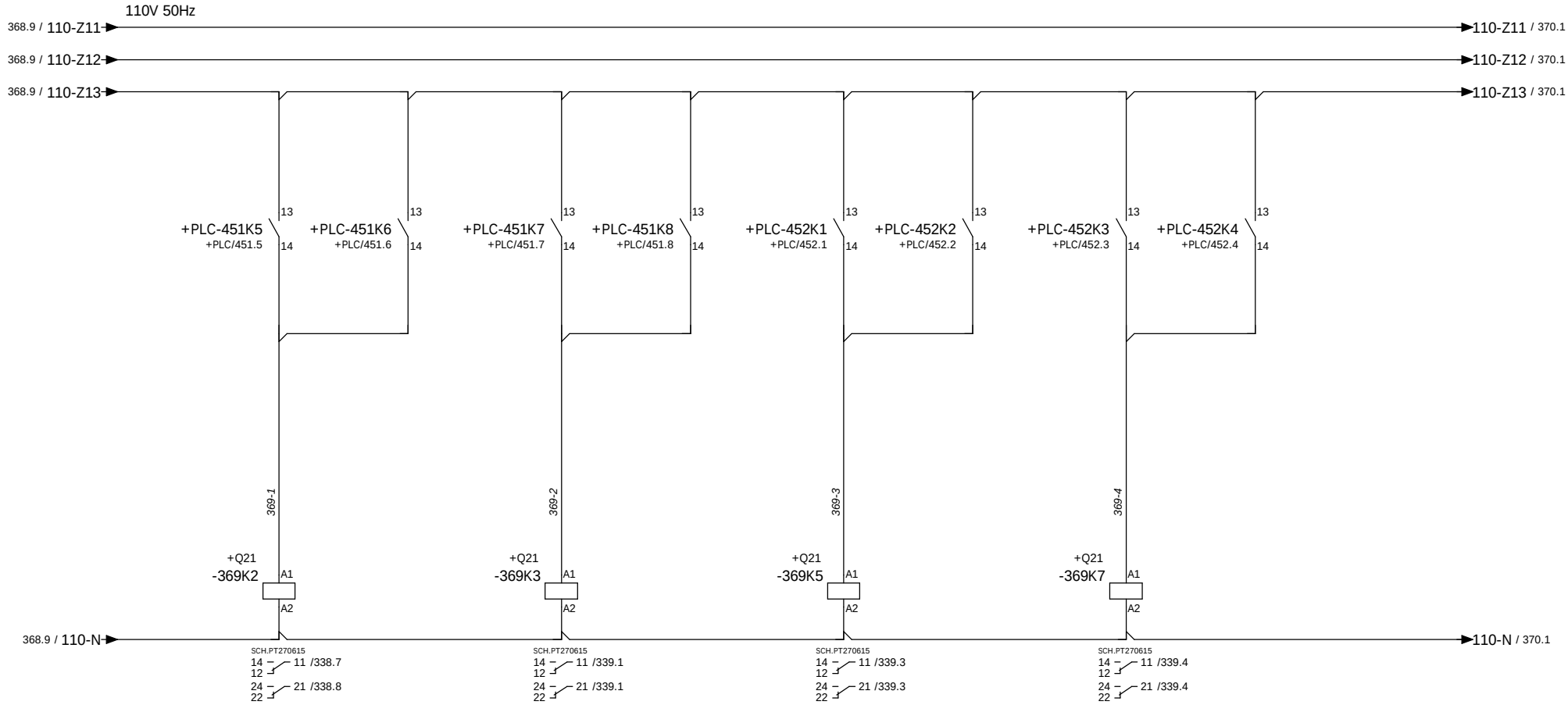
Job Nr.

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FRONT JOGGERS M.S.
TRASLATION
STAND-BY BRAKE

SHEET TRANSPORT 1 & 2
O.S. TRASLATION
STAND-BY BRAKE

SHEET TRANSPORT 1 & 2
M.S. TRASLATION
STAND-BY BRAKE

STACKER 2 REAR
MOBILE CARRIAGE
TRASLATION
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

NOVASTILMEC A94

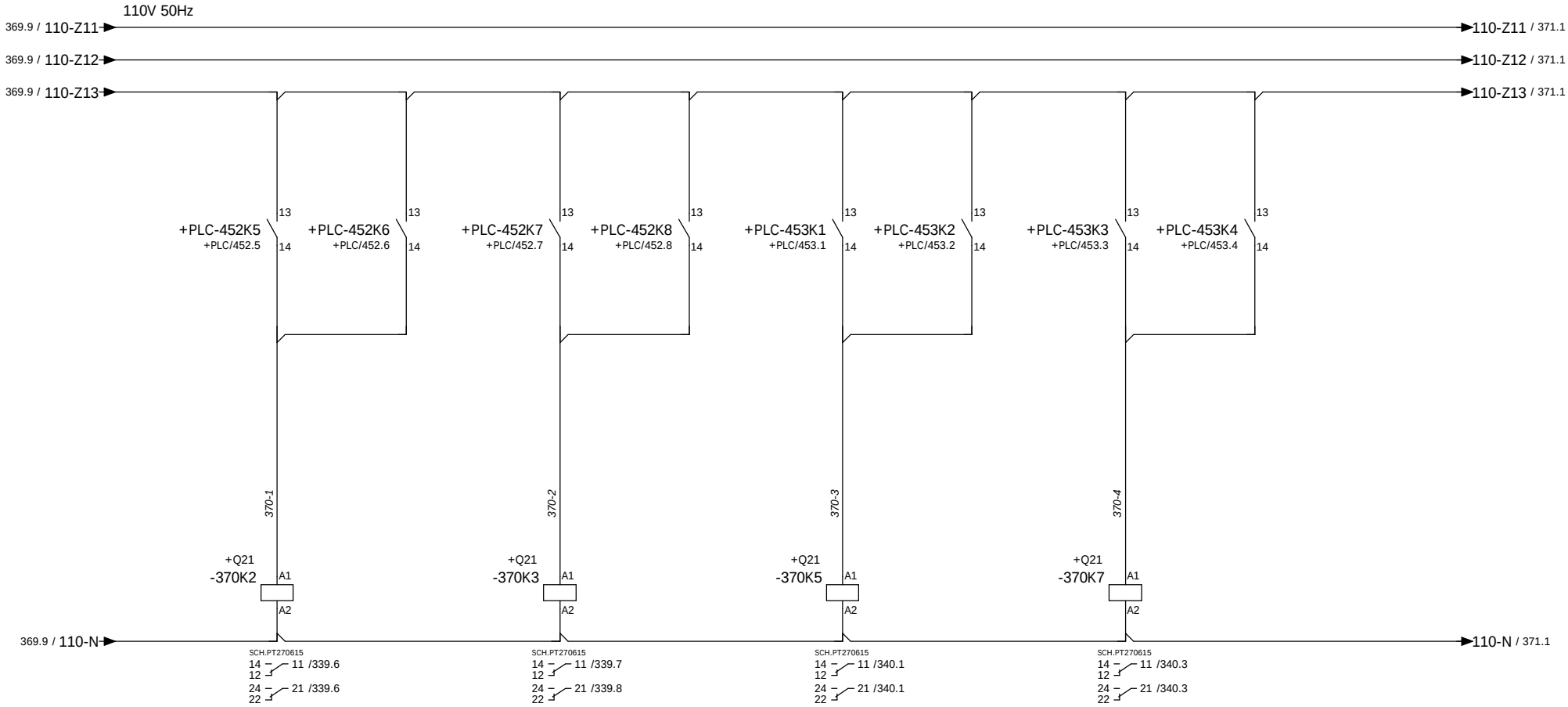
Job Nr.

Dwg.Nr. A94

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STACKER 2
REAR JOGGERS O.S.
TRASLATION
STAND-BY BRAKE

STACKER 2
REAR JOGGERS M.S.
TRASLATION
STAND-BY BRAKE

STACKER 2 FRONT
MOBILE CARRIAGE
TRASLATION
STAND-BY BRAKE

STACKER 2
FRONT JOGGERS O.S.
TRASLATION
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

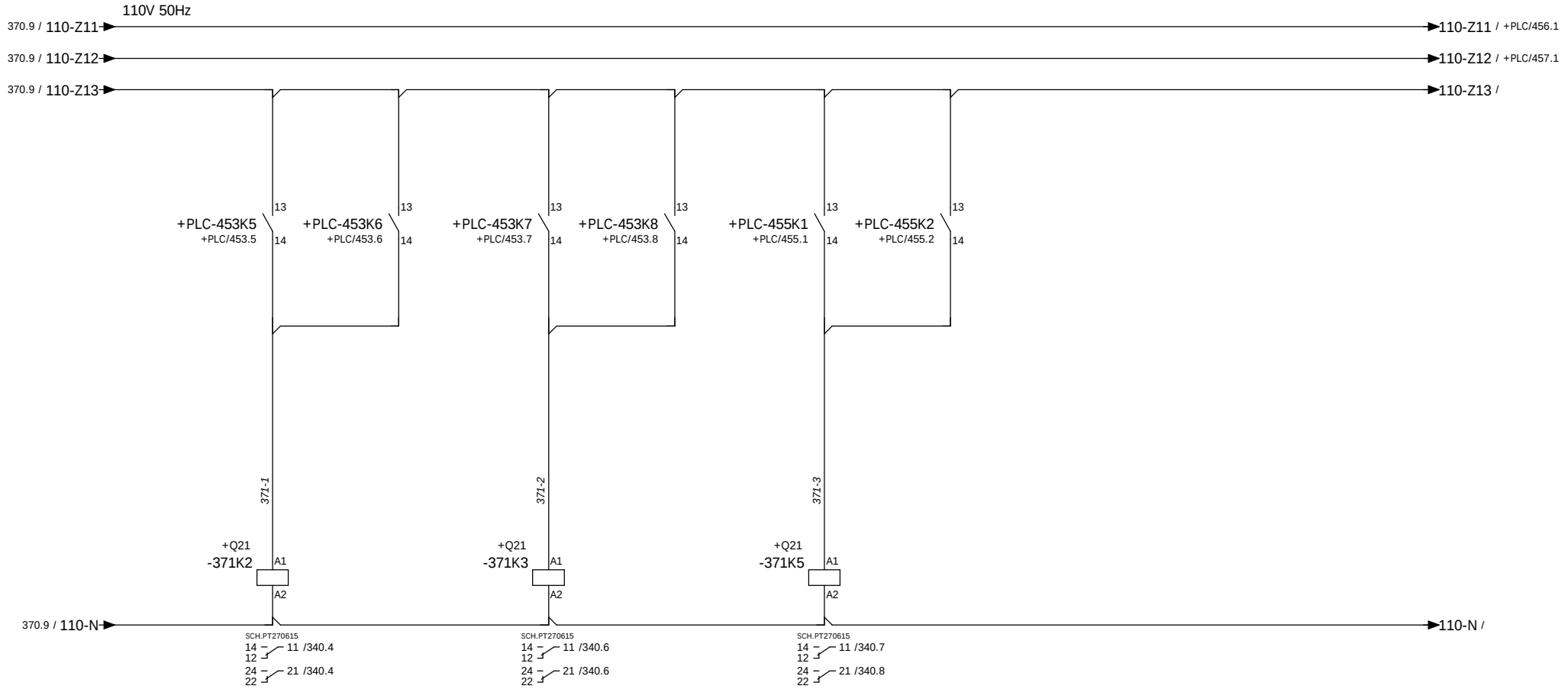
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

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+ **AC**

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STACKER 2
FRONT JOGGERS M.S.
TRASLATION
STAND-BY BRAKE

STACKER 2
SHEET TRANSPORT 1 & 2
O.S. TRASLATION
STAND-BY BRAKE

STACKER 2
SHEET TRANSPORT 1 & 2
M.S. TRASLATION
STAND-BY BRAKE

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

AUXILIARY CIRCUIT BRAKES

Descript.

NOVASTILMEC A94

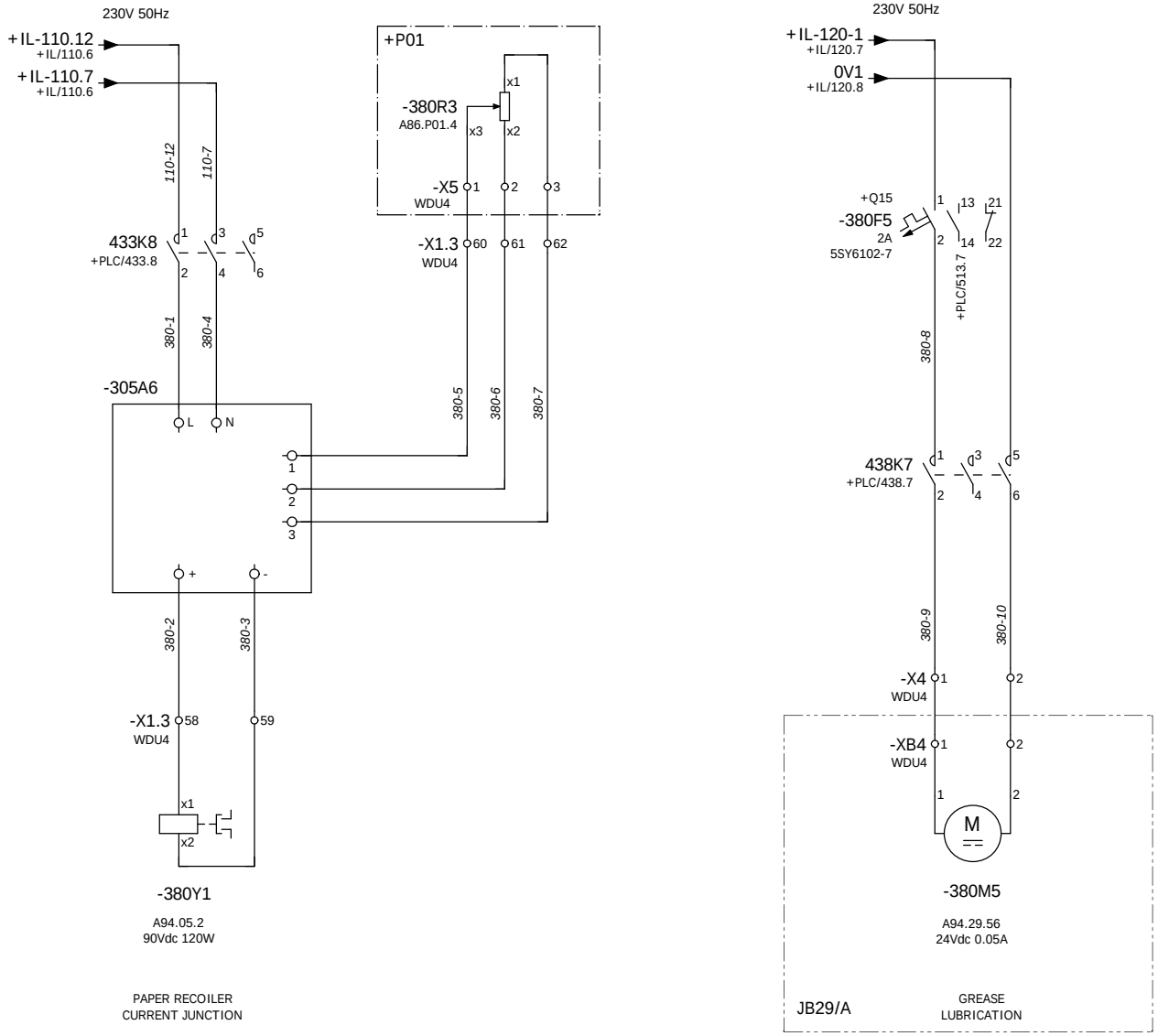
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY

NOVASTILMEC A94

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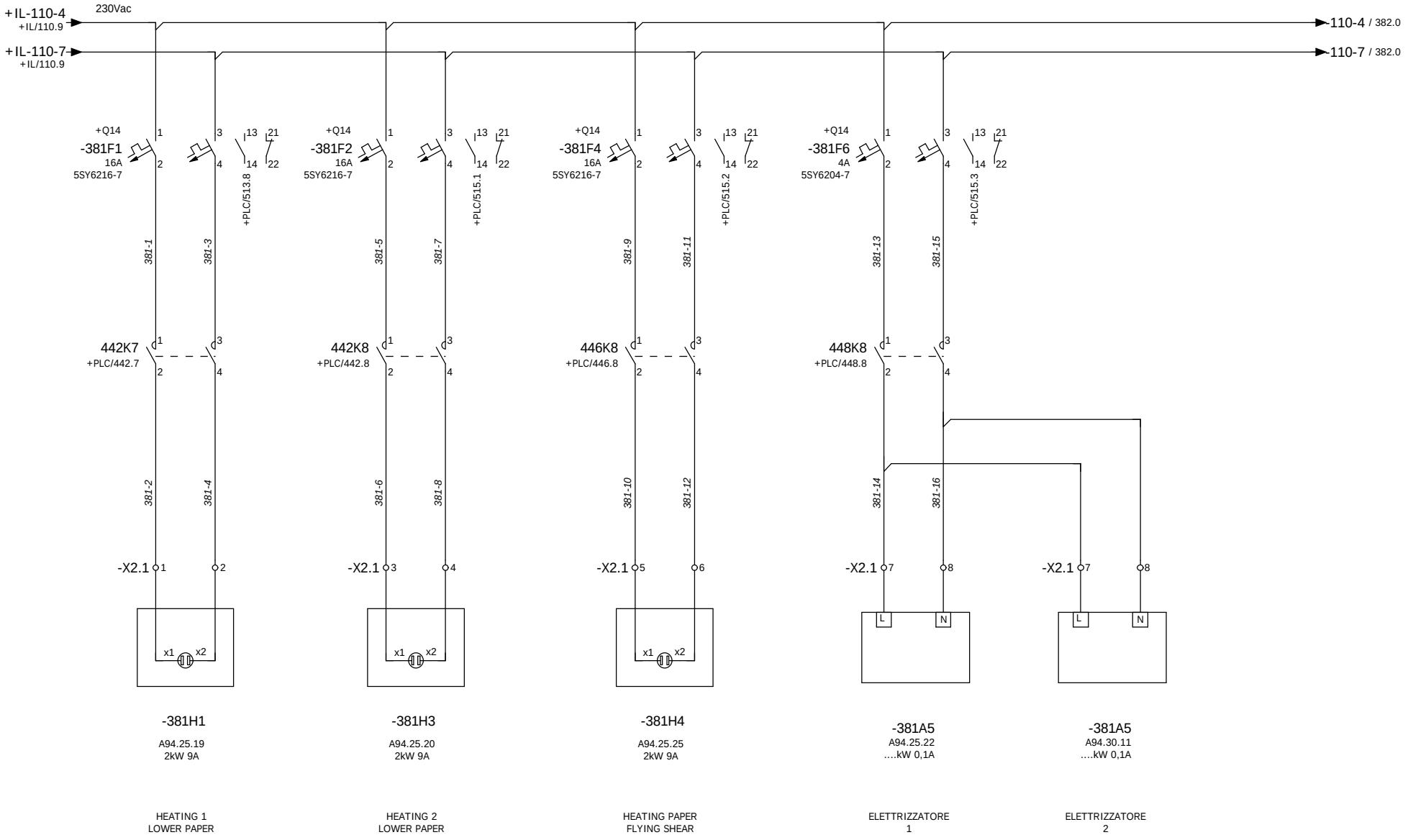
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Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY

NOVASTILMEC A94

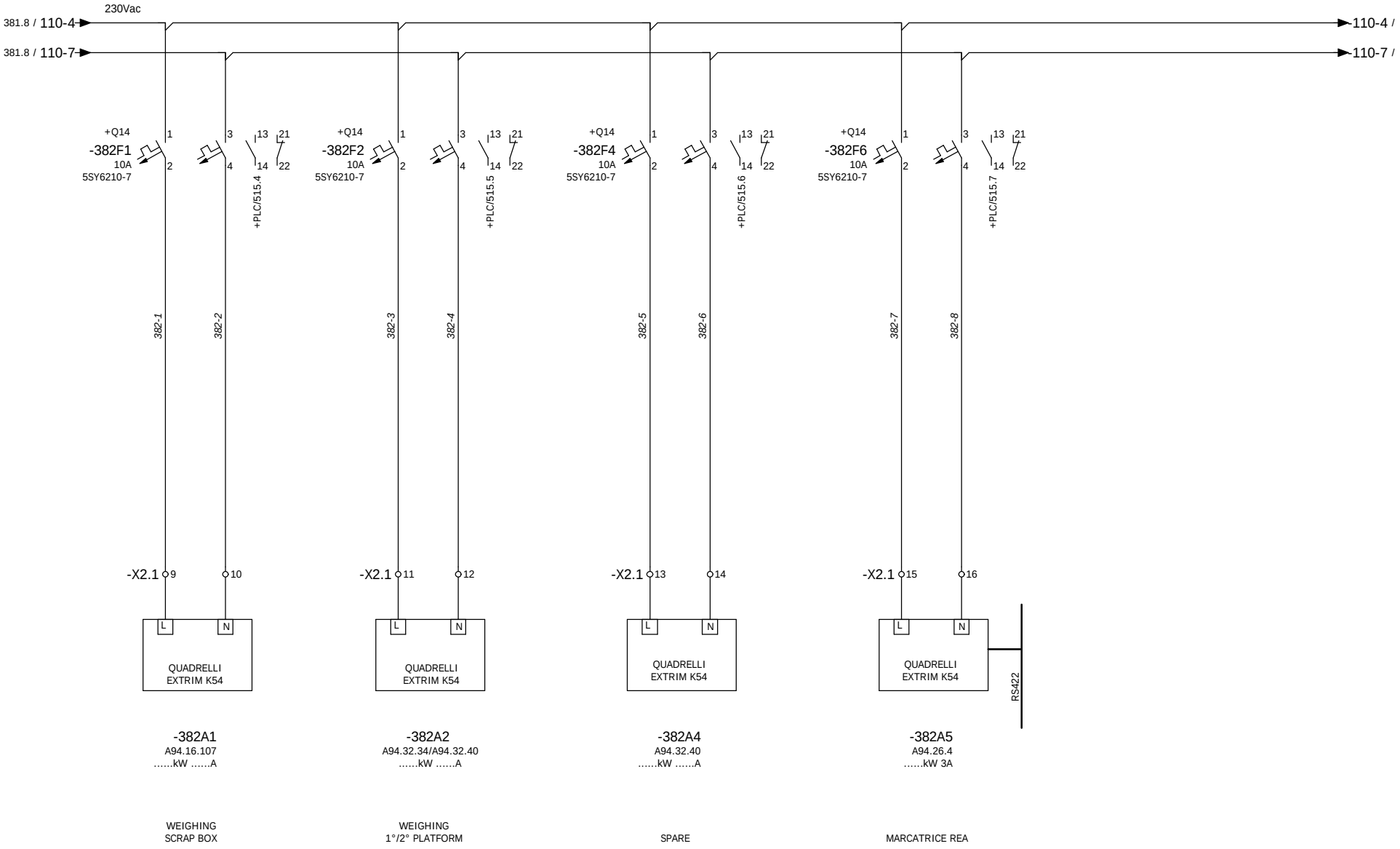
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY

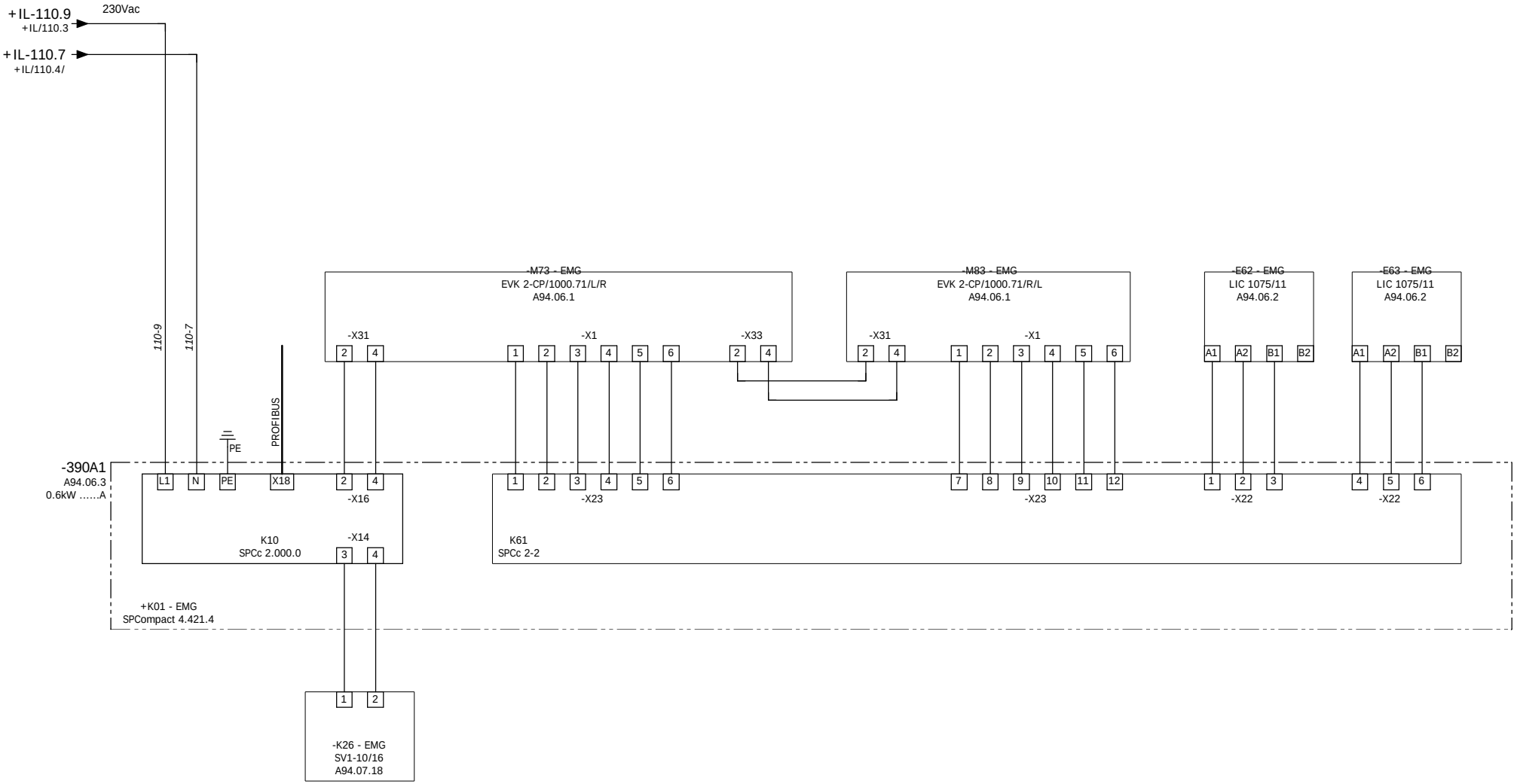
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NOVASTILMEC A94

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FOR PROFIBUS CABLE
SEE NETWORK DIAGRAM

TO SEE MORE DETAILS
EMG N° dwg 2226598

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY EMG

Descript.

NOVASTILMEC A94

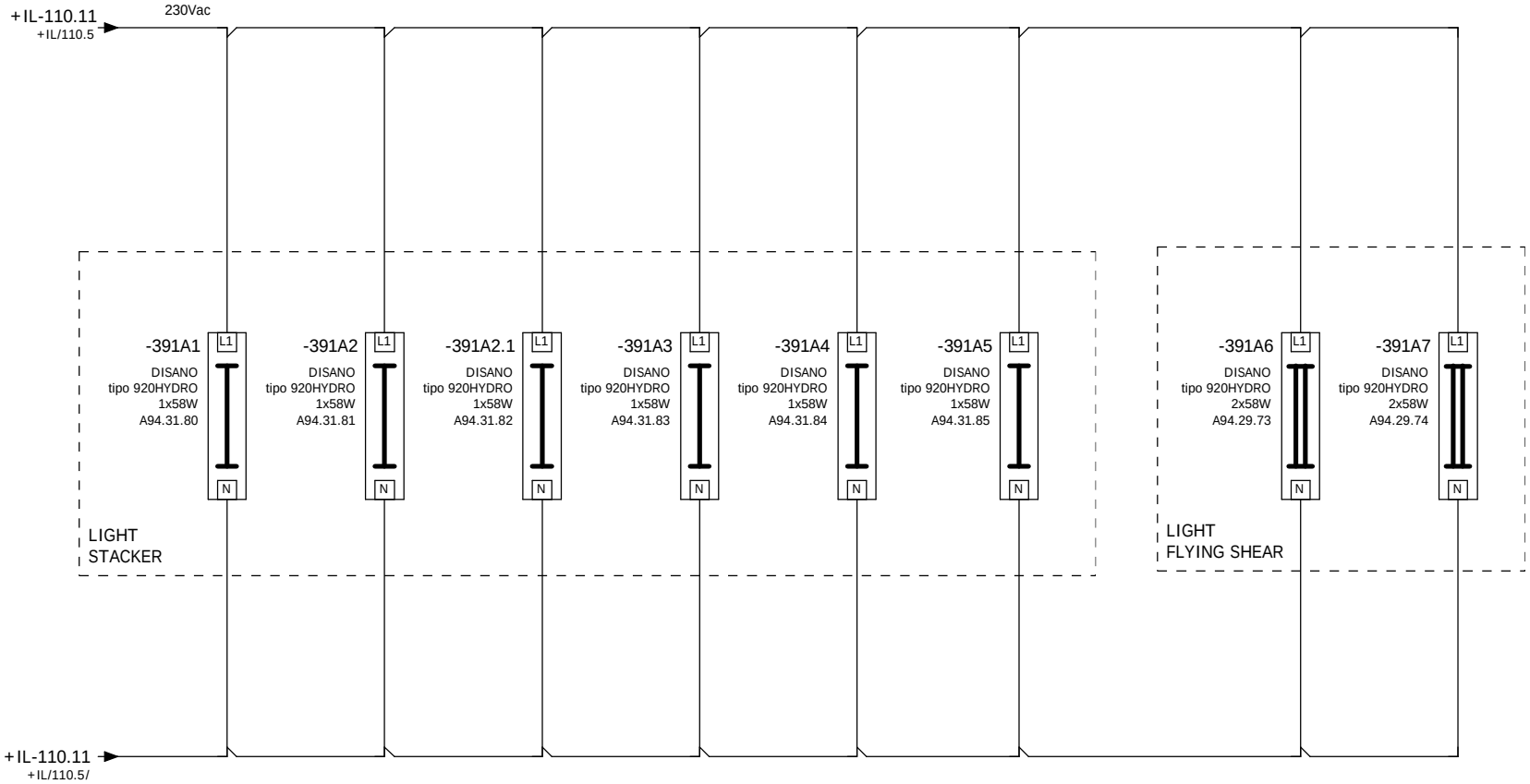
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY LIGHT MACHINE

Descript.

NOVASTILMEC A94

Job Nr.

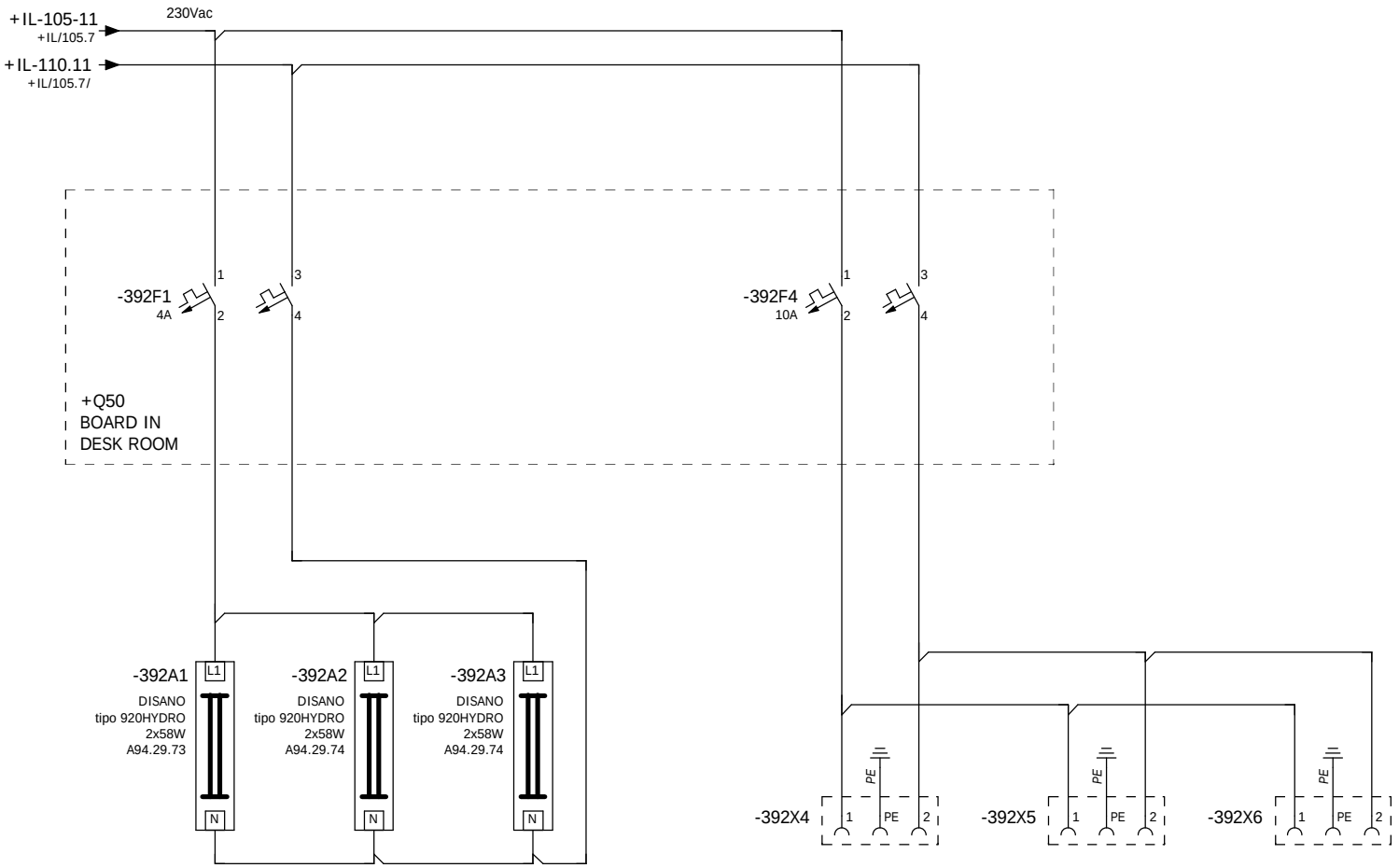
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POWER SUPPLY
LIGHT
DESK ROOM

POWER SUPPLY
LIGHT - SOCKET
DESK ROOM

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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY LIGHT-SOCKETS DESK ROOM

Descript.

NOVASTILMEC A94

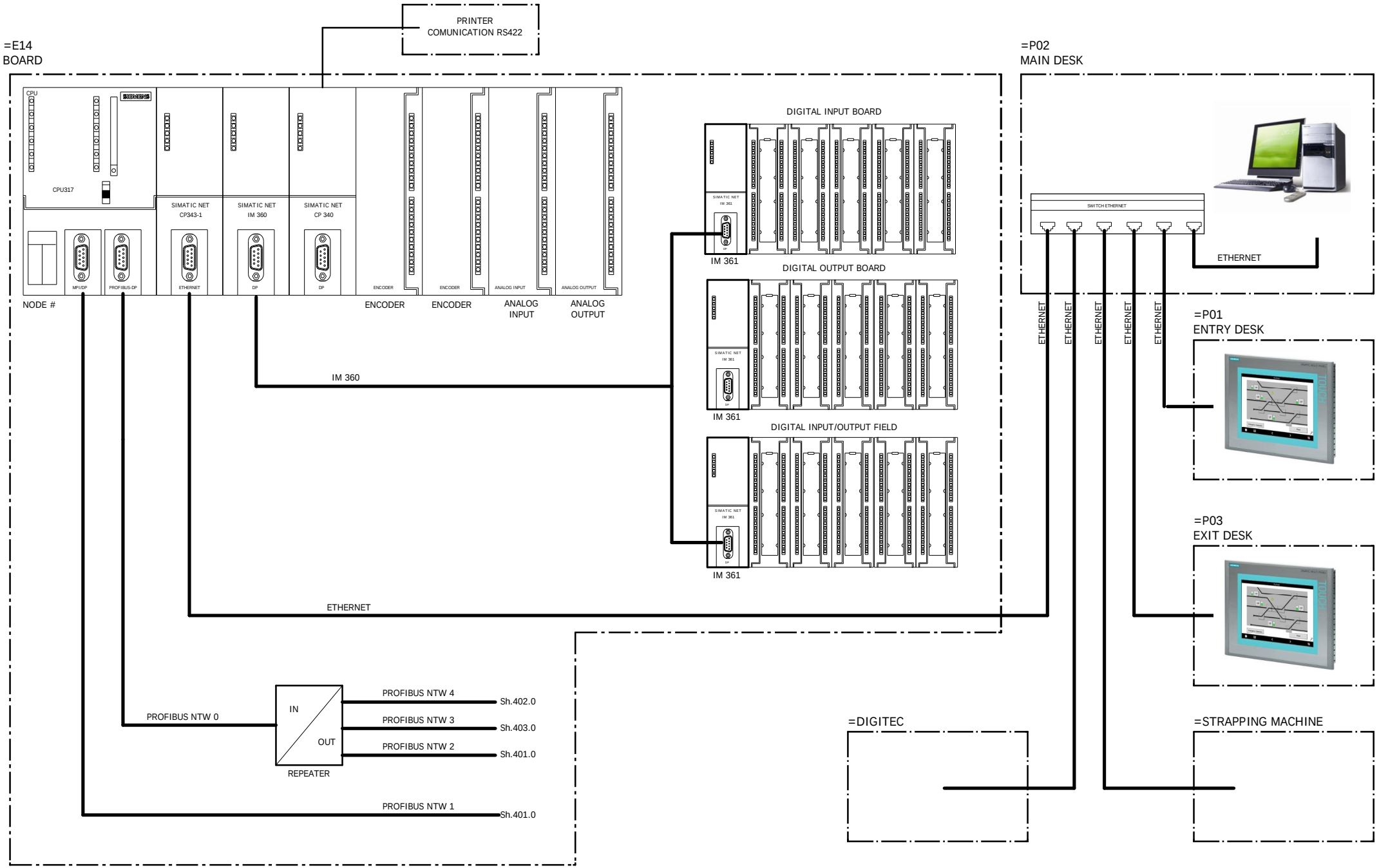
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
NETWORK SYSTEM

Descript.

NOVASTILMEC A94

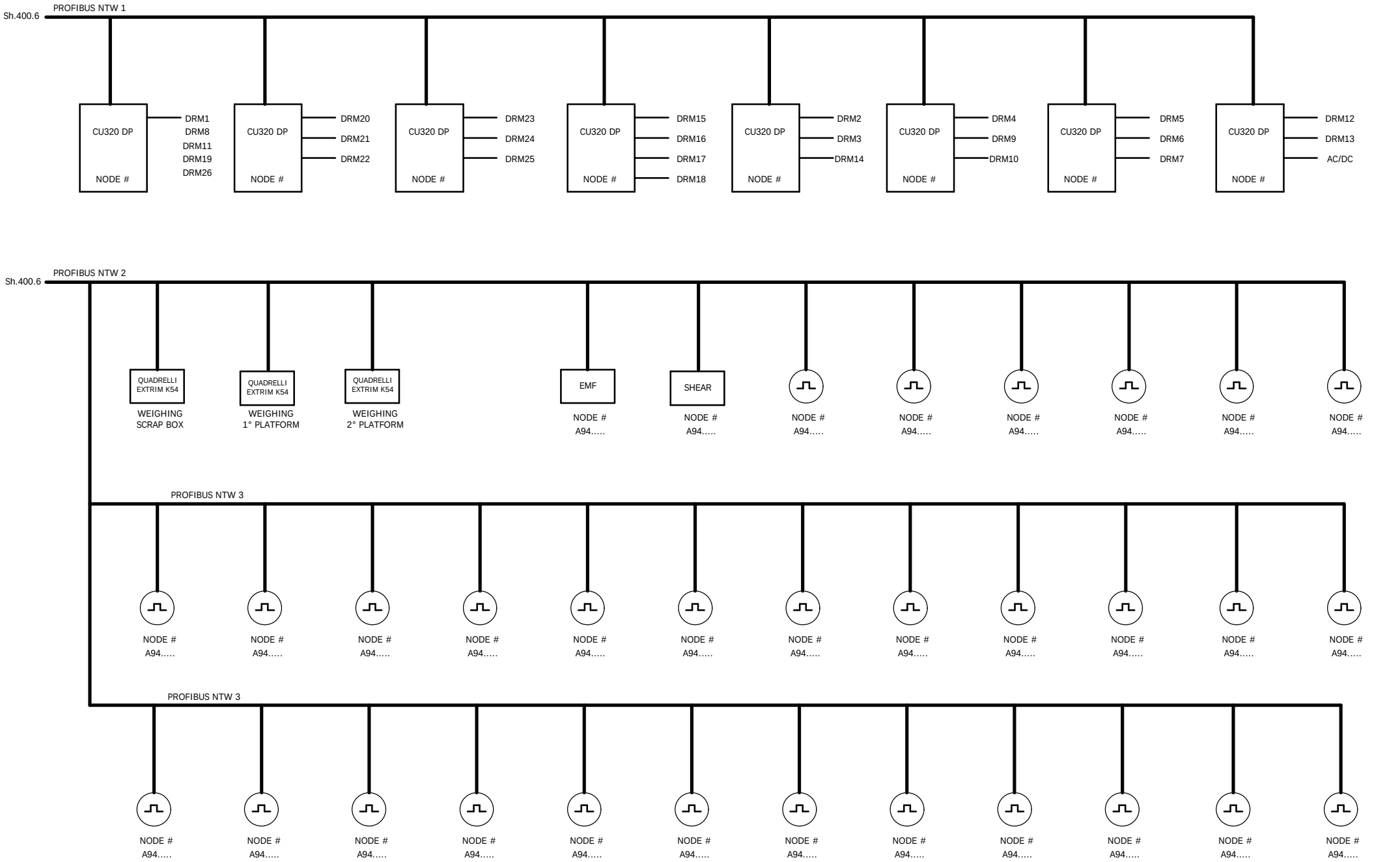
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
NETWORK SYSTEM

Descript.

NOVASTILMEC A94

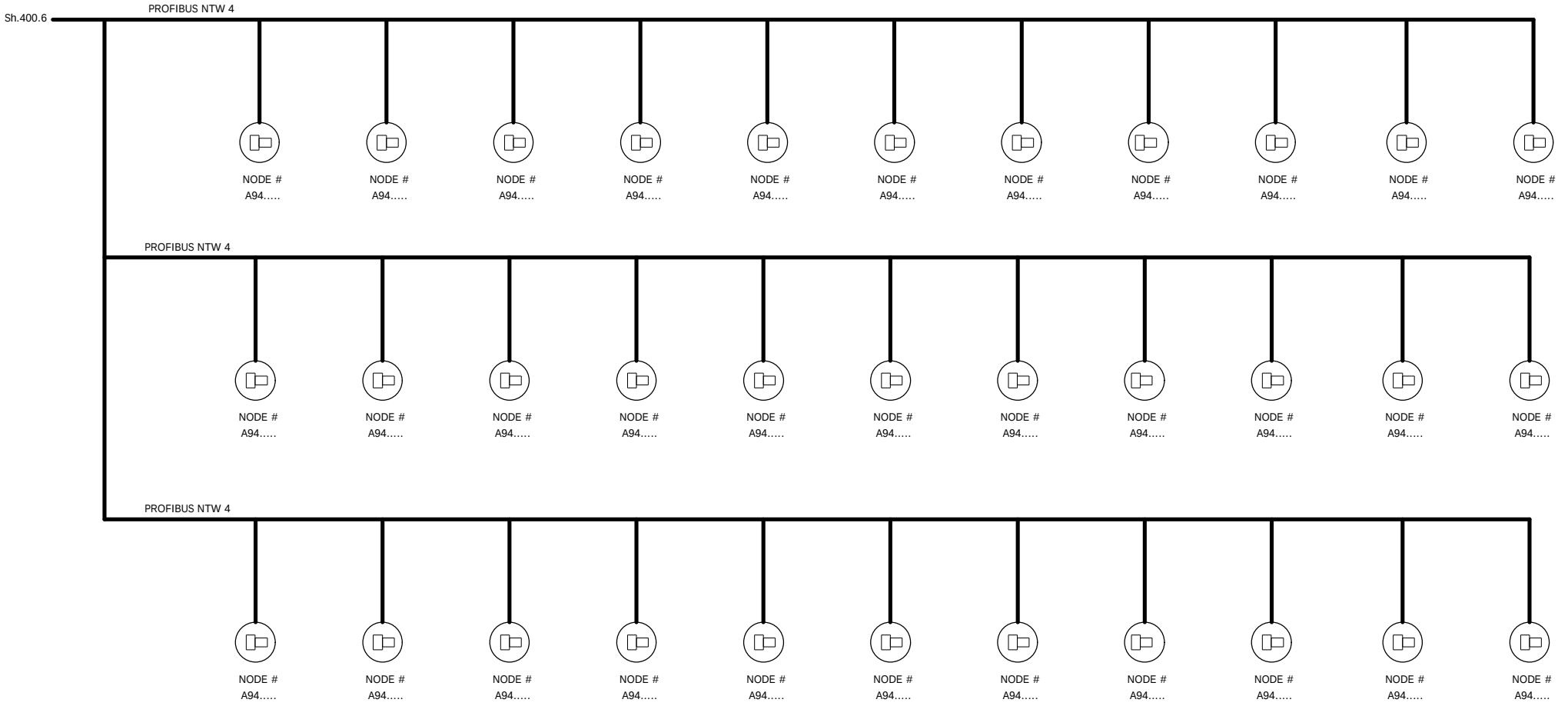
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+ **PLC**

Job Nr.

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PROFIBUS CONNECTION POTENTIOMETERS

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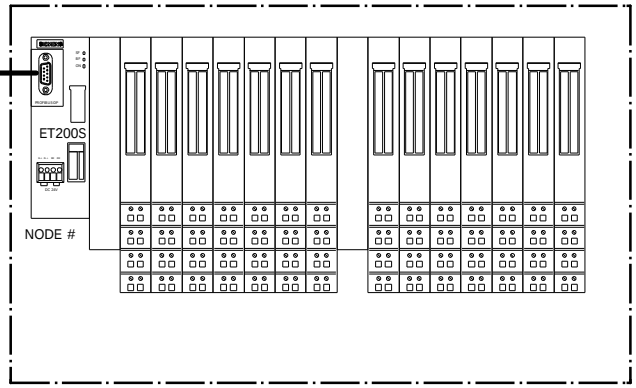
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PROFIBUS NTW 3

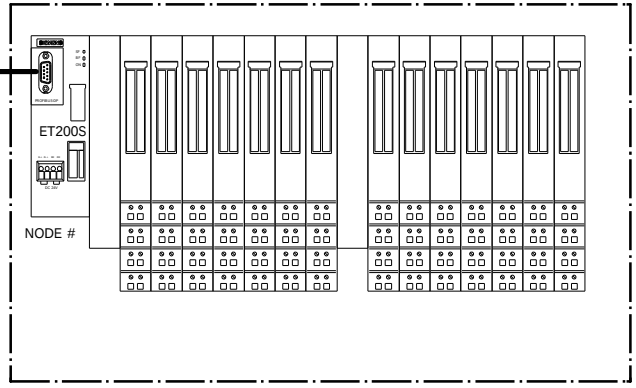
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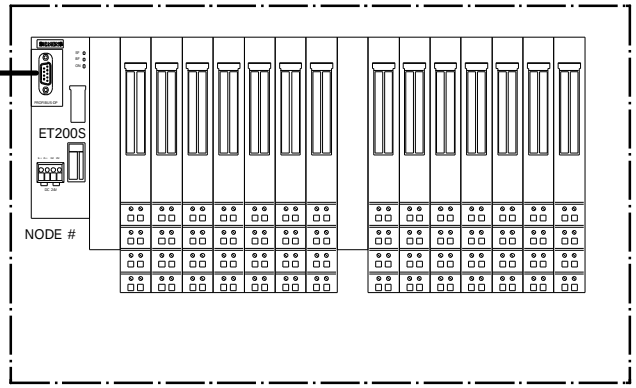


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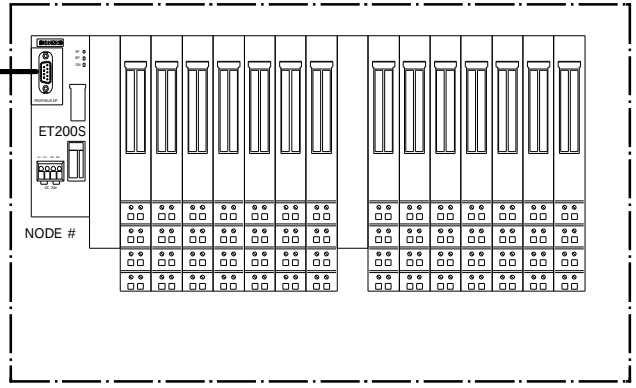


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EXIT DESK



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ENTRY REMOTE BOARD



Rev.	Descript.	Date	Name		
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
NETWORK SYSTEM

Descript.

NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

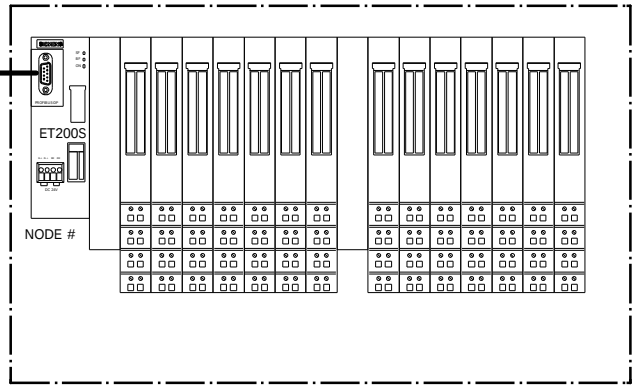
= A94
+ **PLC**

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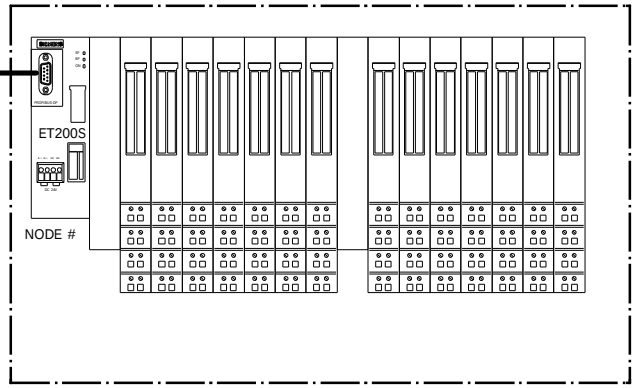
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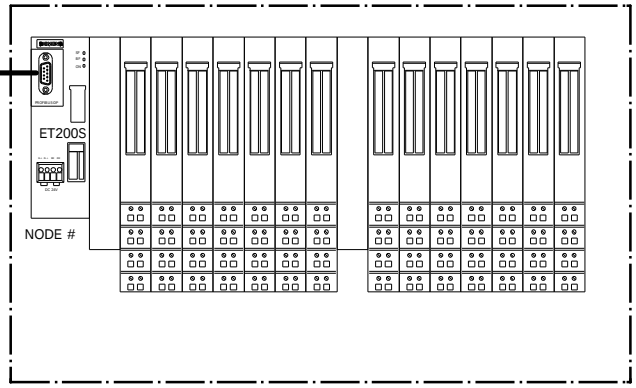
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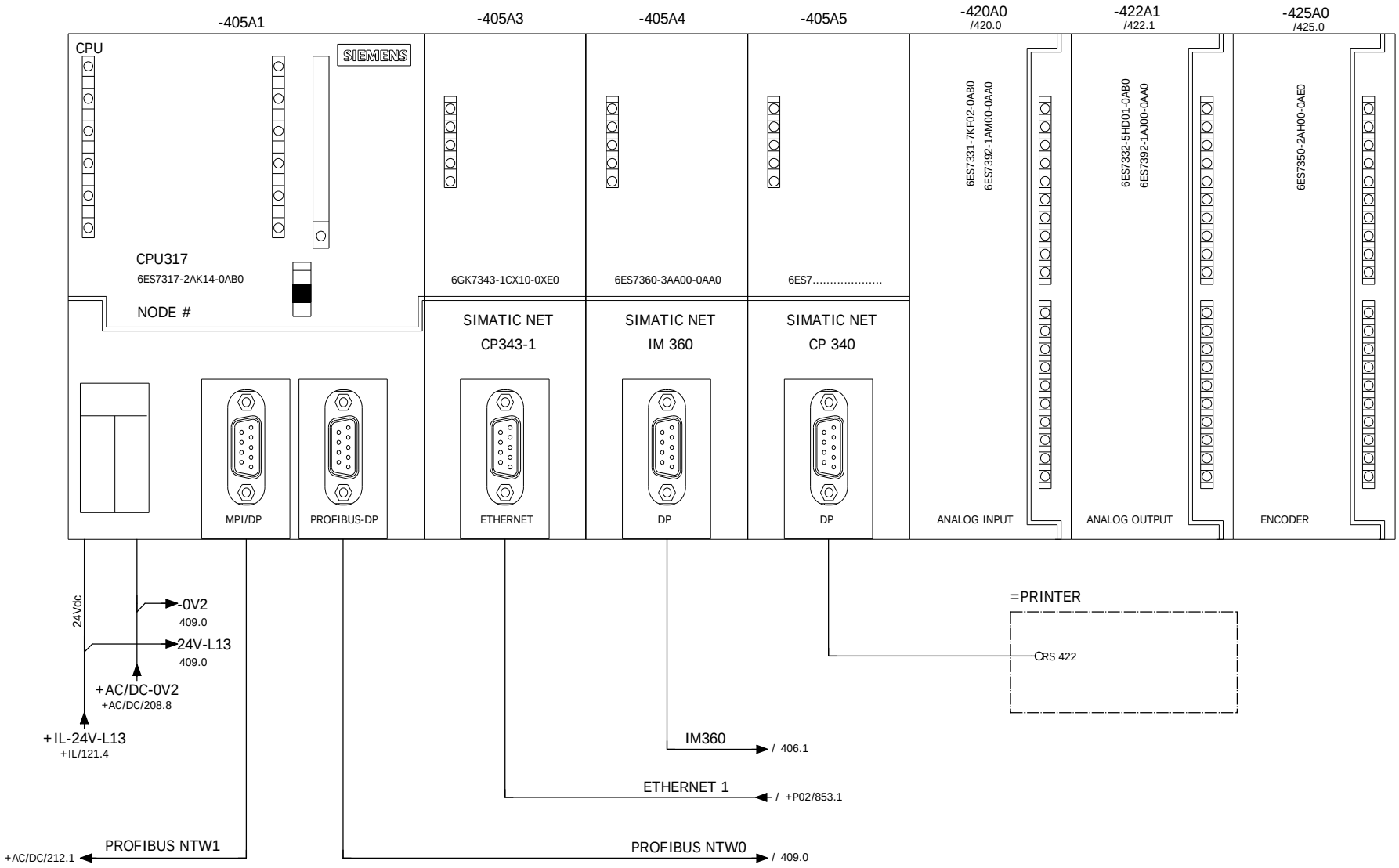
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LEVELLER 2



=Q28
STACKER BOARD



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				Drawn	TPM					+ **PLC**
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Drawn	TPM
Check	ALE
Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
PLC RACK

Descript.

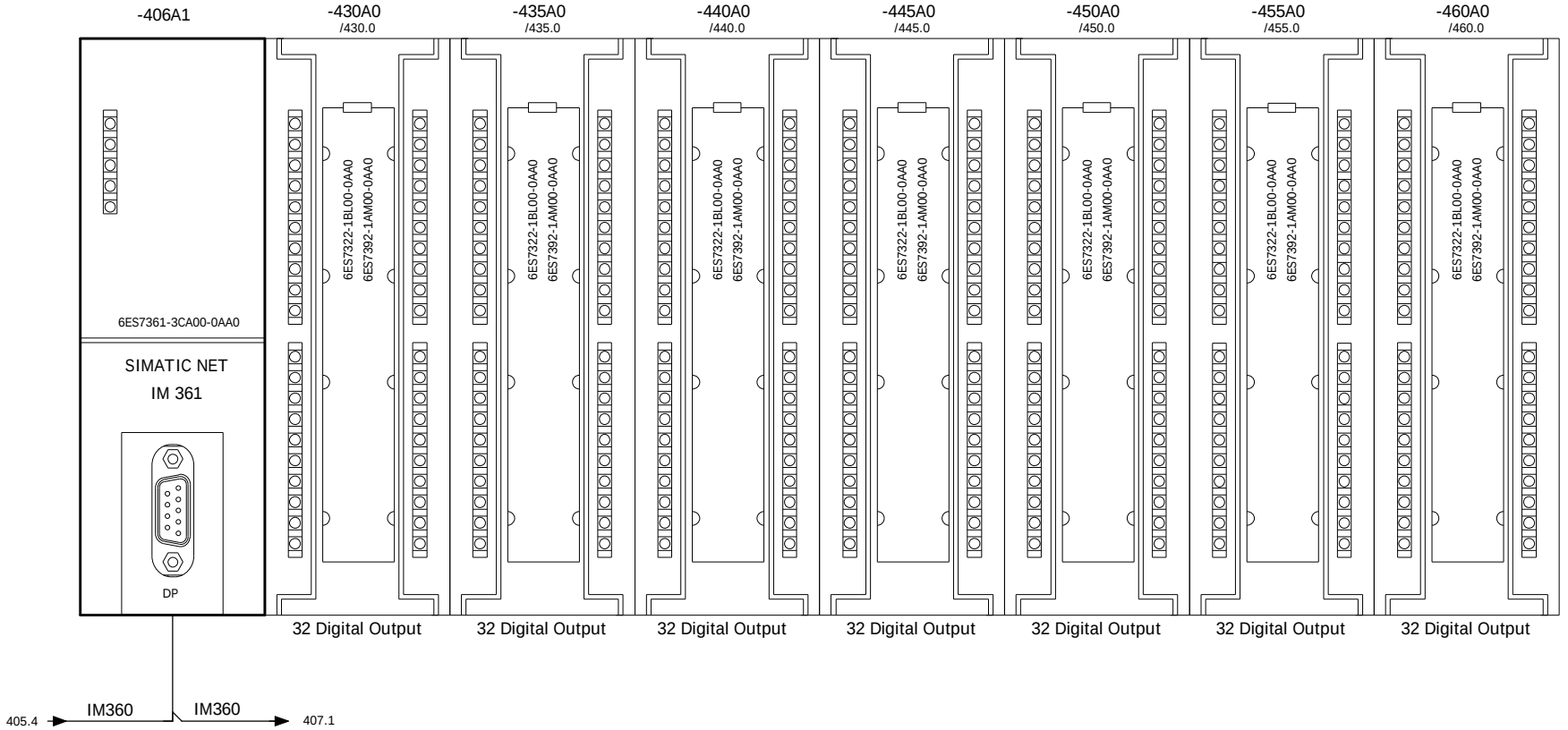
NOVASTILMEC A94

Job Nr.

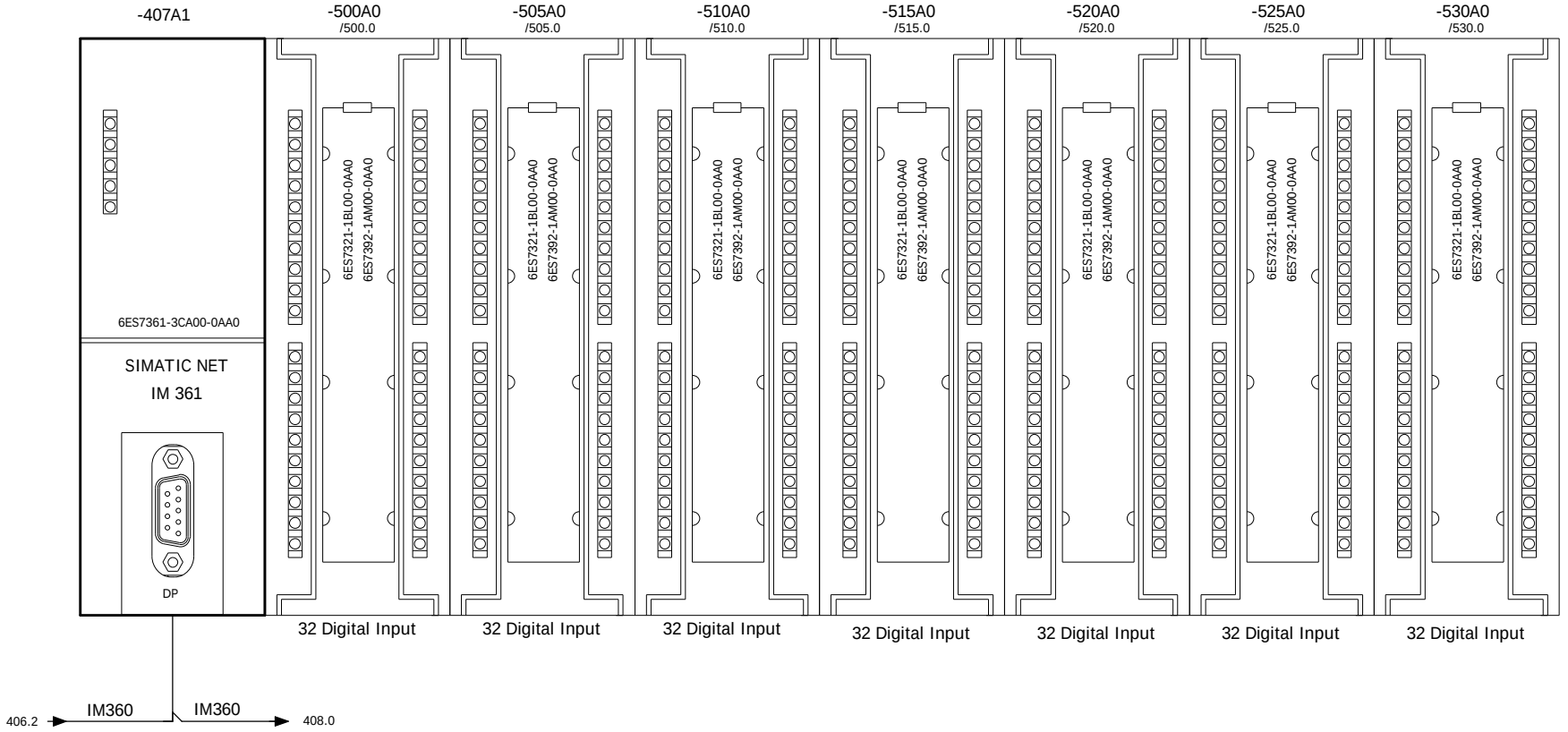
Dwg.Nr. A94

= A94
+ **PLC**

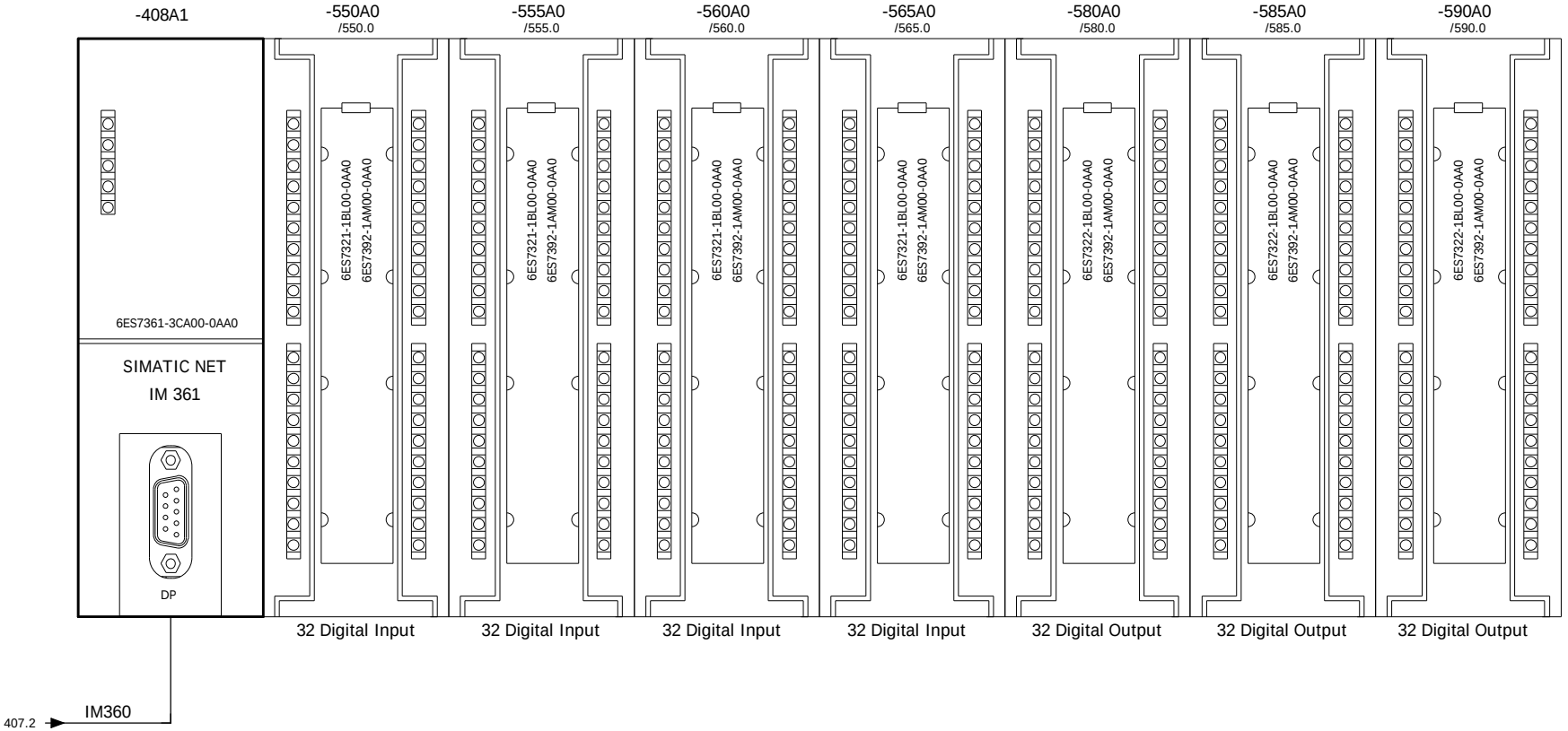
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Follow 406



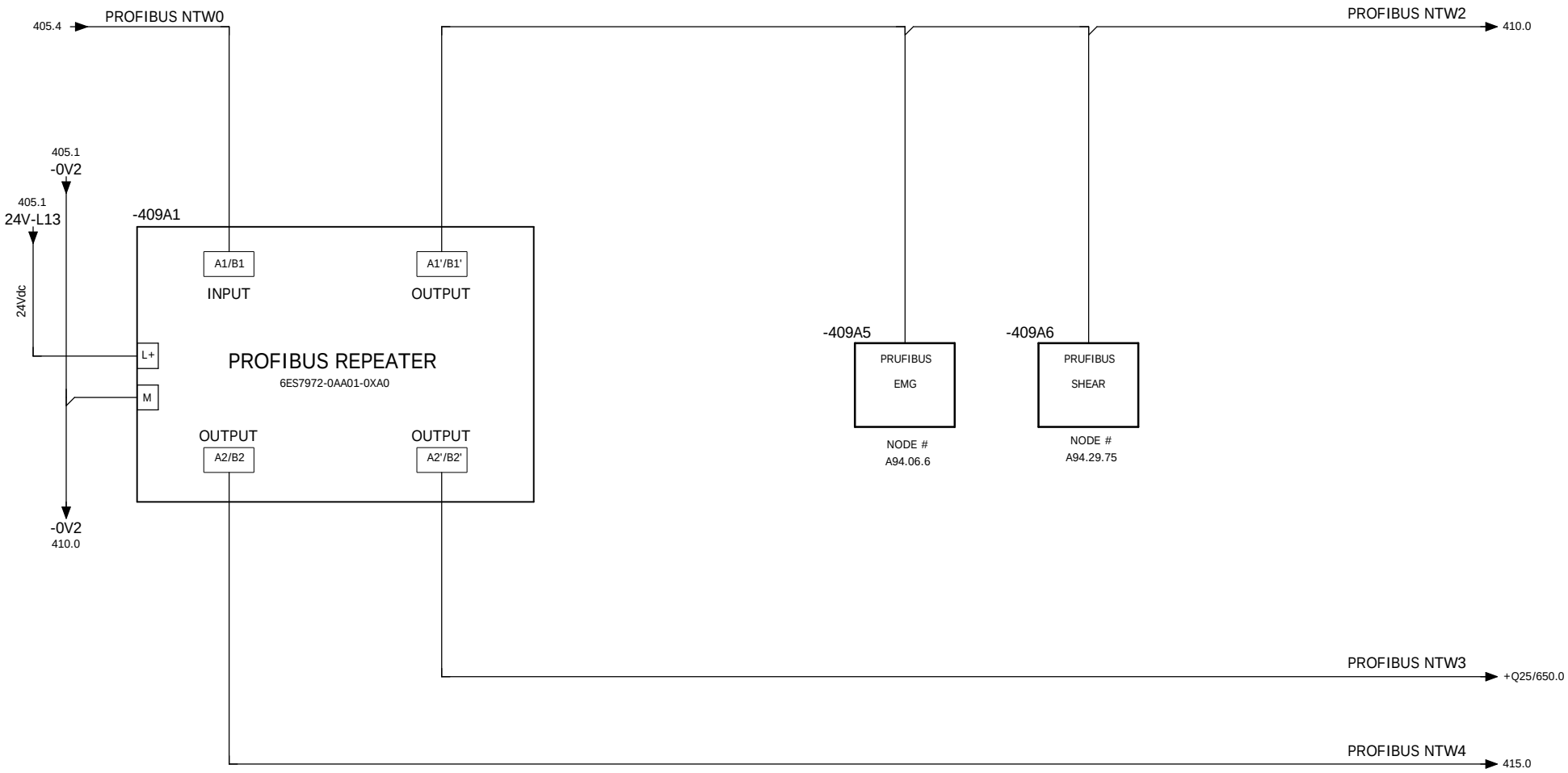
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				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **406**
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				Drawn	TPM					+ **PLC**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **407**
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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PROFIBUS REPEATER

Descript.

NOVASTILMEC A94

Job Nr.

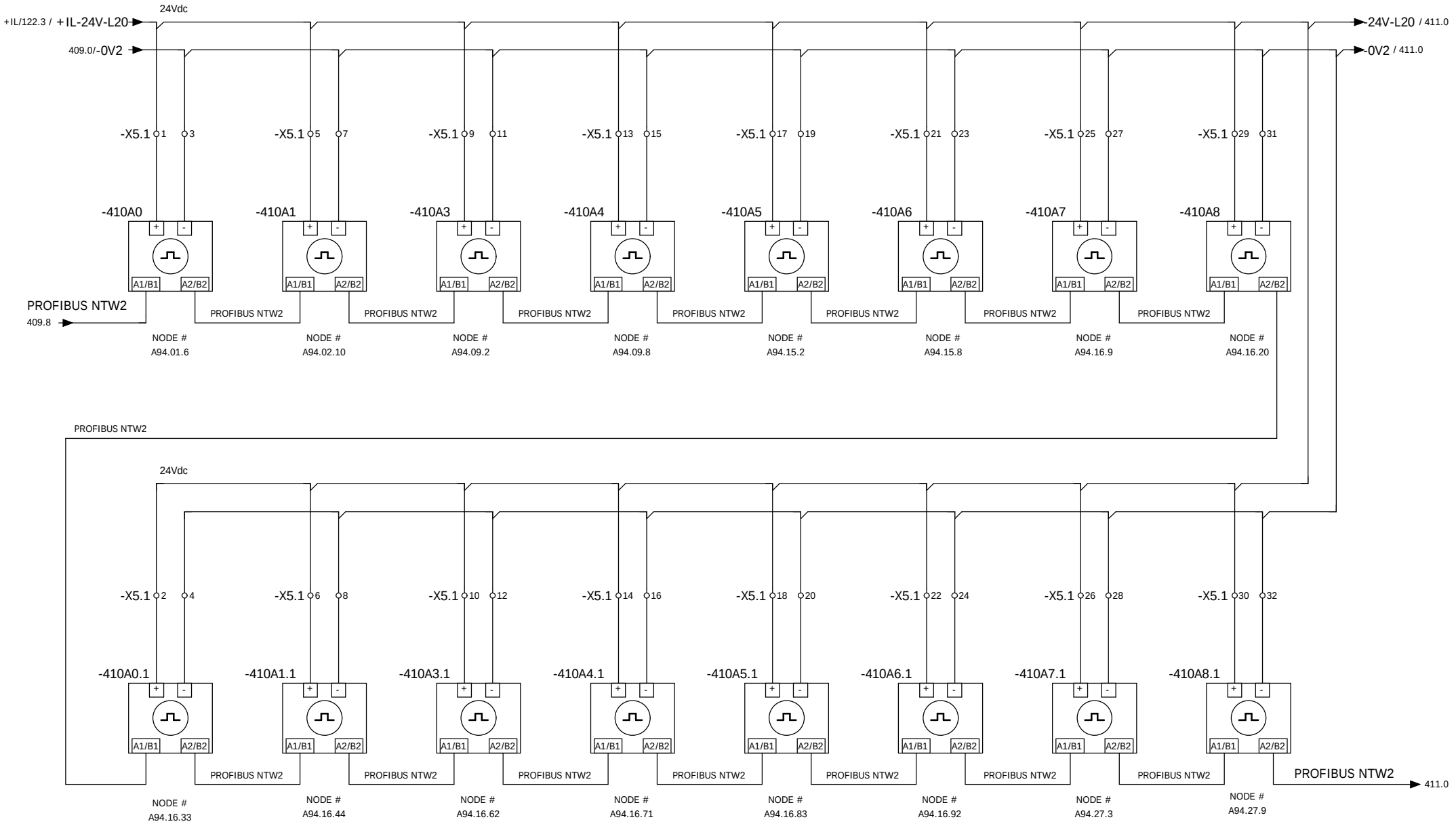
Dwg.Nr. A94

= A94

+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY PROFIBUS ENCODER

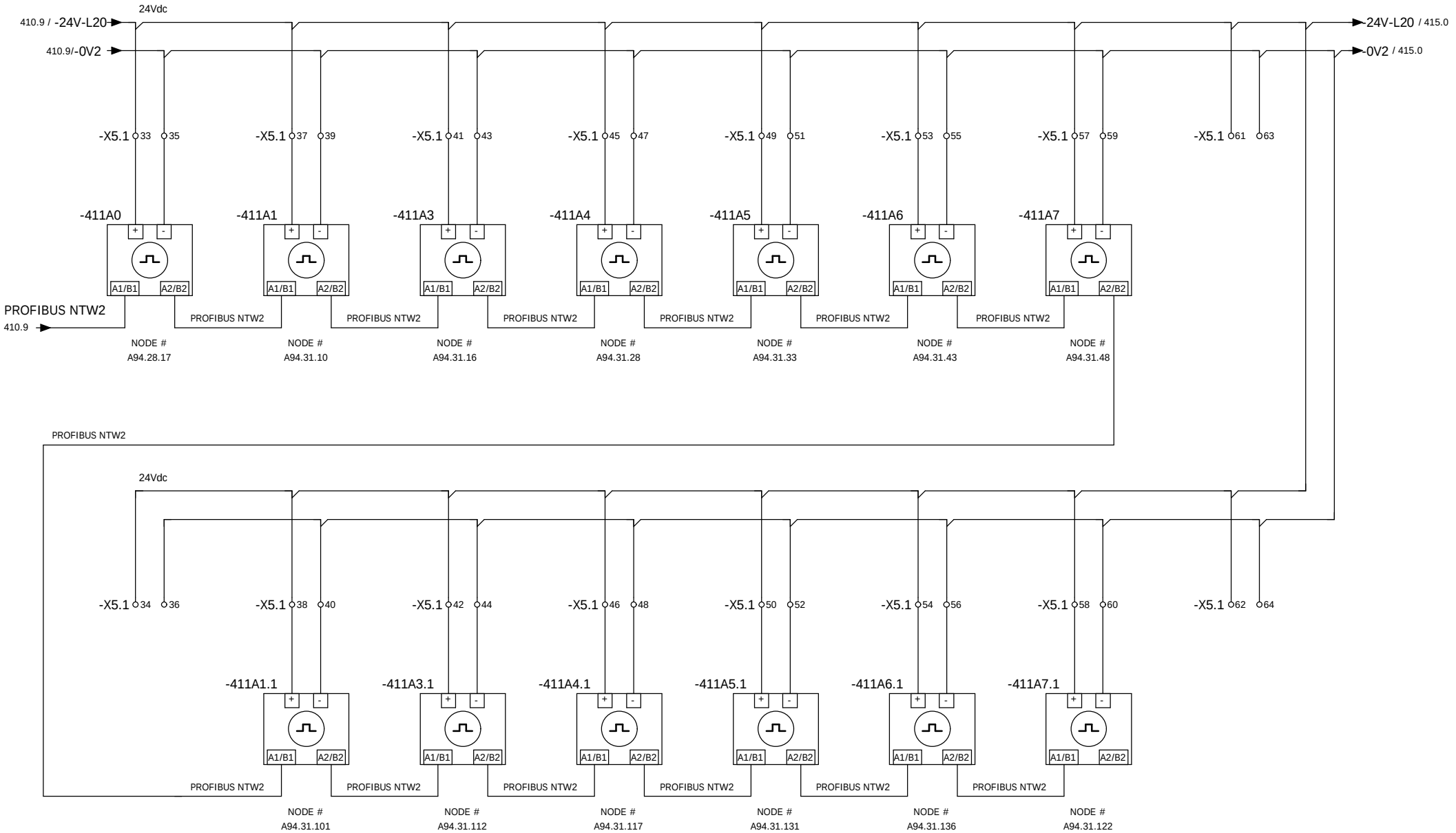
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: POWER SUPPLY PROFIBUS ENCODER

NOVASTILMEC A94

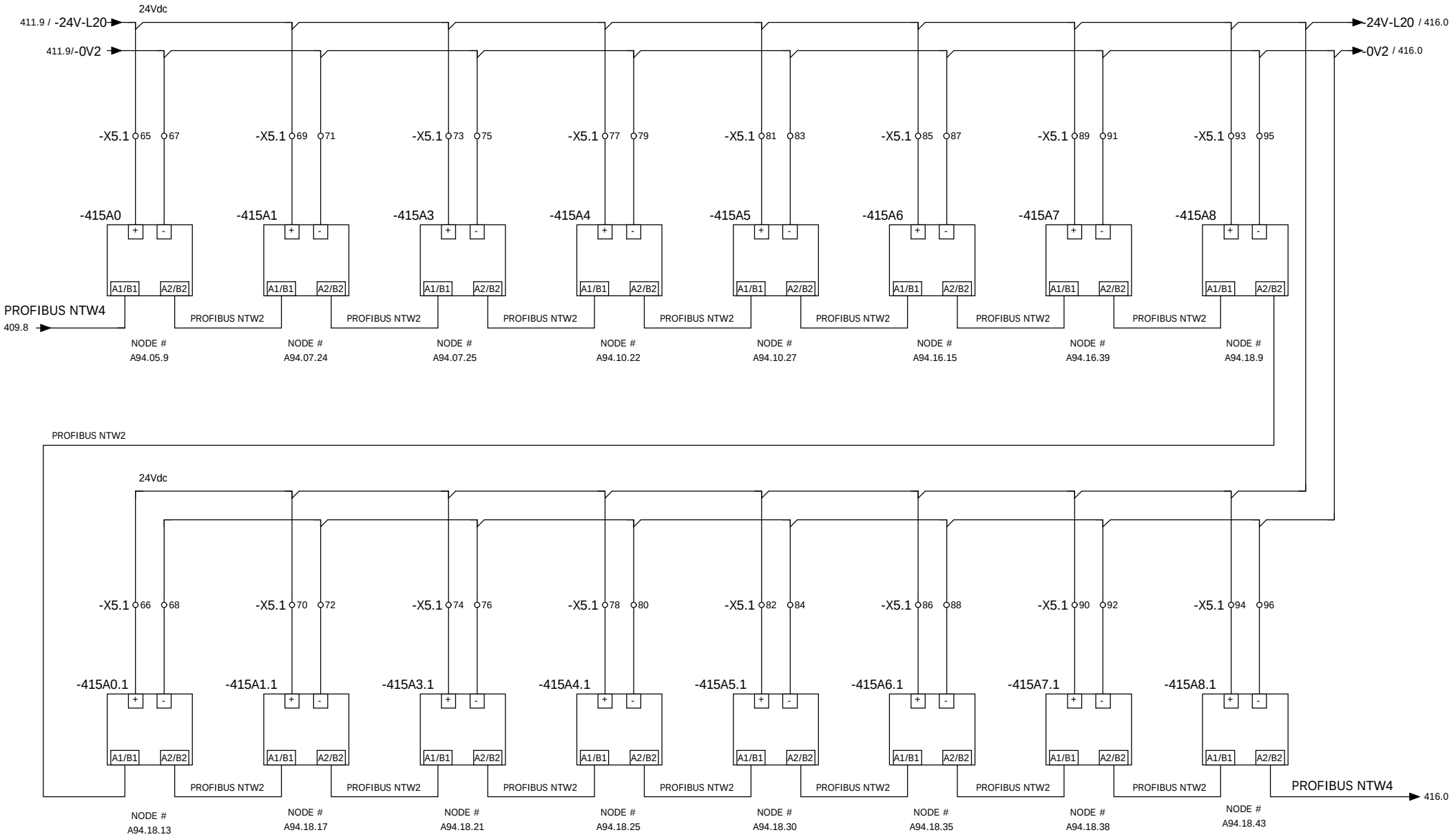
Job Nr.

Dwg.Nr. A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

POWER SUPPLY
PROFIBUS POTENTIOMETER

Descript.

NOVASTILMEC A94

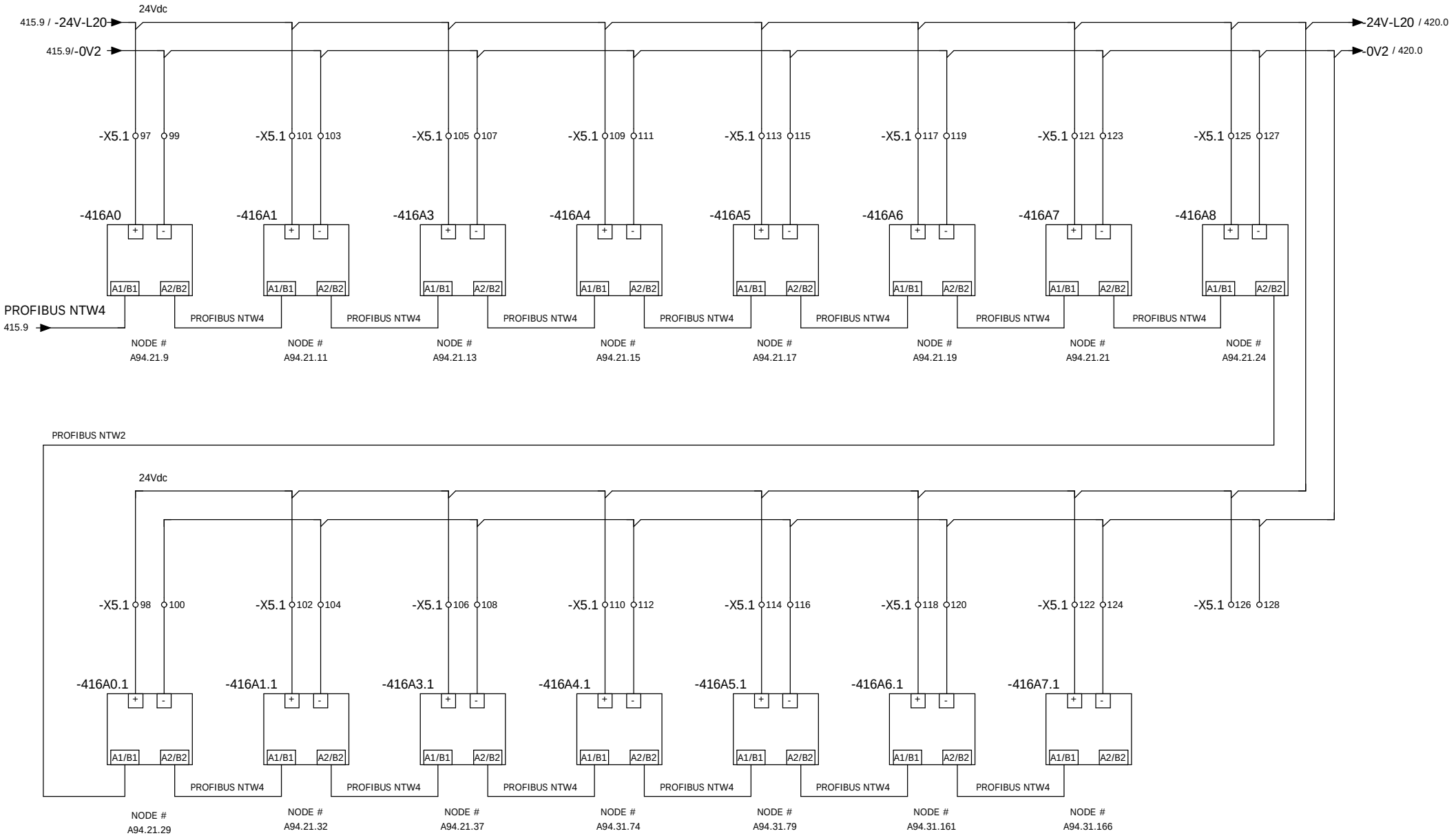
Job Nr.

Dwg.Nr. A94

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+ **PLC**

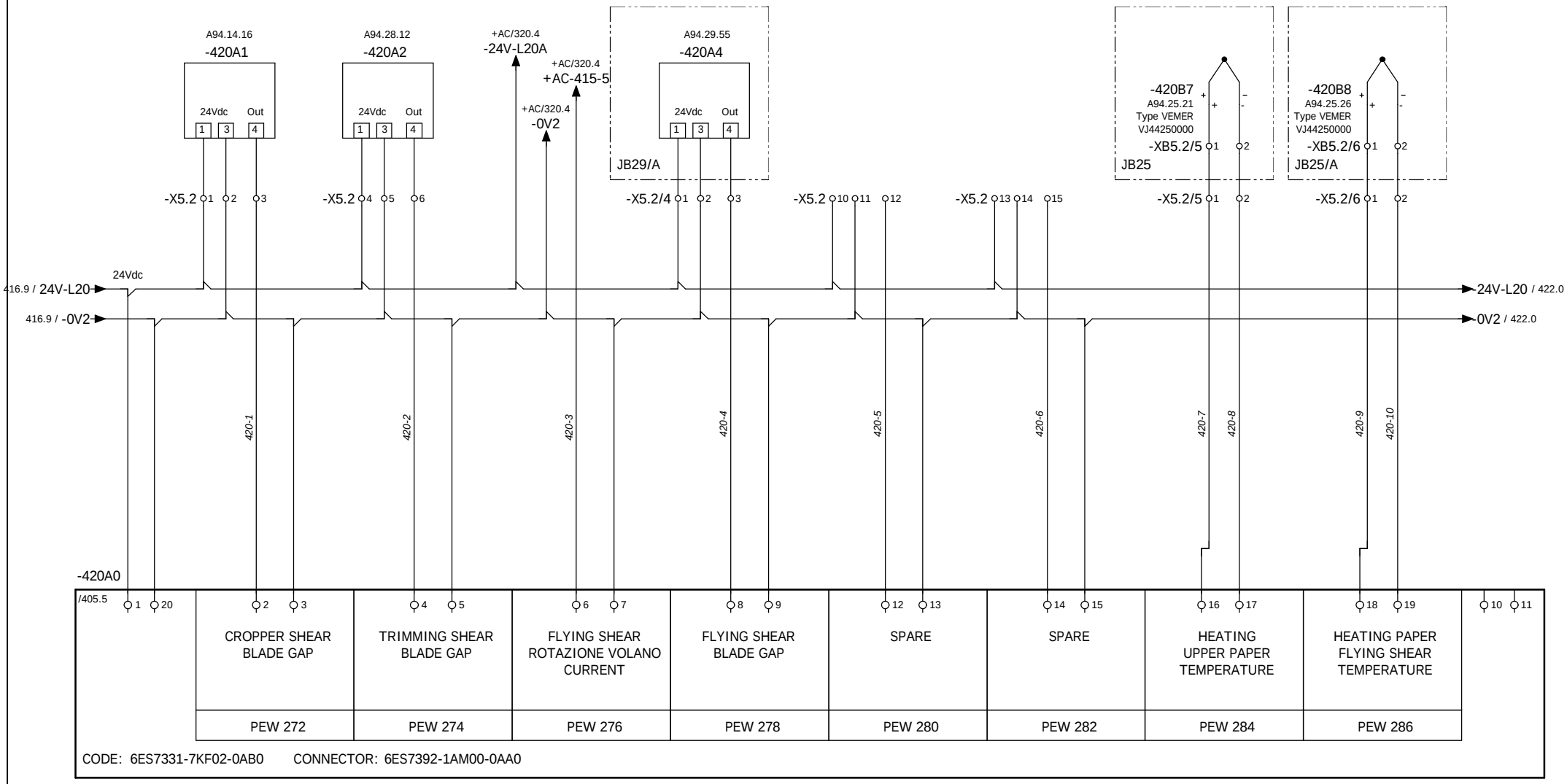
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	POWER SUPPLY PROFIBUS POTENTIOMETER	NOVASTILMEC A94	= A94 + **PLC**
				Drawn	TPM					
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **416**
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VERIFICARE COLLEGAMENTI
CON TIPO DI APPARECCHIO
MONTATO



CODE: 6ES7331-7KF02-0AB0 CONNECTOR: 6ES7392-1AM00-0AA0

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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: ANALOG INPUT

NOVASTILMEC A94

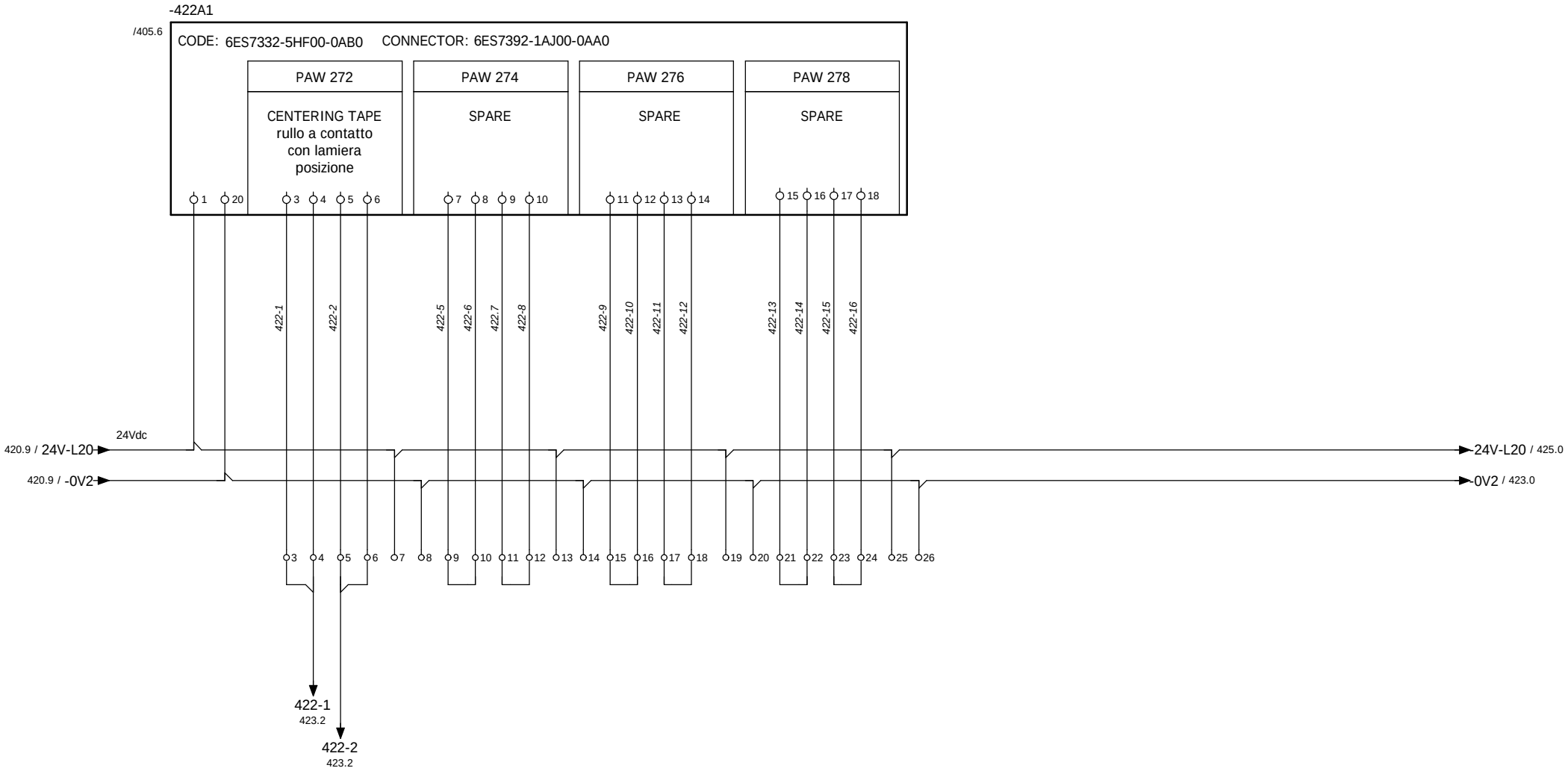
Job Nr.

Dwg.Nr.: A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

ANALOG OUTPUT

Descript.

NOVASTILMEC A94

Job Nr.

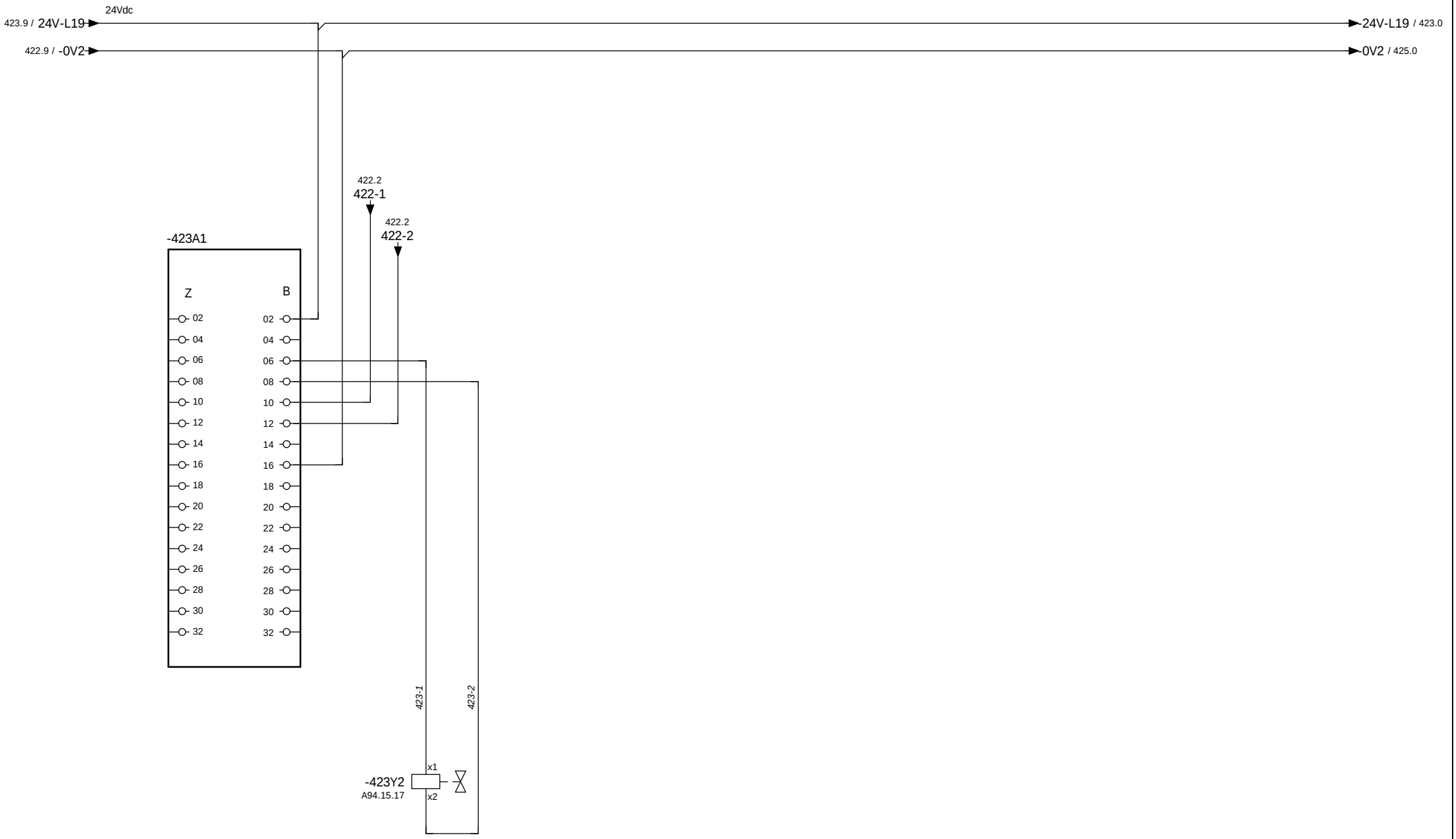
Dwg.Nr. A94

= A94

+ **PLC**

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regolazione e indicazione pressione
del rullo a contatto con la lamiera
unità di centraggio 2

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

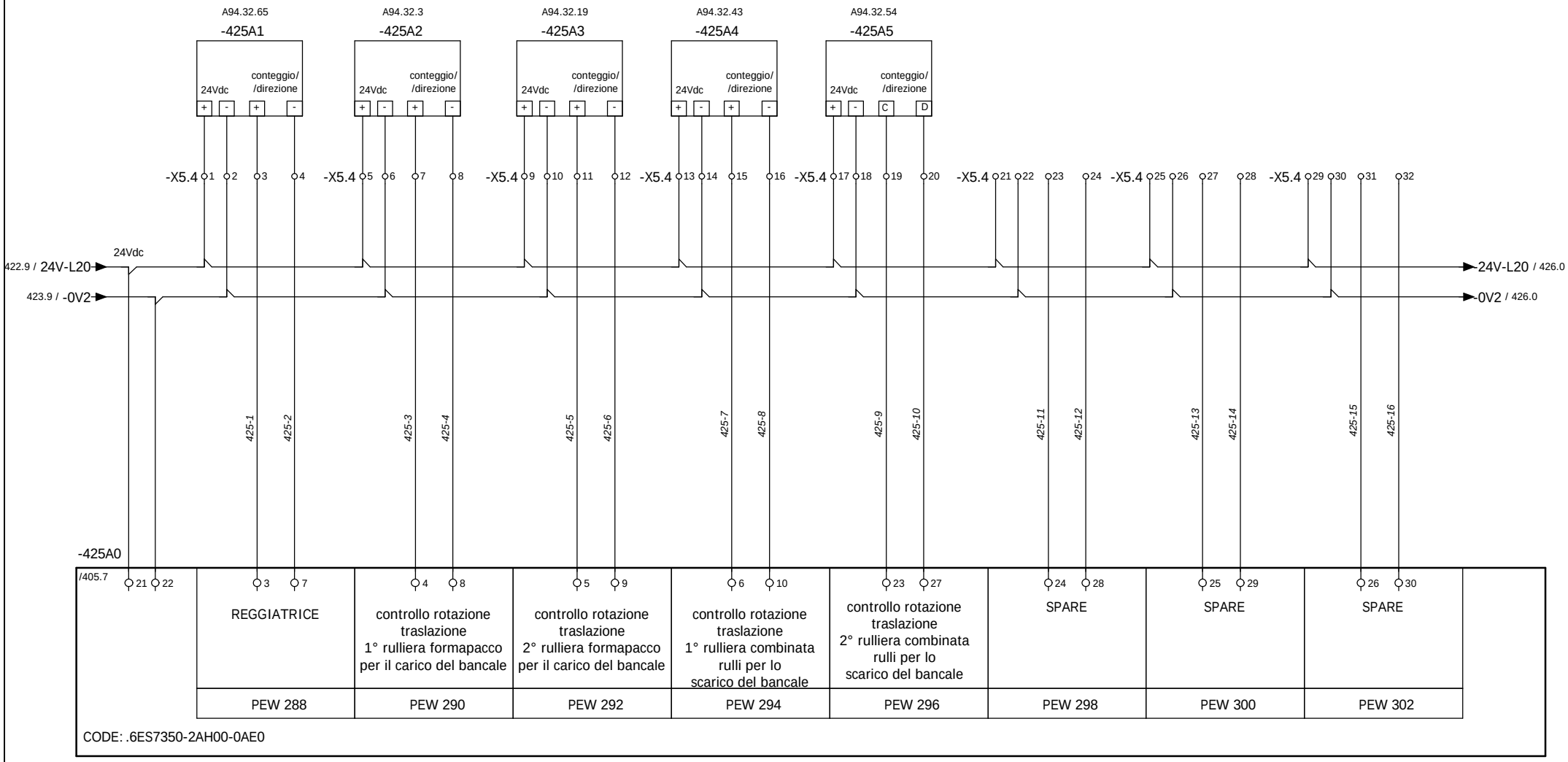
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NOVASTILMEC A94

= A94
+ **PLC**

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	A94	Follow	425

VERIFICARE COLLEGAMENTI
CON TIPO DI APPARECCHIO
MONTATO



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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

ENCODER CARD

Descript.

NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

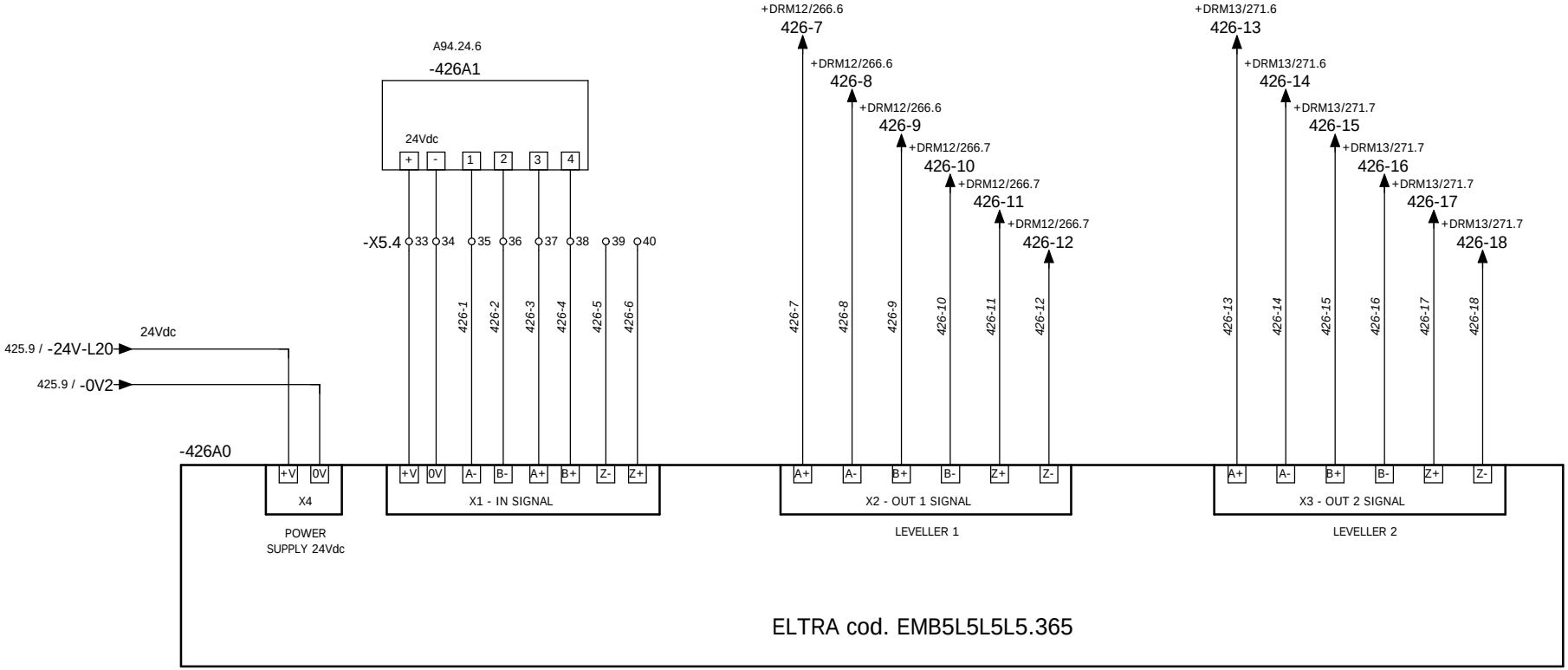
= A94

+ **PLC**

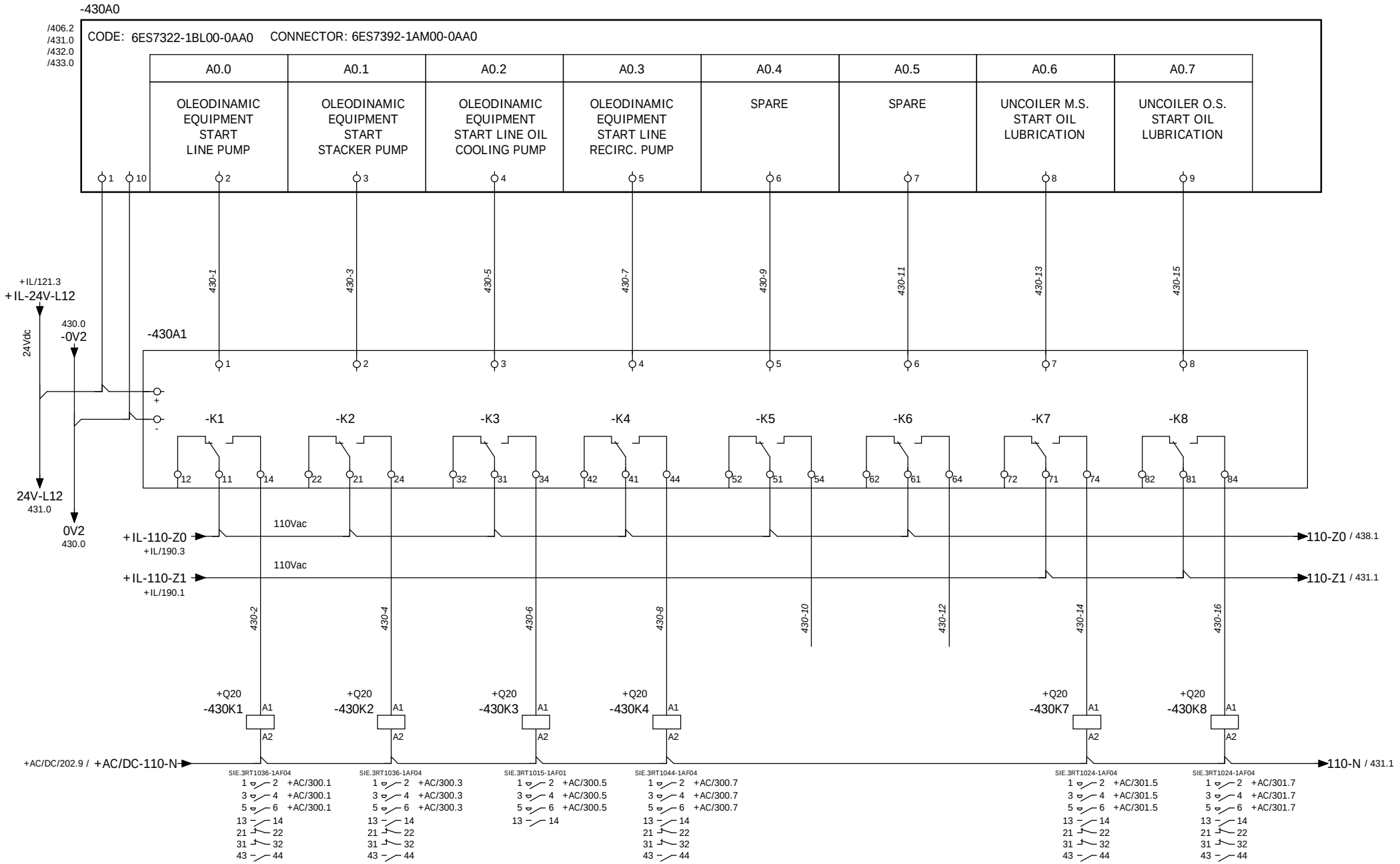
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VERIFICARE COLLEGAMENTI
CON TIPO DI APPARECCHIO
MONTATO

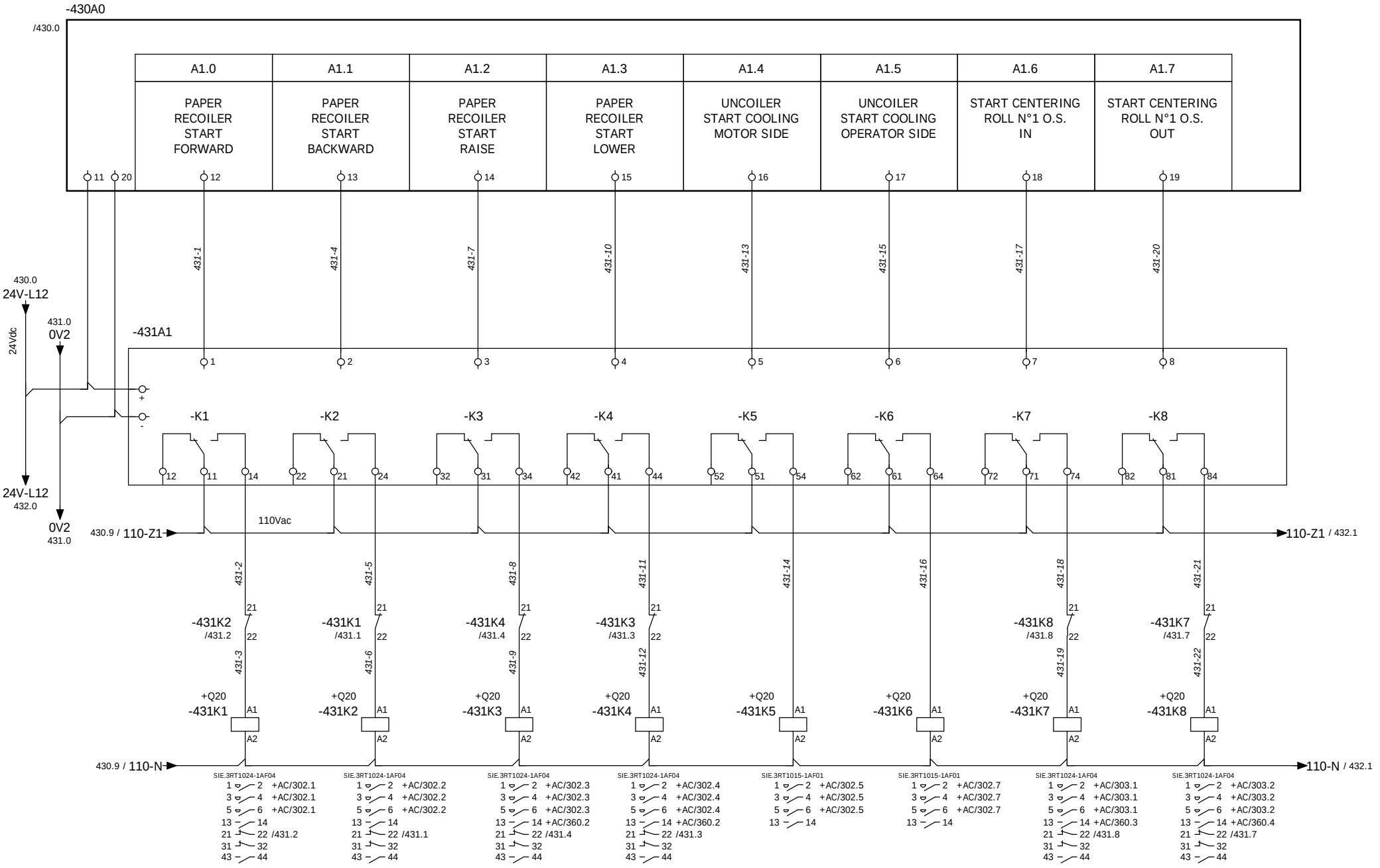


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				Drawn	TPM					+ **PLC**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **426**
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				Drawn	TPM				
				Check	ALE				
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= A94			
+ **PLC**			
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

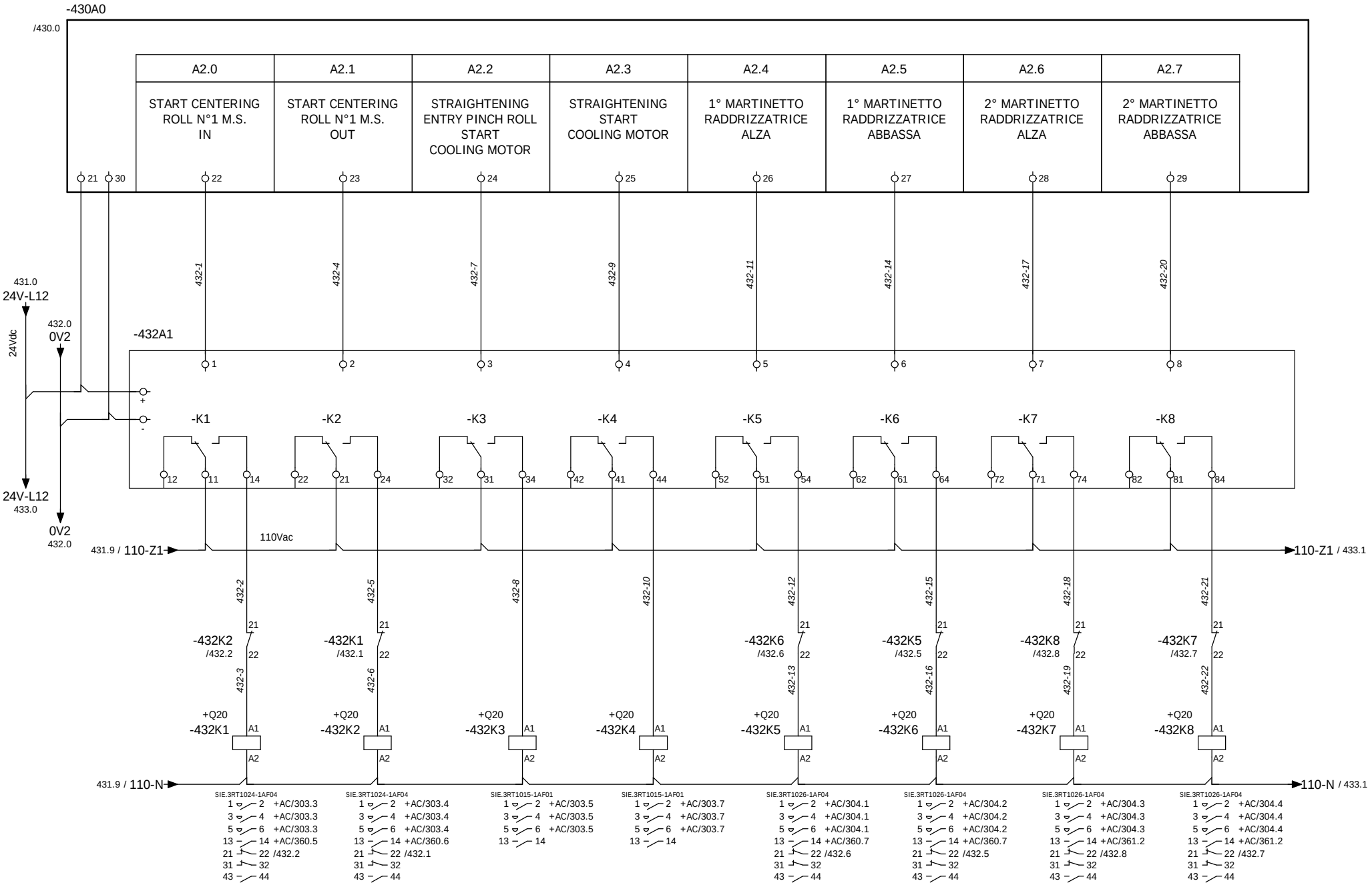
Job Nr.

Dwg.Nr. A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

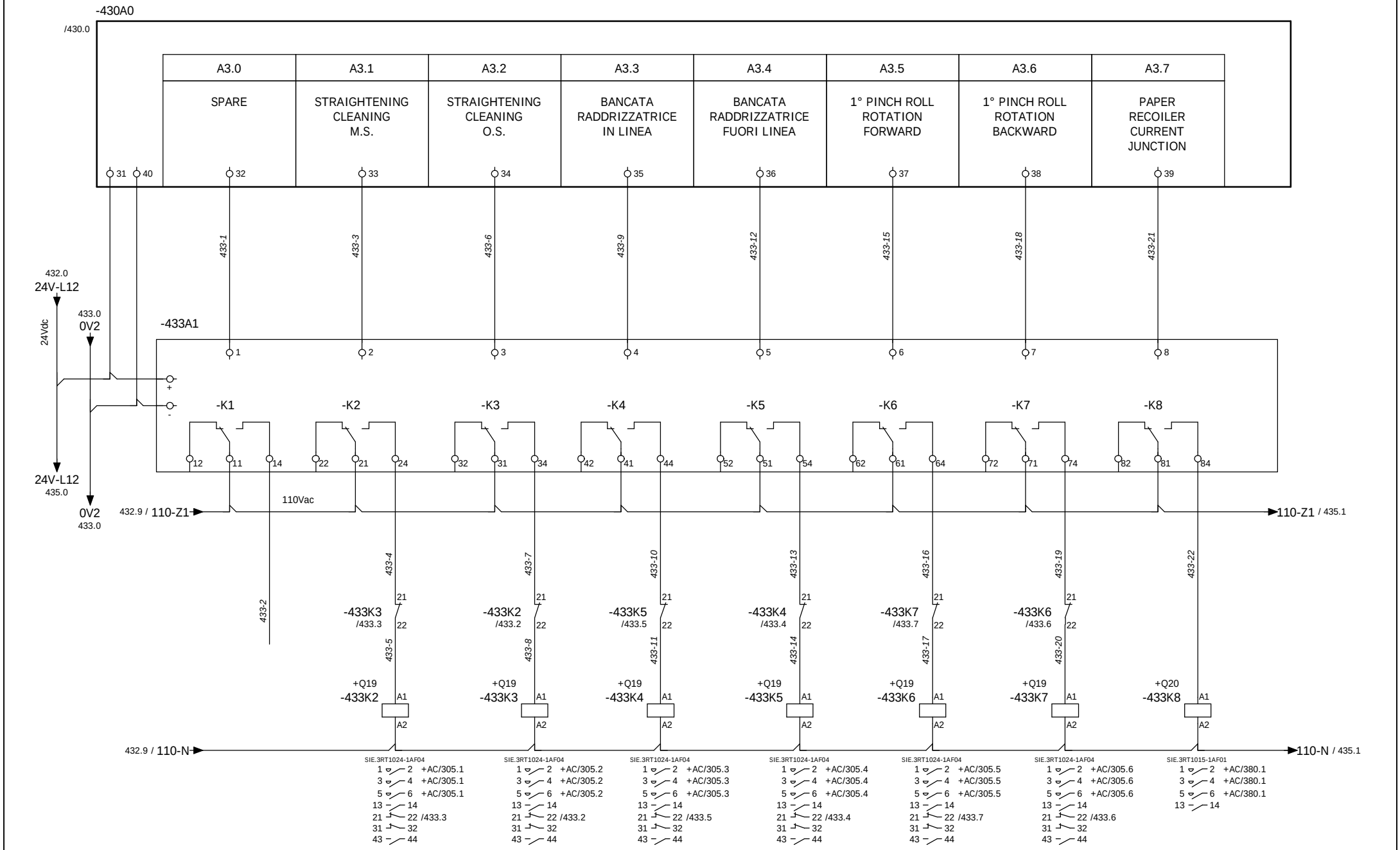
DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

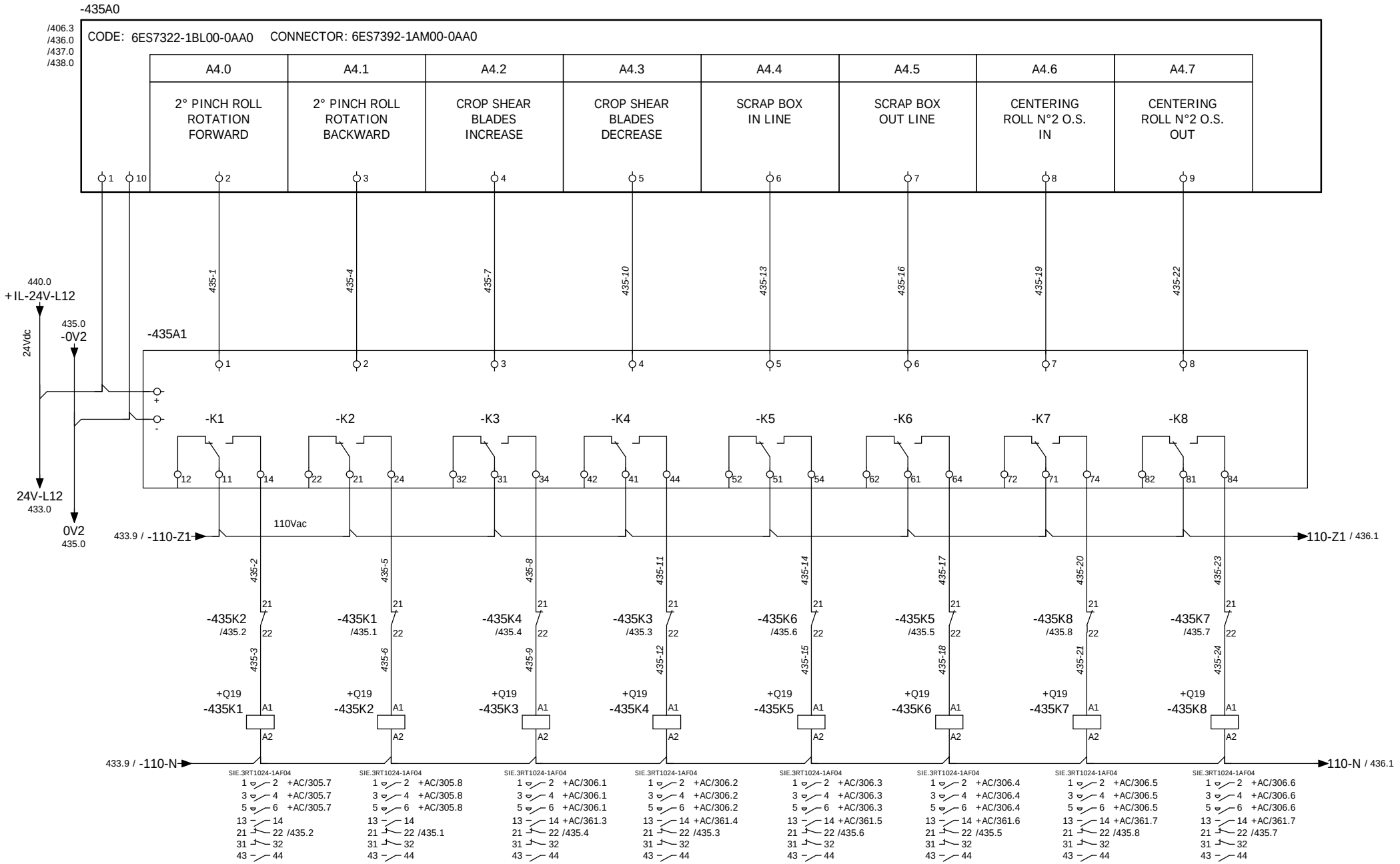
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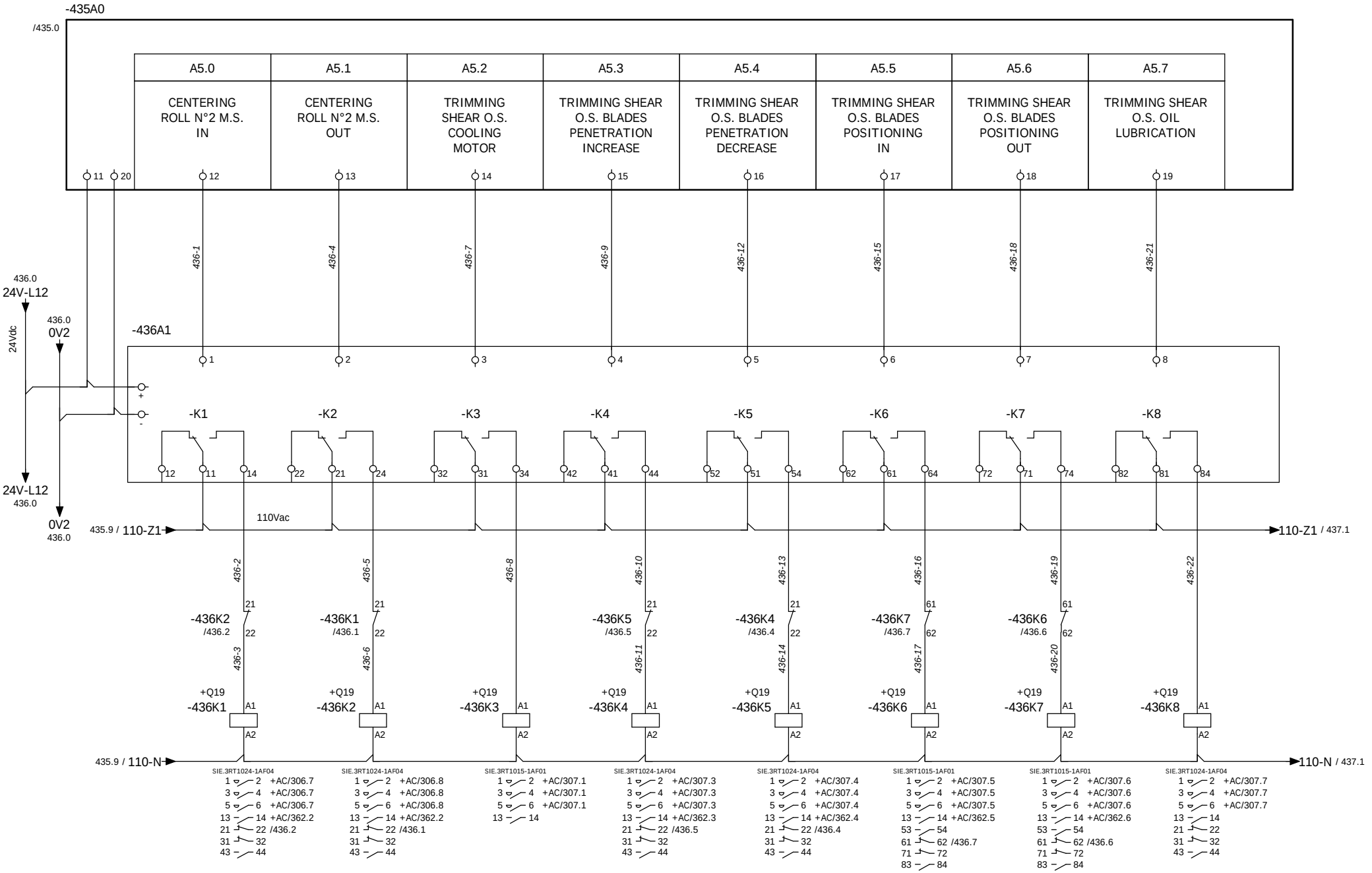
NOVASTILMEC A94

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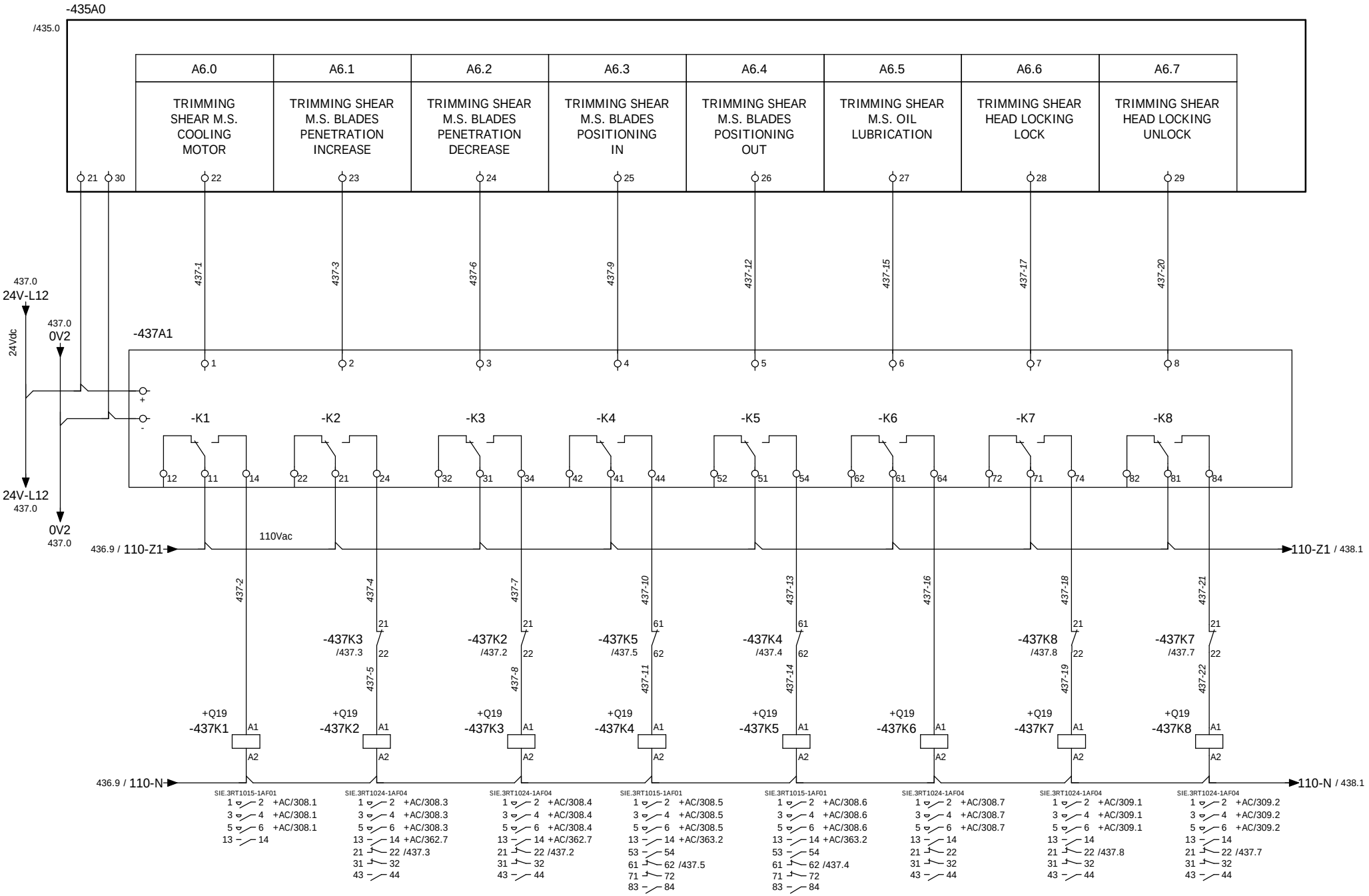
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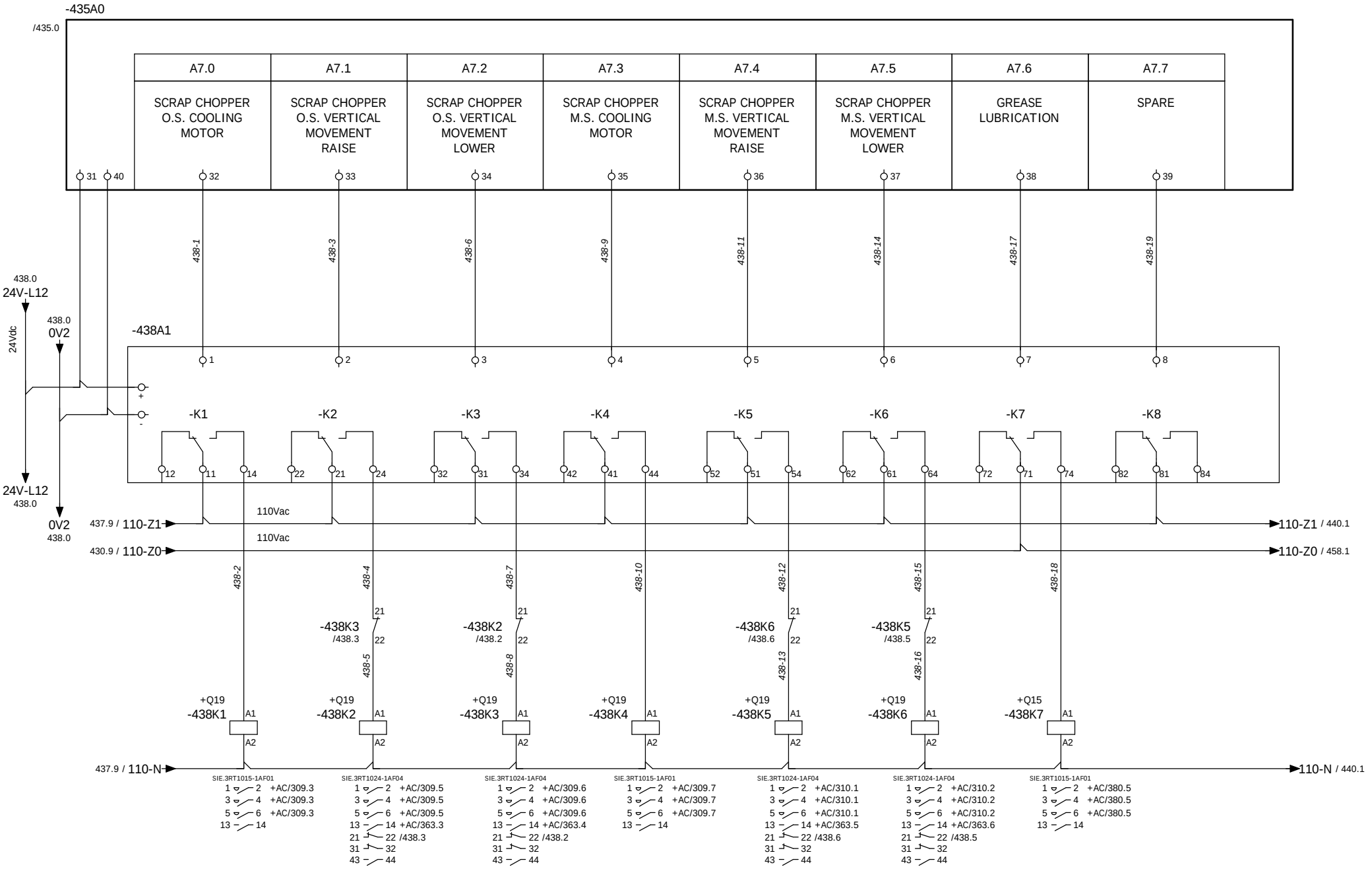
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				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 435
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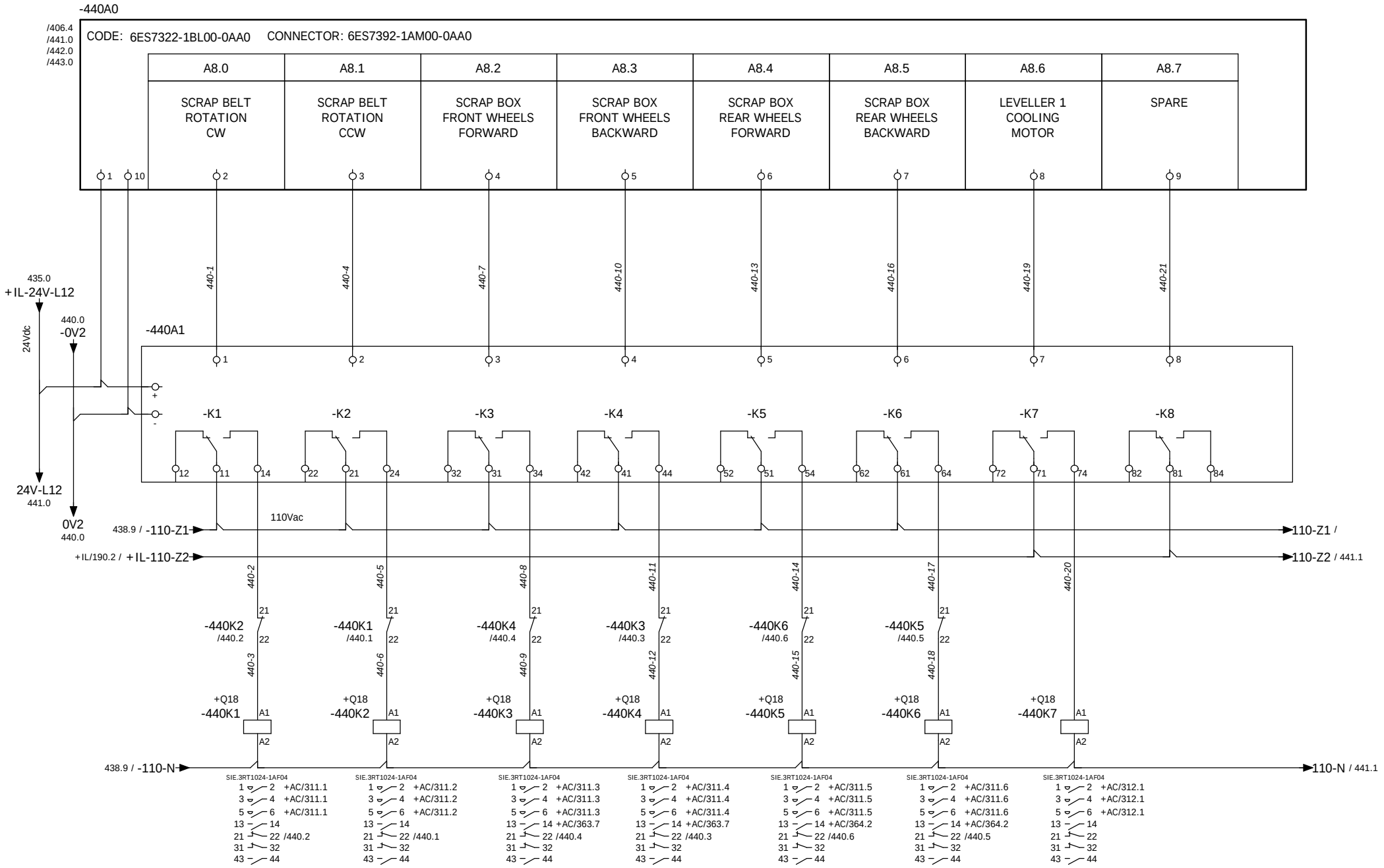
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				Drawn	TPM					+ PLC
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 436
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUT BOARD	NOVASTILMEC A94	= A94
				Drawn	TPM					+ PLC
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 437
Rev.	Descript.	Date	Name	Original				Descript.		Follow 438



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUT BOARD	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **PLC**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **438**
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

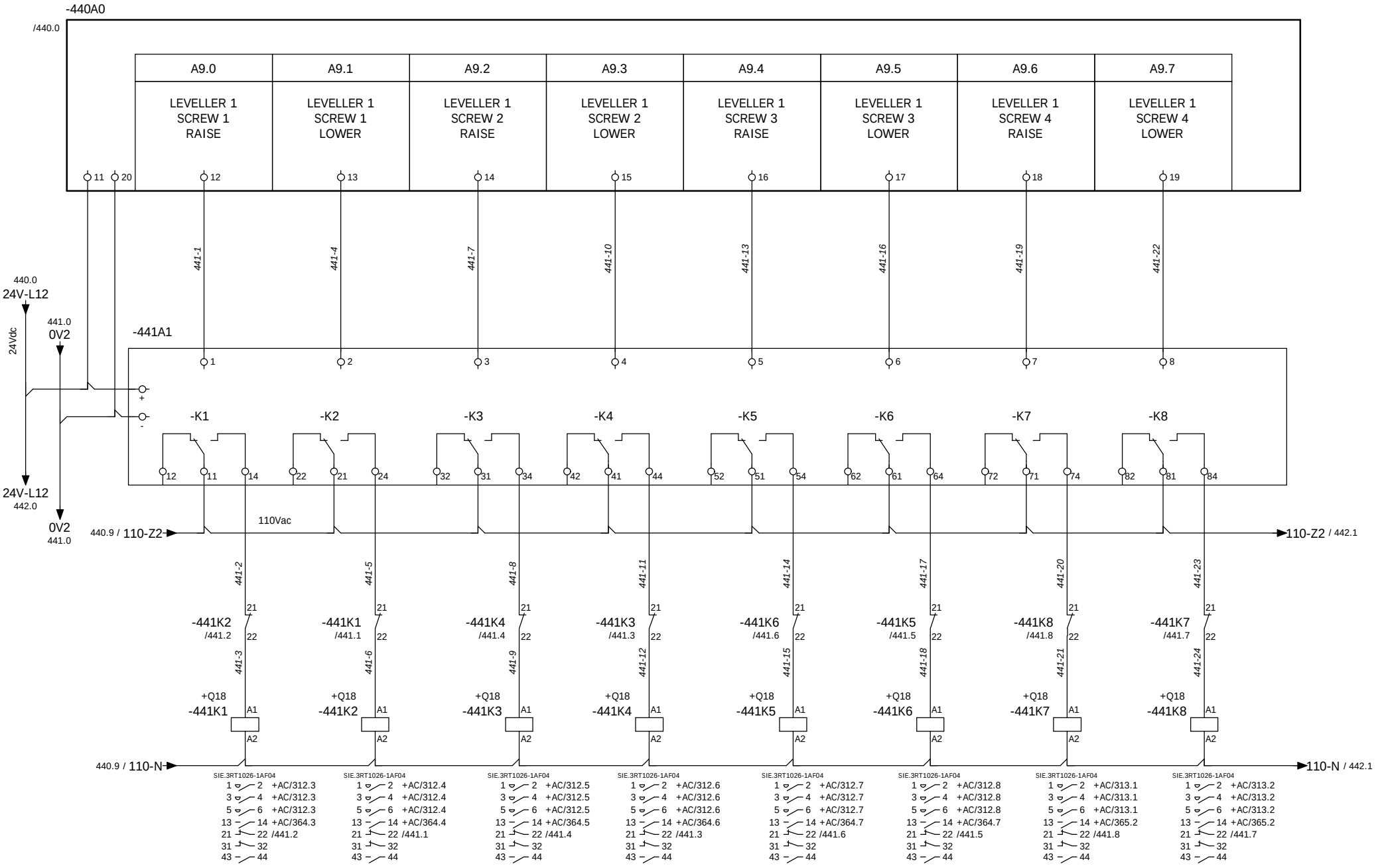
Dwg.Nr. A94

= A94

+ PLC

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

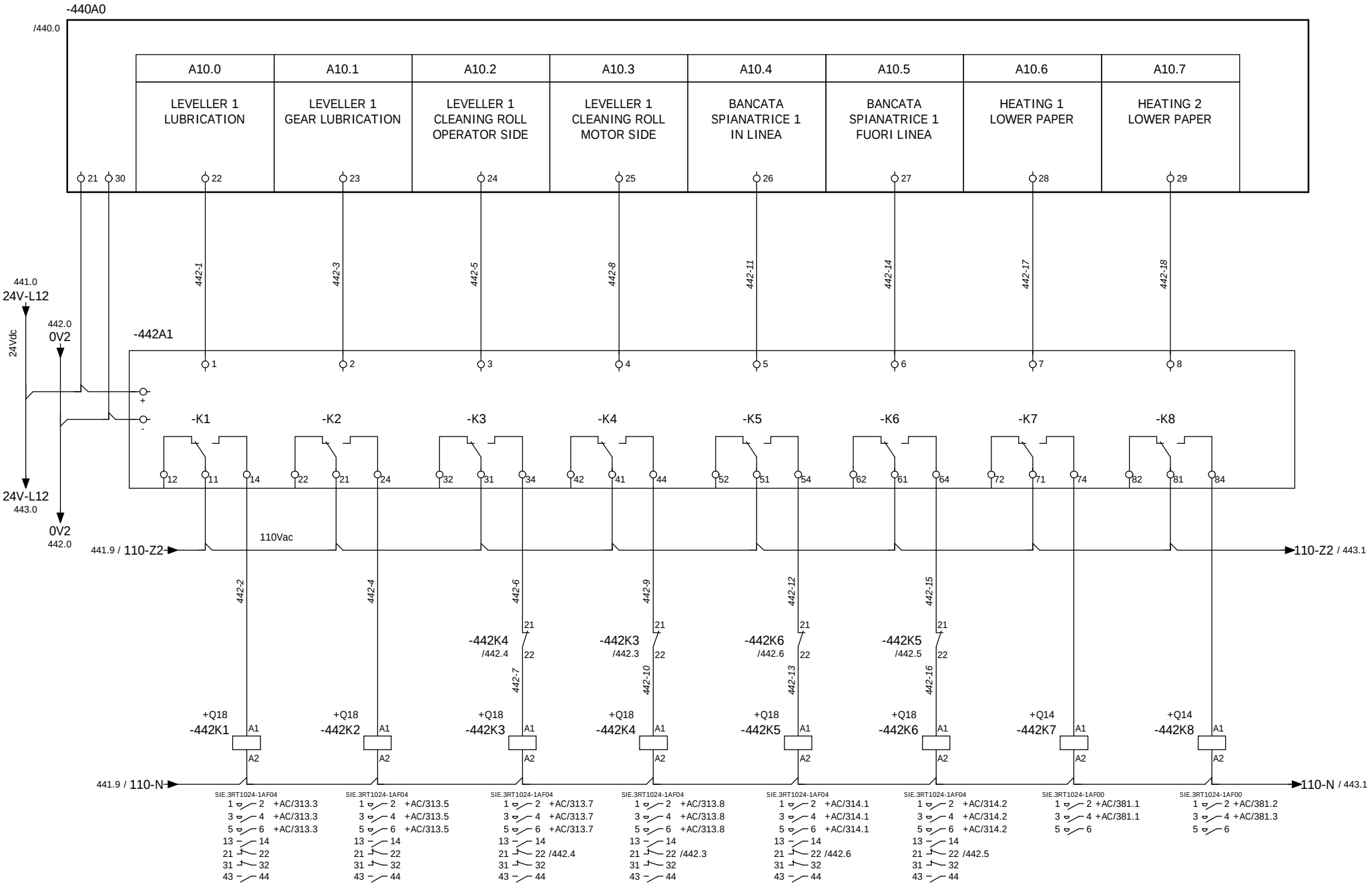
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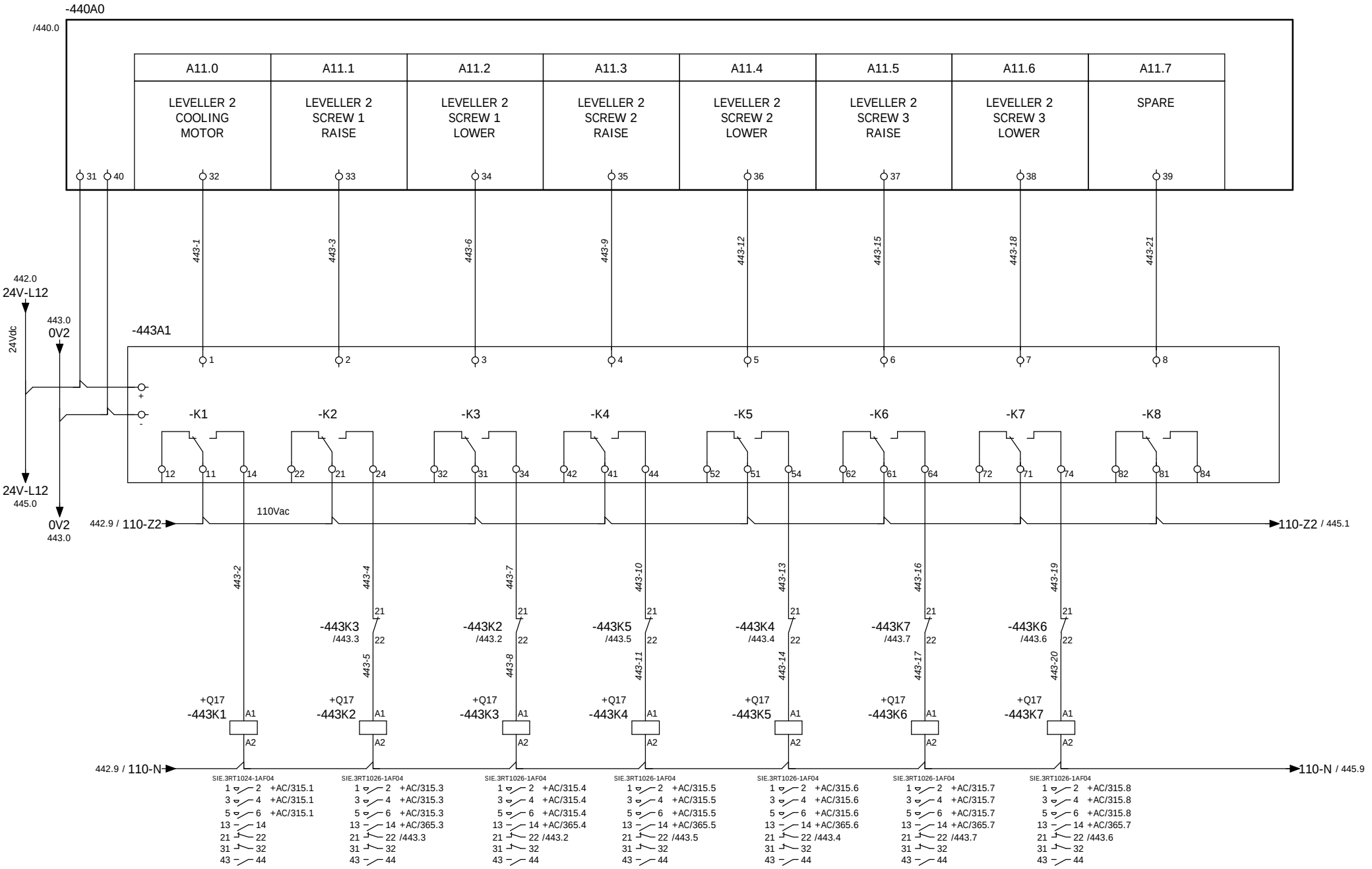
+ **PLC**

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				Drawn	TPM					+ PLC
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

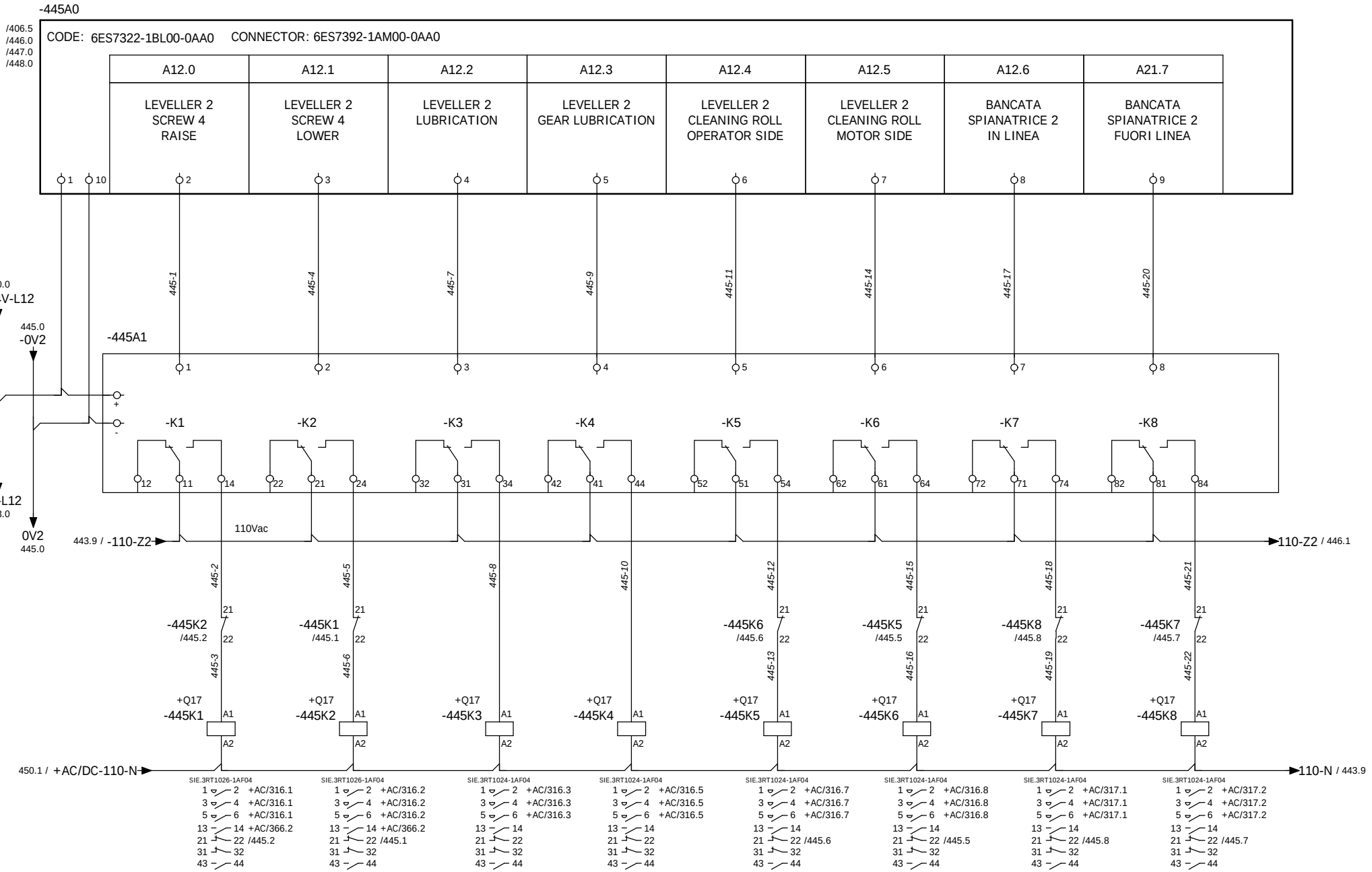
Job Nr.

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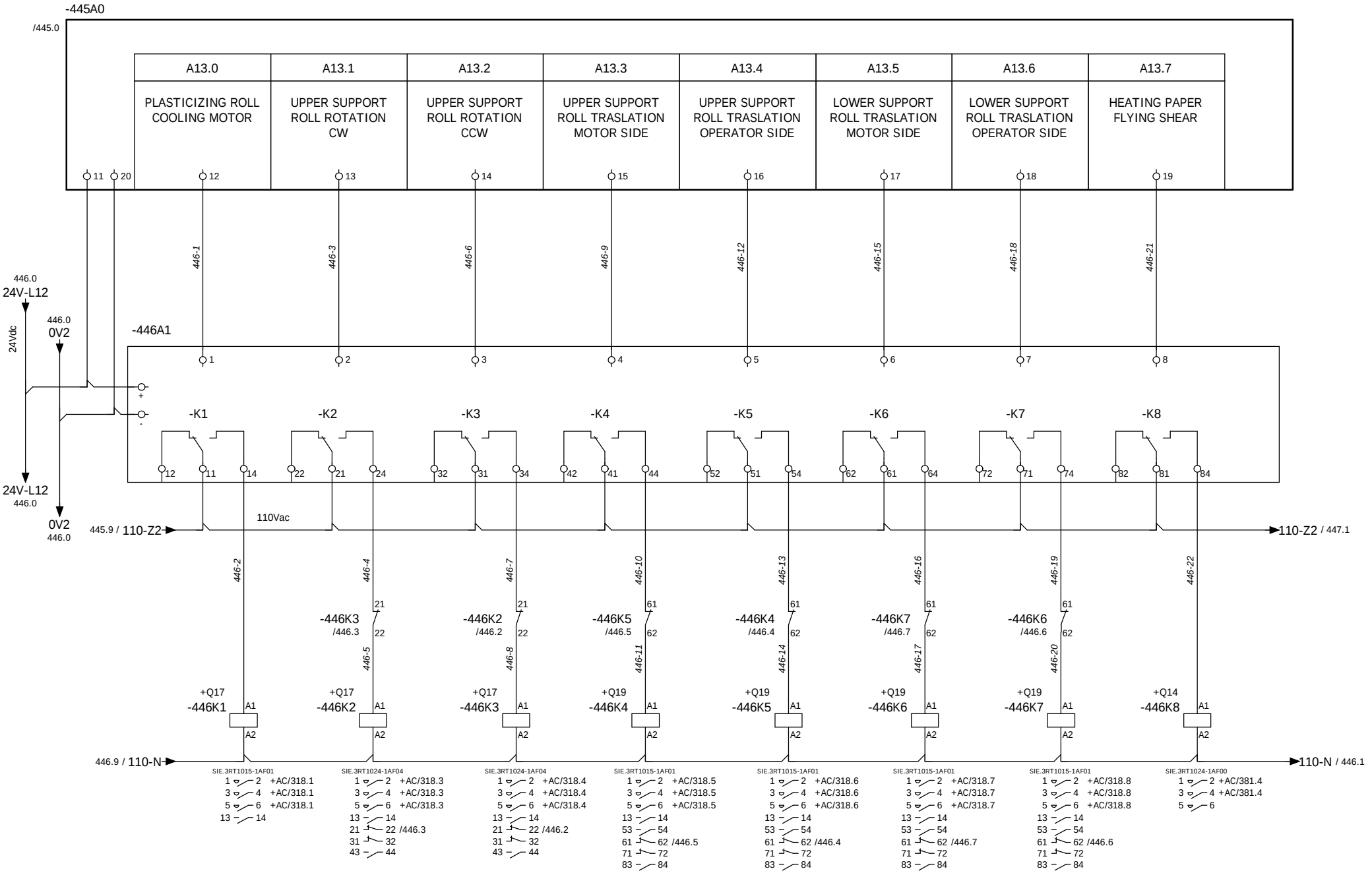
= A94
+ **PLC**

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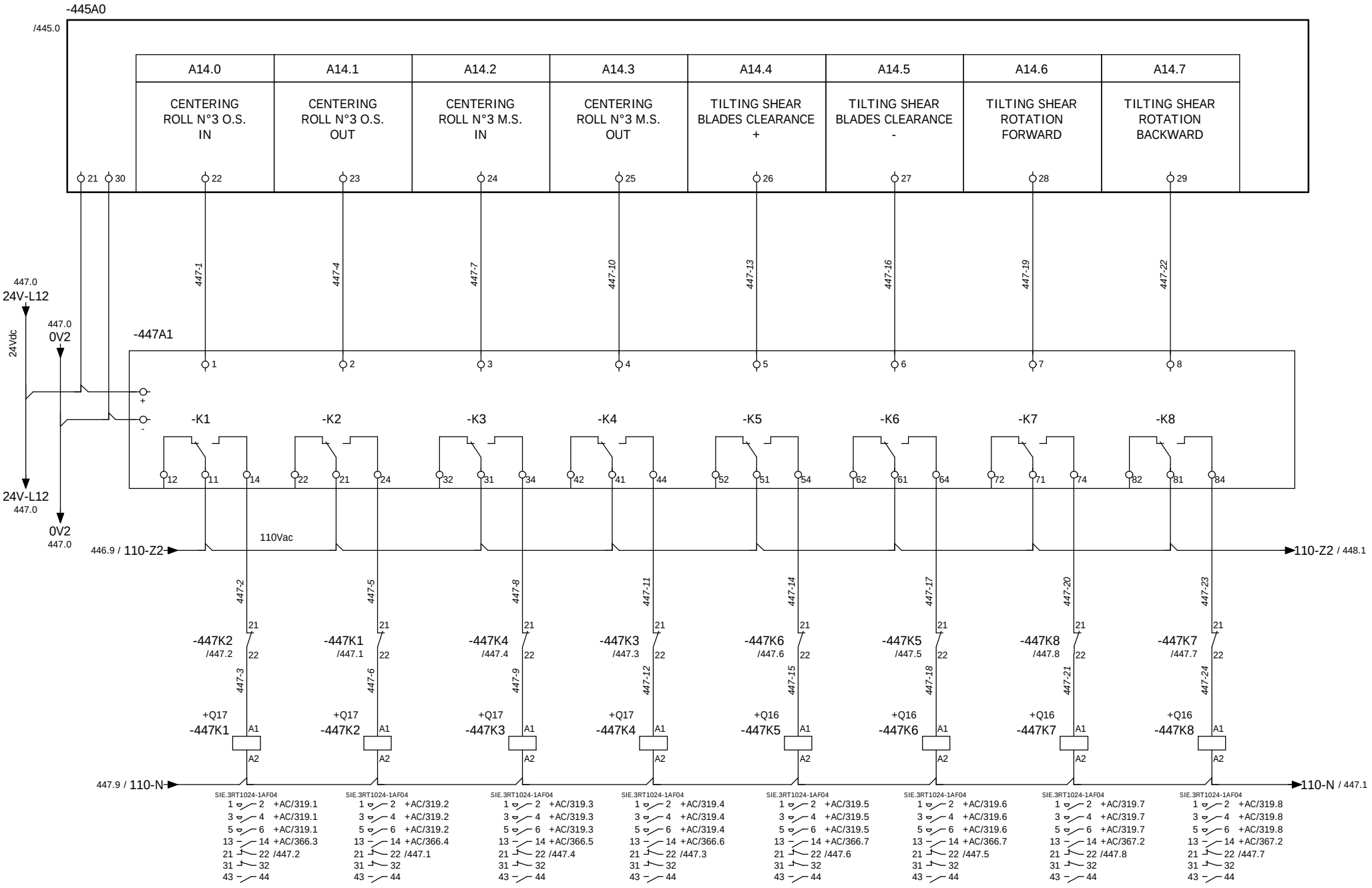
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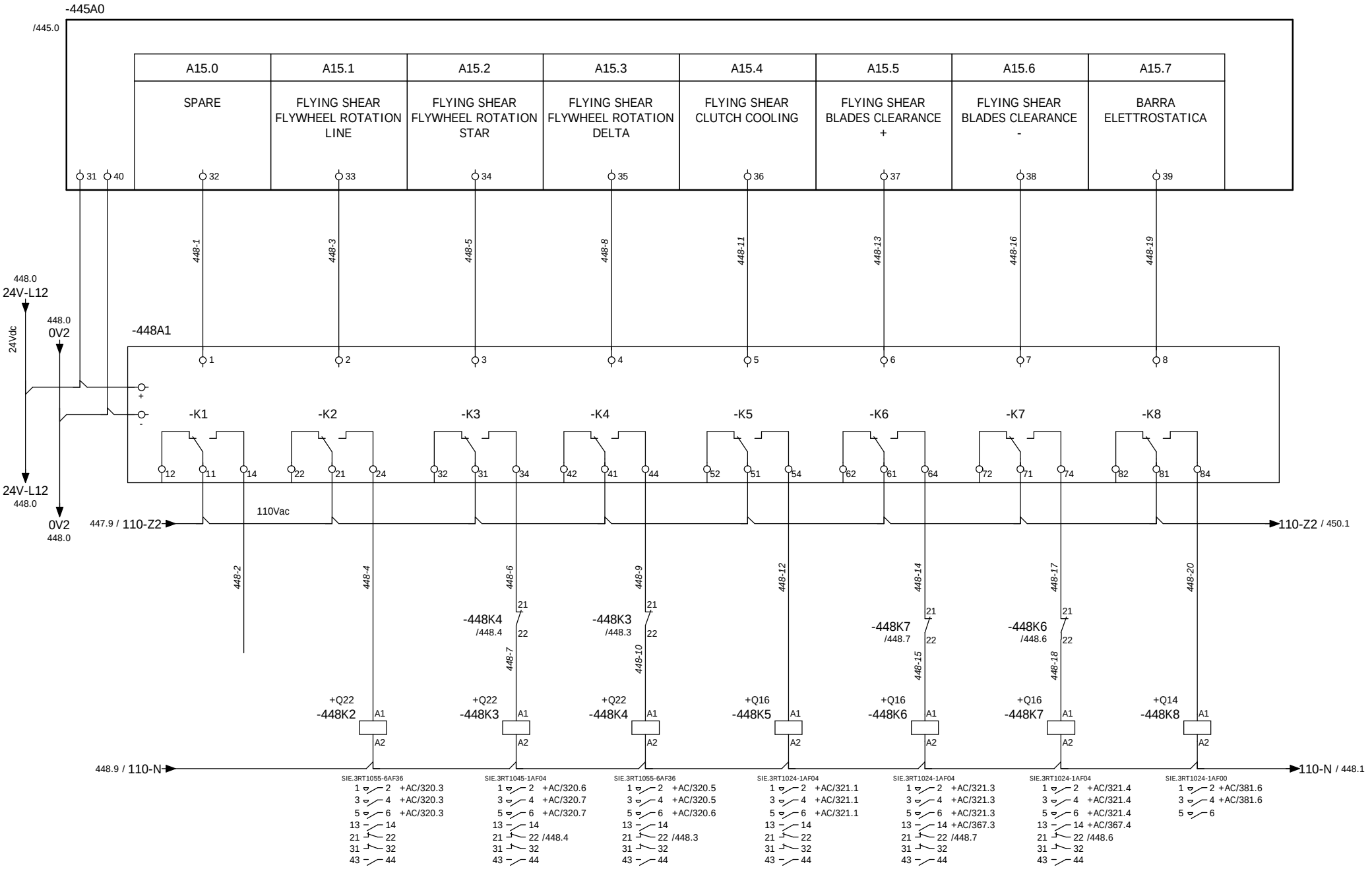
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Rev.	Descript.	Date	Name	Original				Descript.		Follow 447

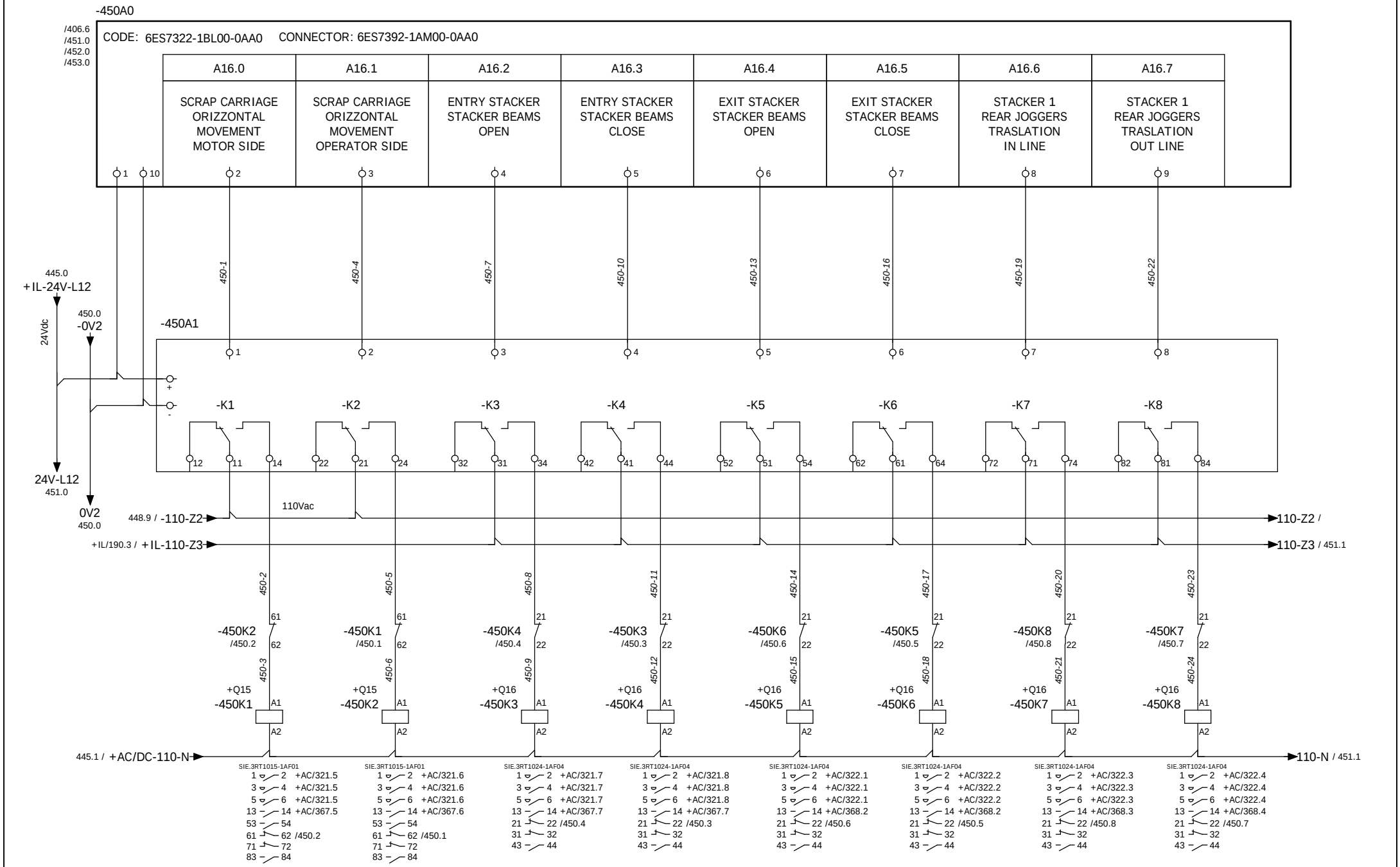


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				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 447
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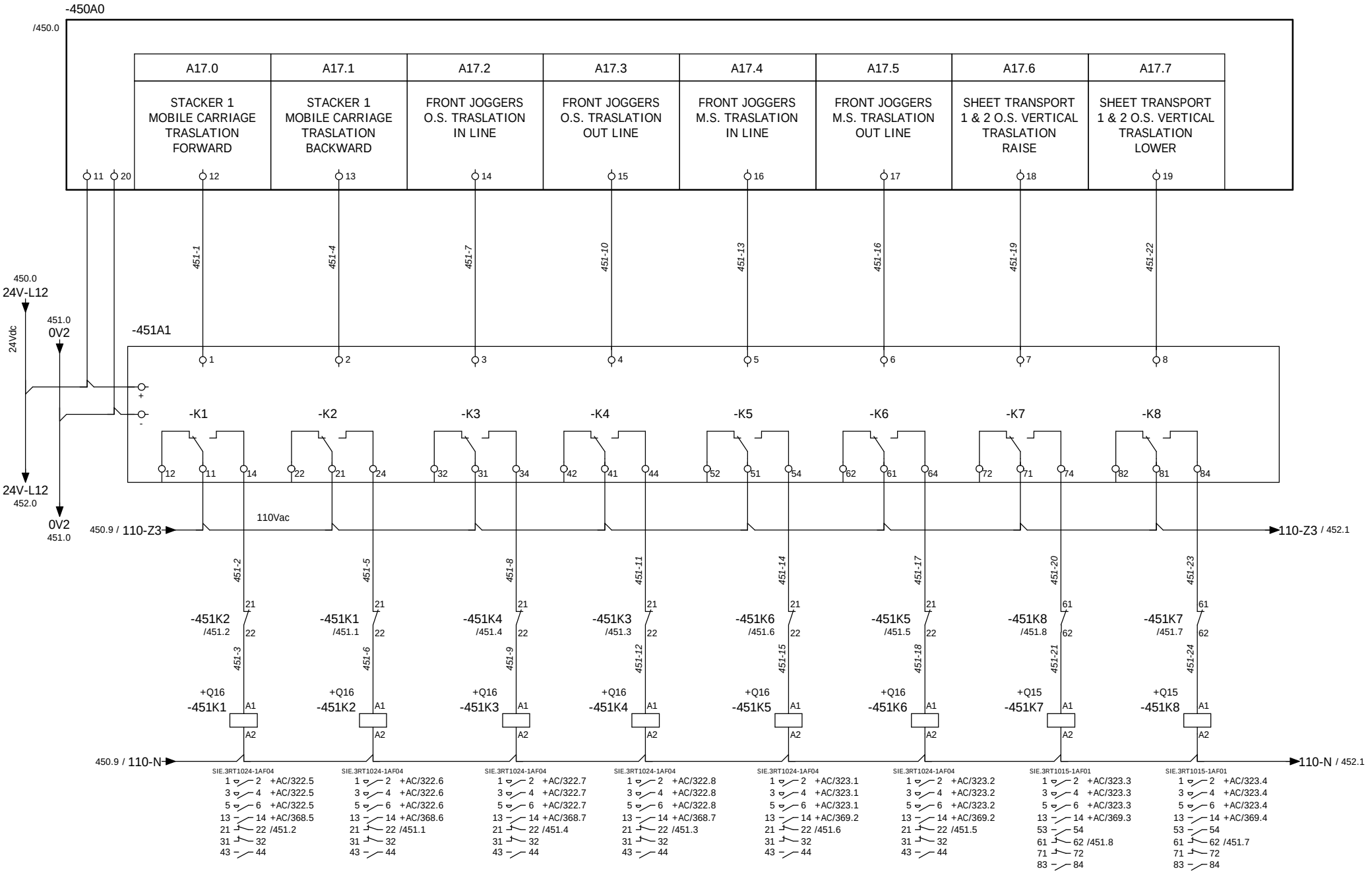


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				Check	ALE				
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUT BOARD	NOVASTILMEC A94	= A94
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

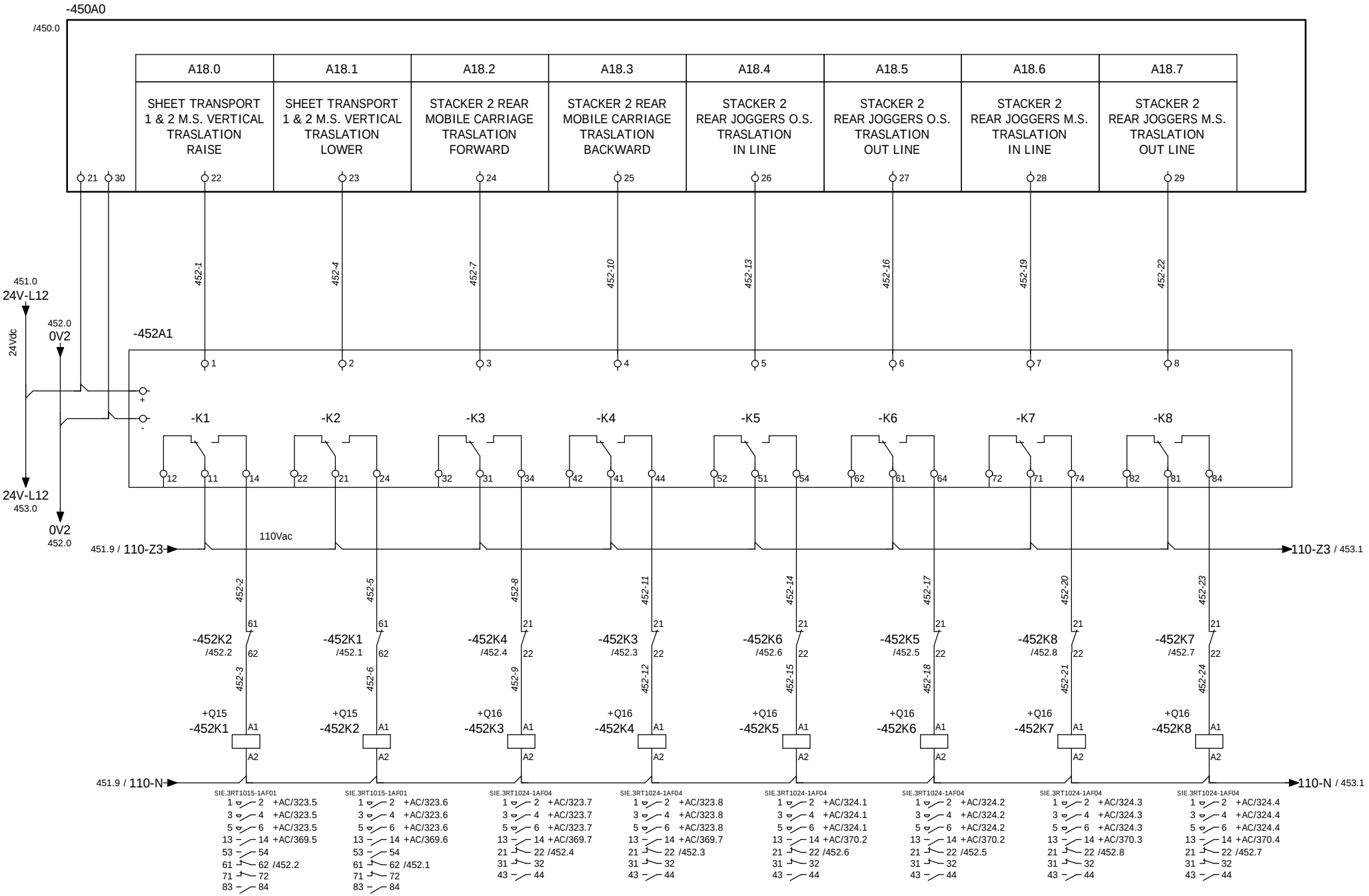
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

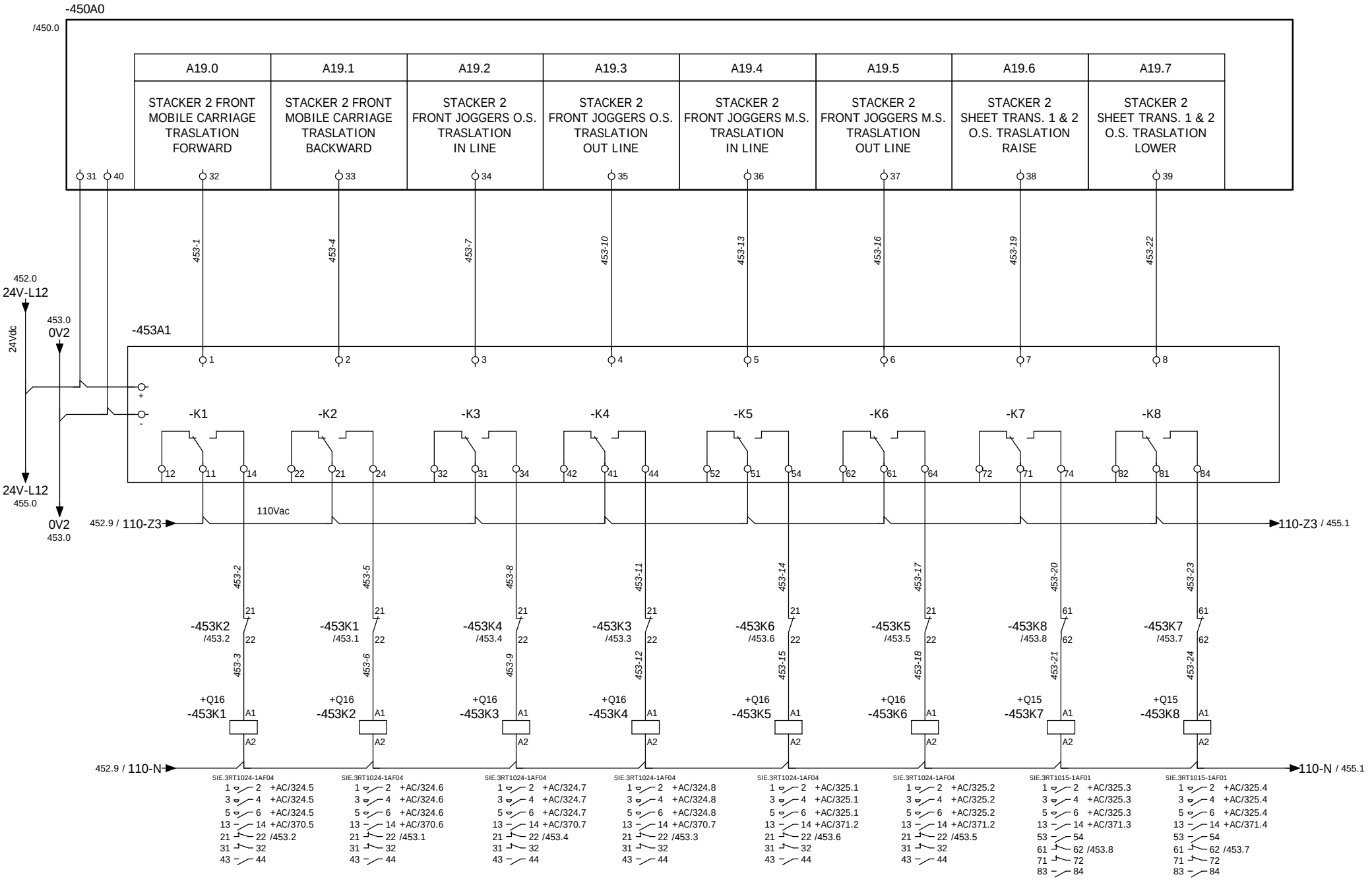
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

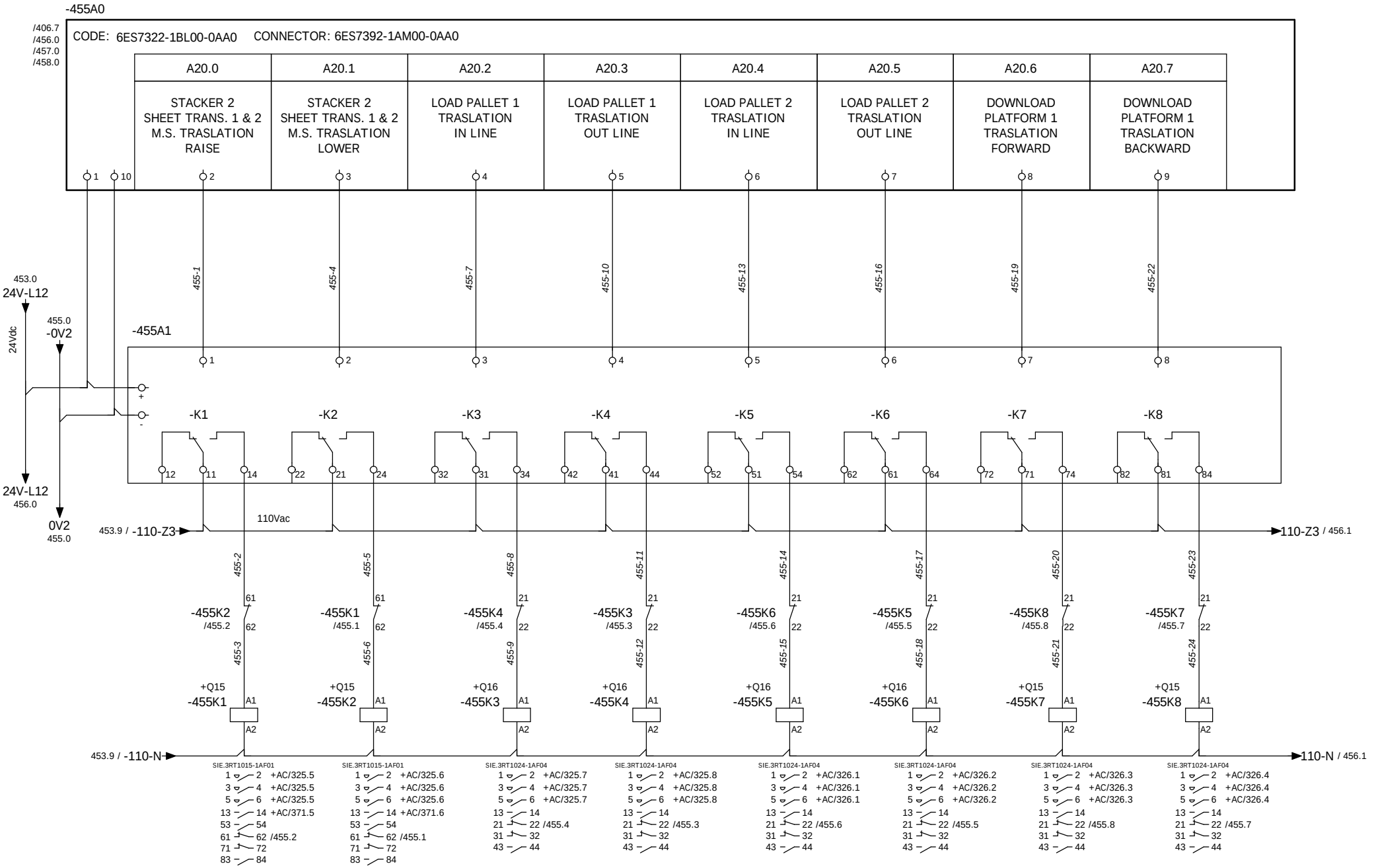
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

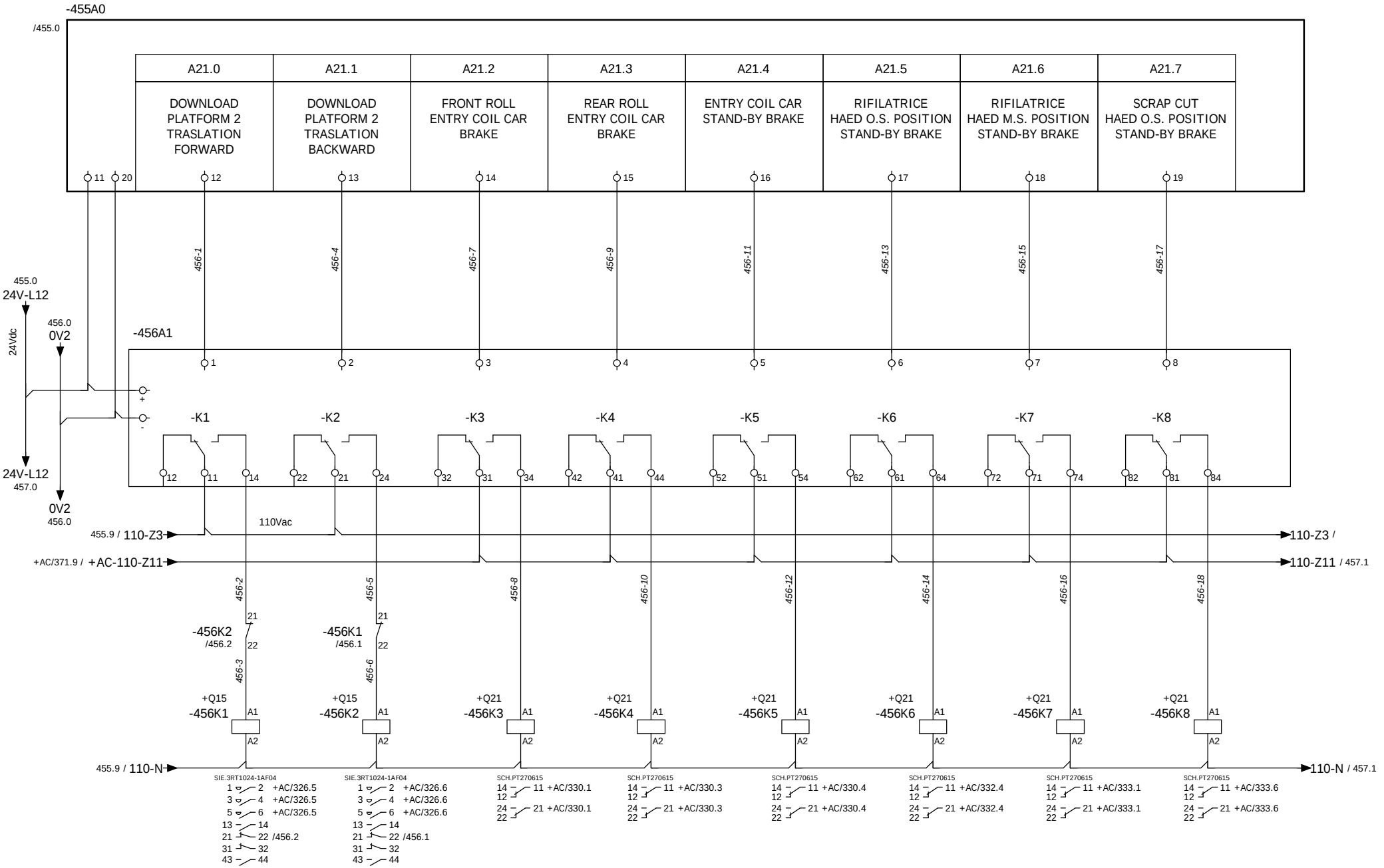
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

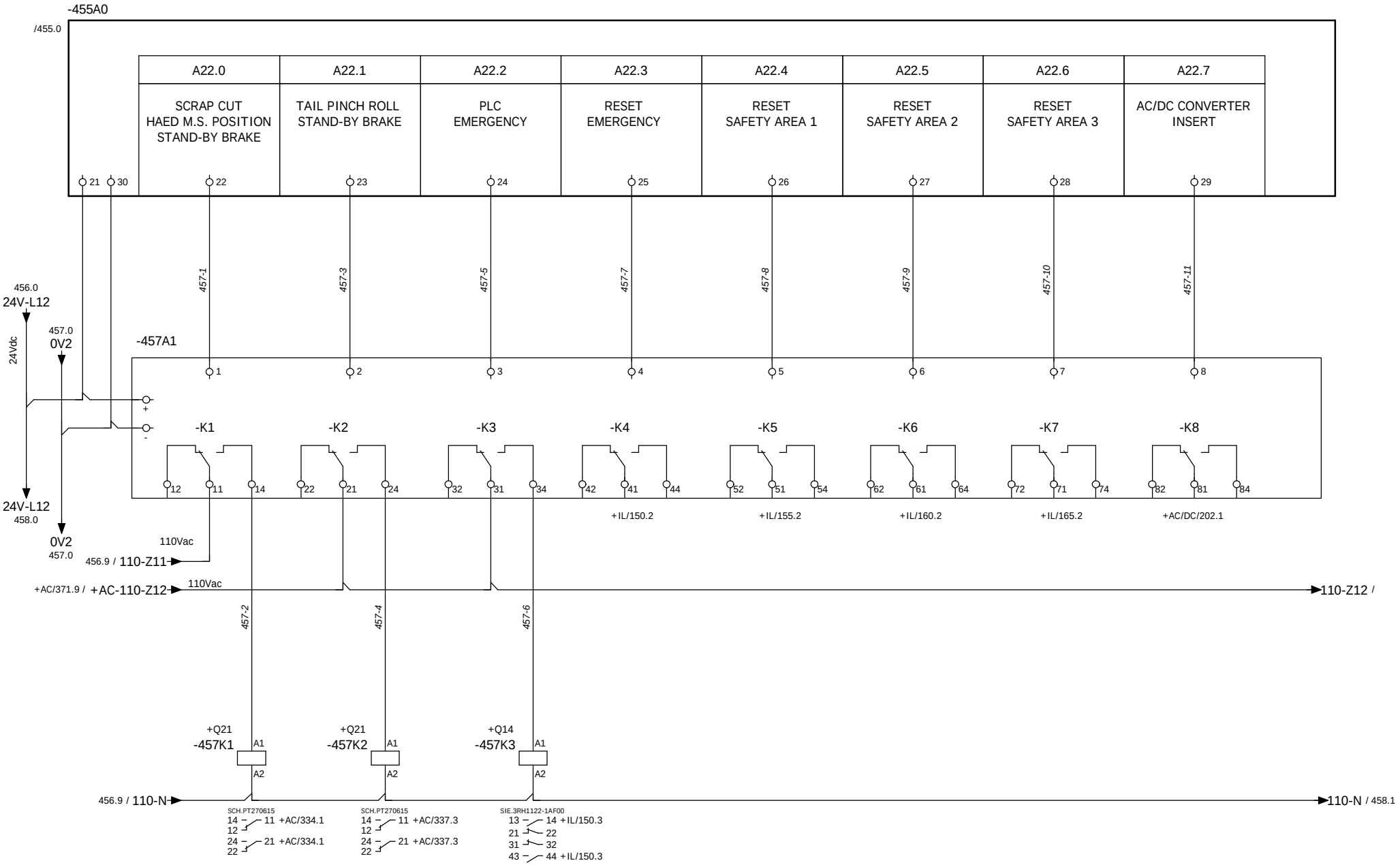
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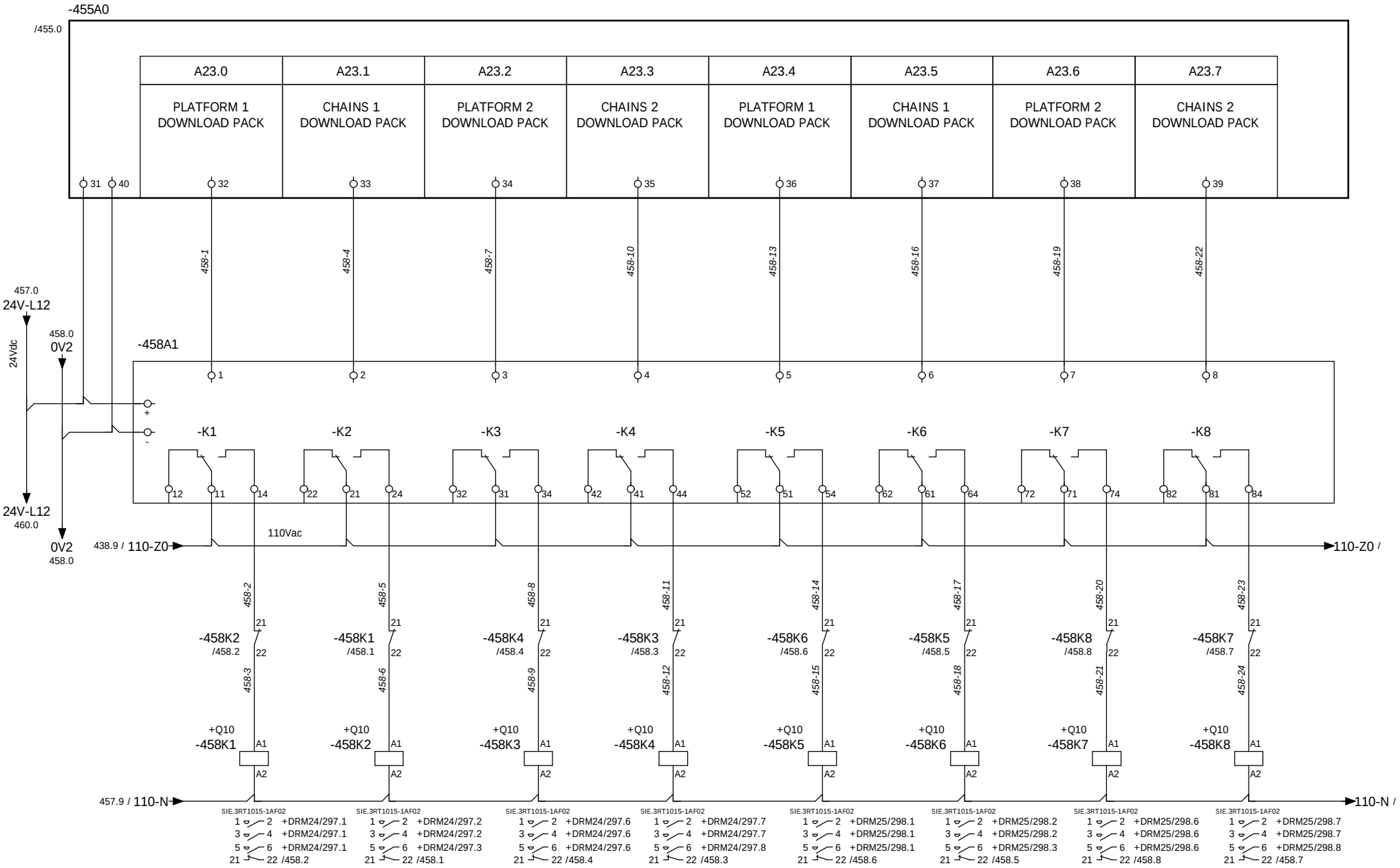
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

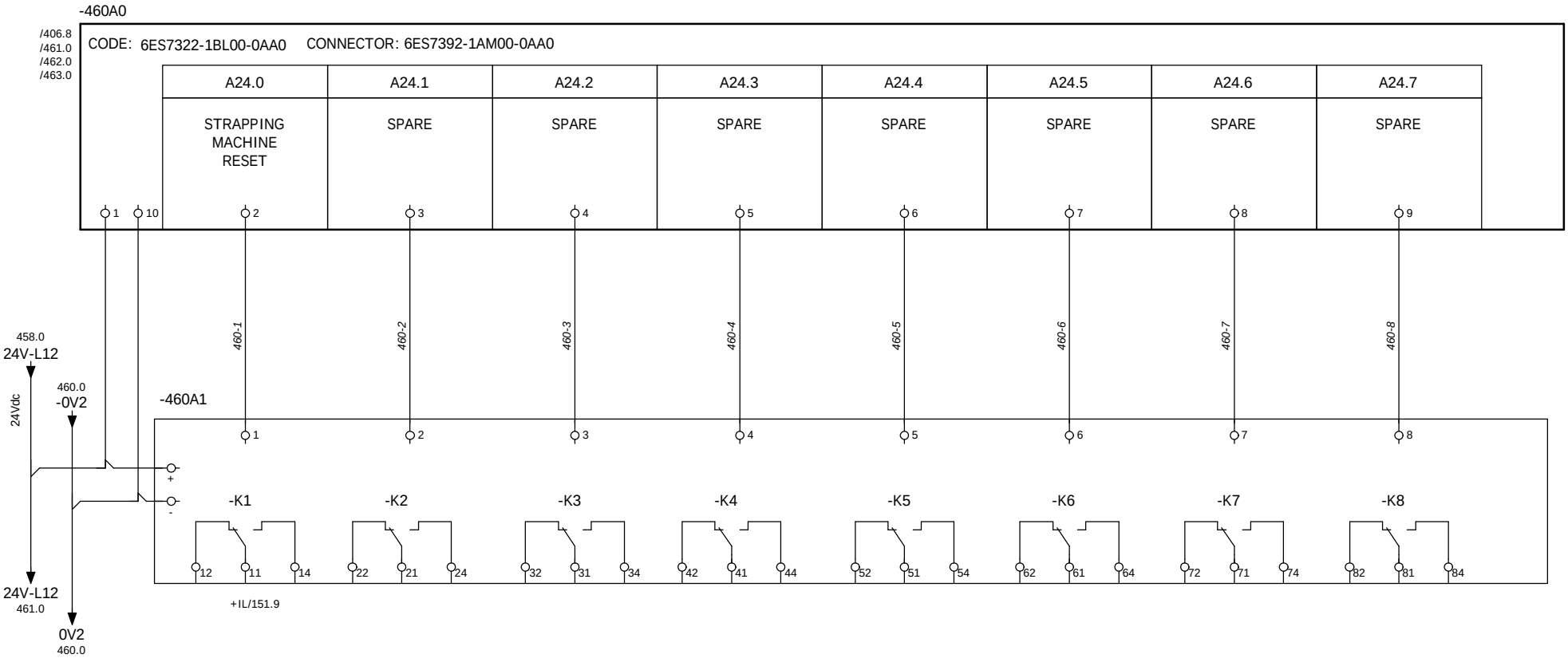
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

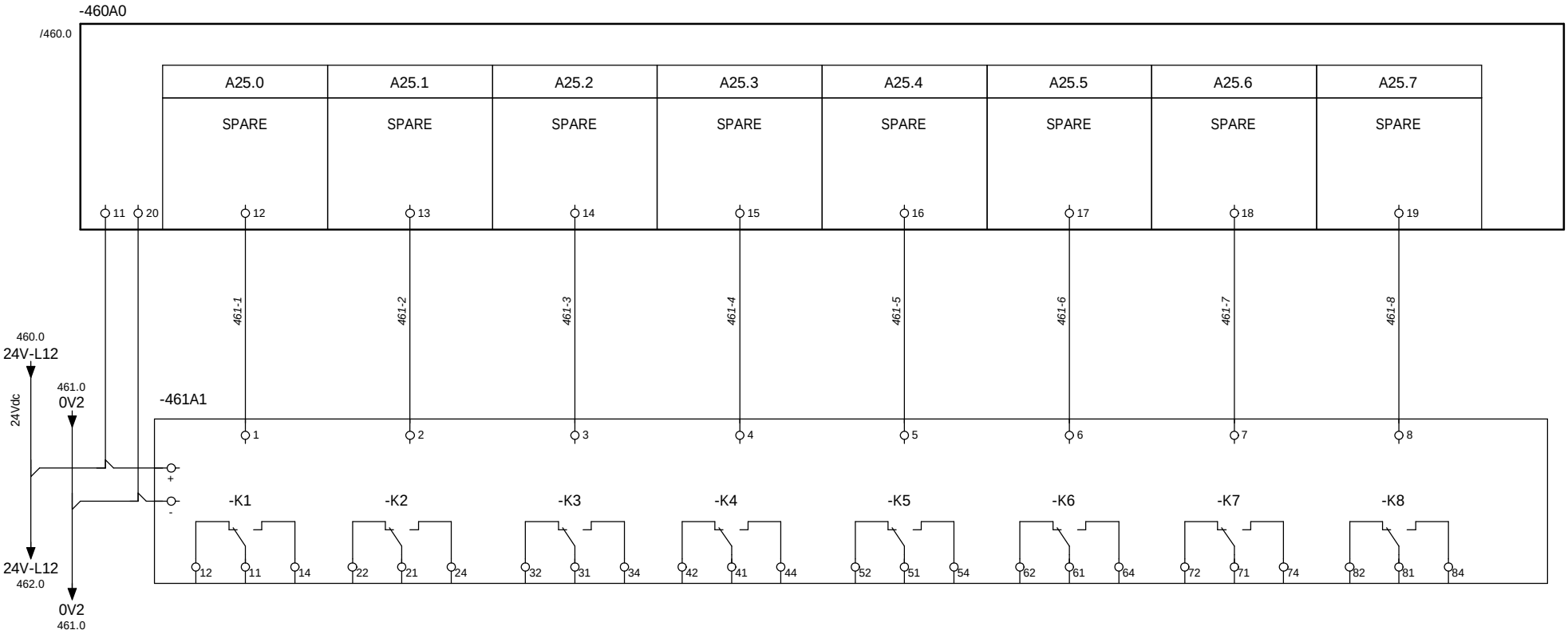
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

Job Nr.

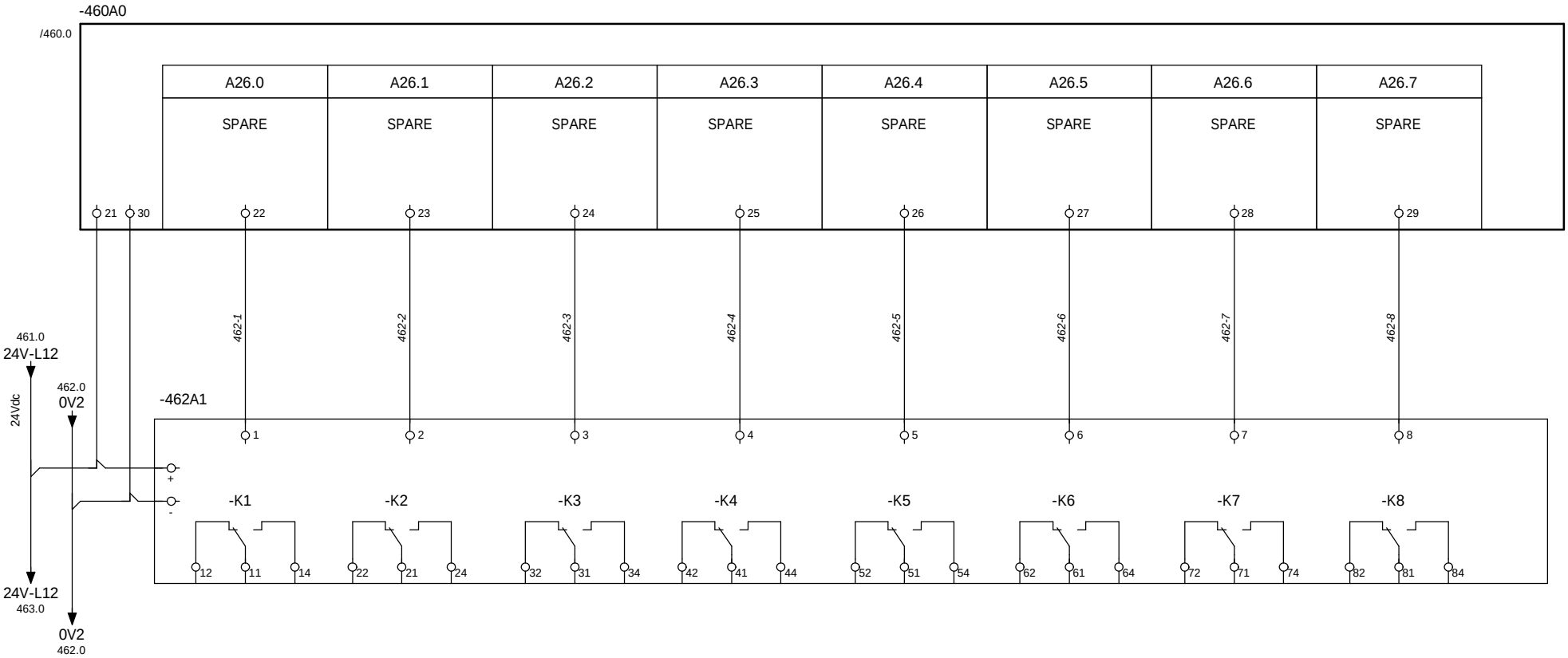
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL OUTPUT BOARD

NOVASTILMEC A94

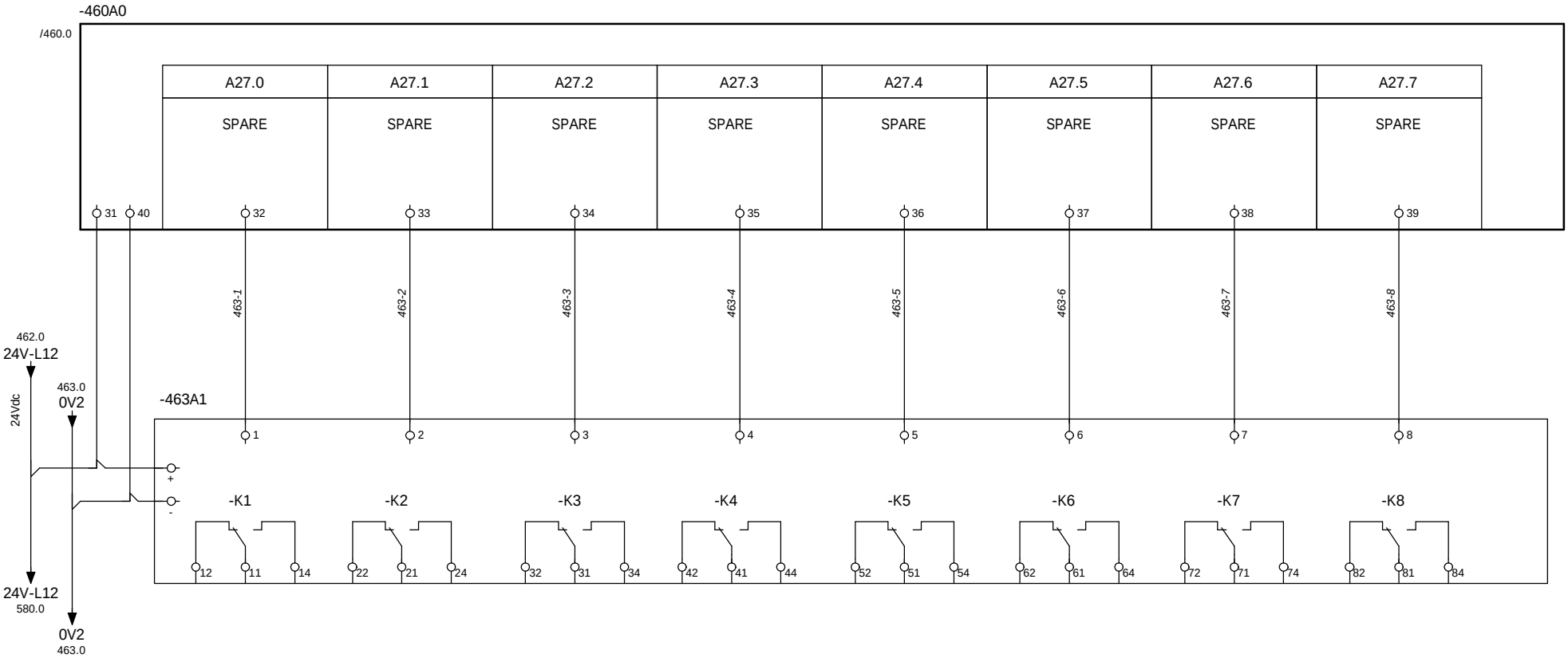
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT BOARD

Descript.

NOVASTILMEC A94

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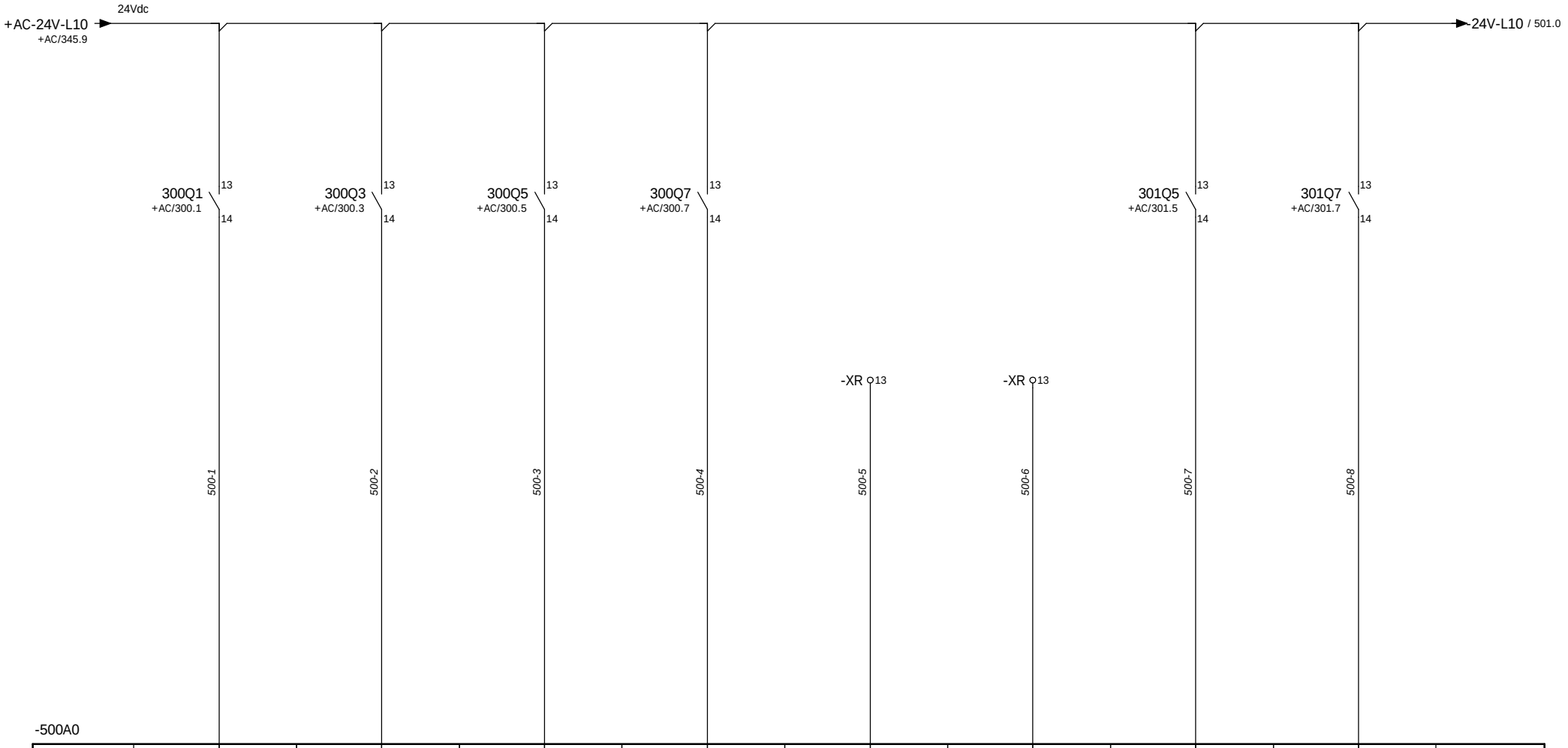
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

Job Nr.

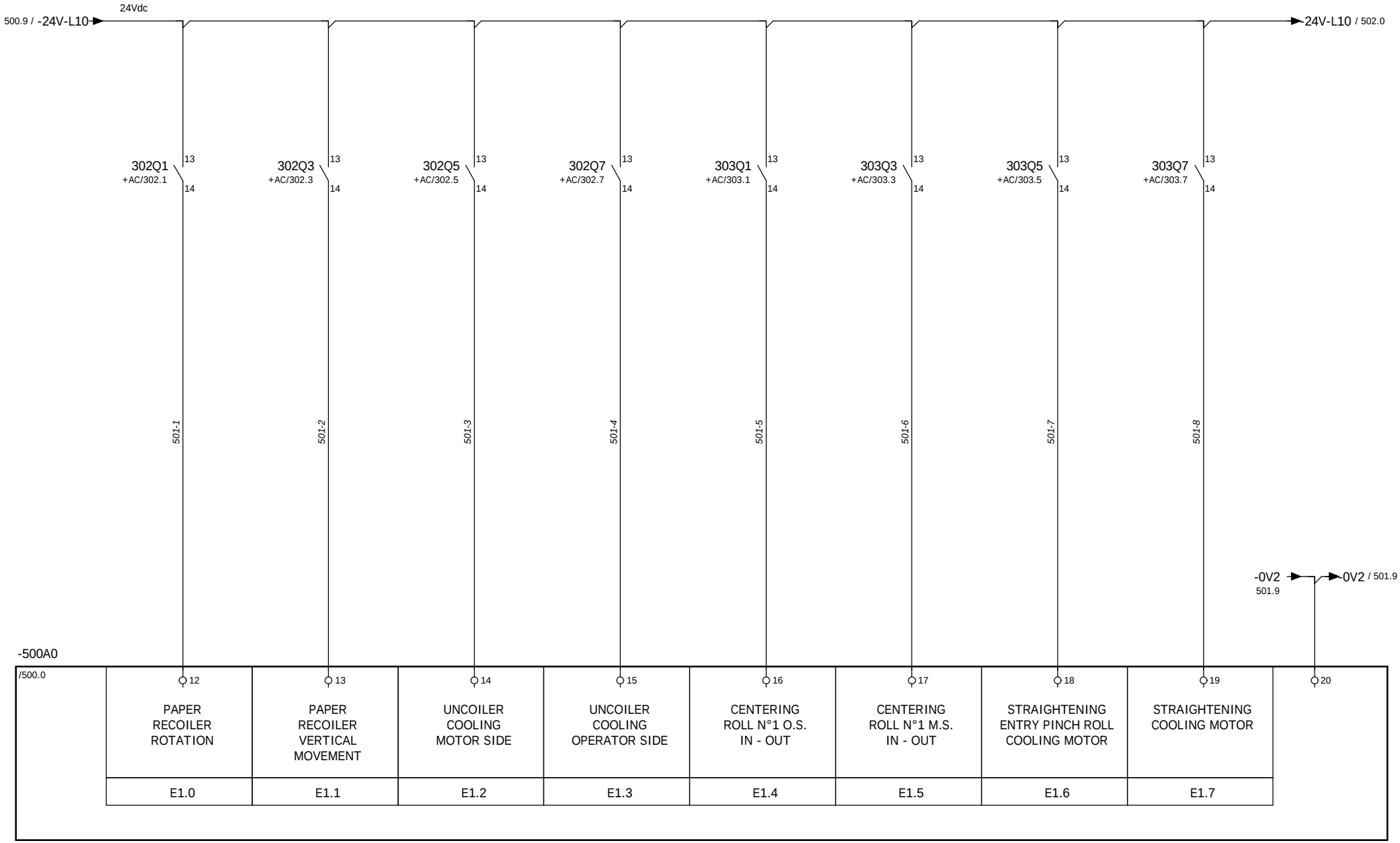
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

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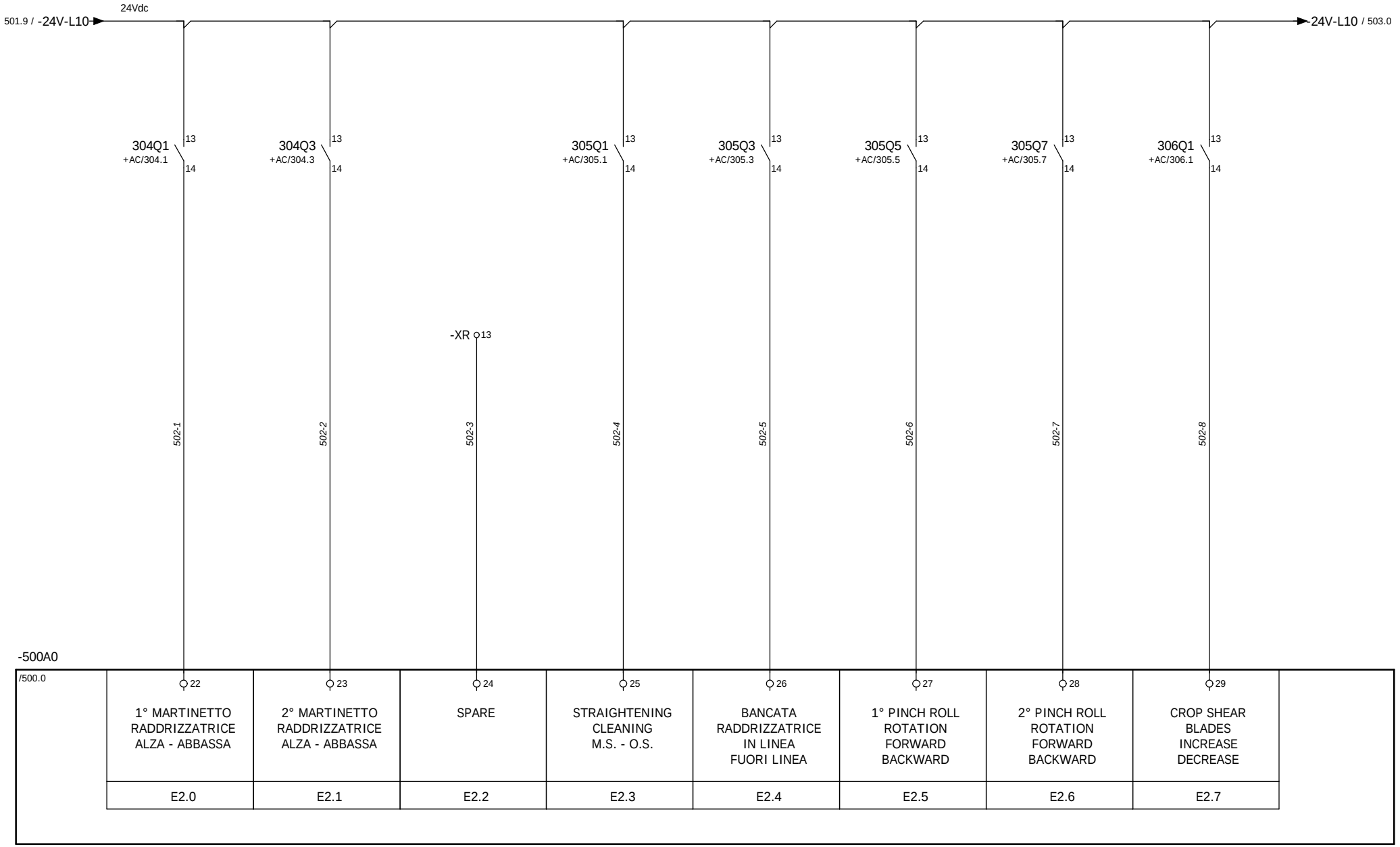
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

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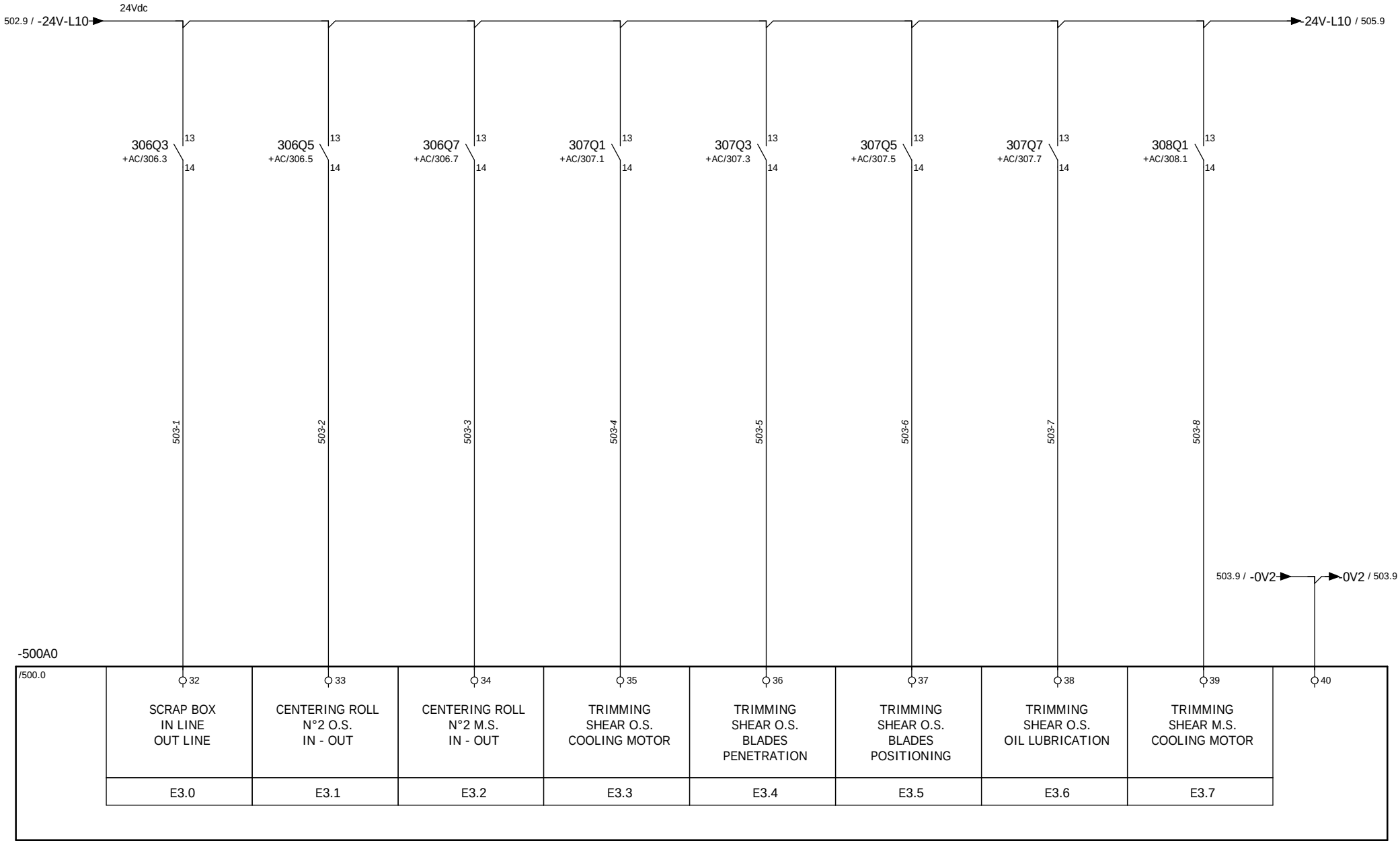
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

Job Nr.

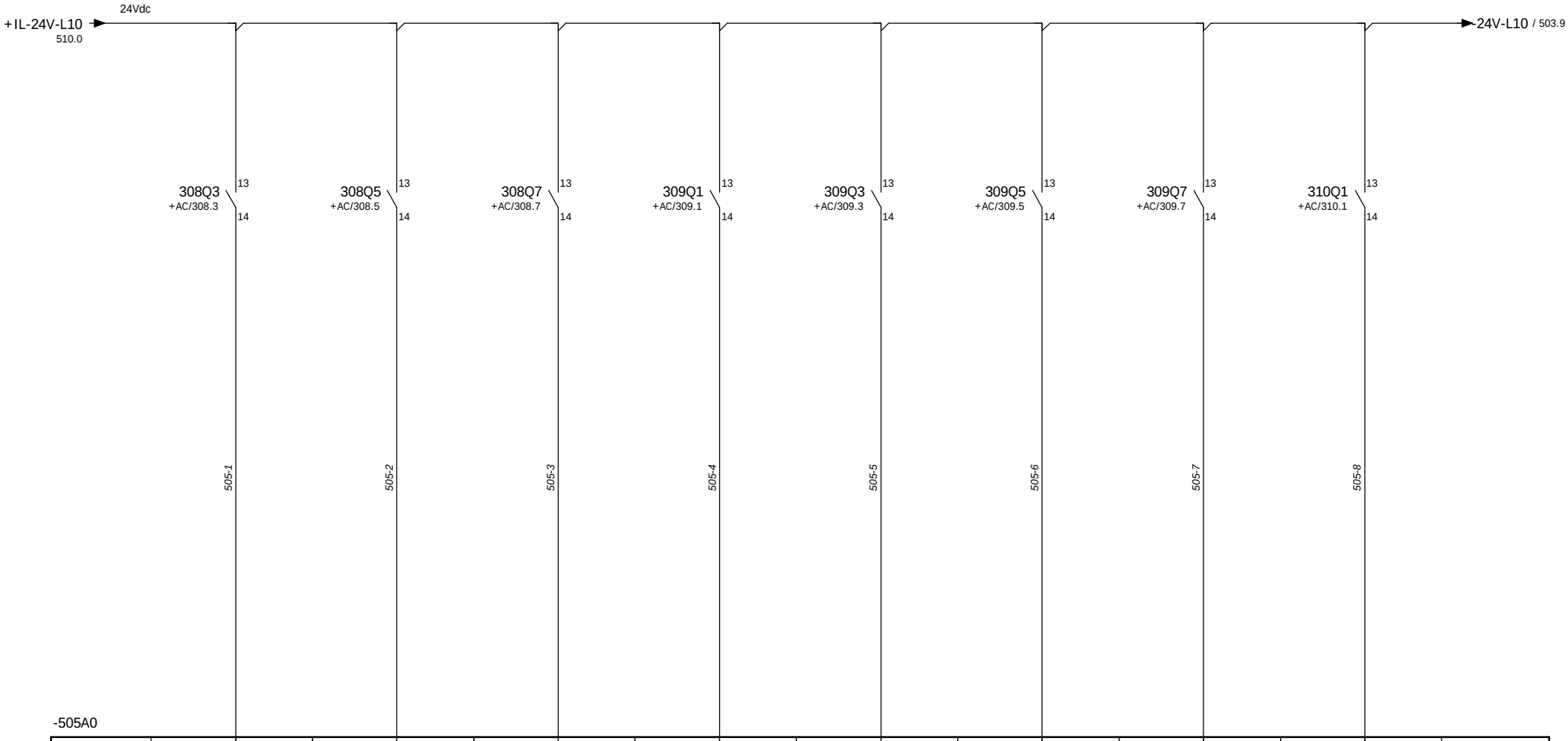
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

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NOVASTILMEC A94

Job Nr.

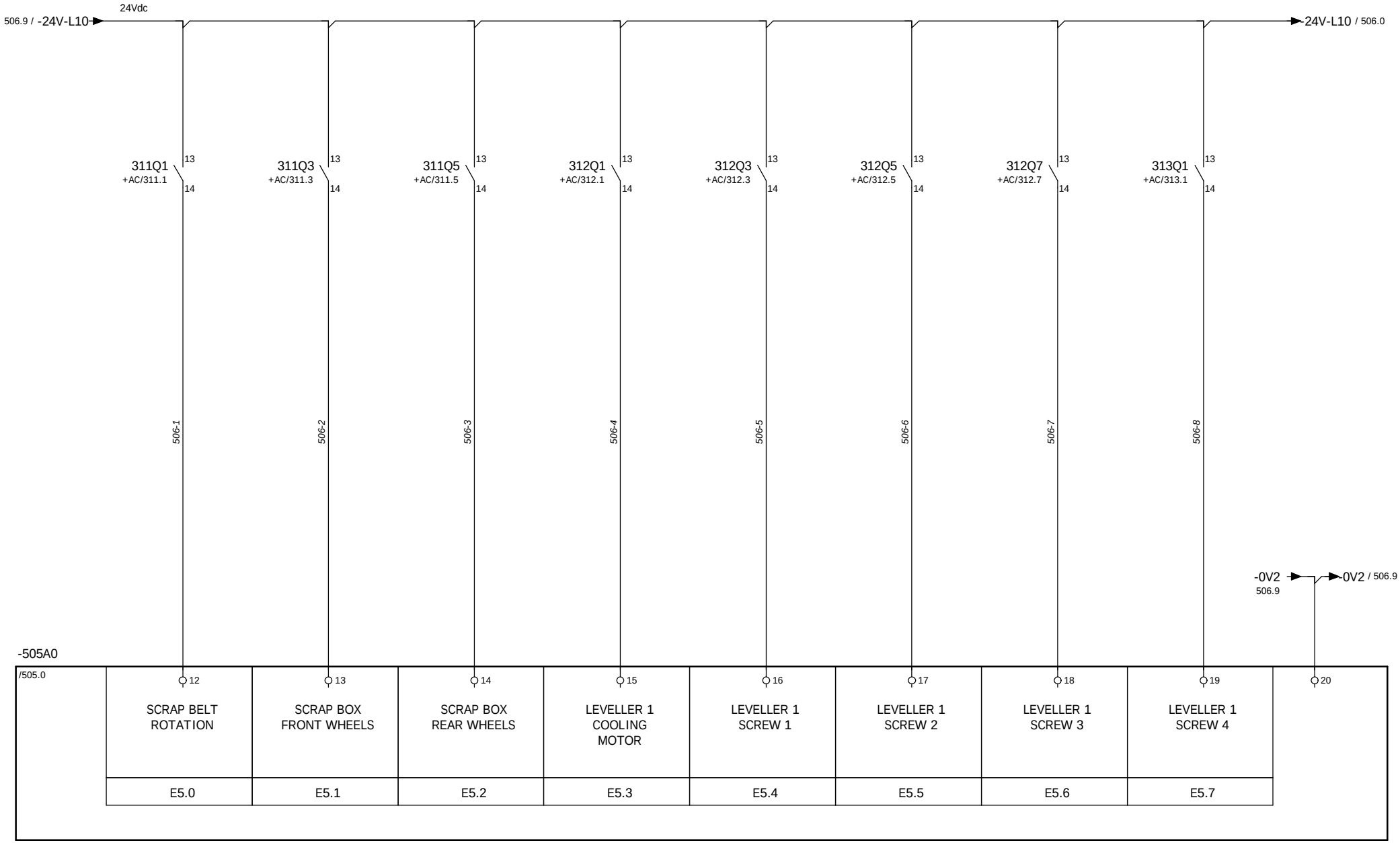
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

Job Nr.

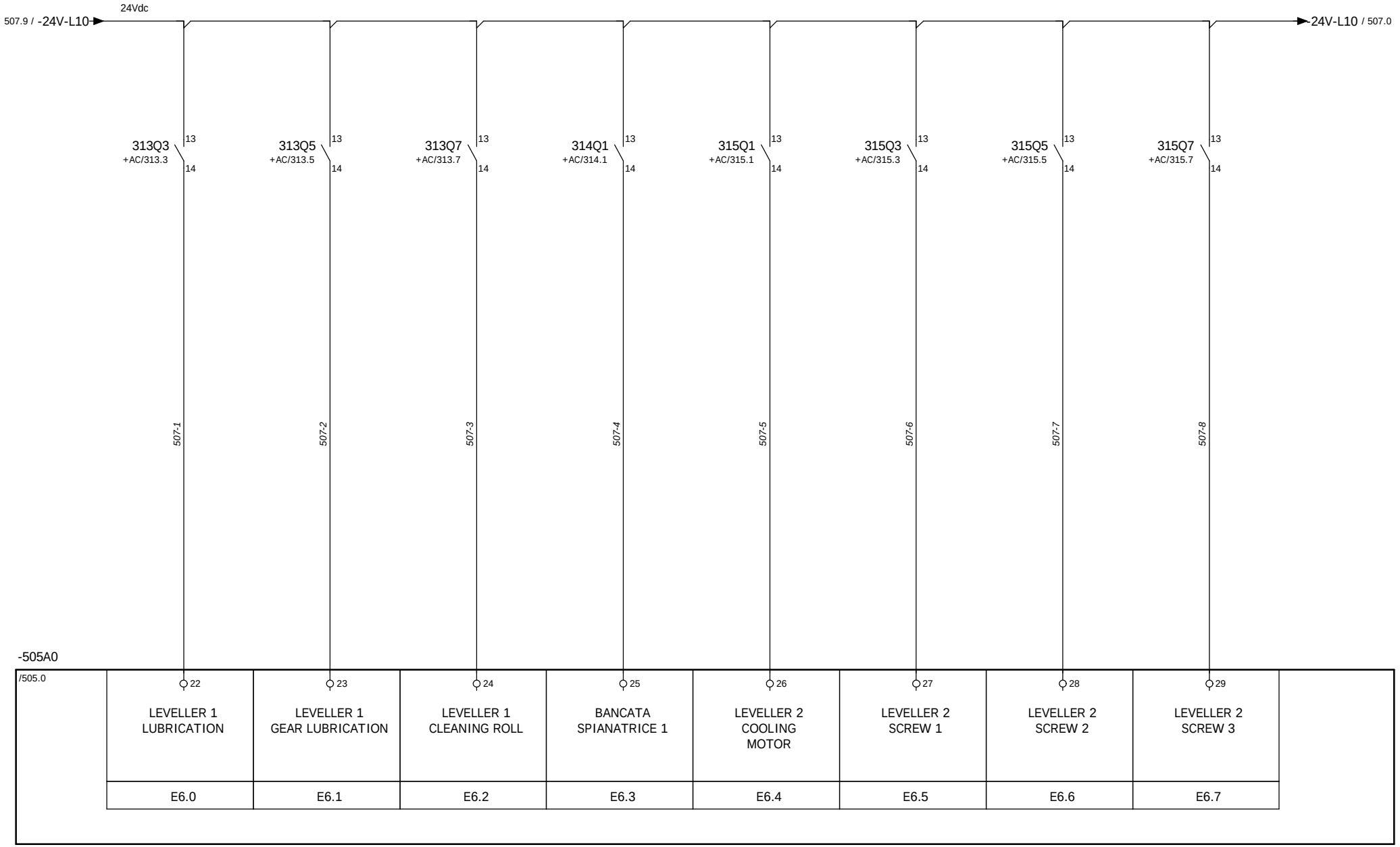
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

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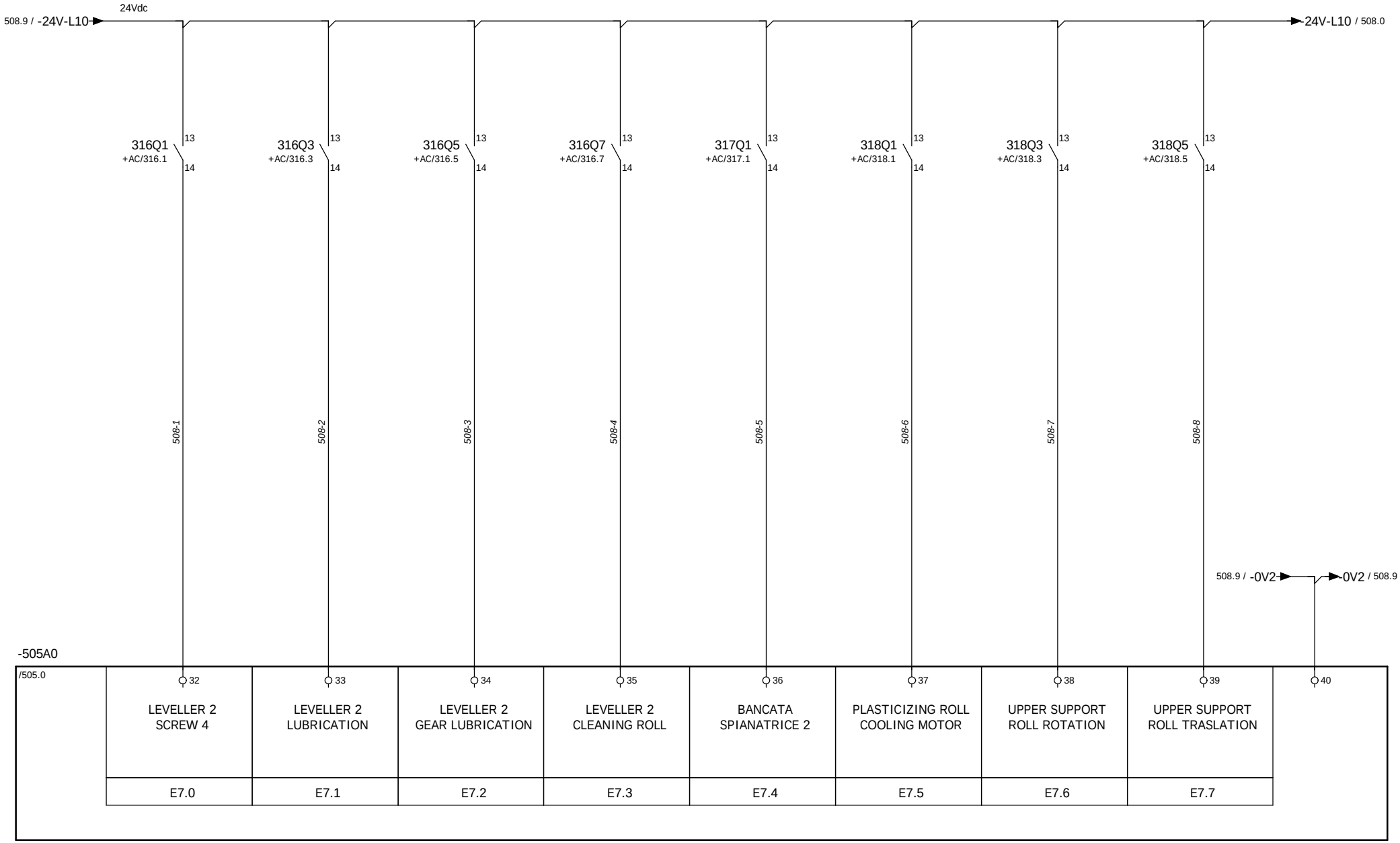
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

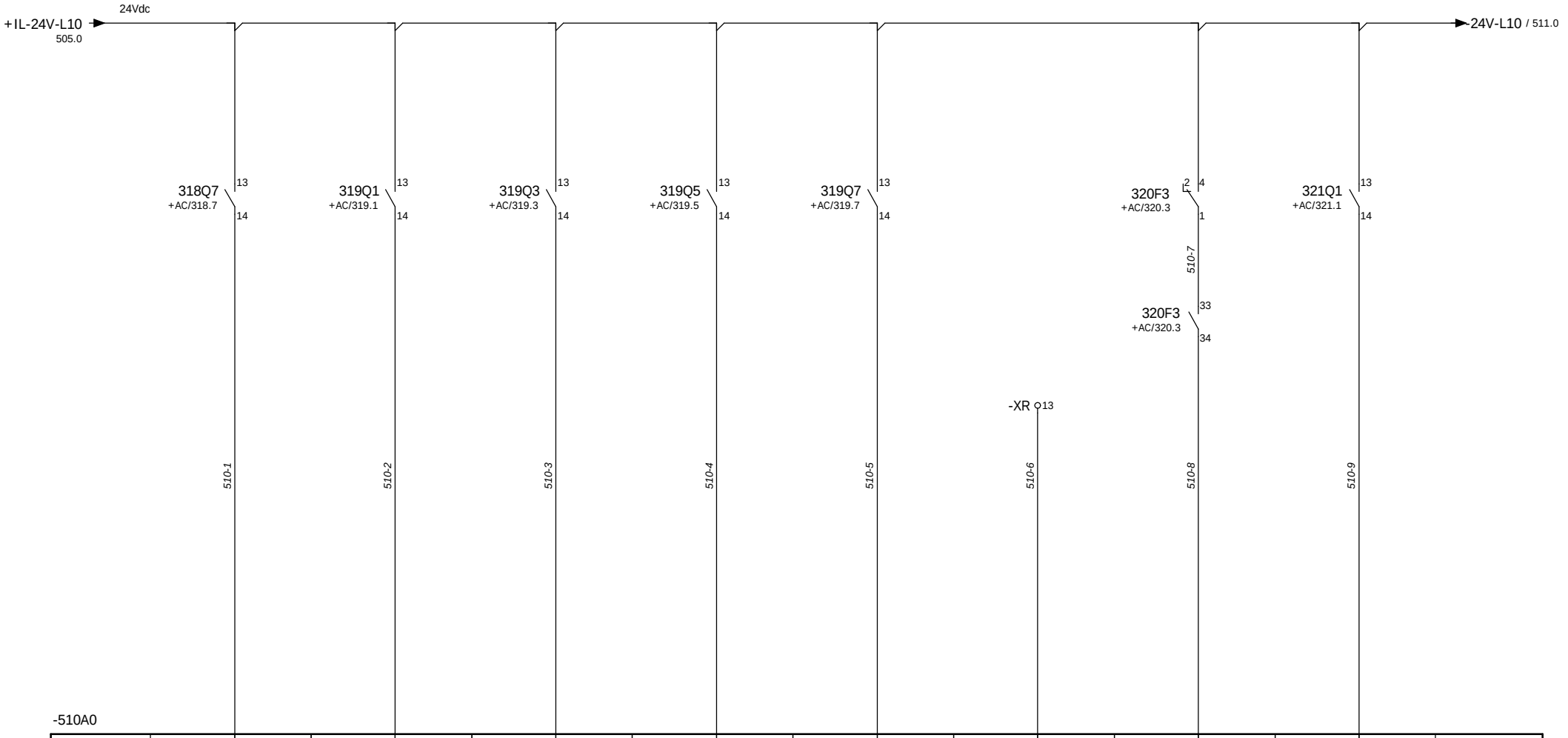
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	E8.0	E8.1	E8.2	E8.3	E8.4	E8.5	E8.6	E8.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

Job Nr.

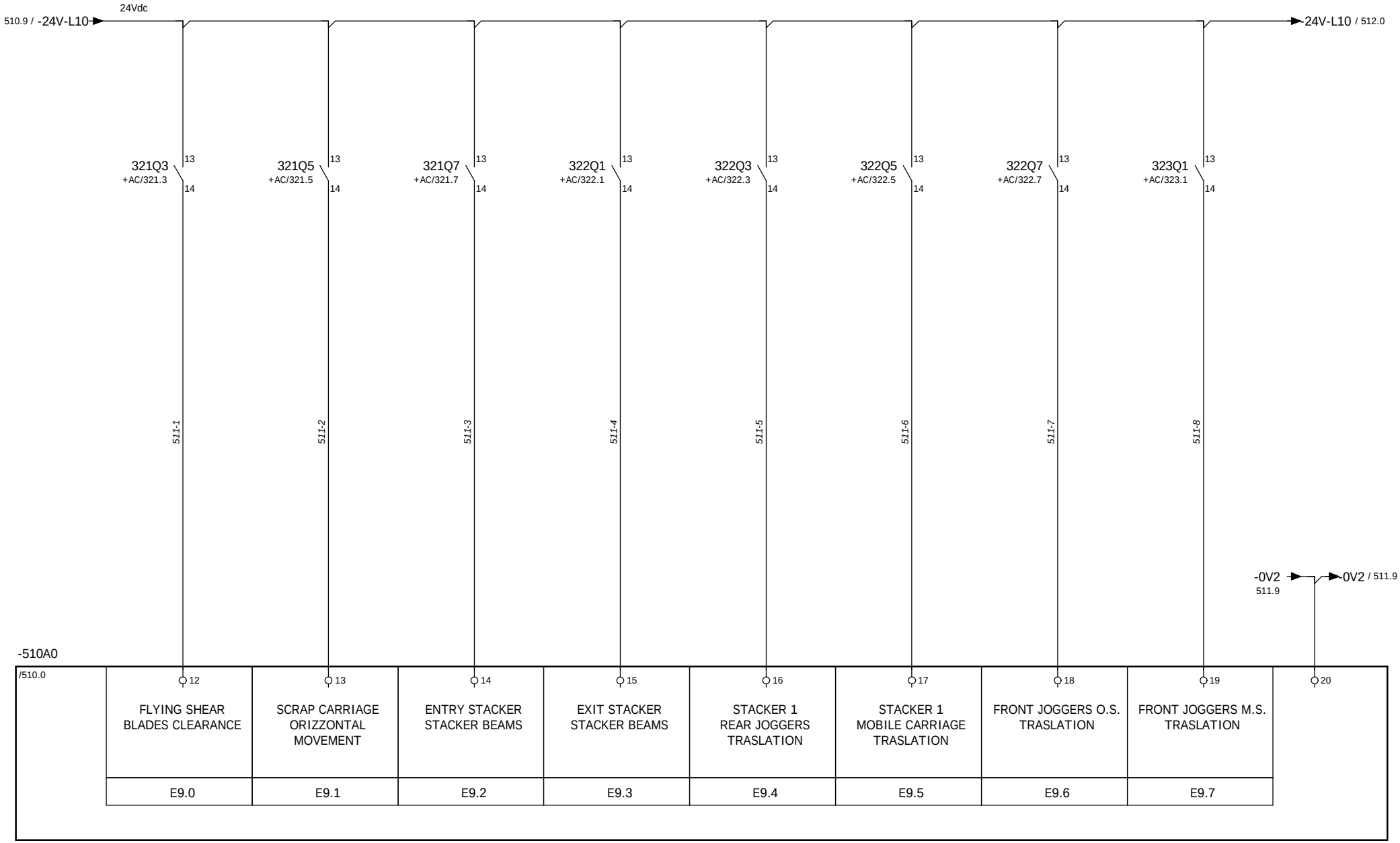
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

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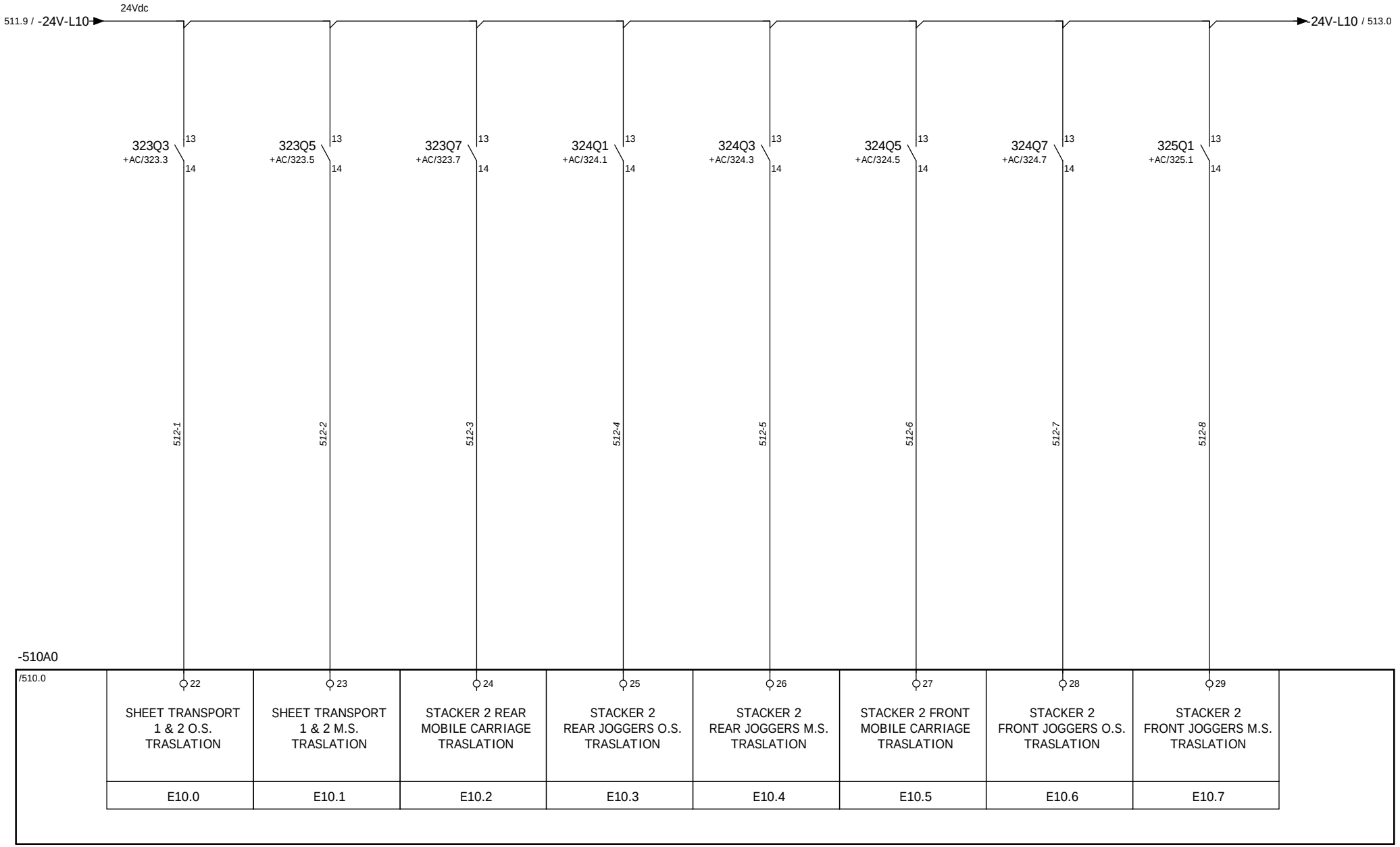
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

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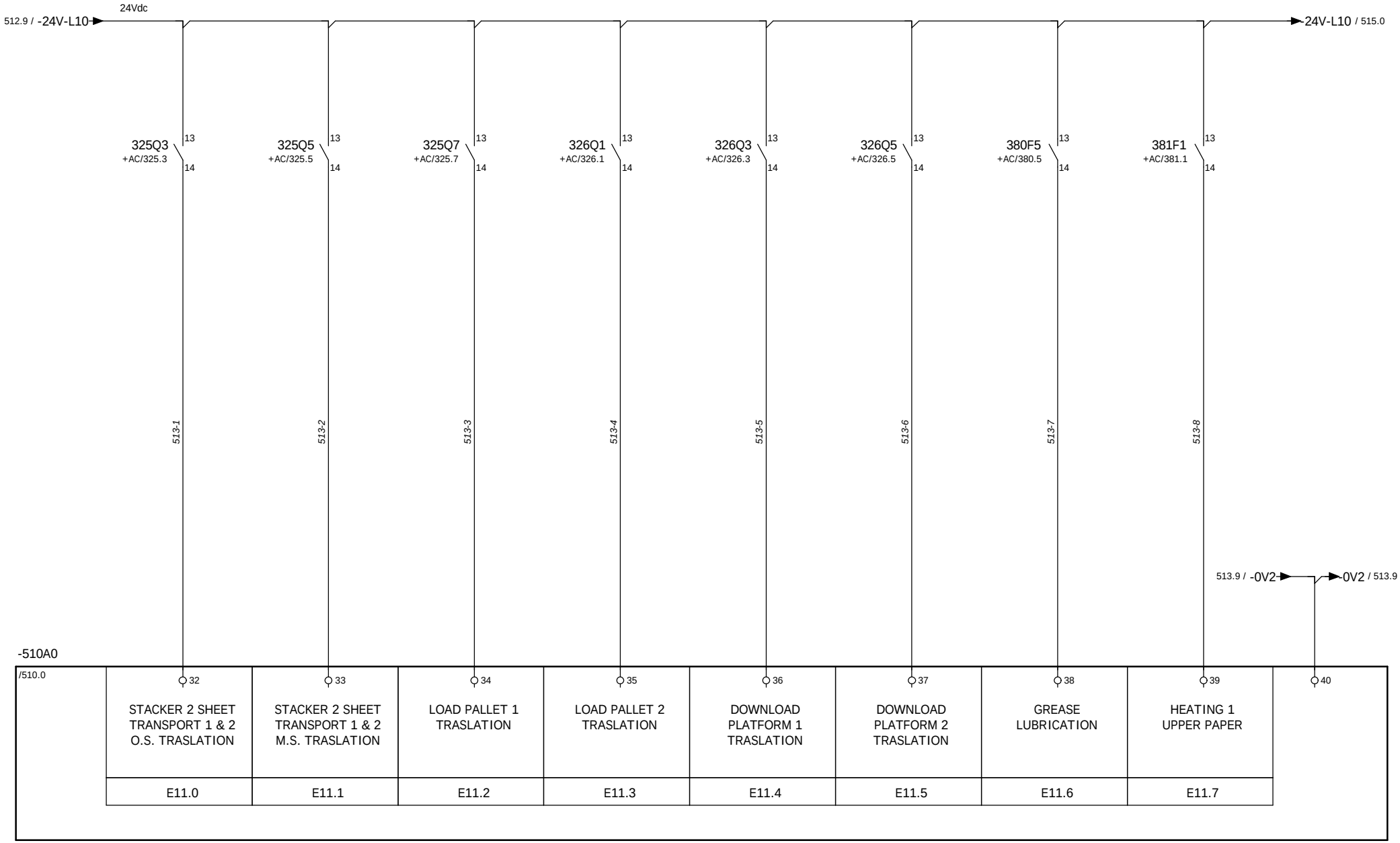
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NOVASTILMEC A94

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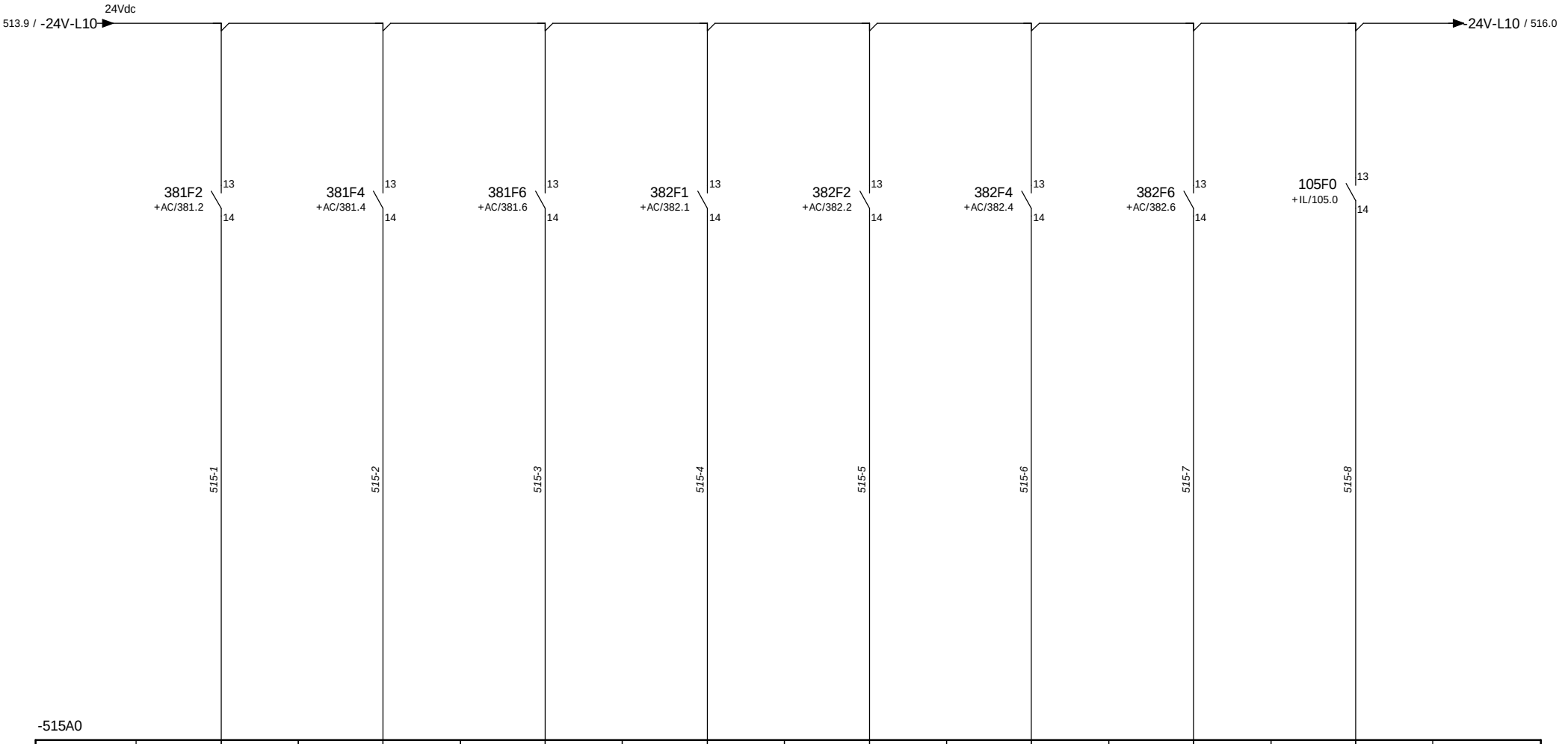
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Job Nr.

Dwg.Nr. A94

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-515A0

/407.5 /516.0 /517.0 /518.0	2	3	4	5	6	7	8	9
	HEATING 1 UPPER PAPER	HEATING PAPER FLYING SHEAR	BARRA ELETTROSTATICA	WEIGHING SCRAP BOX	WEIGHING 1° PLATFORM	WEIGHING 2° PLATFORM	PRINTER	POWER SUPPLY 230Vac CUSTOMER
	E12.0	E12.1	E12.2	E12.3	E12.4	E12.5	E12.6	E12.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

Descript.

NOVASTILMEC A94

Job Nr.

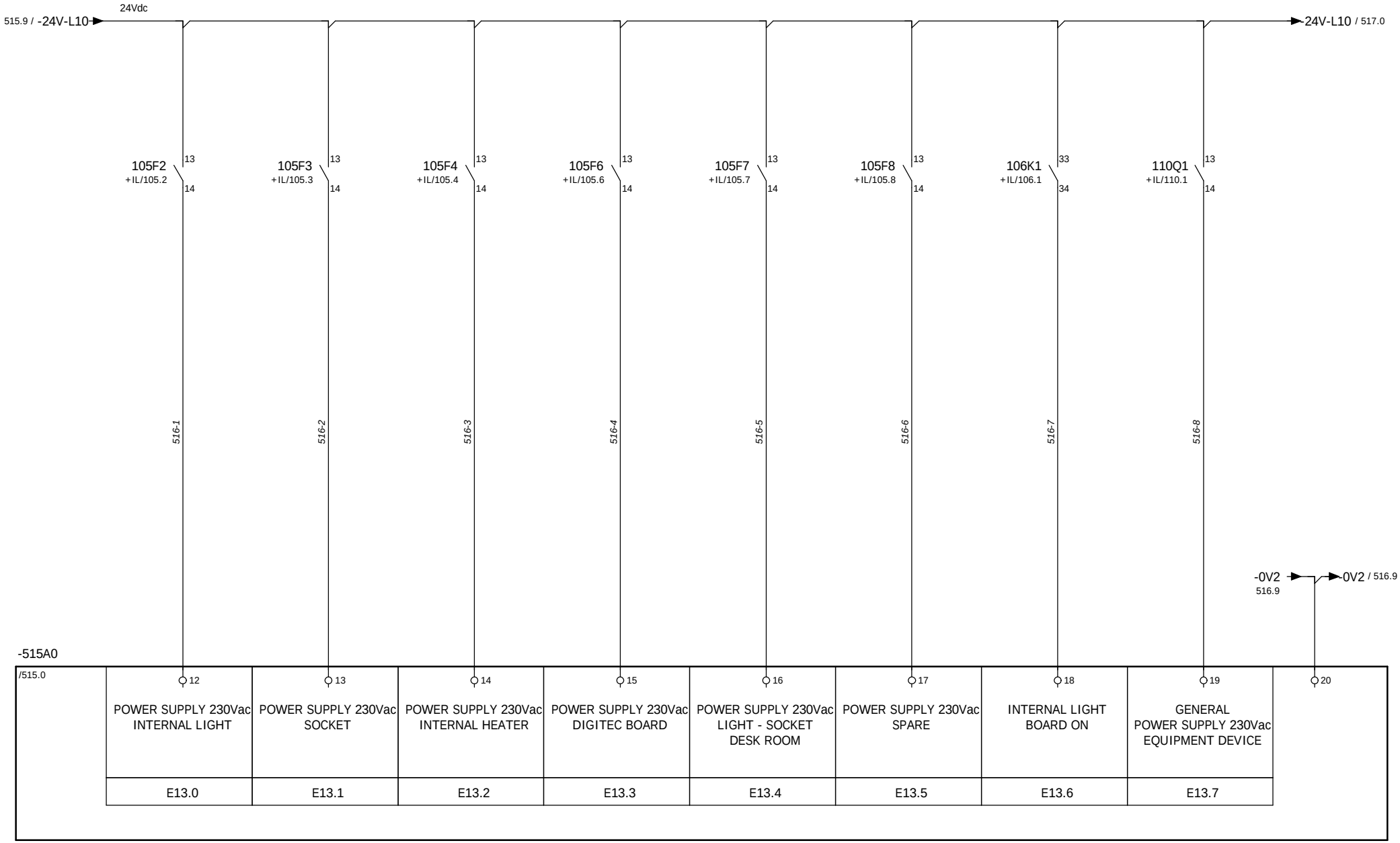
Dwg.Nr. A94

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Job Nr.

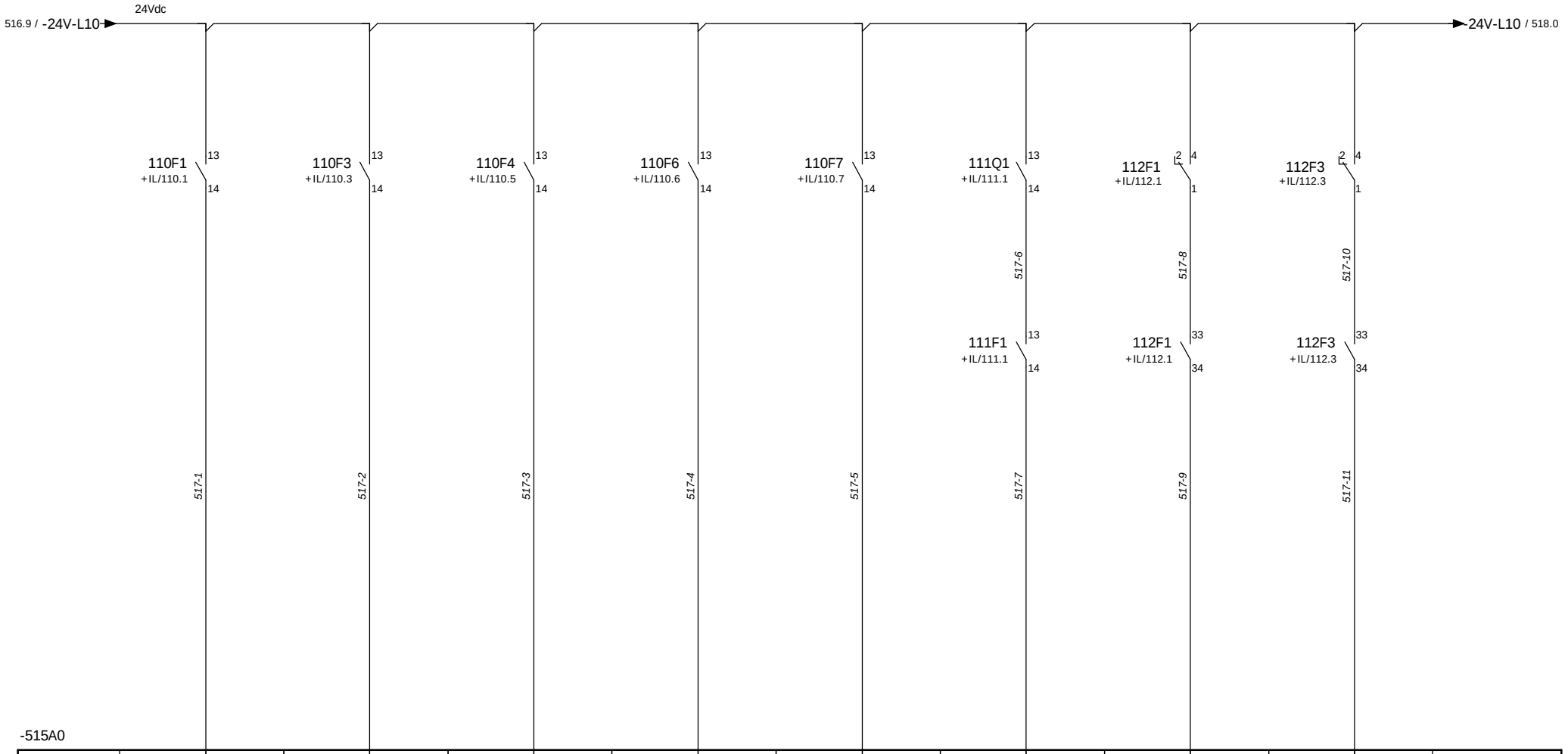
Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

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Job Nr.

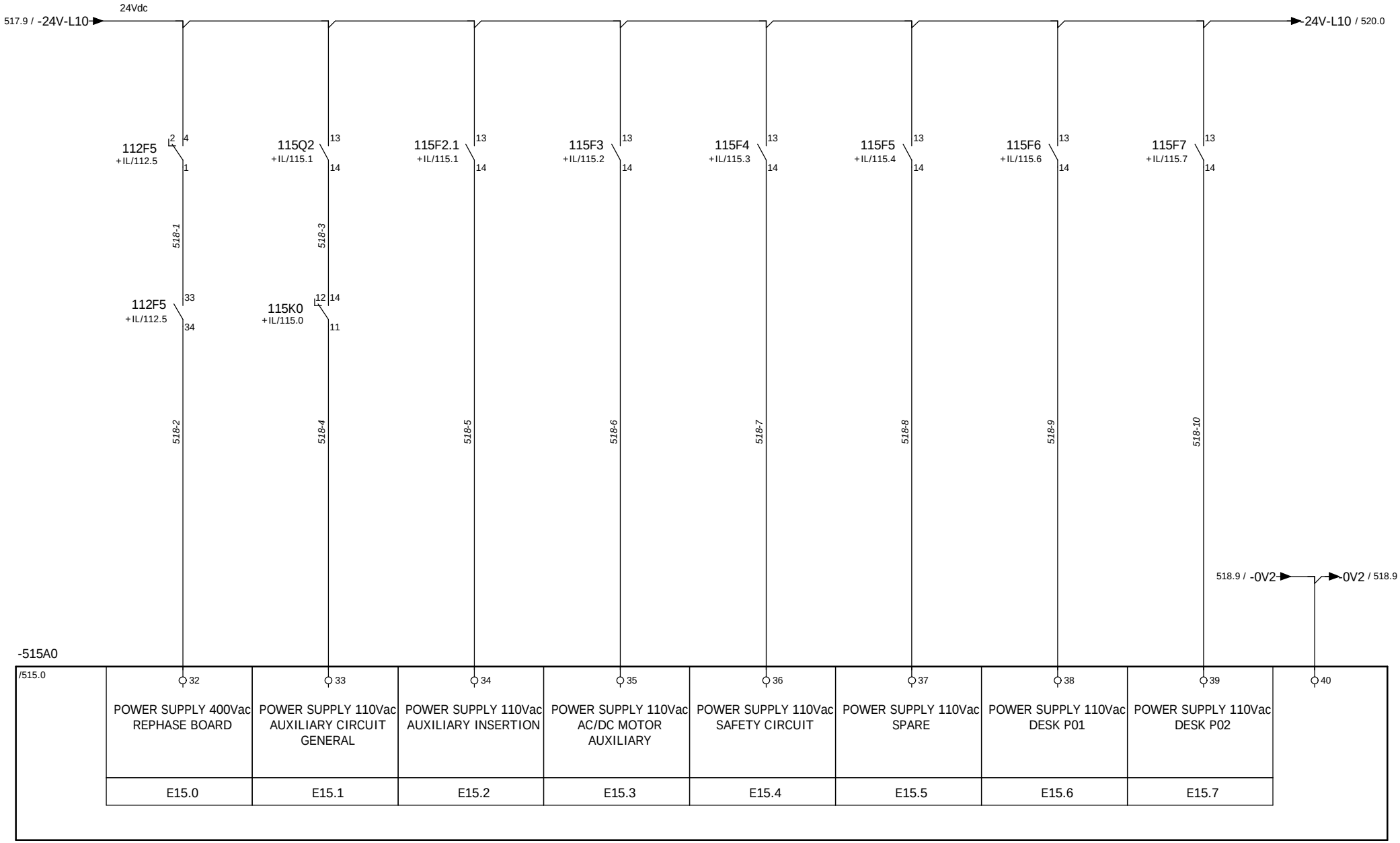
Dwg.Nr. A94

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GA-Tech

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Descript.

NOVASTILMEC A94

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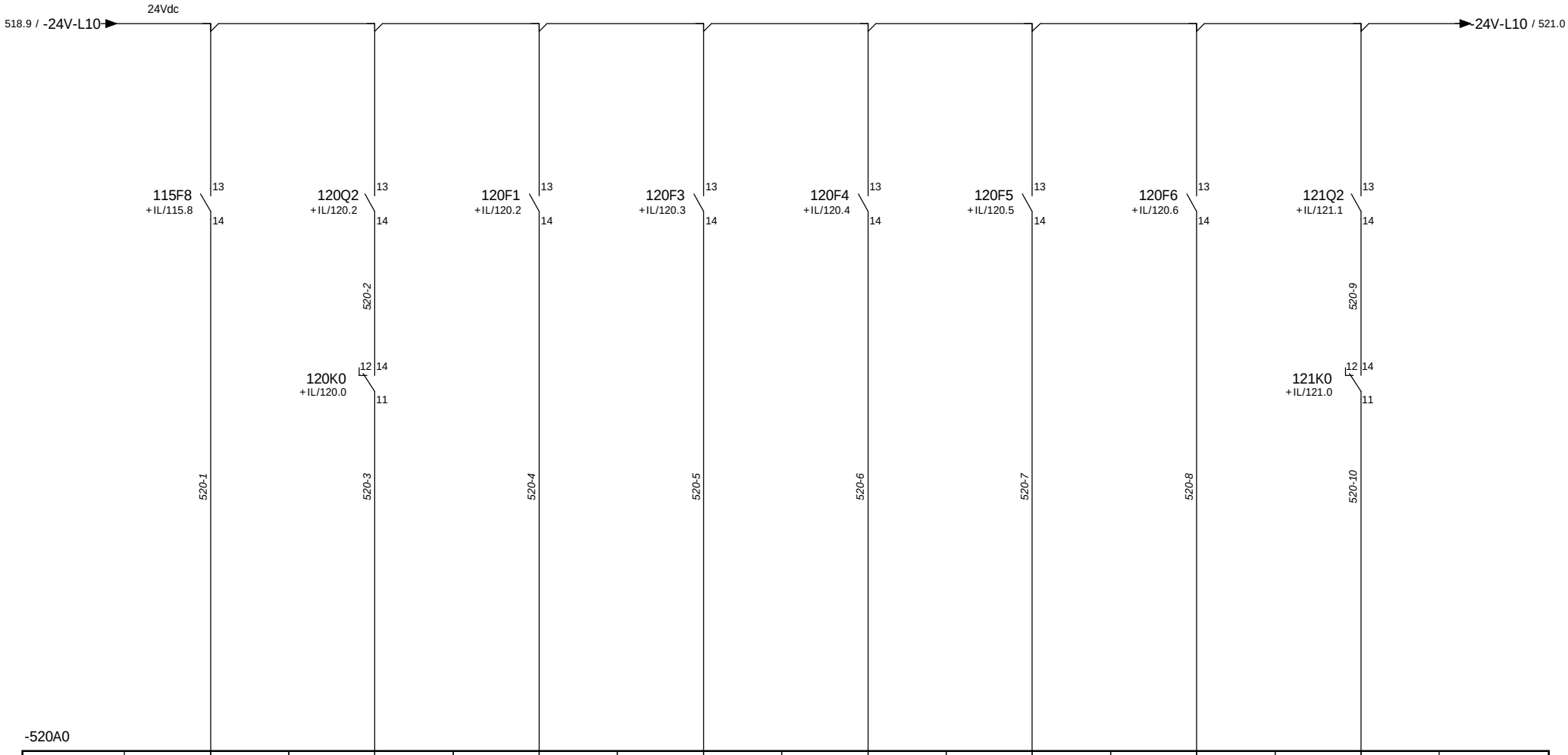
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-520A0

/407.6 /521.0 /522.0 /523.0	2	3	4	5	6	7	8	9
	POWER SUPPLY 110Vac DESK P03	POWER SUPPLY 24Vdc SOLENOIDE VALVES GENERAL	POWER SUPPLY 24Vdc SOLENOIDE VALVES SECTION 1	POWER SUPPLY 24Vdc SOLENOIDE VALVES SECTION 2	POWER SUPPLY 24Vdc SOLENOIDE VALVES SECTION 3	POWER SUPPLY 24Vdc STAND-BY BRAKES	SPARE	POWER SUPPLY 24Vdc AUXILIARY GENERAL
	E16.0	E16.1	E16.2	E16.3	E16.4	E16.5	E16.6	E16.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

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Job Nr.

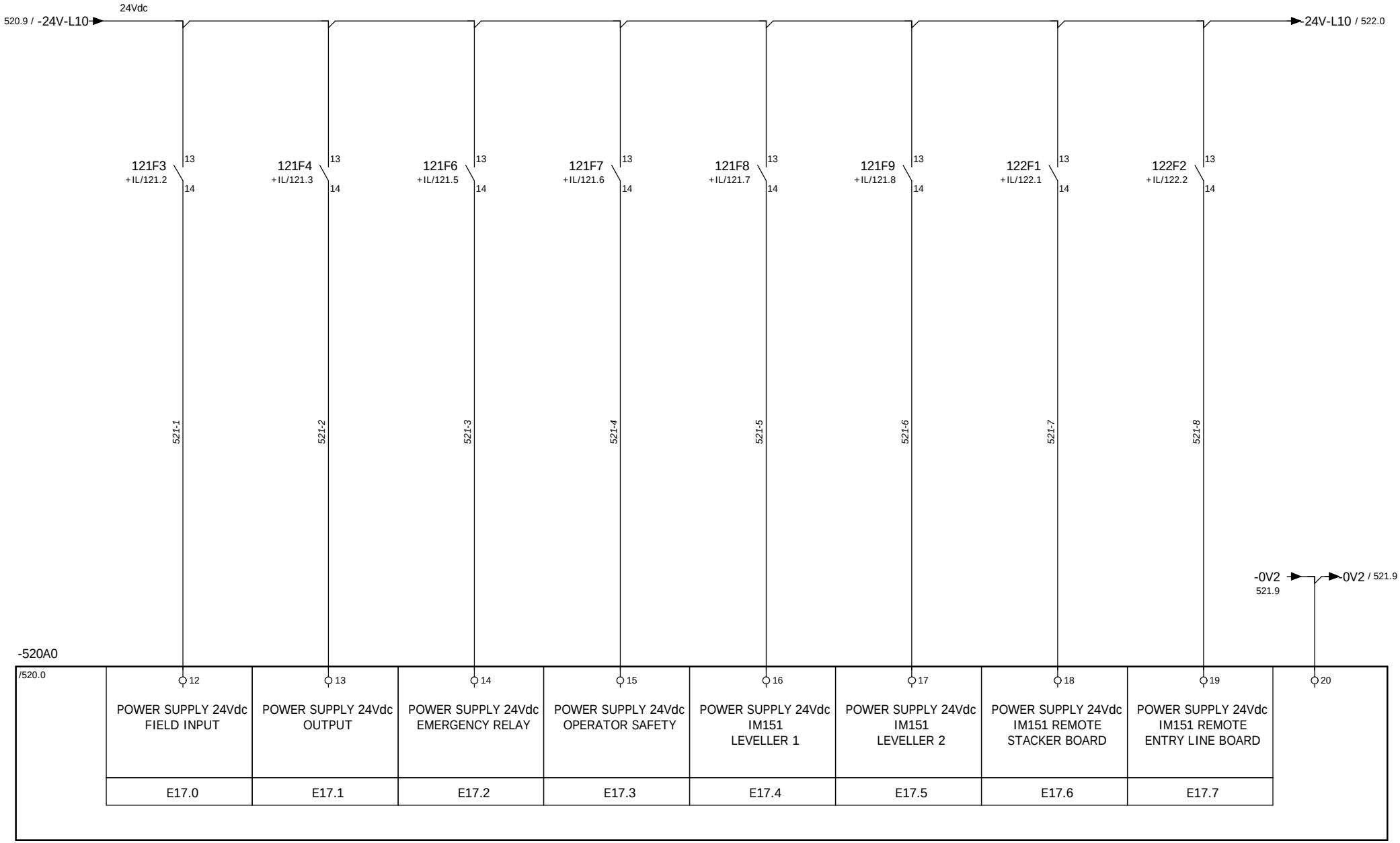
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Job Nr.

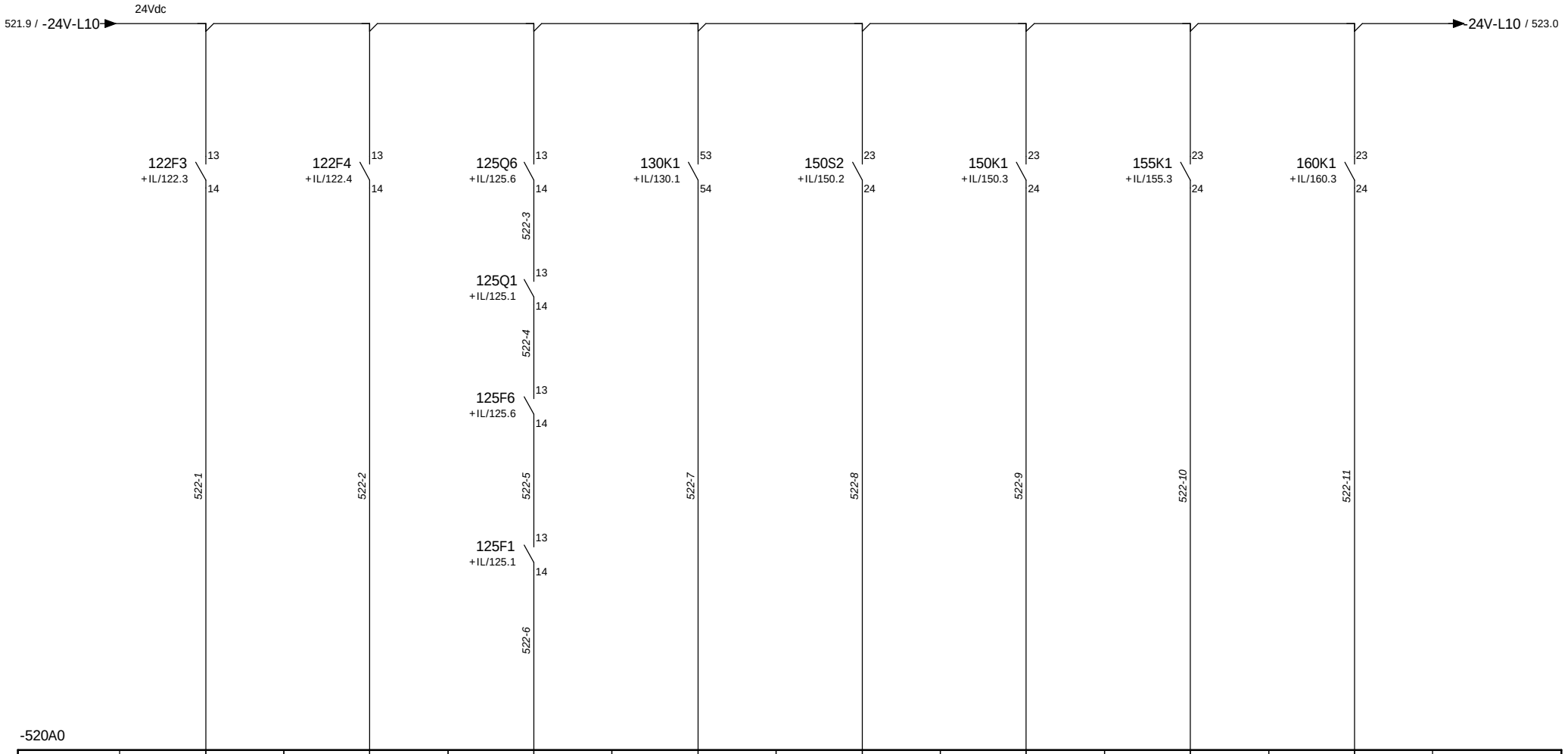
Dwg.Nr. A94

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/520.0

22	23	24	25	26	27	28	29
POWER SUPPLY 24Vdc ENCODER	POWER SUPPLY 24Vdc SPARE	POWER SUPPLY 24Vdc ELECTRONICS DRIVE	AUXILIARY INSERTION ON	EMERGENCY PUSHBUTTON BOARD	EMERGENCY RELAY ON	SAFETY AREA 1 RELAY ON	SAFETY AREA 2 RELAY ON
E18.0	E18.1	E18.2	E18.3	E18.4	E18.5	E18.6	E18.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

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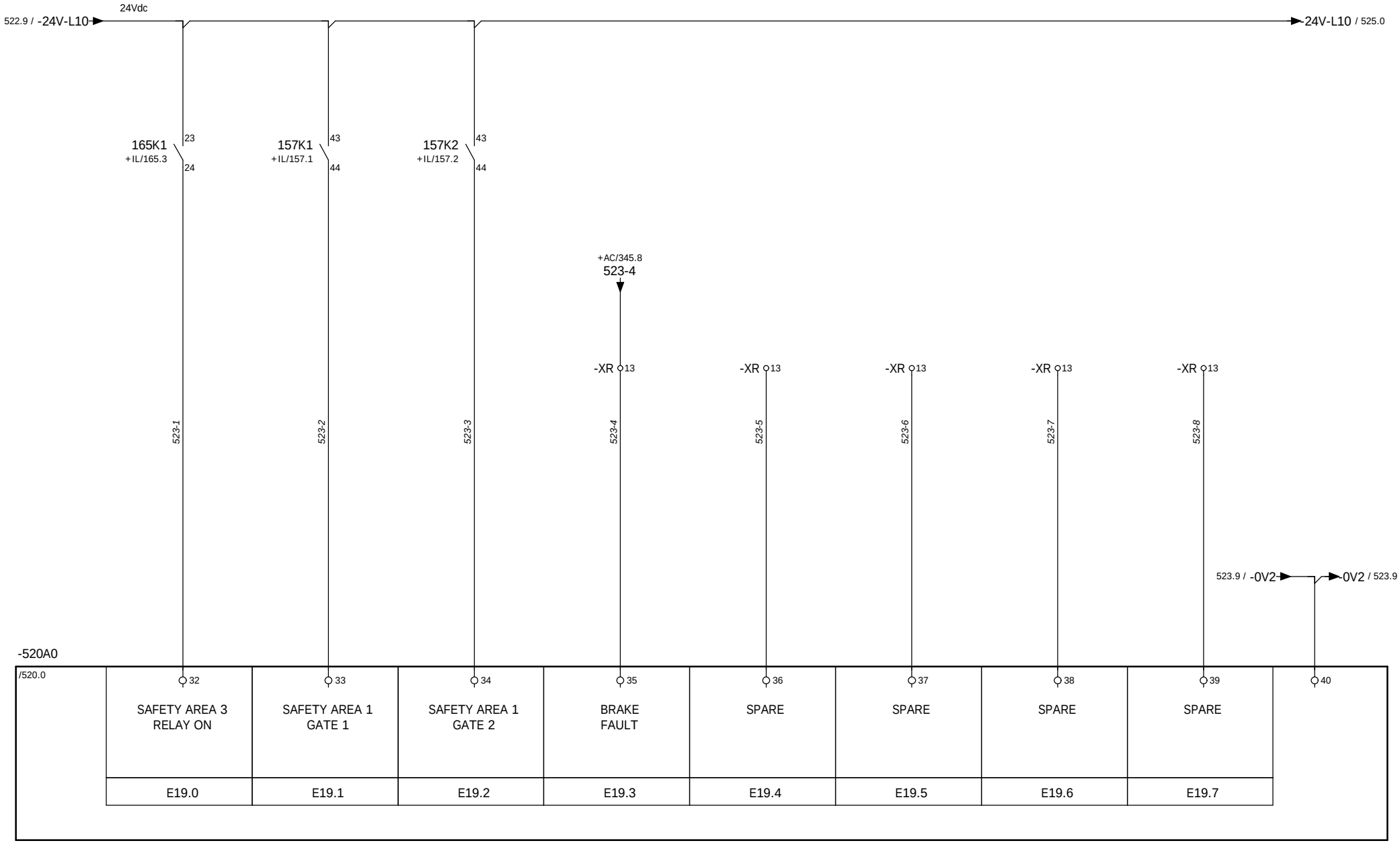
Dwg.Nr. A94

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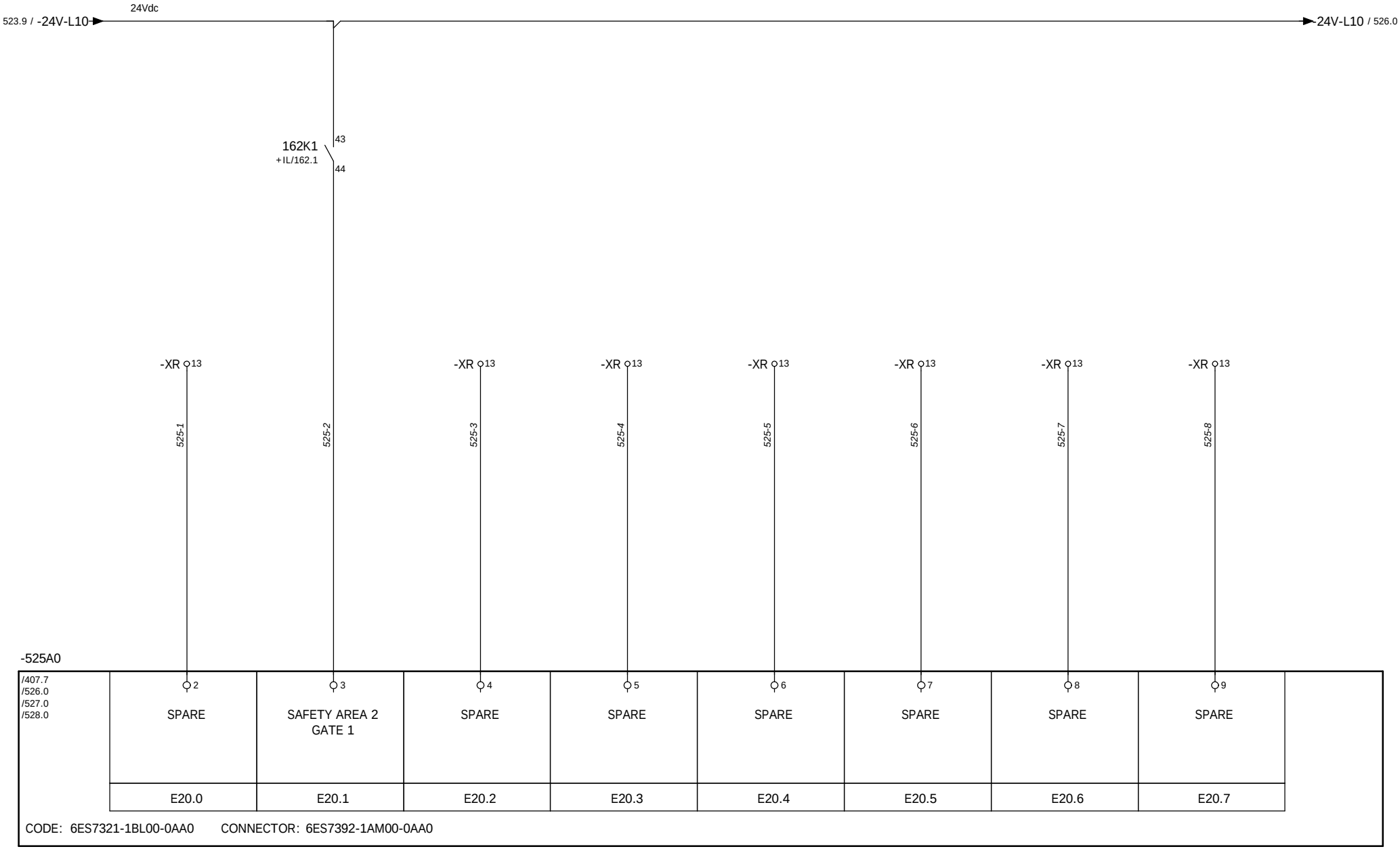
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL INPUTS BOARD	NOVASTILMEC A94	= A94
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

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Job Nr.

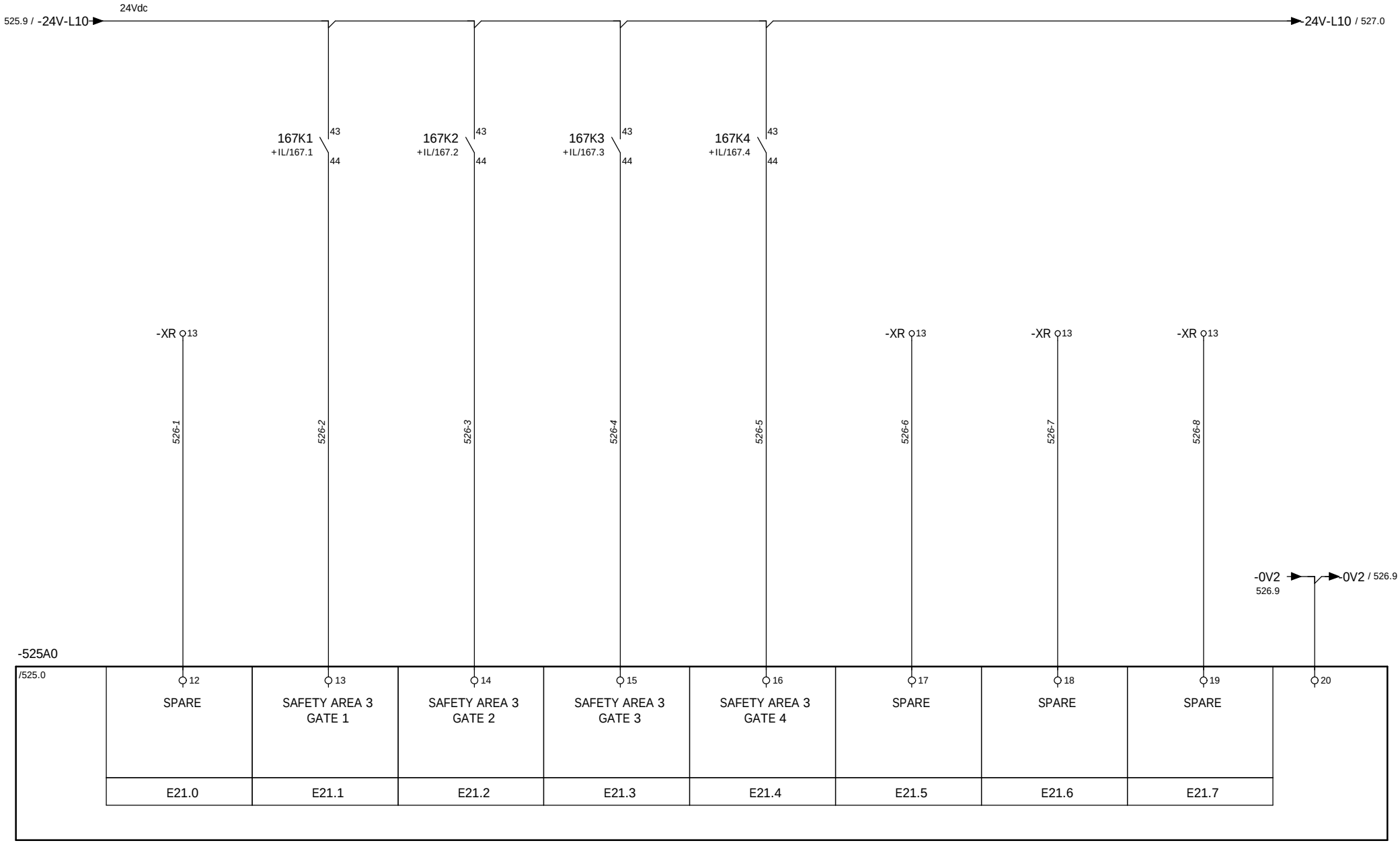
Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

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Job Nr.

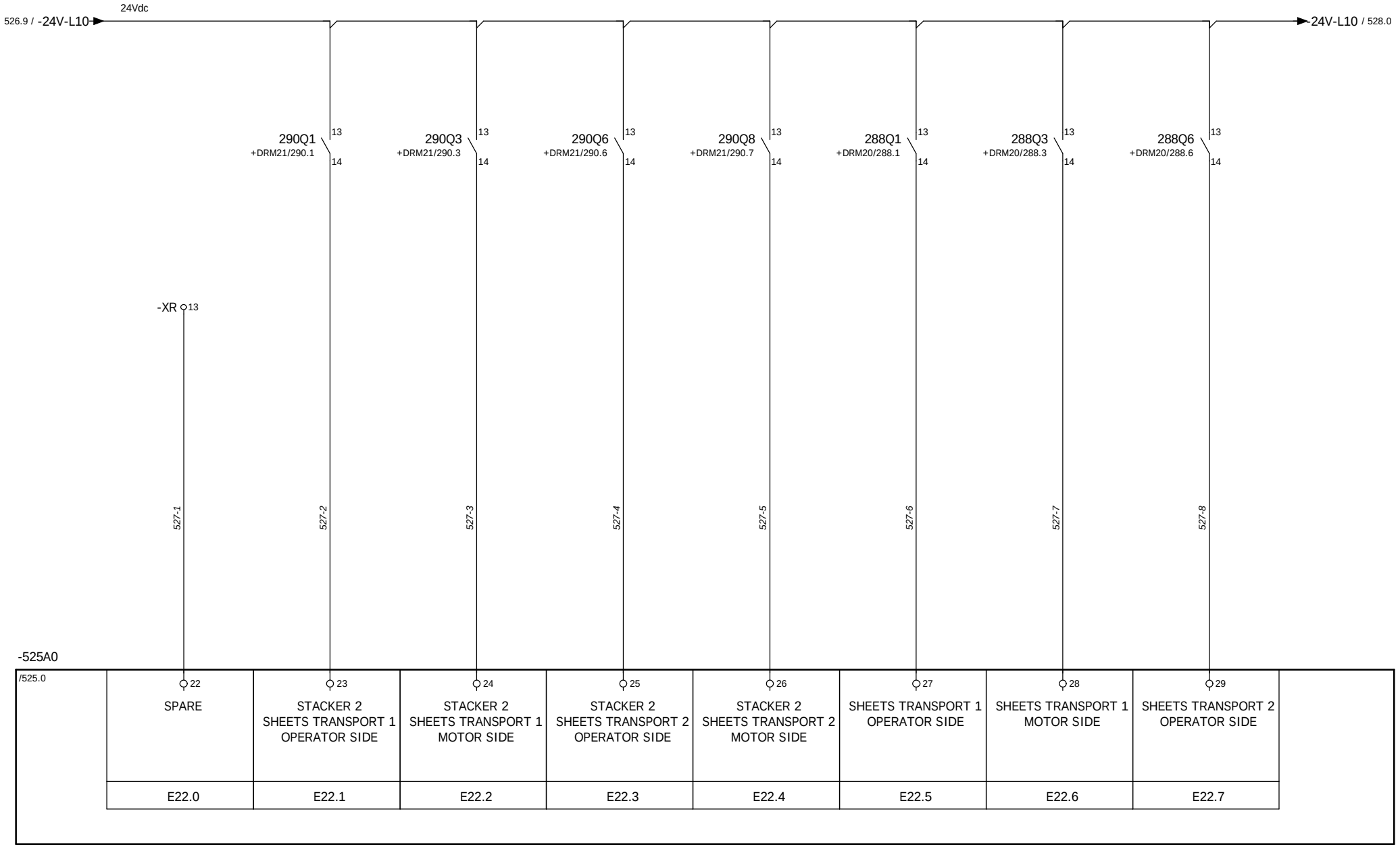
Dwg.Nr. A94

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GA-Tech

DIGITAL INPUTS BOARD

Descript.

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Job Nr.

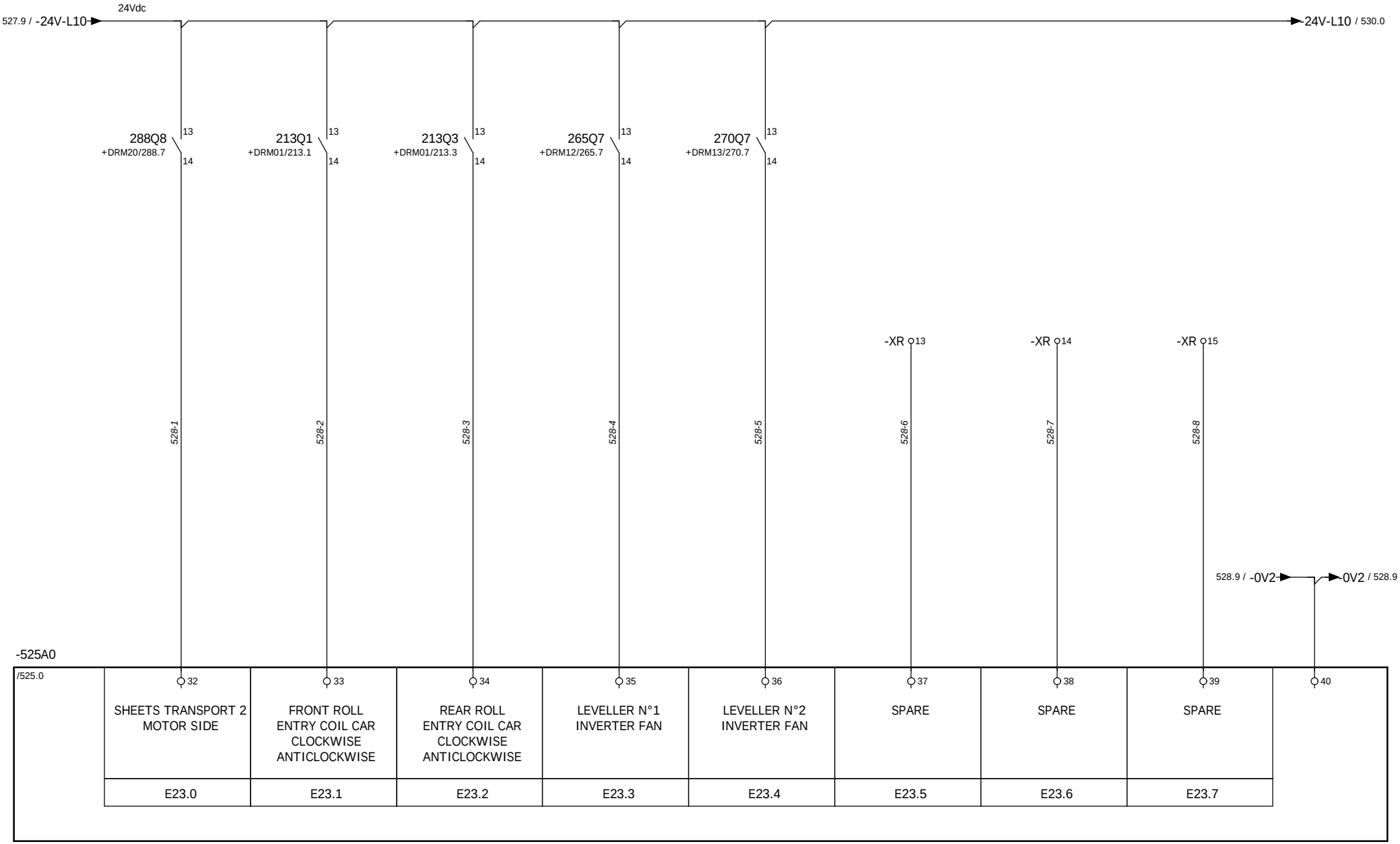
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GA-Tech

DIGITAL INPUTS BOARD

Descript.

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Job Nr.

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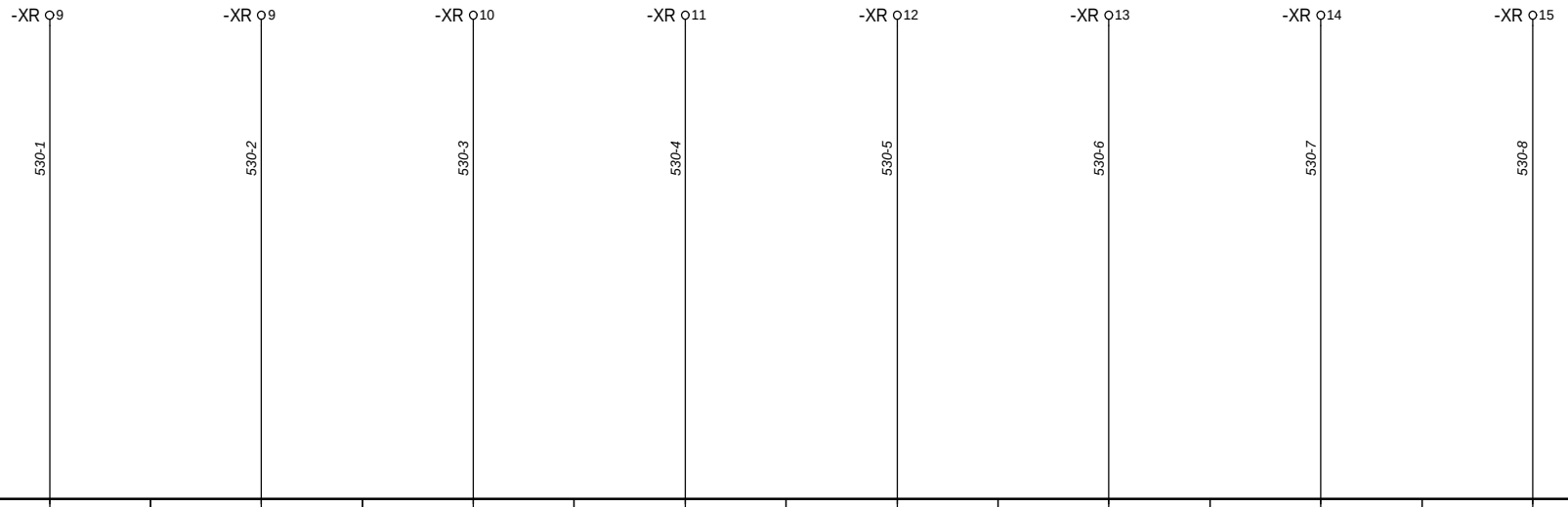
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528.9 / -24V-L10 — 24Vdc — -24V-L10 / 531.0



-530A0

/407.8 /531.0 /532.0 /533.0	2	3	4	5	6	7	8	9
	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
	E24.0	E24.1	E24.2	E24.3	E24.4	E24.5	E24.6	E24.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

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530.9 / -24V-L10 — 24Vdc — -24V-L10 / 532.0

-XR 9 — 531-1
-XR 9 — 531-2
-XR 10 — 531-3
-XR 11 — 531-4
-XR 12 — 531-5
-XR 13 — 531-6
-XR 14 — 531-7
-XR 15 — 531-8

-0V2 (531.9) — 0V2 / 531.9

-530A0

/530.0

12	13	14	15	16	17	18	19	20
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	
E25.0	E25.1	E25.2	E25.3	E25.4	E25.5	E25.6	E25.7	

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24Vdc

531.9 / -24V-L10 ▶ ——— ▶ -24V-L10 / 533.0

-XR 9 — 532-1

-XR 9 — 532-2

-XR 10 — 532-3

-XR 11 — 532-4

-XR 12 — 532-5

-XR 13 — 532-6

-XR 14 — 532-7

-XR 15 — 532-8

-530A0

/530.0

22	23	24	25	26	27	28	29
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
E26.0	E26.1	E26.2	E26.3	E26.4	E26.5	E26.6	E26.7

532.9 / -24V-L10 — 24Vdc — -24V-L10 /

-530A0

/530.0

-XR	9	9	10	11	12	13	14	15	
	533-1	533-2	533-3	533-4	533-5	533-6	533-7	533-8	
	32	33	34	35	36	37	38	39	40
	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	
	E27.0	E27.1	E27.2	E27.3	E27.4	E27.5	E27.6	E27.7	

533.9 / -0V2 — 0V2 / 533.9

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS BOARD

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NOVASTILMEC A94

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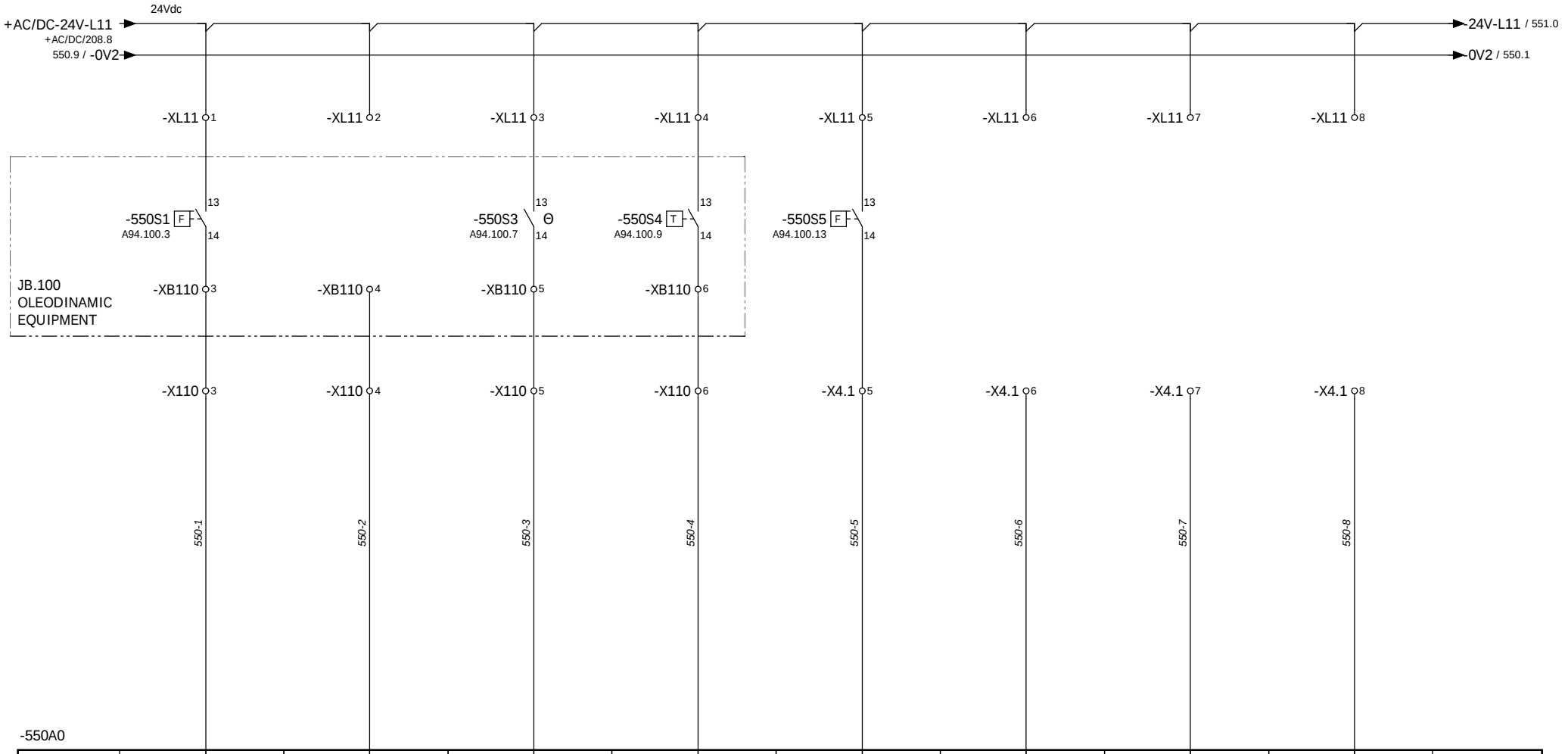
Dwg.Nr. A94

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/408.2 /551.0 /552.0 /553.0	2	3	4	5	6	7	8	9
	LINE - OLEODINAMIC EQUIPMENT OIL FILTER	SPARE	LINE - OLEODINAMIC EQUIPMENT MAX TEMPERATURE	LINE - OLEODINAMIC EQUIPMENT MAX LEVEL	LINE - OLEOD. EQUIPMENT RECIRC. OIL FILTER	SPARE	SPARE	SPARE
	E32.0	E32.1	E32.2	E32.3	E32.4	E32.5	E32.6	E32.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

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NOVASTILMEC A94

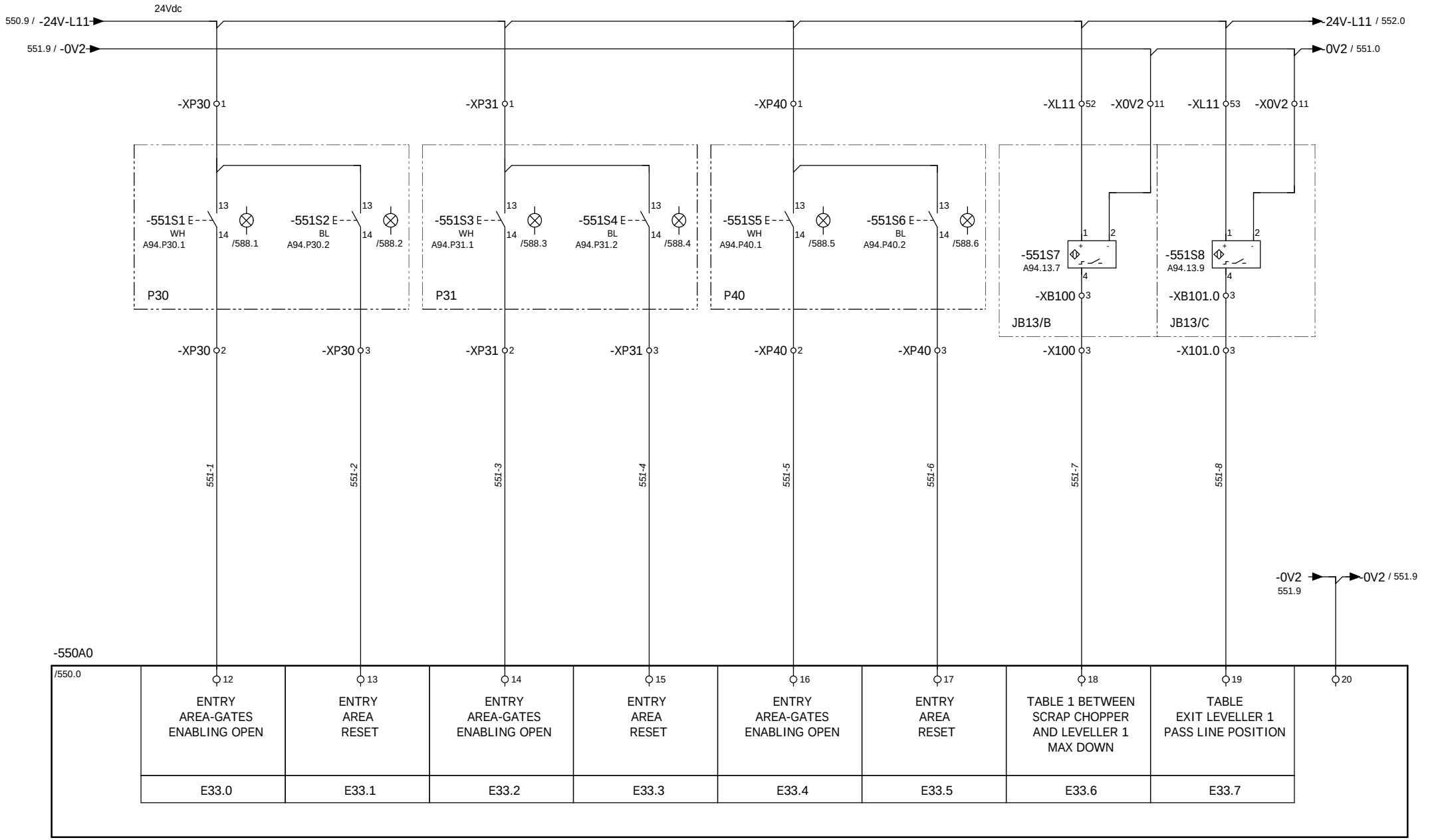
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GA-Tech

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Job Nr.

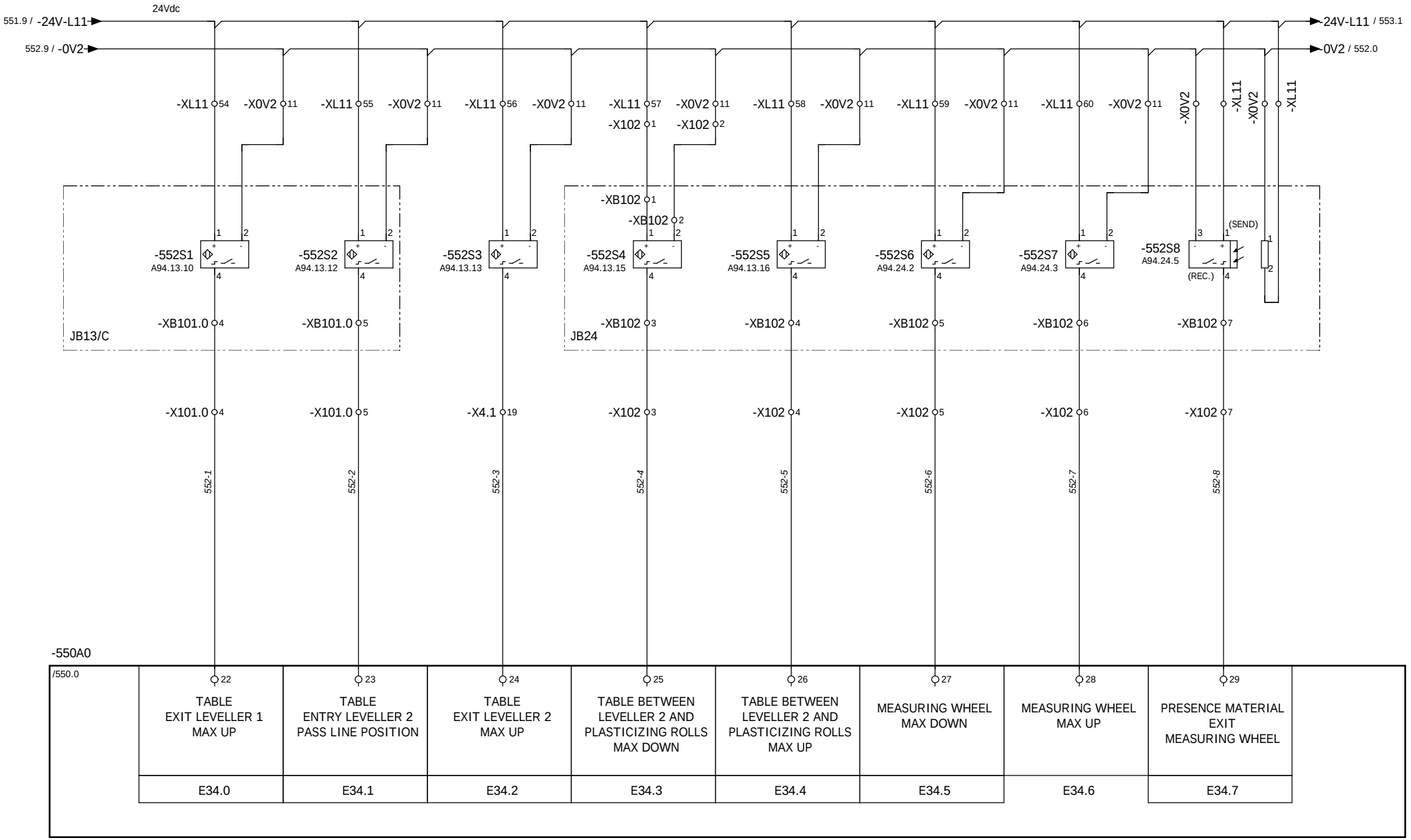
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/550.0

22	23	24	25	26	27	28	29
TABLE EXIT LEVELLER 1 MAX UP	TABLE ENTRY LEVELLER 2 PASS LINE POSITION	TABLE EXIT LEVELLER 2 MAX UP	TABLE BETWEEN LEVELLER 2 AND PLASTICIZING ROLLS MAX DOWN	TABLE BETWEEN LEVELLER 2 AND PLASTICIZING ROLLS MAX UP	MEASURING WHEEL MAX DOWN	MEASURING WHEEL MAX UP	PRESENCE MATERIAL EXIT MEASURING WHEEL
E34.0	E34.1	E34.2	E34.3	E34.4	E34.5	E34.6	E34.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

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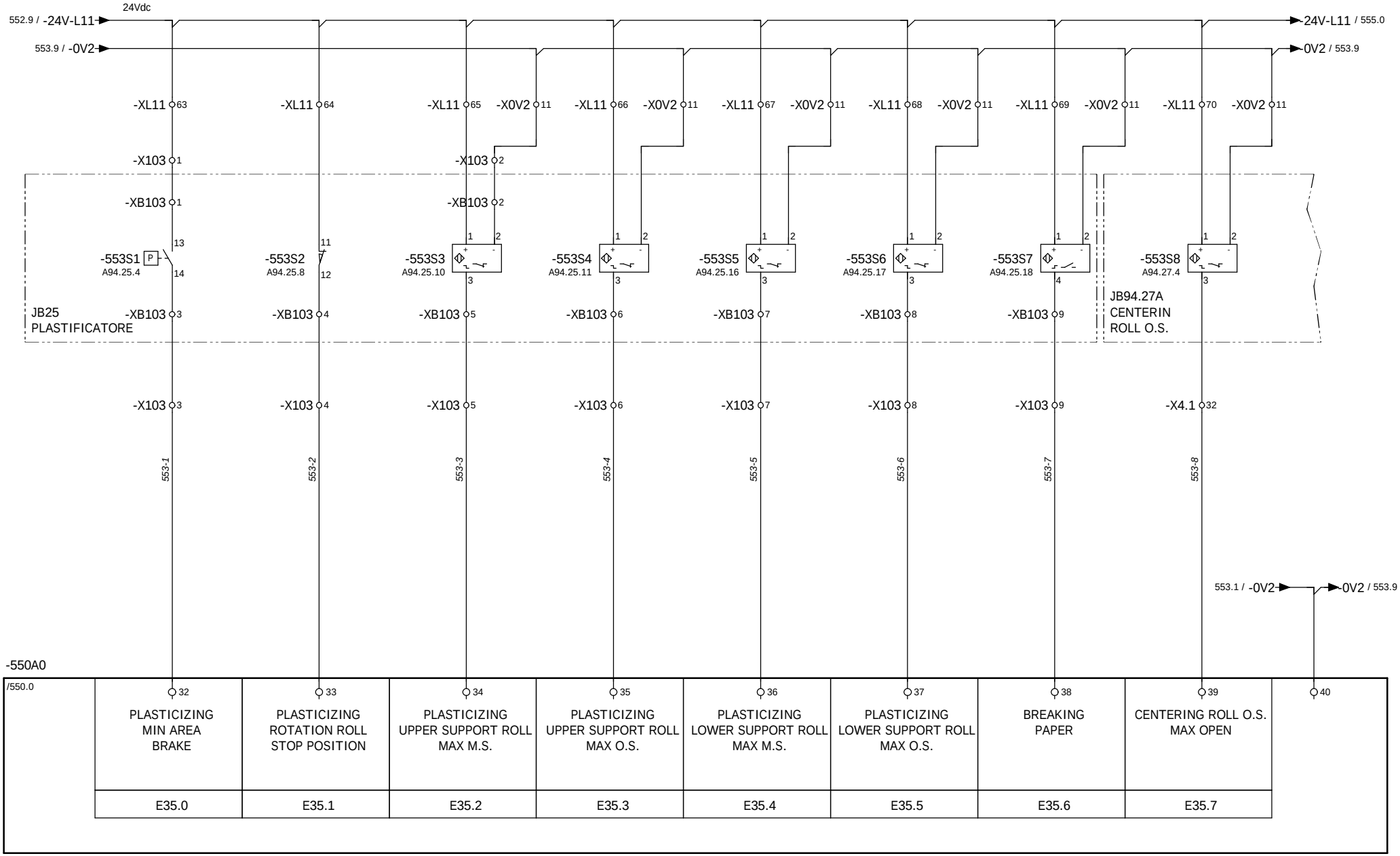
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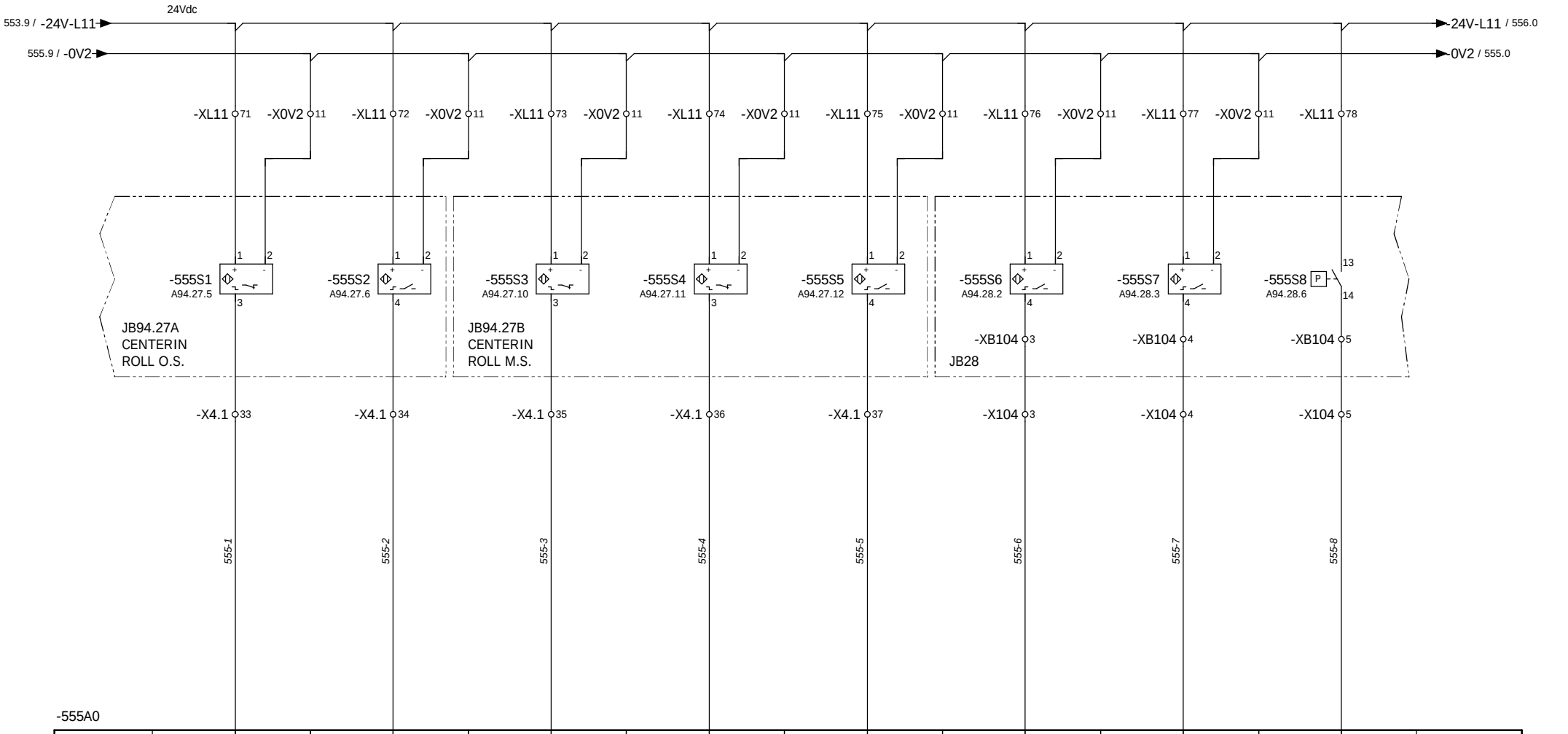
Job Nr.

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-555A0

/408.3 /556.0 /557.0 /558.0	2	3	4	5	6	7	8	9
	CENTERING ROLL O.S. MAX CLOSE	CENTERING ROLL O.S. MAX EXCURSION WEAK	CENTERING ROLL M.S. MAX OPEN	CENTERING ROLL M.S. MAX CLOSE	CENTERING ROLL M.S. MAX EXCURSION WEAK	TILTING SHEAR BLADE MAX UP	TILTING SHEAR BLADE MAX DOWN	TILTING SHEAR premilamiera PRESSURE OK FOR CUT
	E36.0	E36.1	E36.2	E36.3	E36.4	E36.5	E36.6	E36.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

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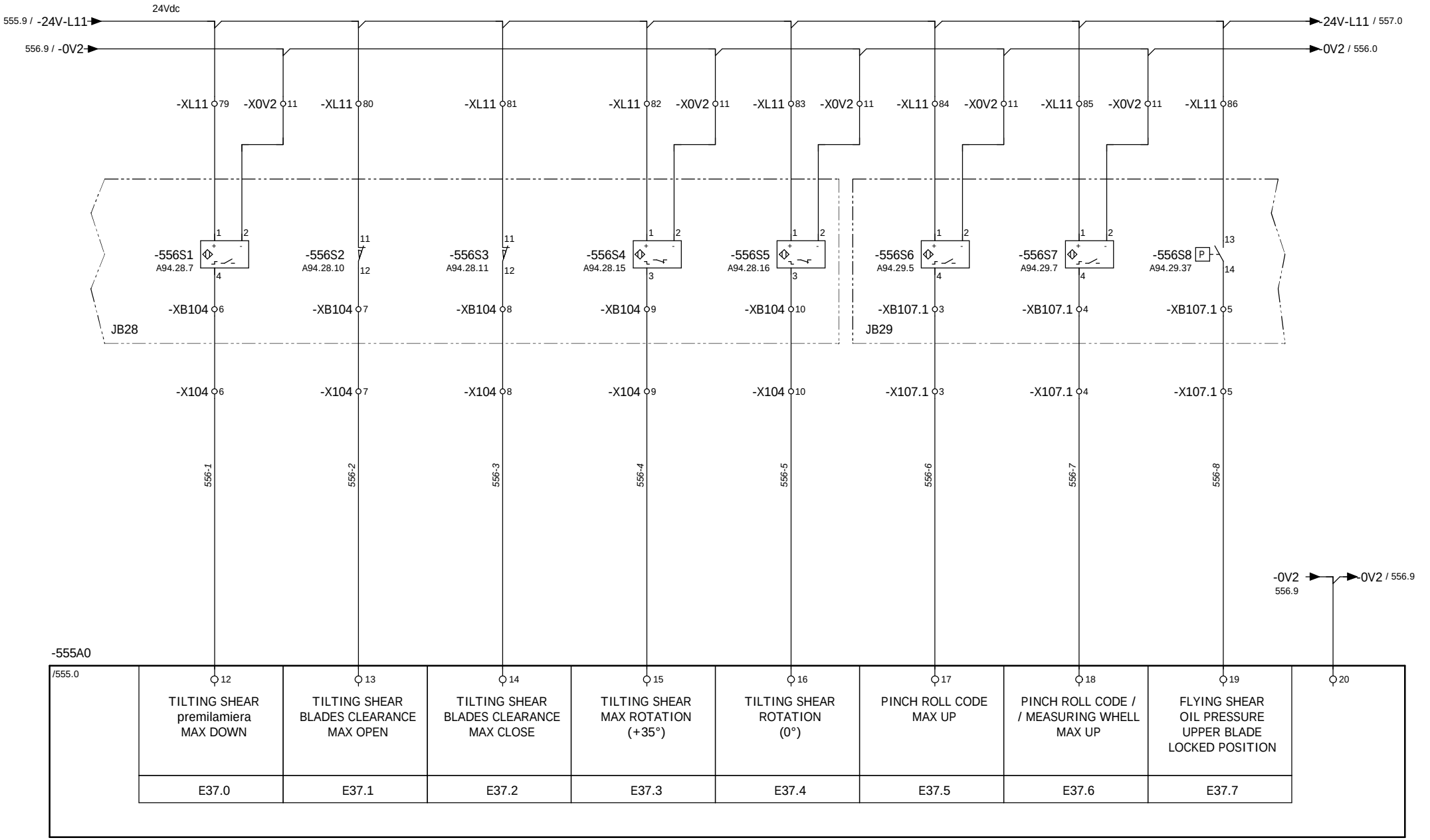
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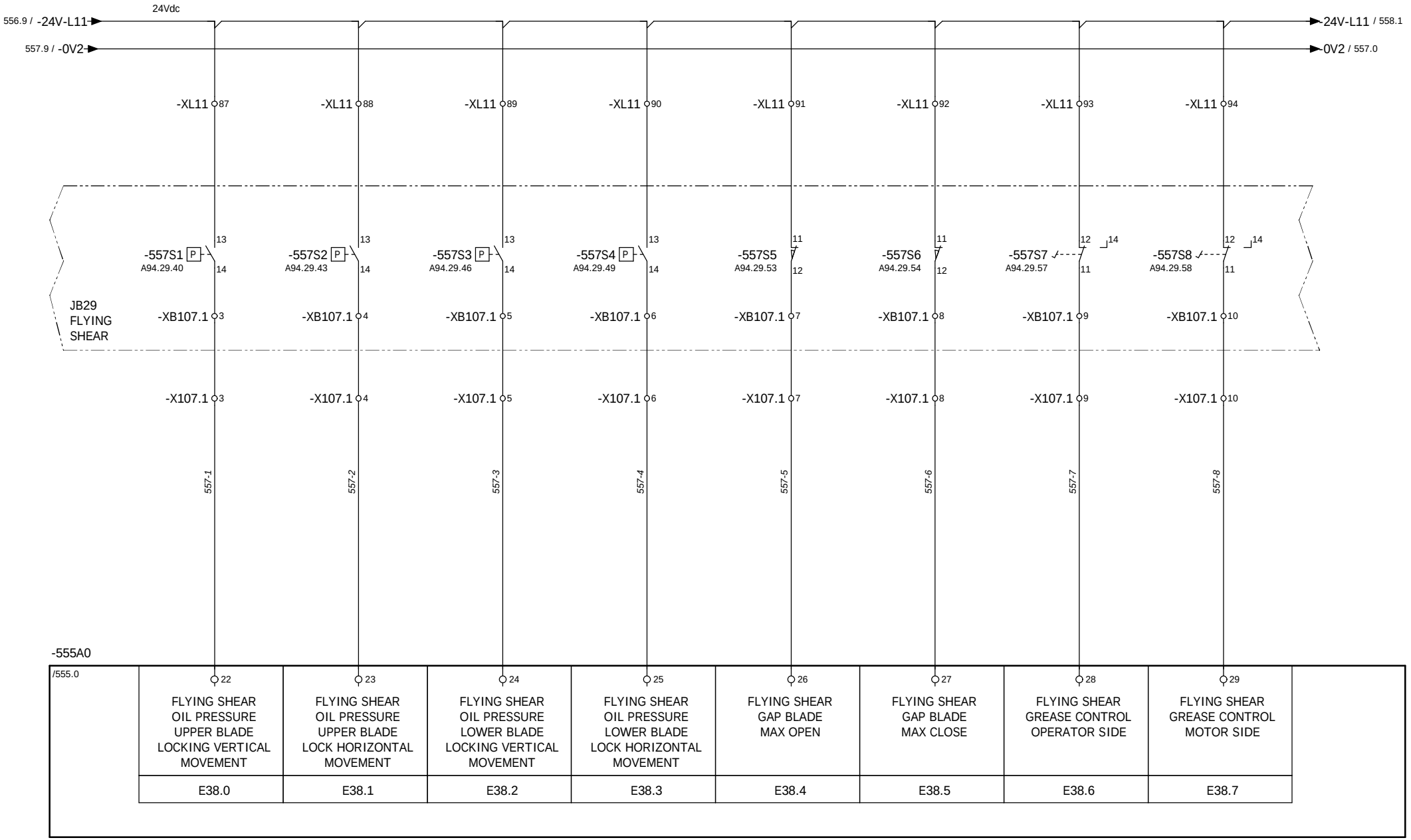
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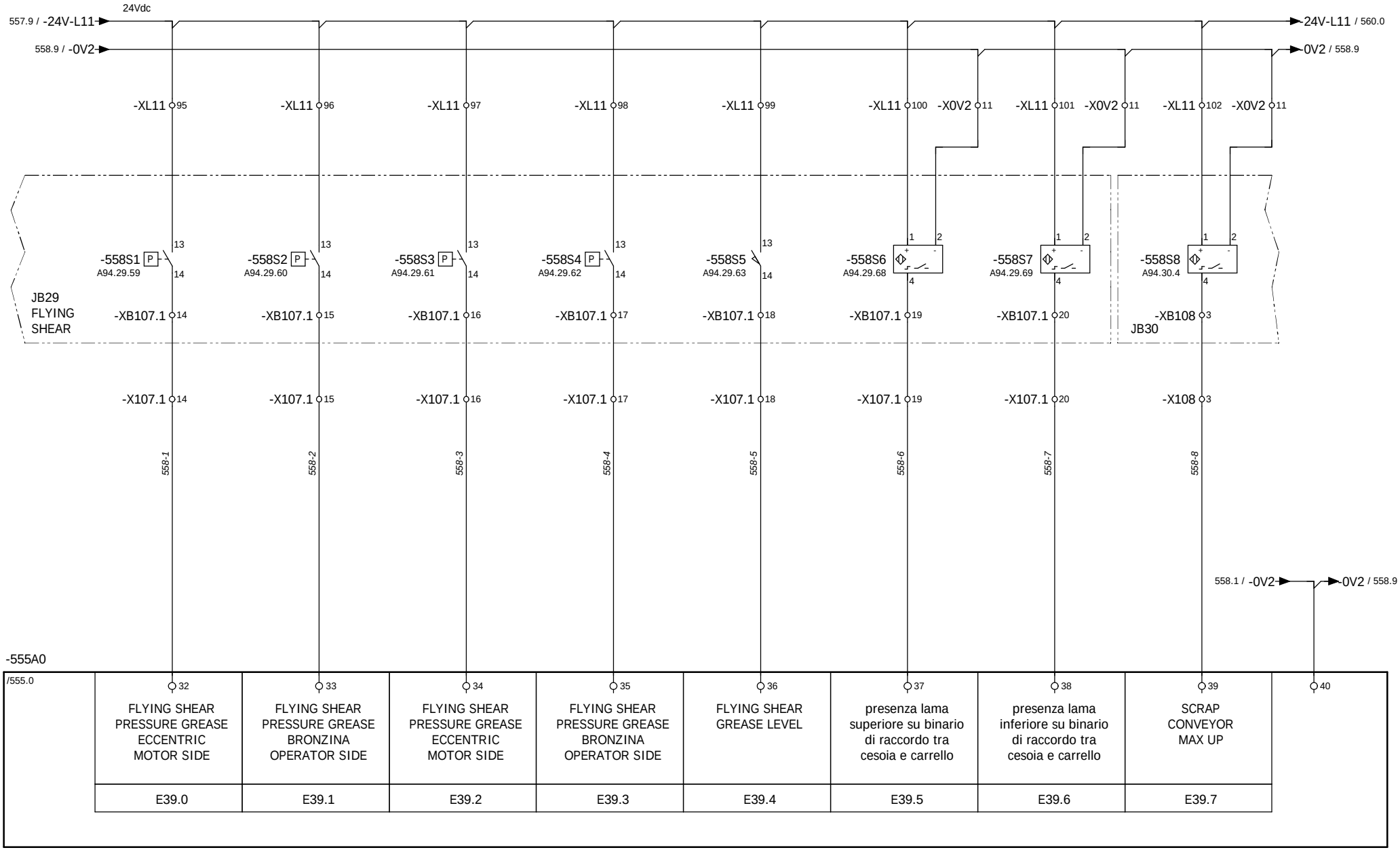
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Job Nr.

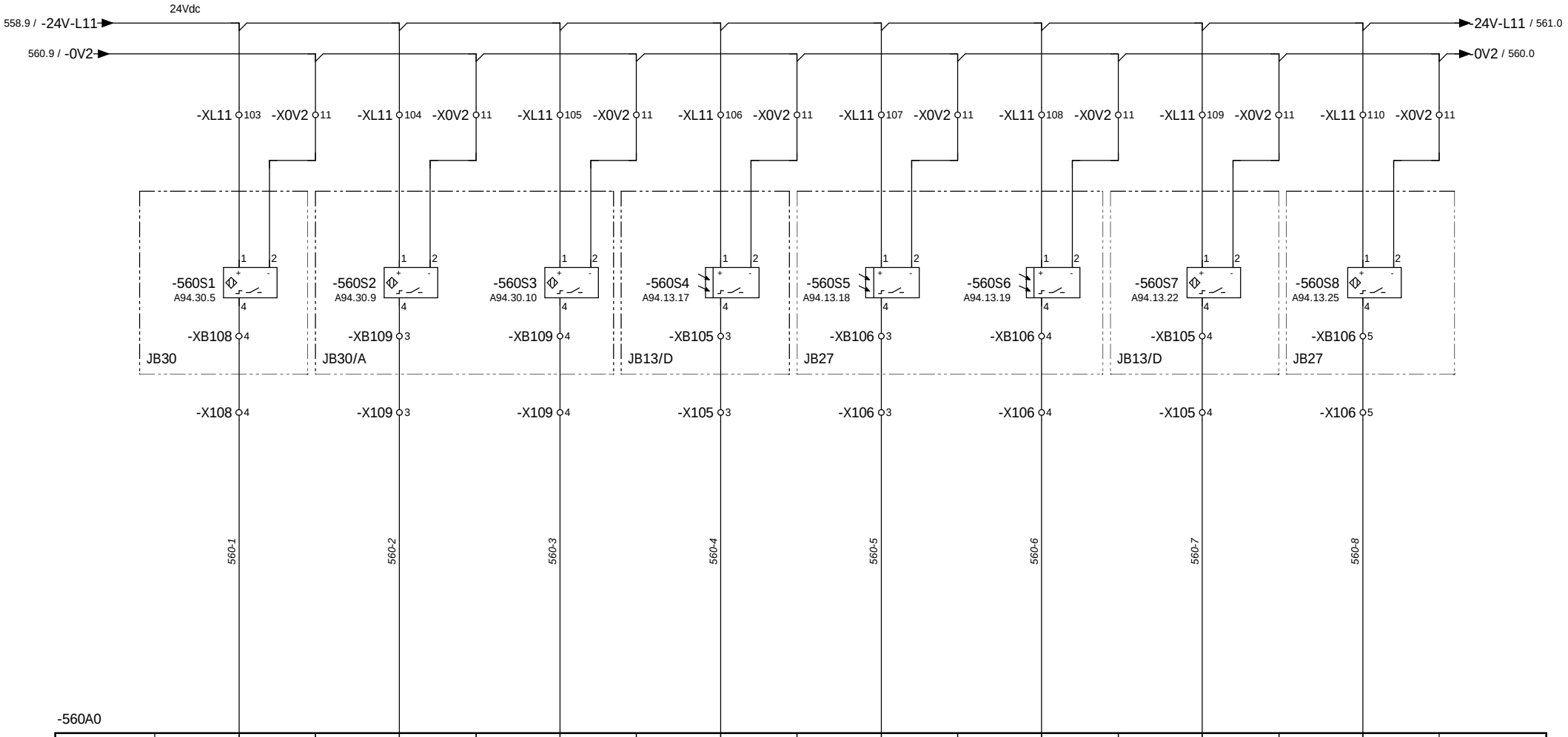
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/562.0
/563.0

2	3	4	5	6	7	8	9
SCRAP CONVEYOR MAX DOWN	SCRAP CARRIAGE MAX M.S.	SCRAP CARRIAGE MAX M.O.	posta in ingresso al 1° P.R. posto dopo la cesoia tilting con funzione di presenza testa foglio per discesa P.R. e richiamo in salita alla perdita della coda	posta in ingresso al 2° P.R. posto dopo la cesoia tilting con funzione di presenza testa foglio per discesa P.R. e richiamo in salita alla perdita della coda	posta in ingresso alla cesoia volante con funzione di presenza testa foglio per discesa P.R. evacuazione code e richiamo in salita alla perdita della coda	1° PINCH ROLL AFTER TILTING SHEAR MAX UP	2° PINCH ROLL AFTER TILTING SHEAR MAX UP
E40.0	E40.1	E40.2	E40.3	E40.4	E40.5	E40.6	E40.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

Rev.	Descript.	Date	Name	Original	
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

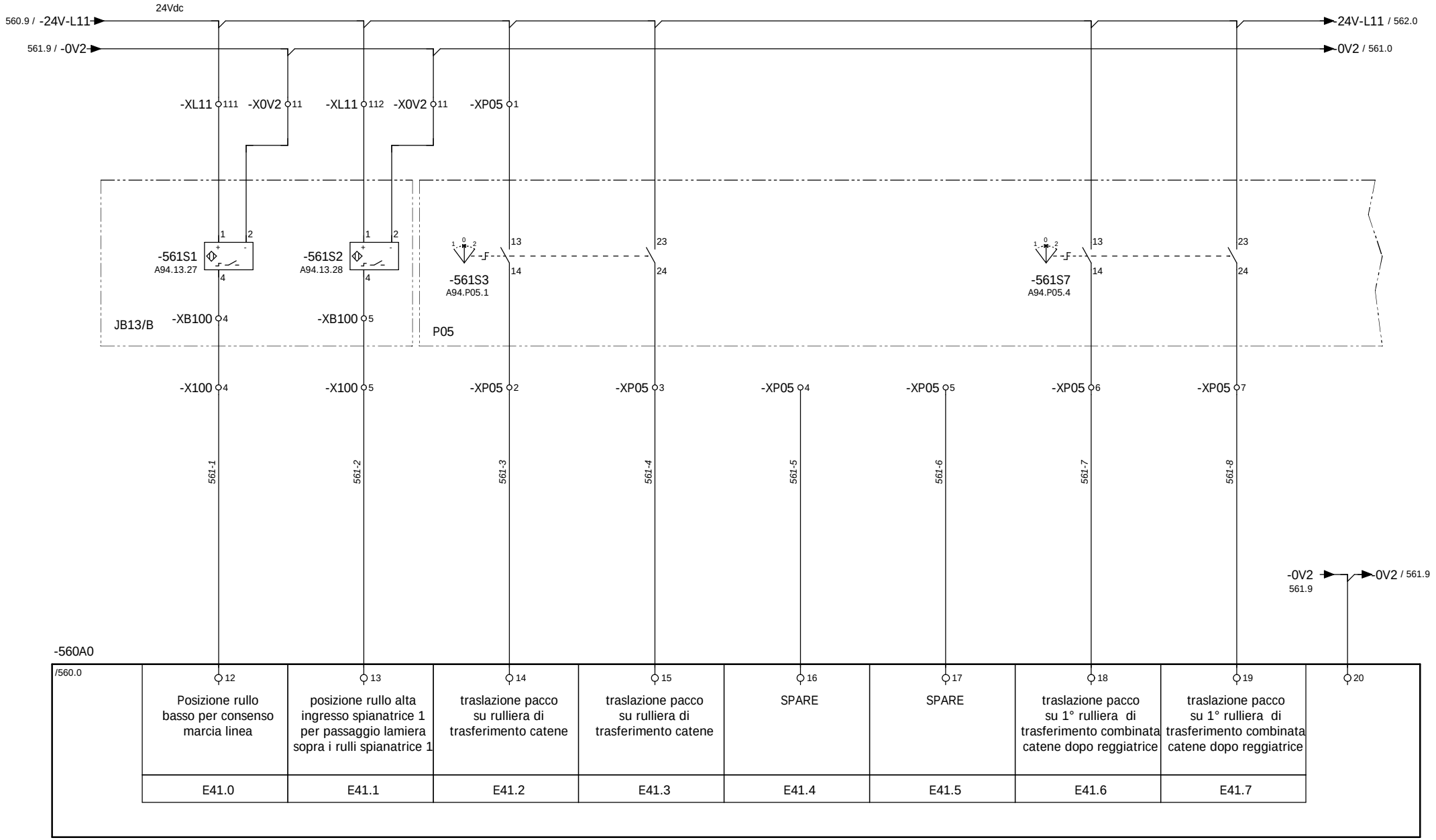
Job Nr.

Dwg.Nr. A94

= A94
+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

= A94

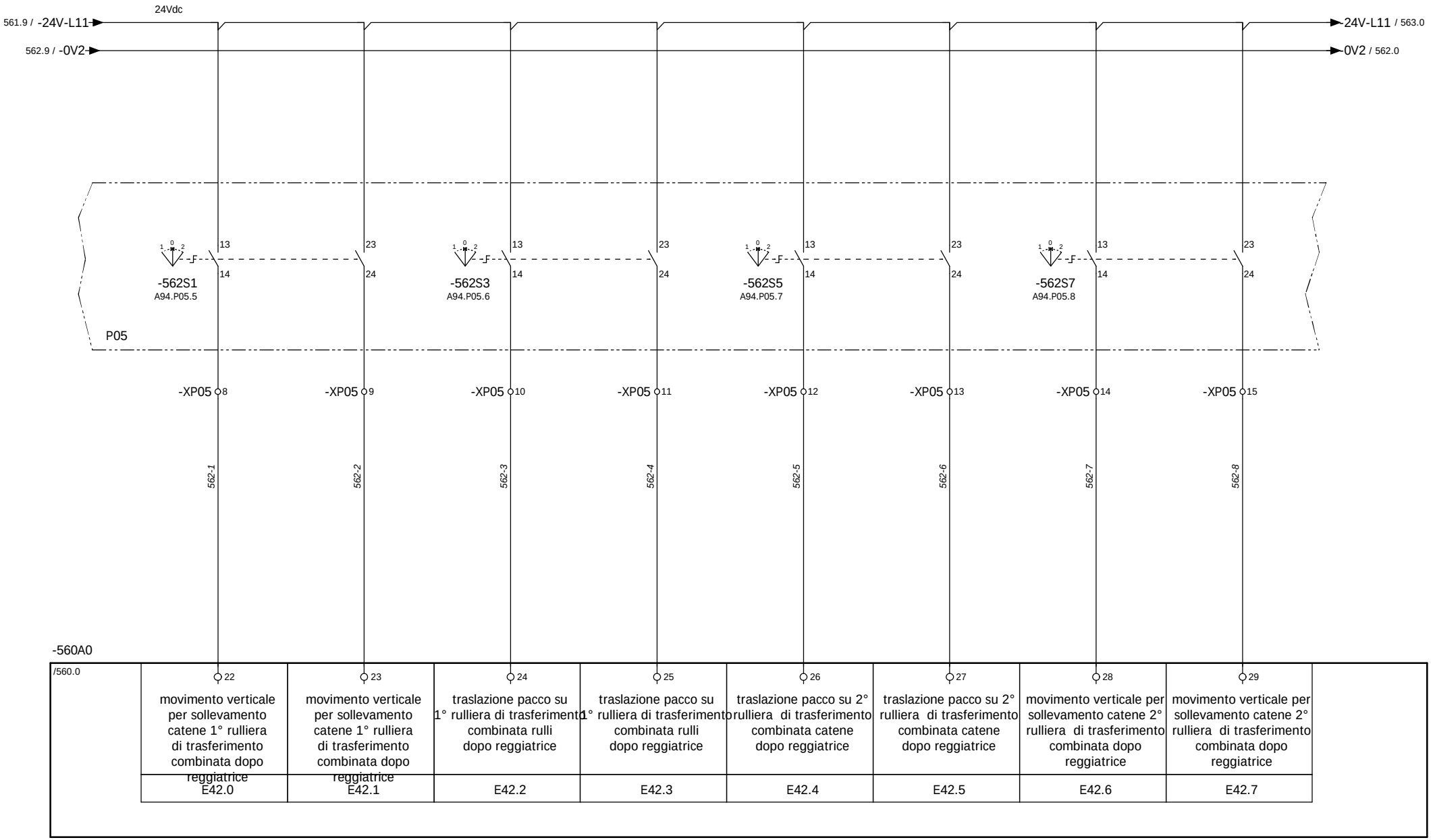
+ **PLC**

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Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

Job Nr.

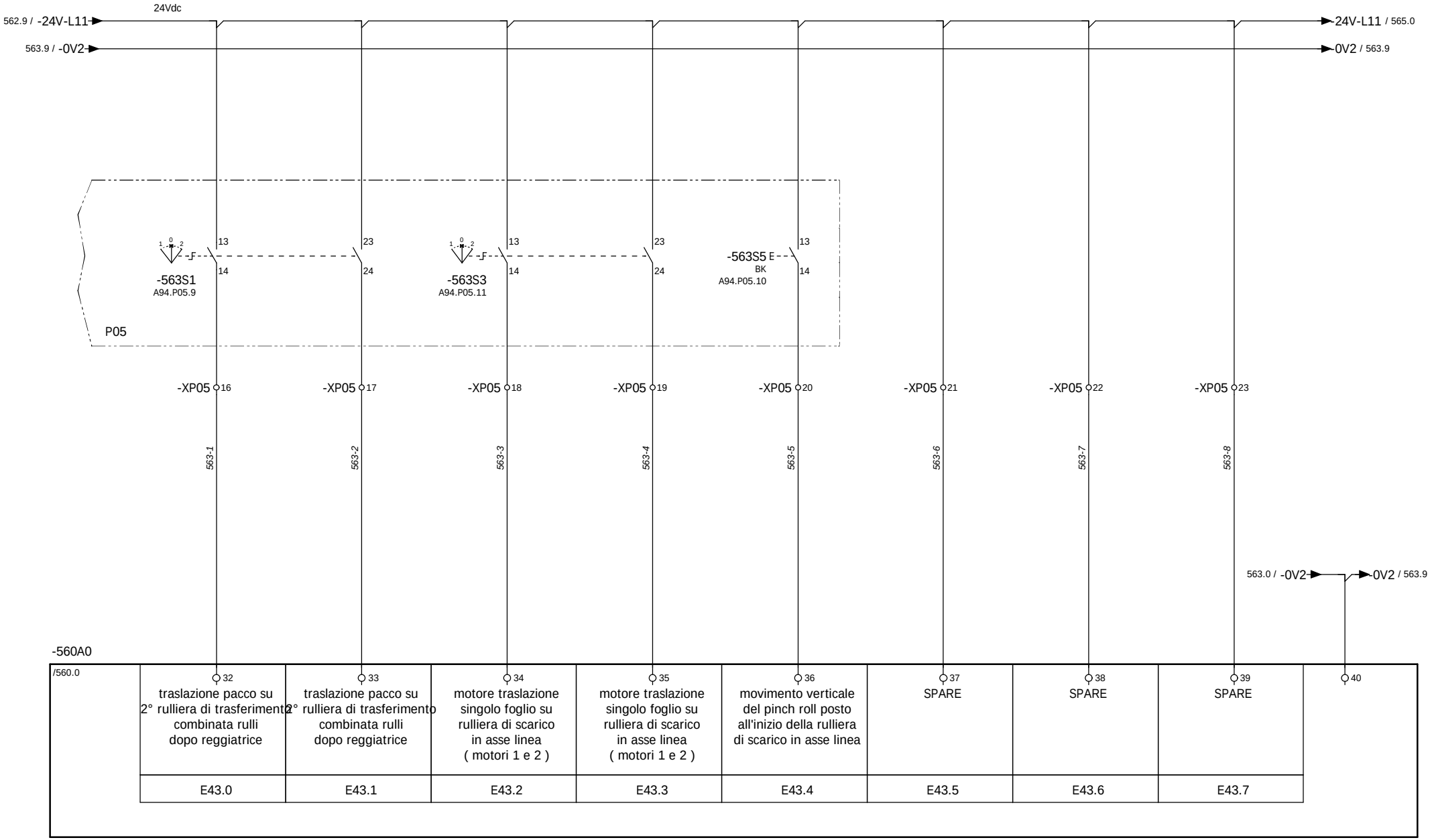
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+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

Job Nr.

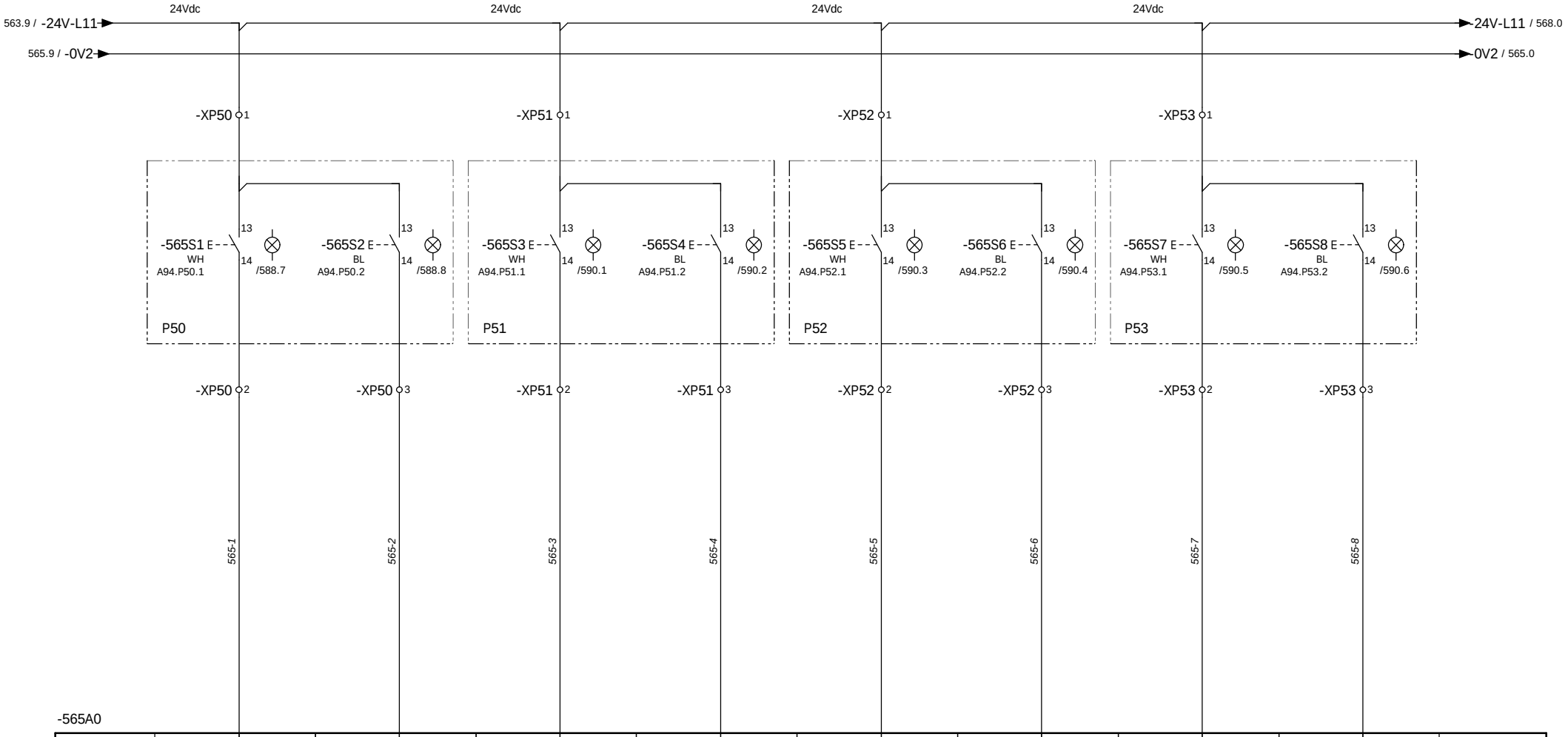
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+ **PLC**

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-565A0

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	E44.0	E44.1	E44.2	E44.3	E44.4	E44.5	E44.6	E44.7

CODE: 6ES7321-1BL00-0AA0 CONNECTOR: 6ES7392-1AM00-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

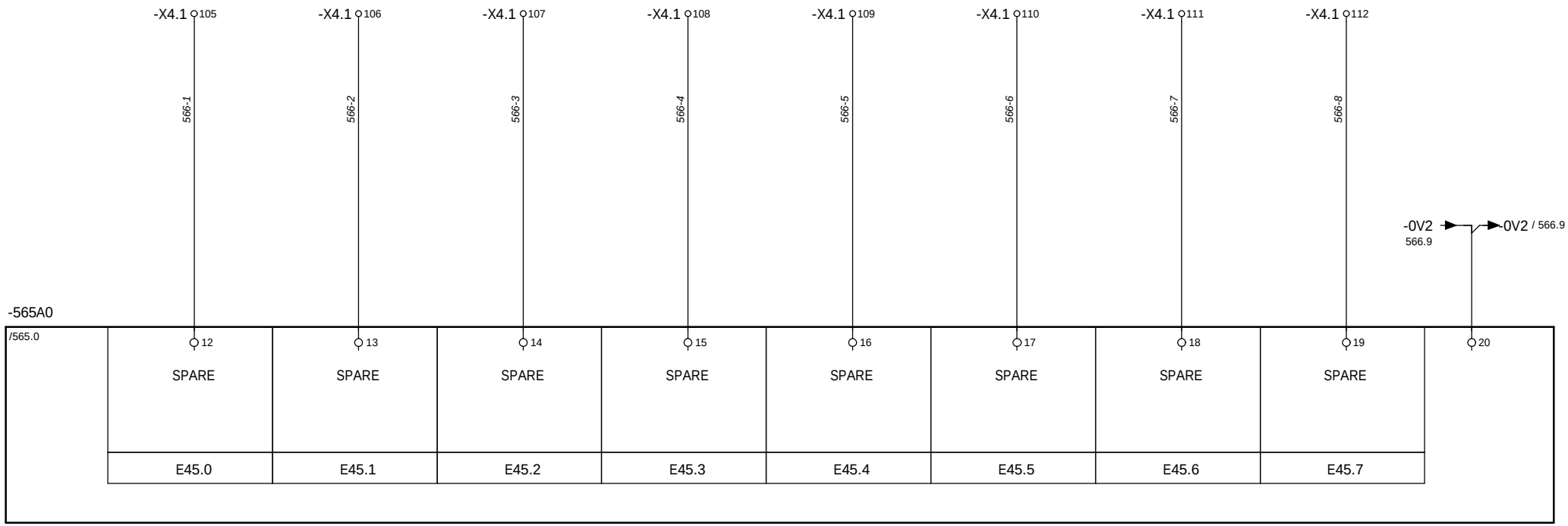
Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

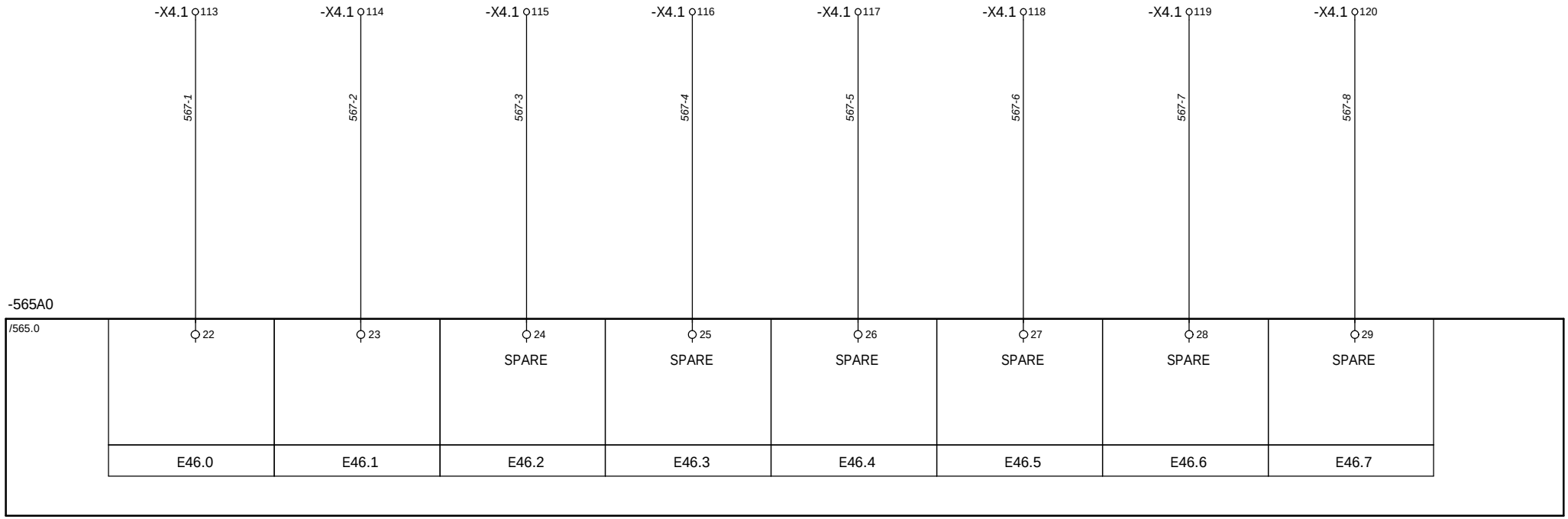
= A94
+ **PLC**

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Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

Job Nr.

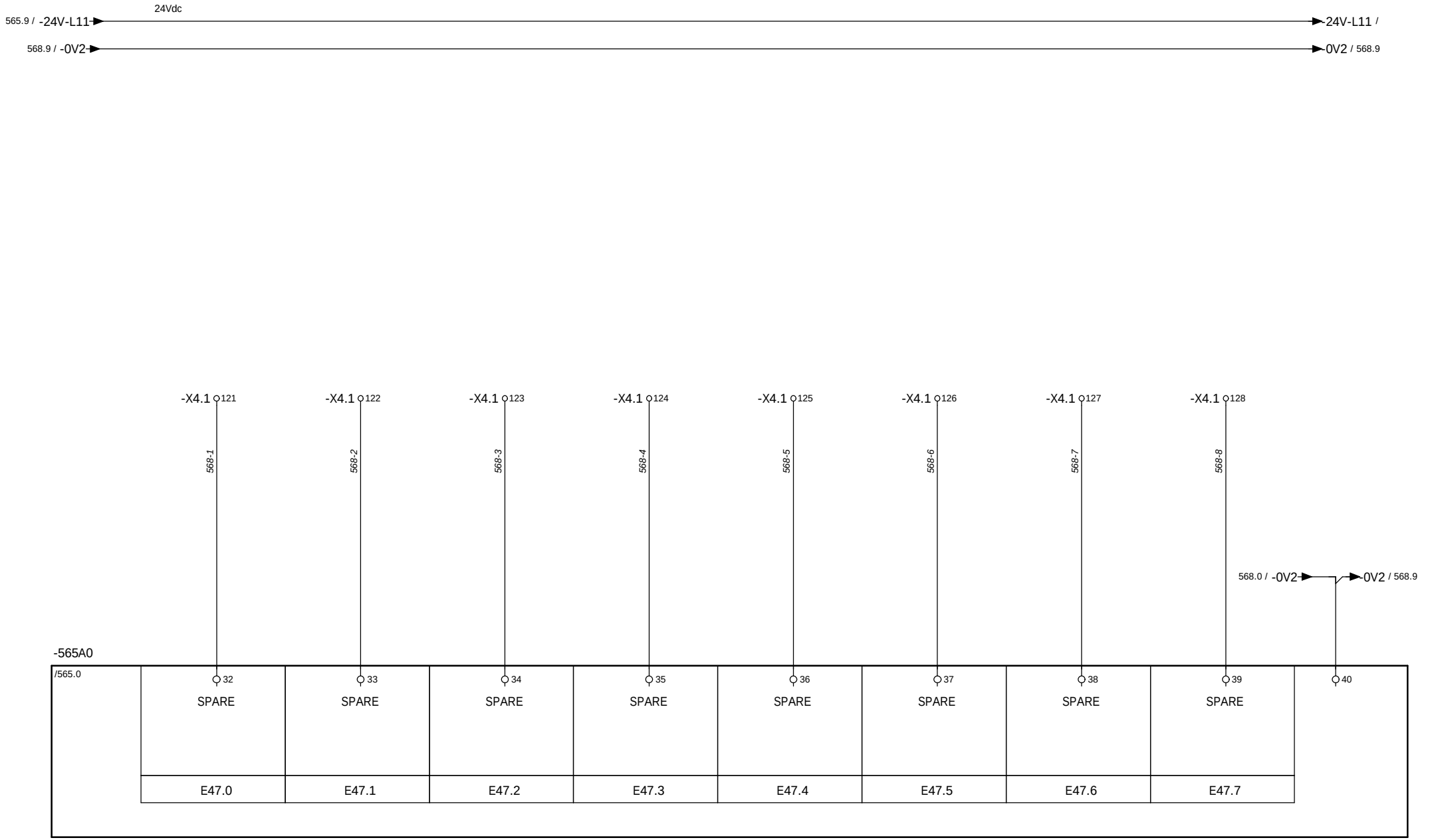
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS FIELD

Descript.

NOVASTILMEC A94

Job Nr.

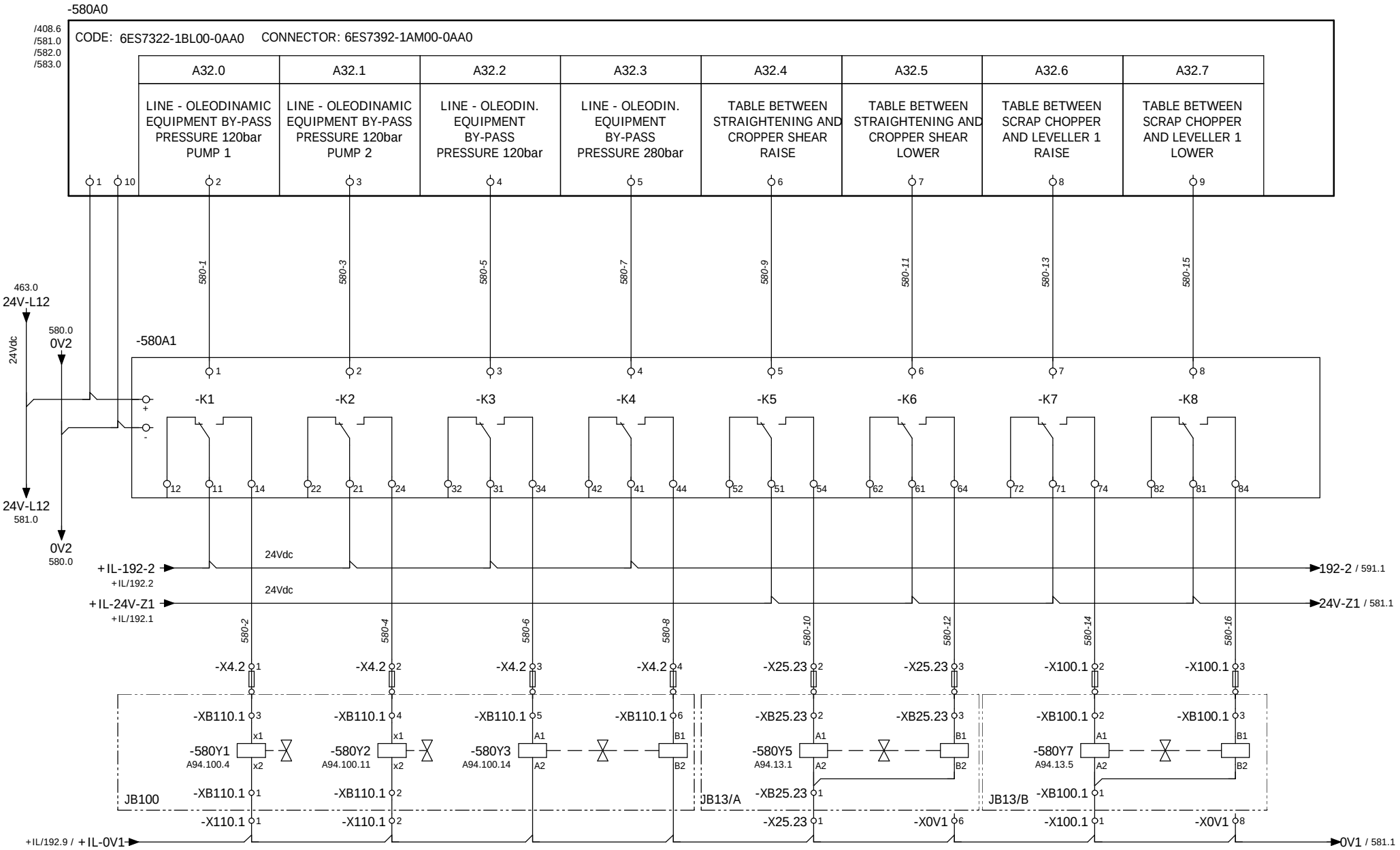
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+ **PLC**

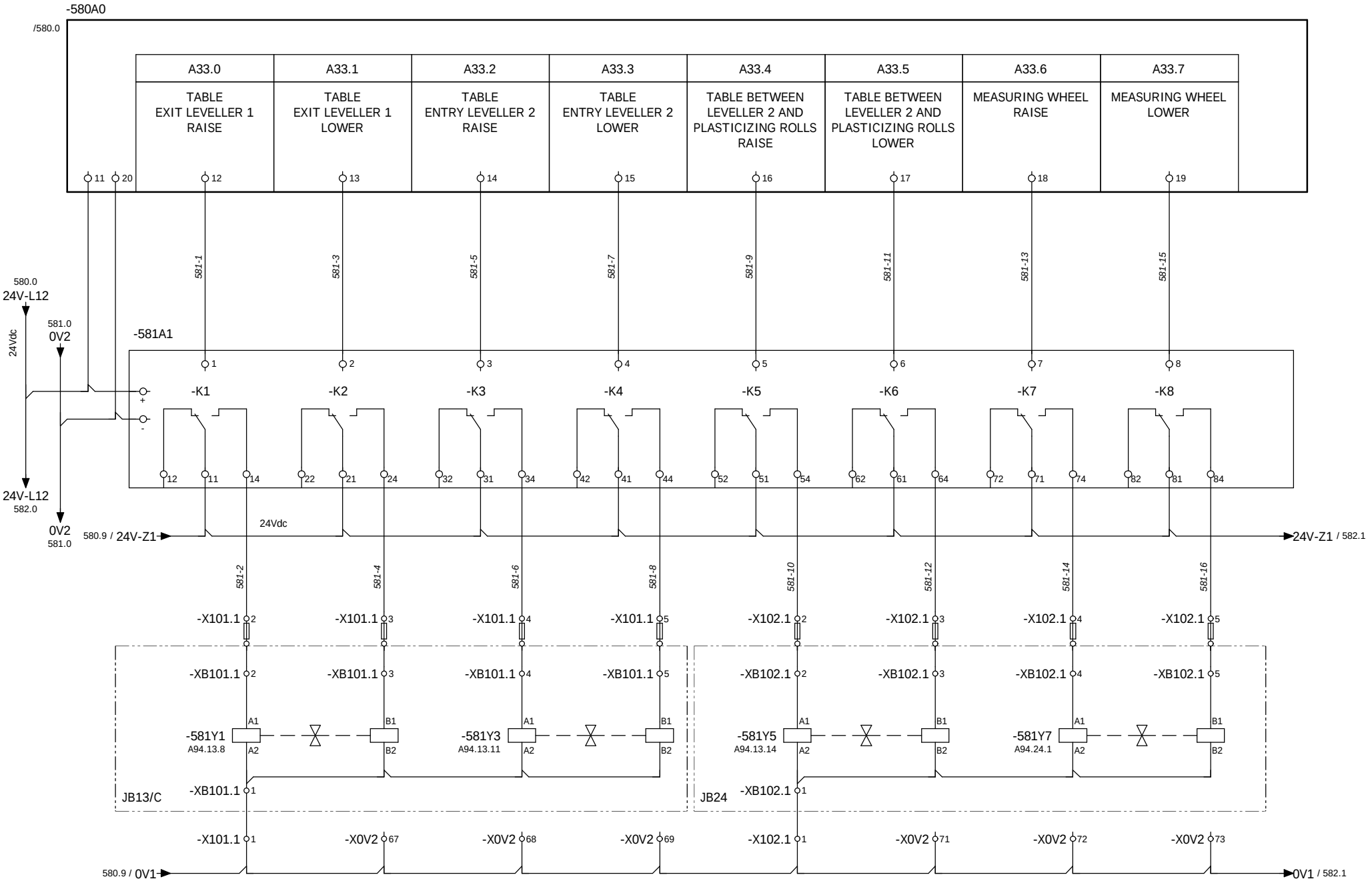
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUT FIELD	NOVASTILMEC A94
				Drawn	TPM				
				Check	ALE				
Rev.	Descript.	Date	Name	Original				Descript.	

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+ PLC			
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

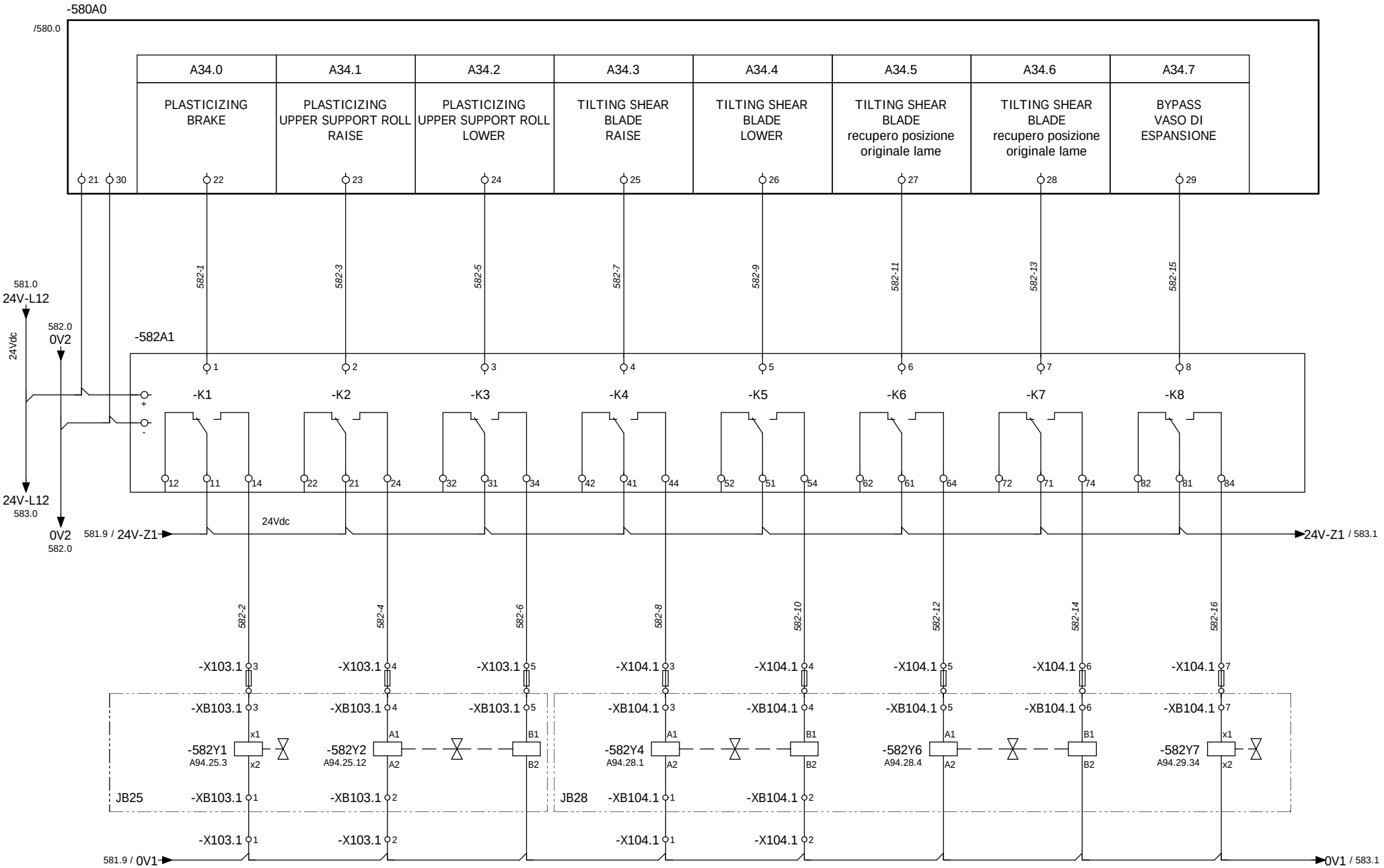
Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

Job Nr.

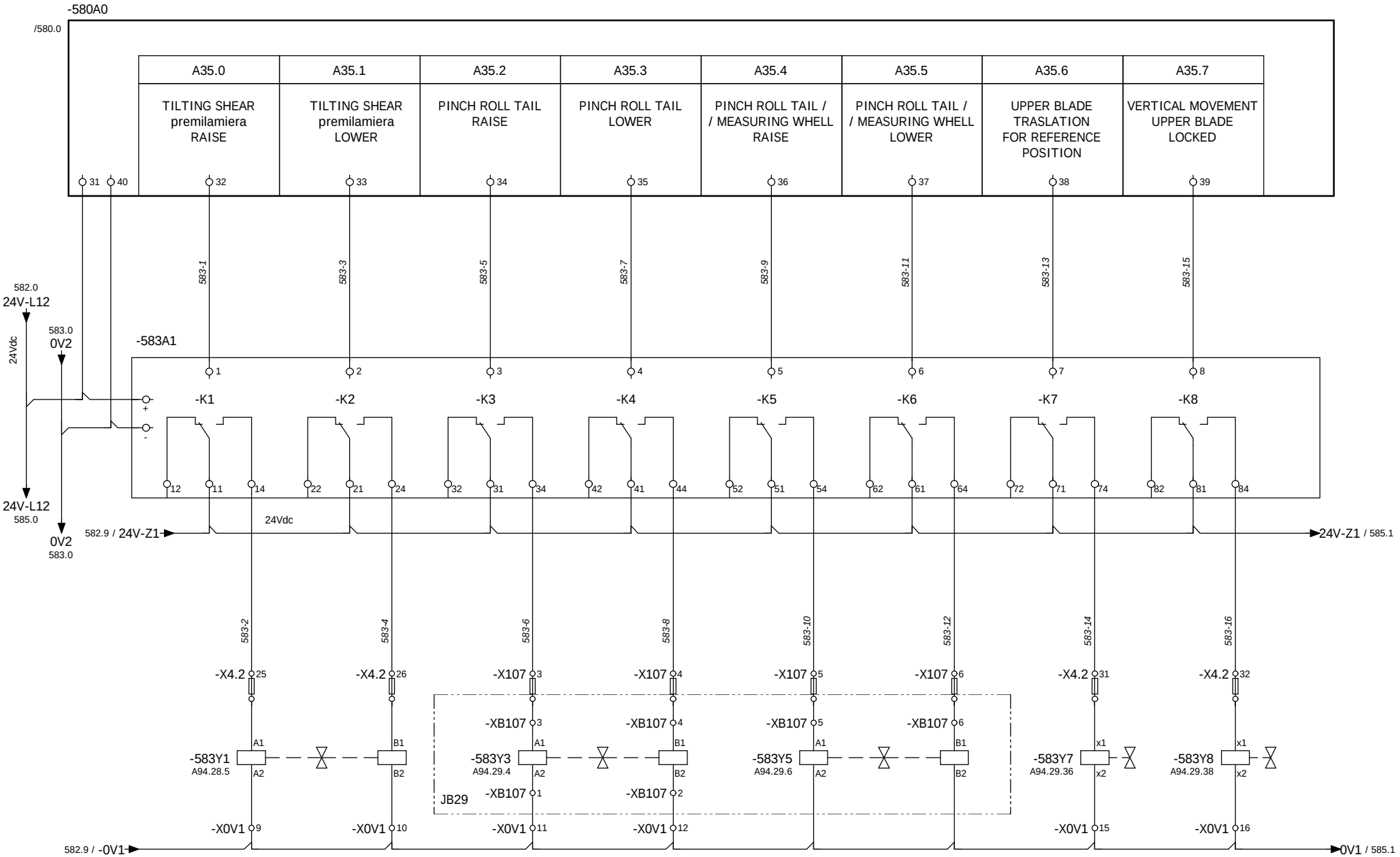
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

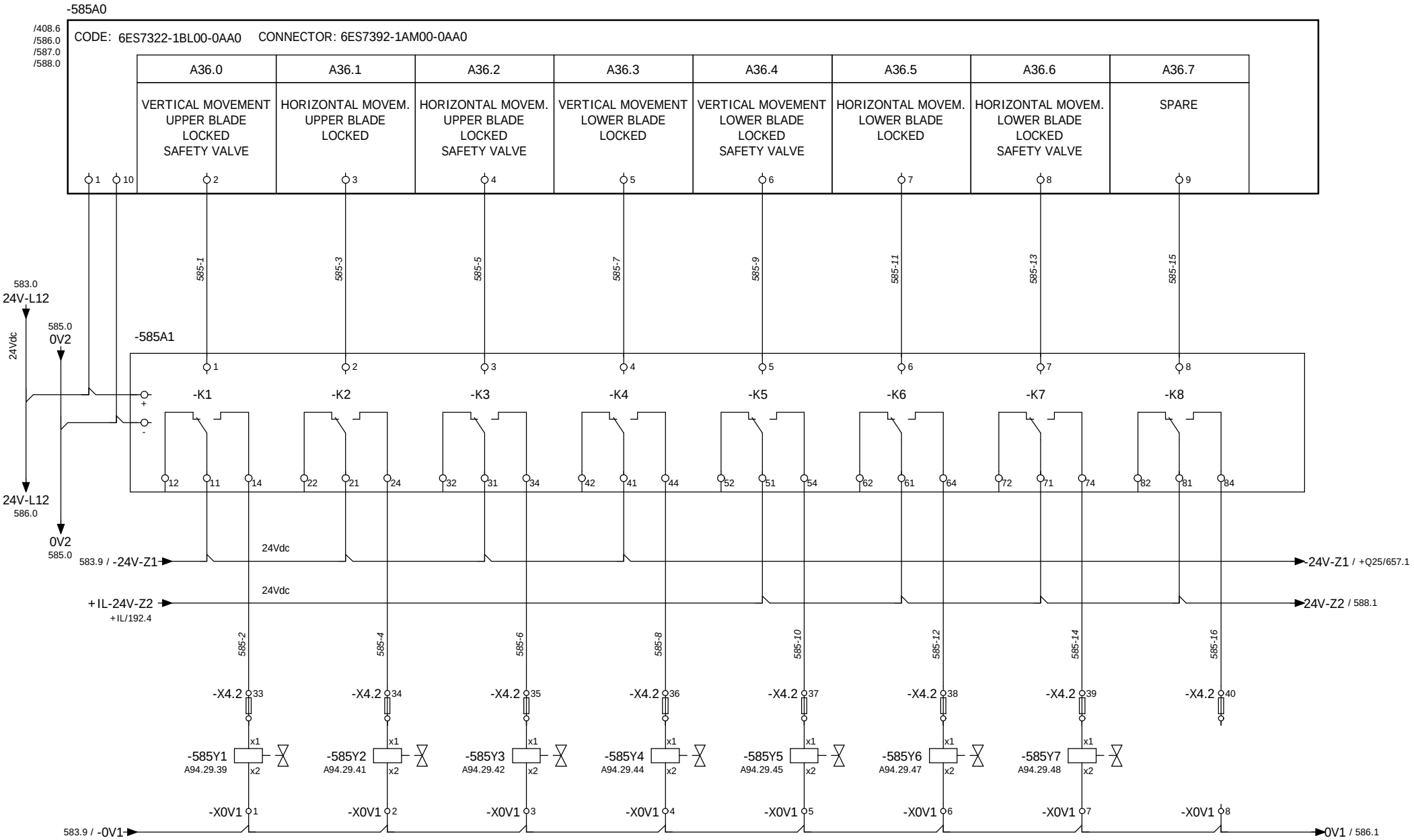
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+ PLC

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

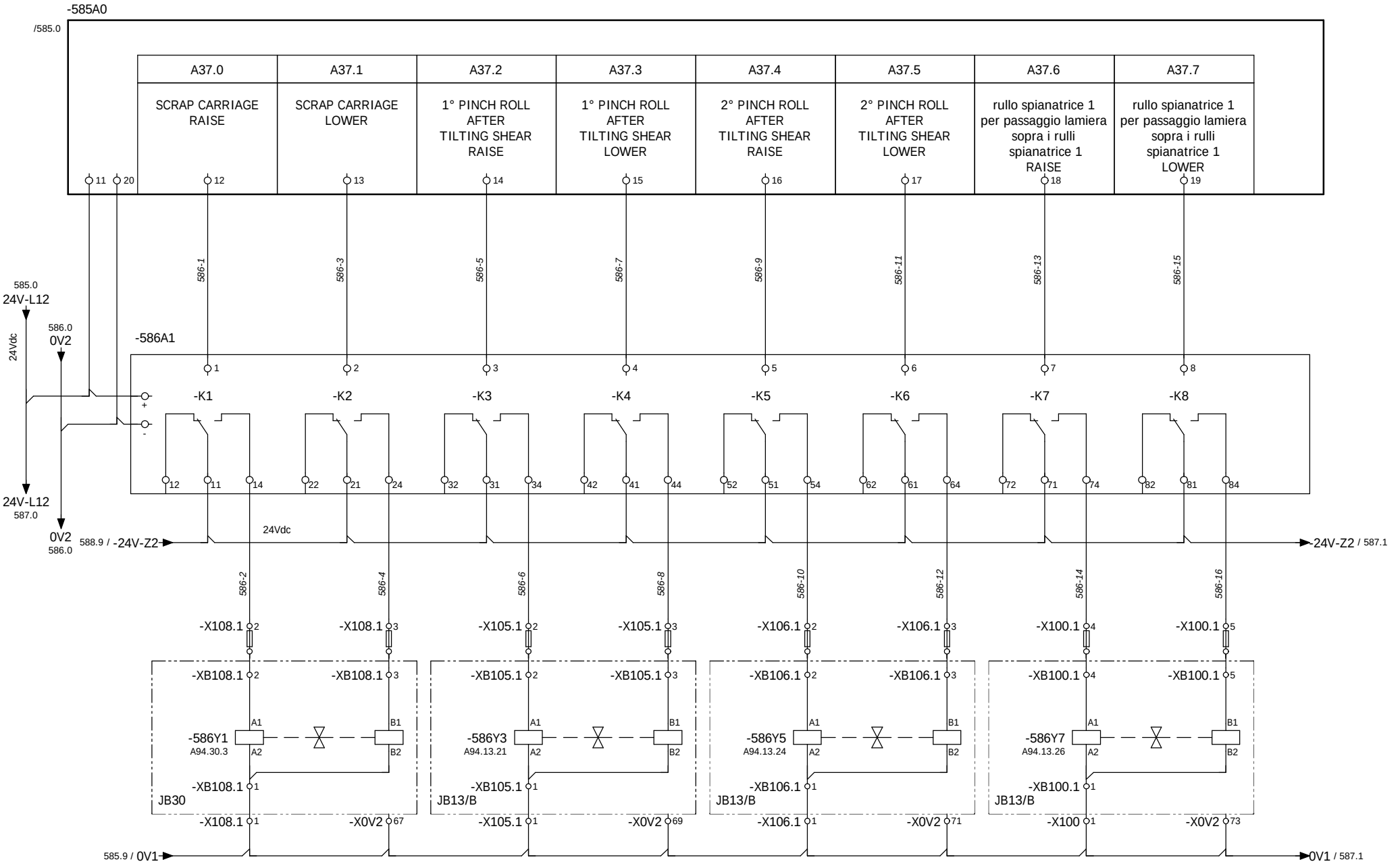
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

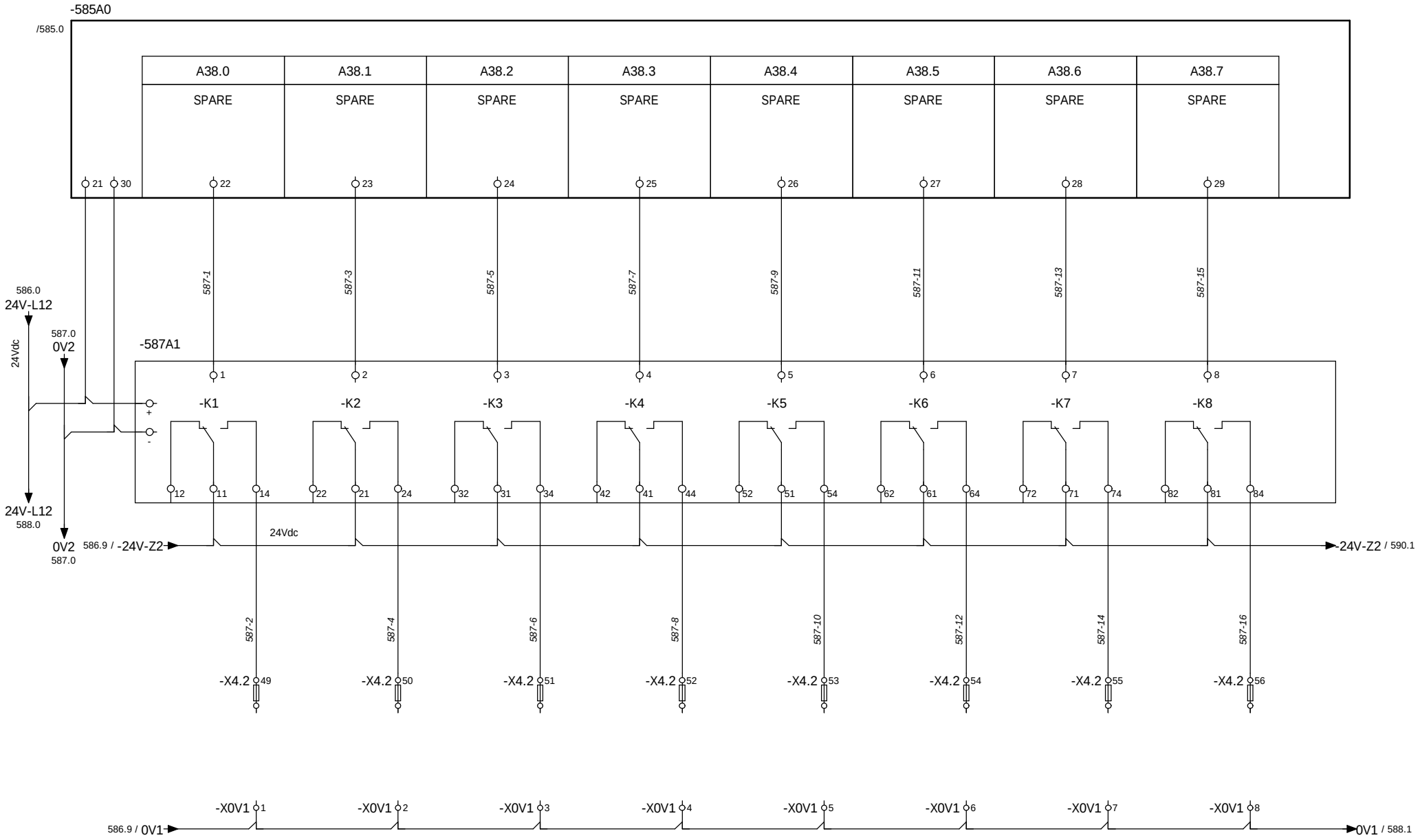
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

Job Nr.

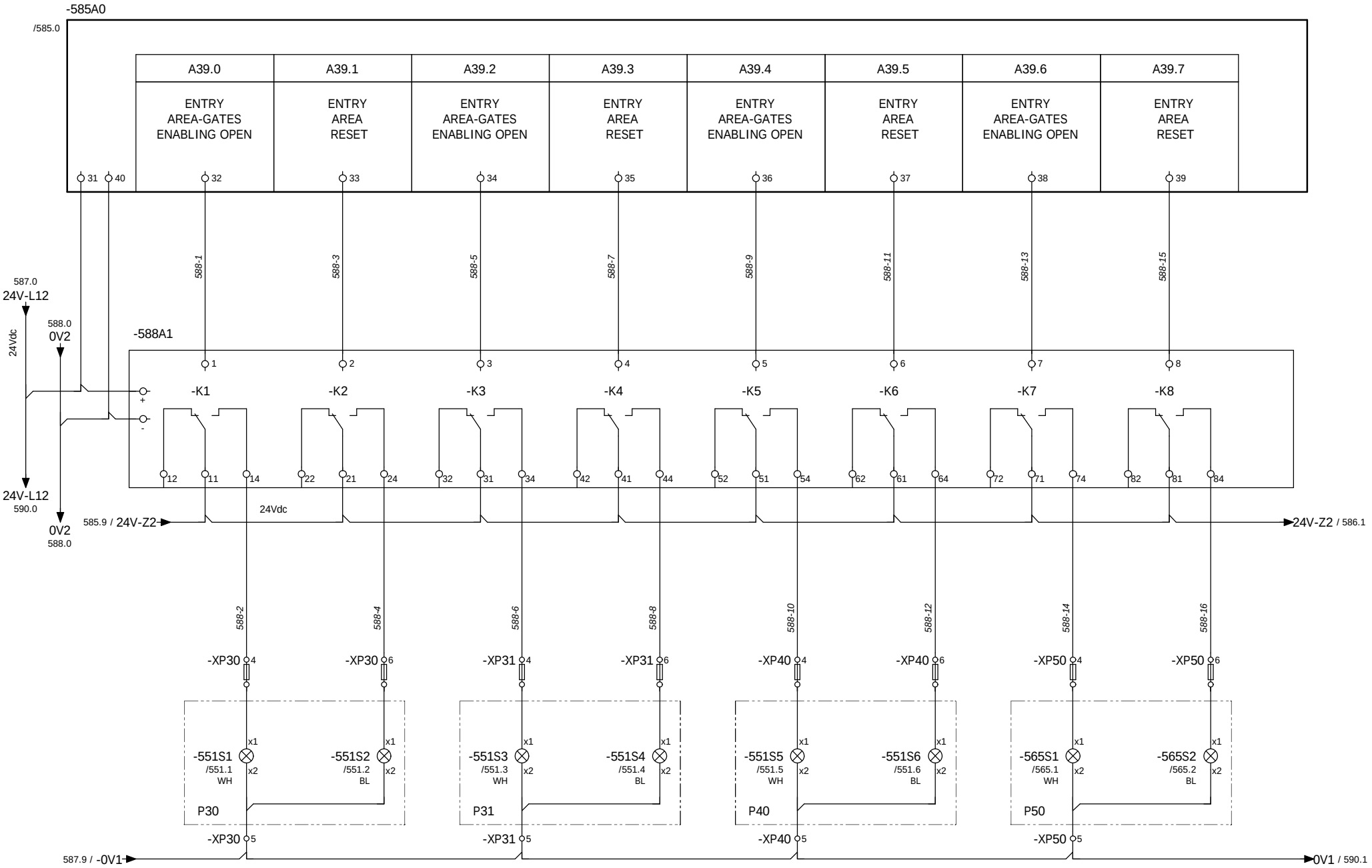
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+ **PLC**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

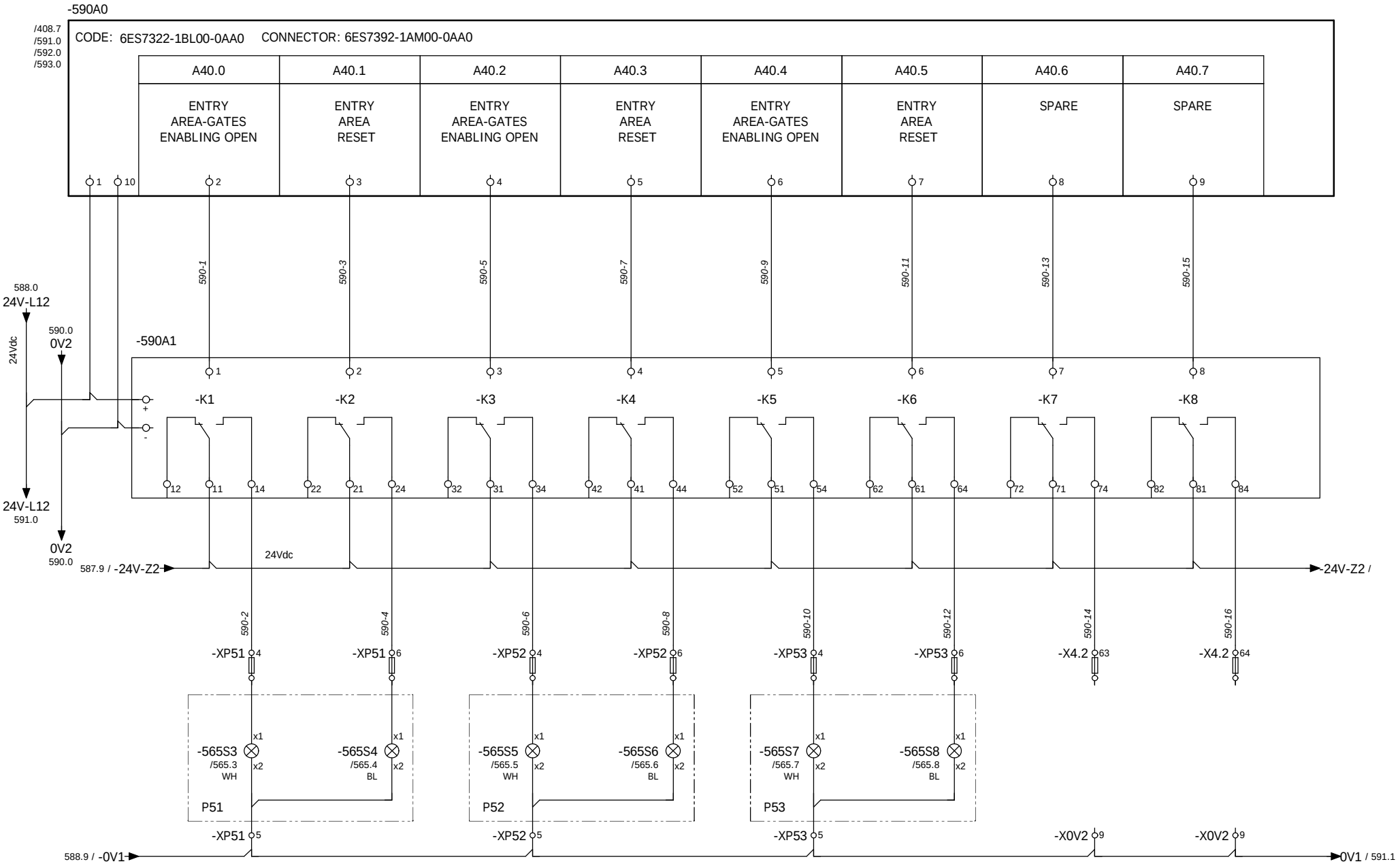
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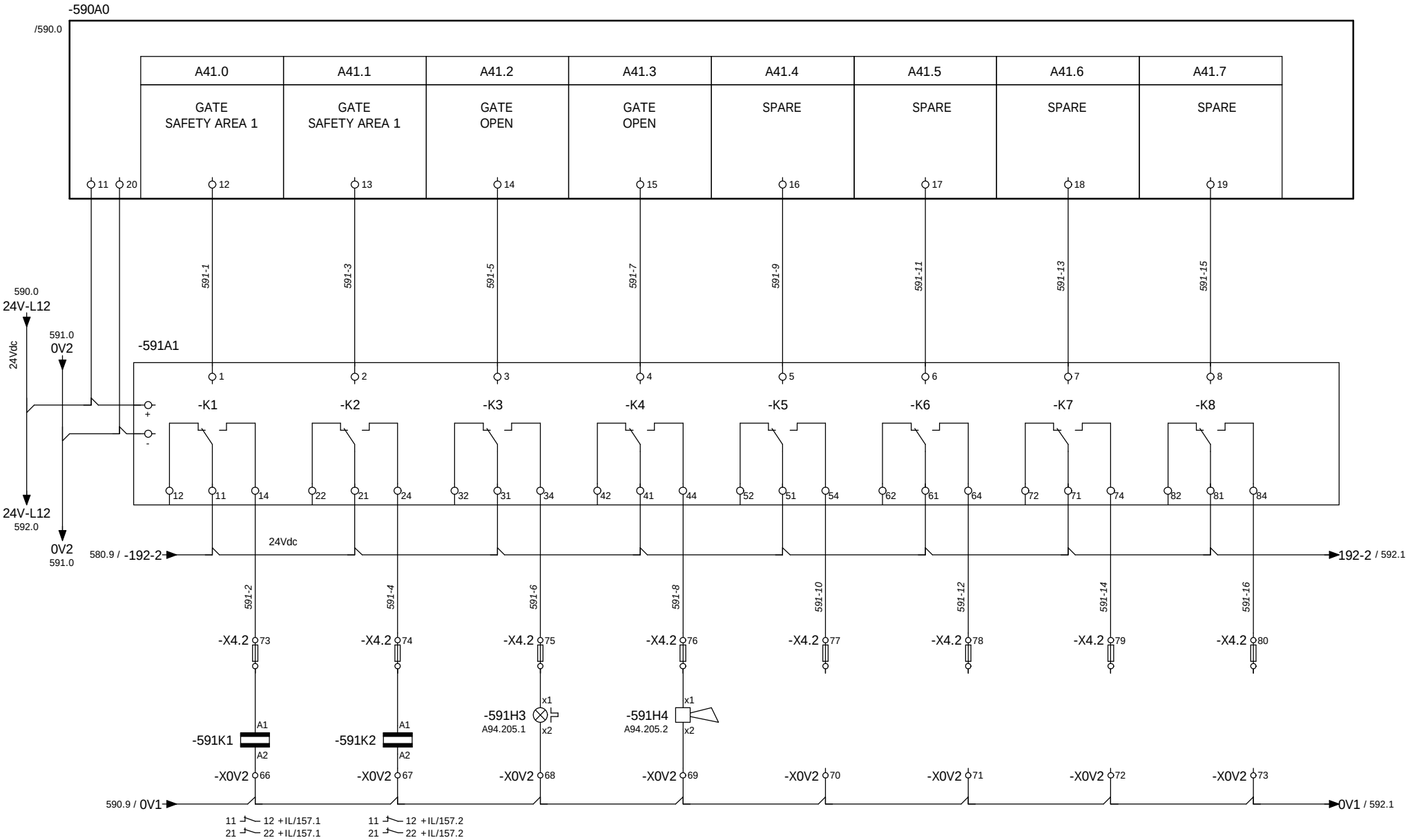
= A94
+ **PLC**

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				Drawn	TPM					+ **PLC**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **590**
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Check	ALE
Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

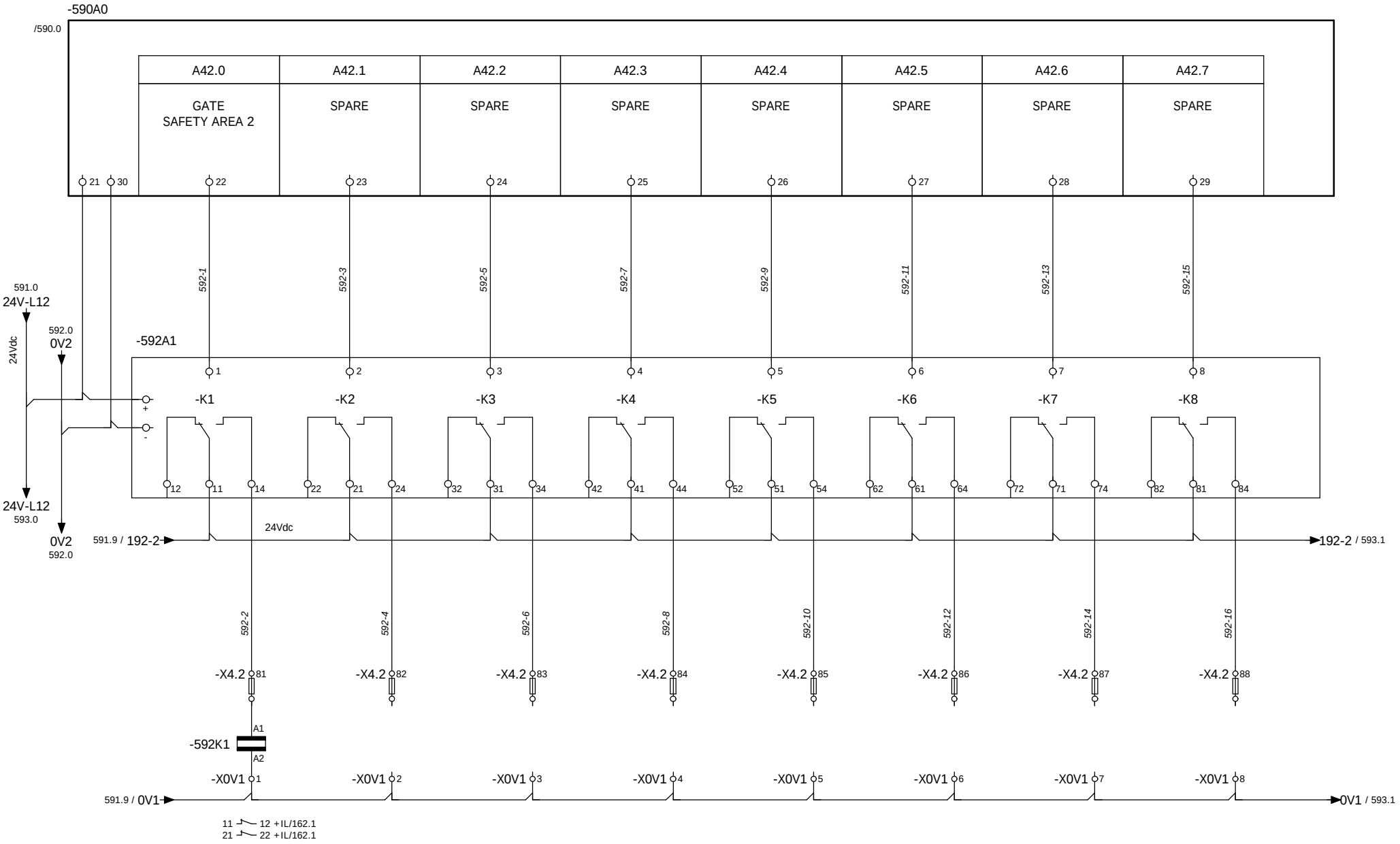
Job Nr.

Dwg.Nr. A94

= A94
+ **PLC**

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

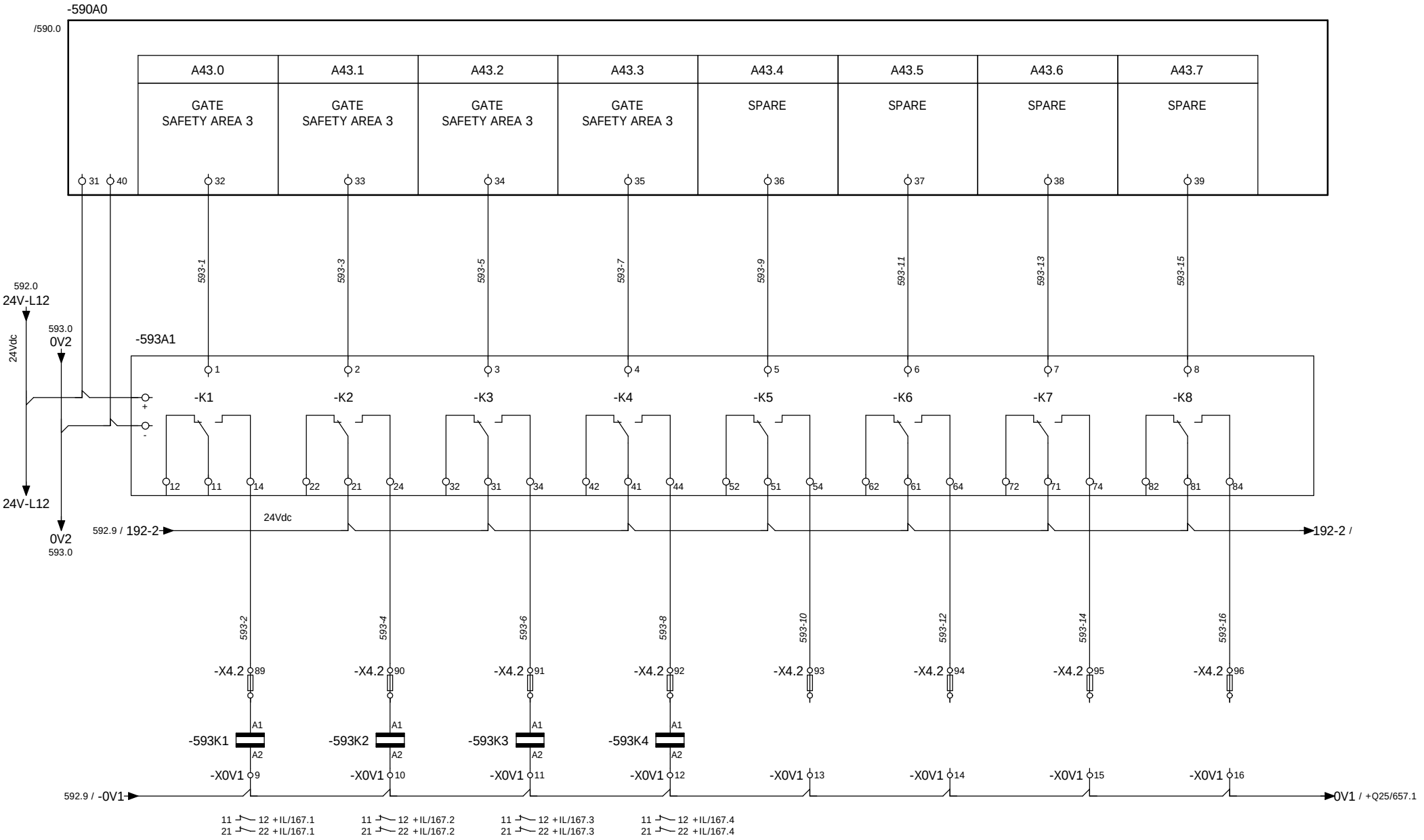
Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUT FIELD

Descript.

NOVASTILMEC A94

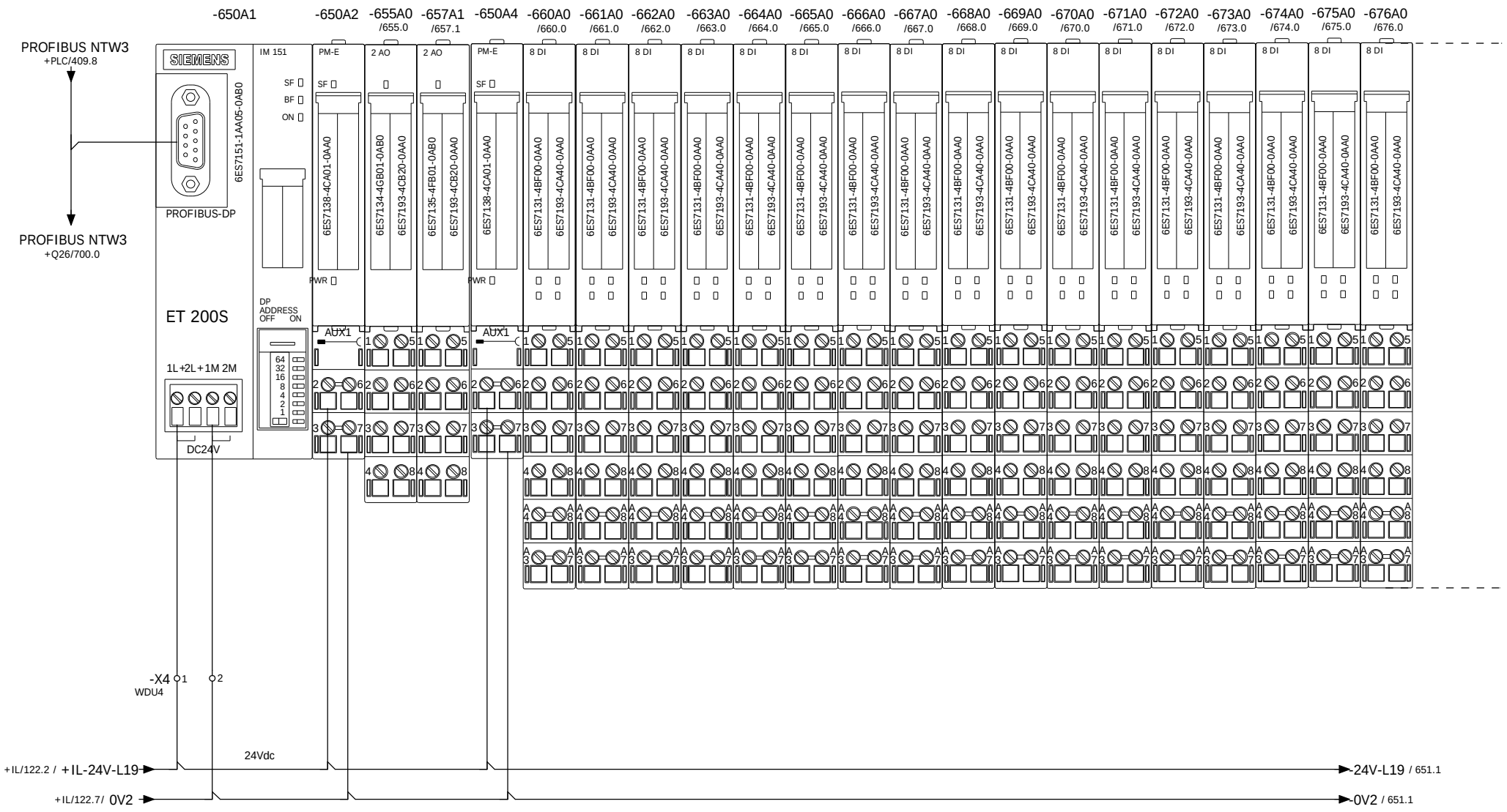
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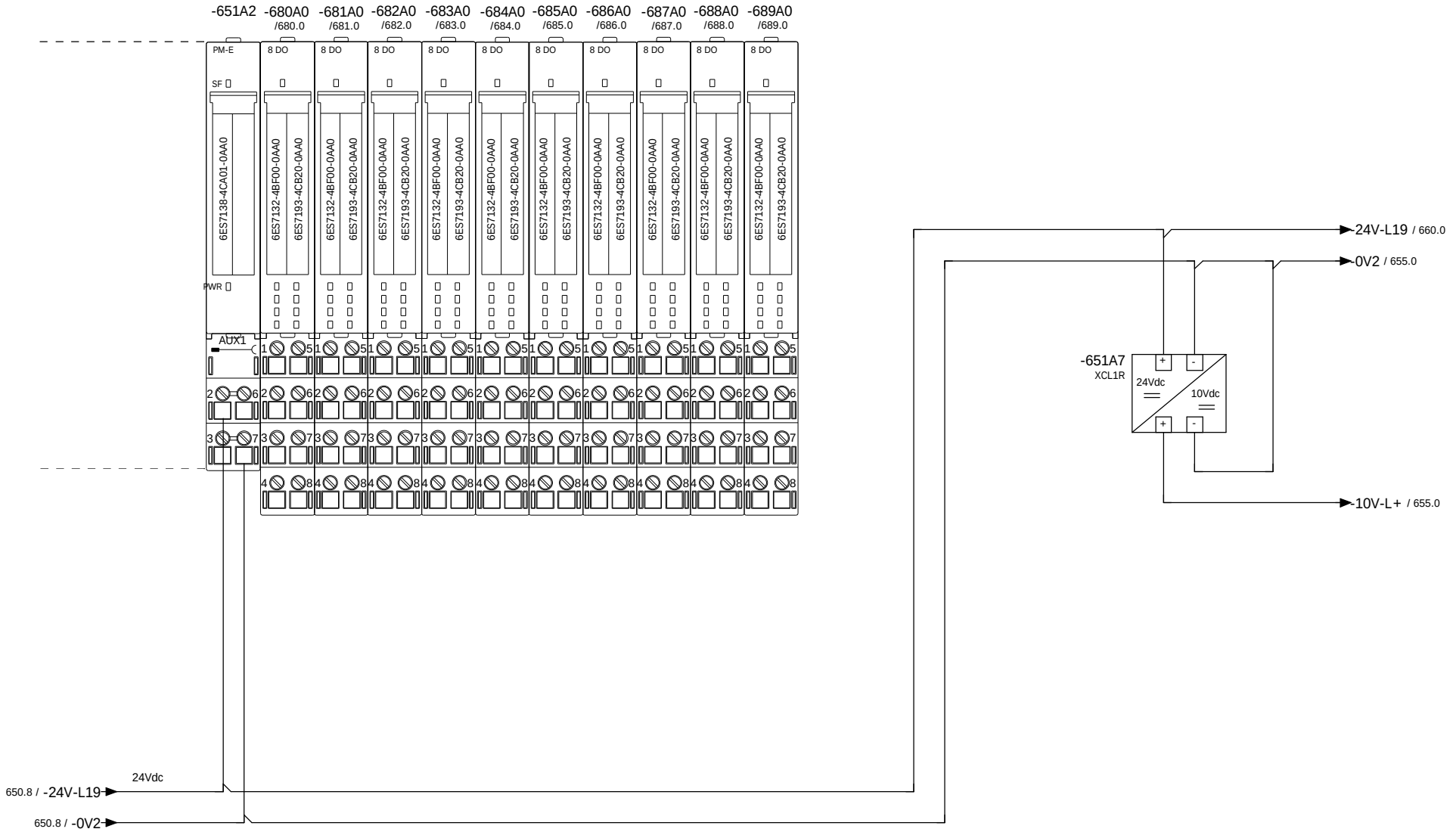
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+ **PLC**

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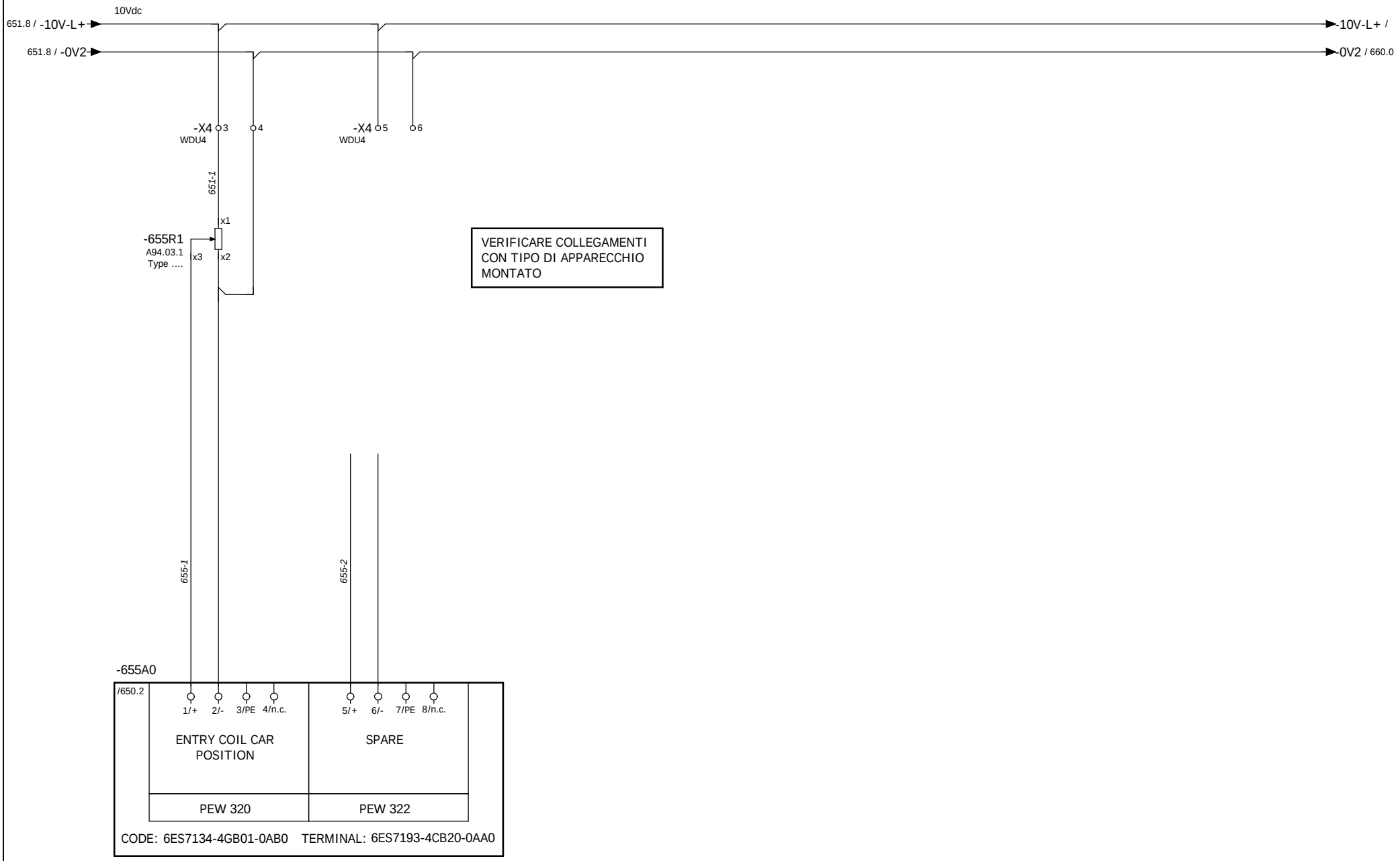
Follow +Q25/650



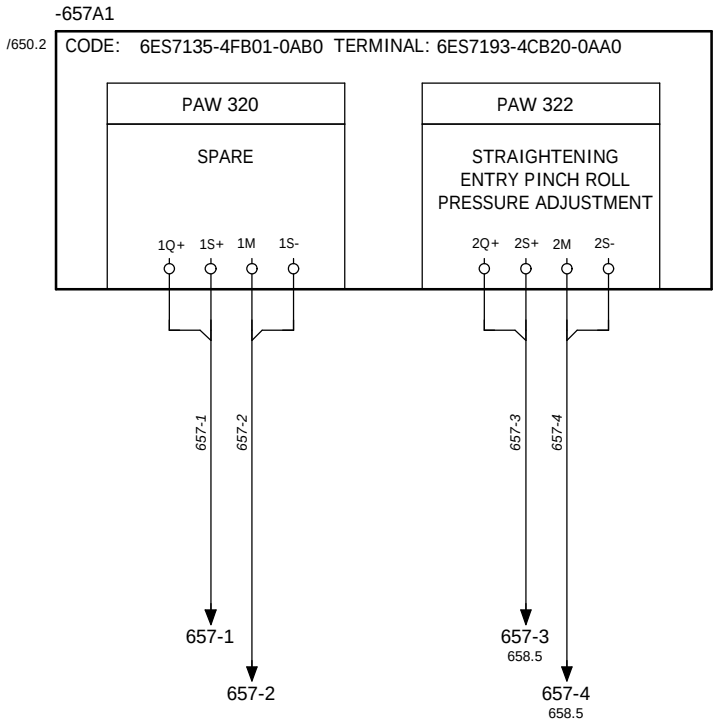
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				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **650**
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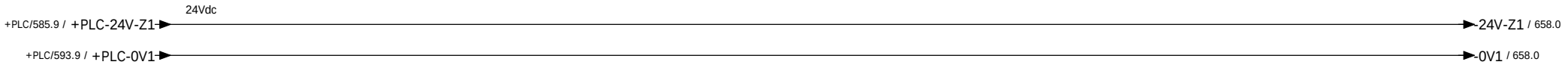


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				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr.	Dwg.Nr. A94	Page **651**
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				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **655**
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Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: ANALOG OUTPUT

NOVASTILMEC A94

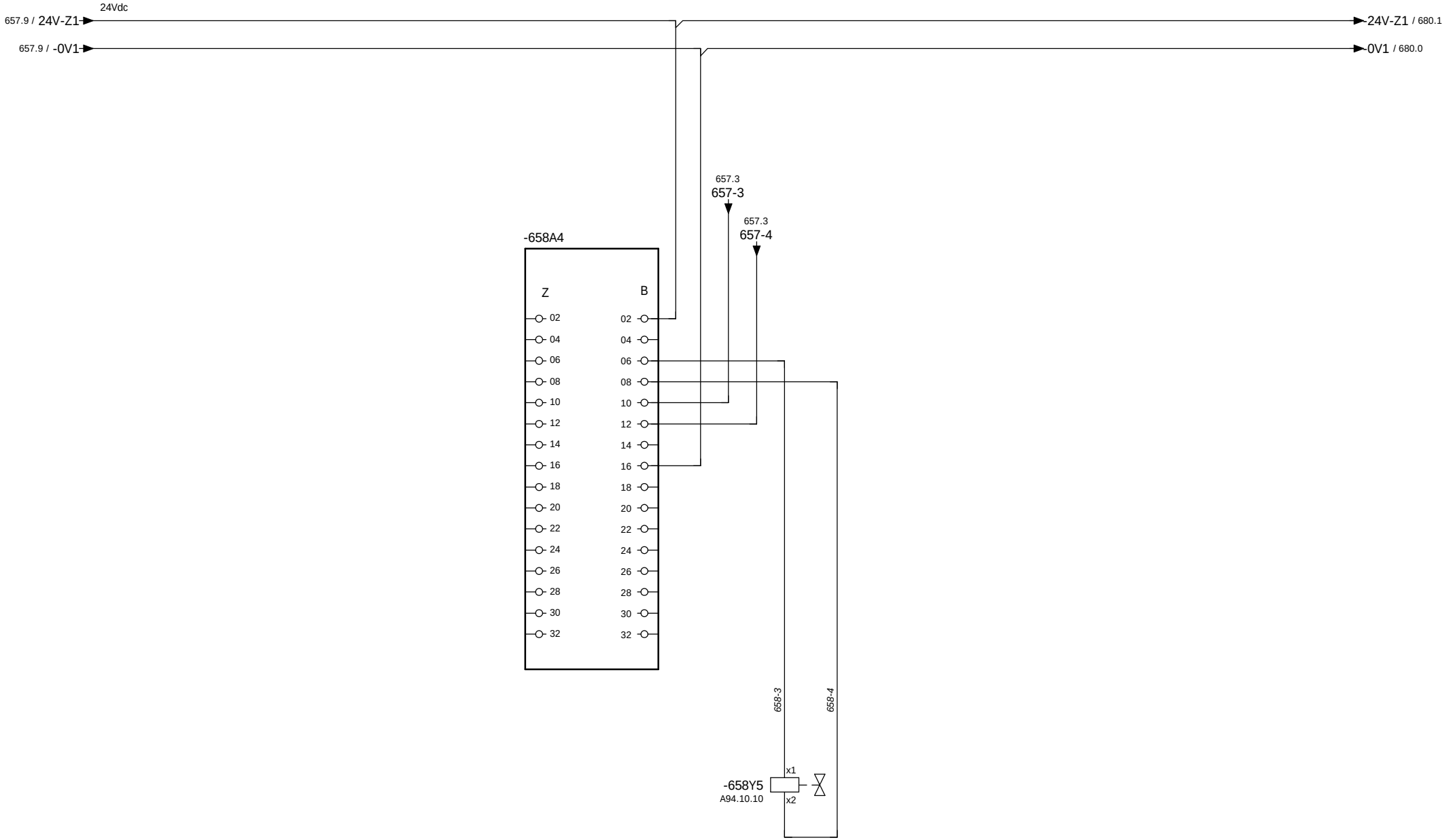
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Job Nr.

Dwg.Nr. A94

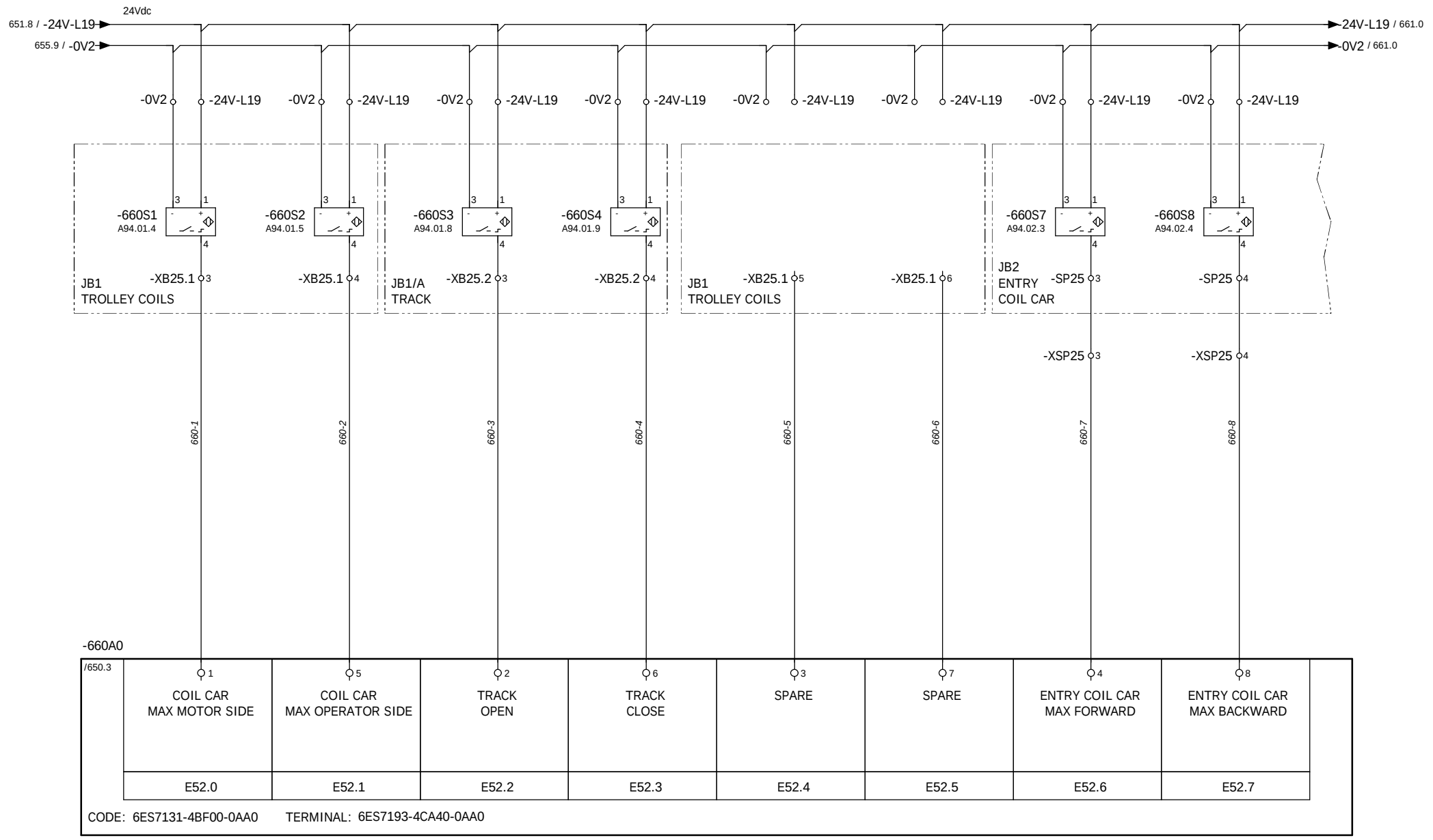
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STRAIGHTENING
ENTRY PINCH ROLL
PRESSURE ADJUSTMENT

00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	ANALOG OUTPUT	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **658**
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

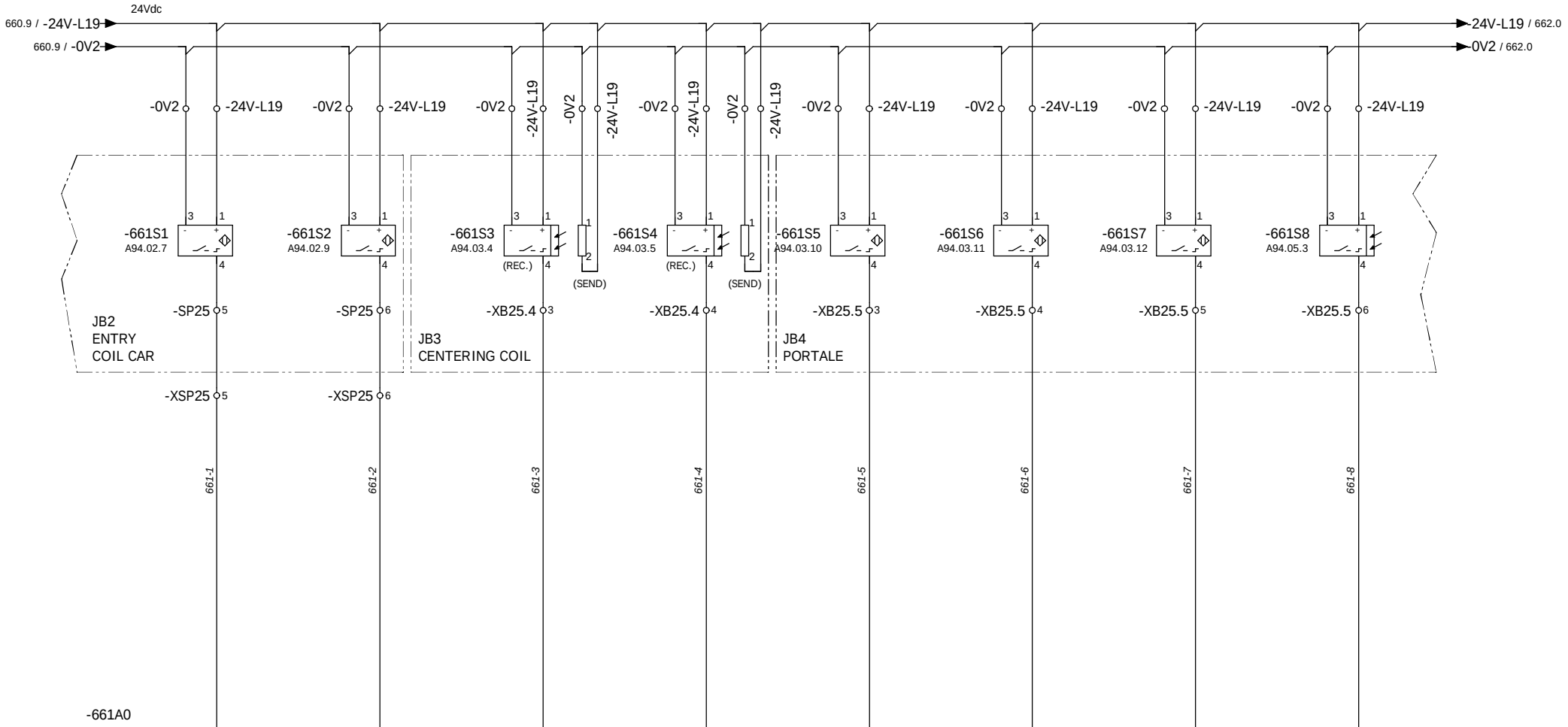
Job Nr.

Dwg.Nr. A94

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-661A0

/650.3	1	5	2	6	3	7	4	8
	ENTRY COIL CAR MAX DOWN	ENTRY COIL CAR PRESENCE COIL	CENTERING COIL READ INSIDE DIAMETER (H=800mm)	CENTERING COIL READ INSIDE DIAMETER (H=1425mm)	REAR PRESSURE ROLL MAX UP	CENTER PRESSURE ROLL MAX UP	DROP HEAD PRESSURE ROLL MAX UP	PRESENCE PAPER
	E53.0	E53.1	E53.2	E53.3	E53.4	E53.5	E53.6	E53.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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Check	ALE
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

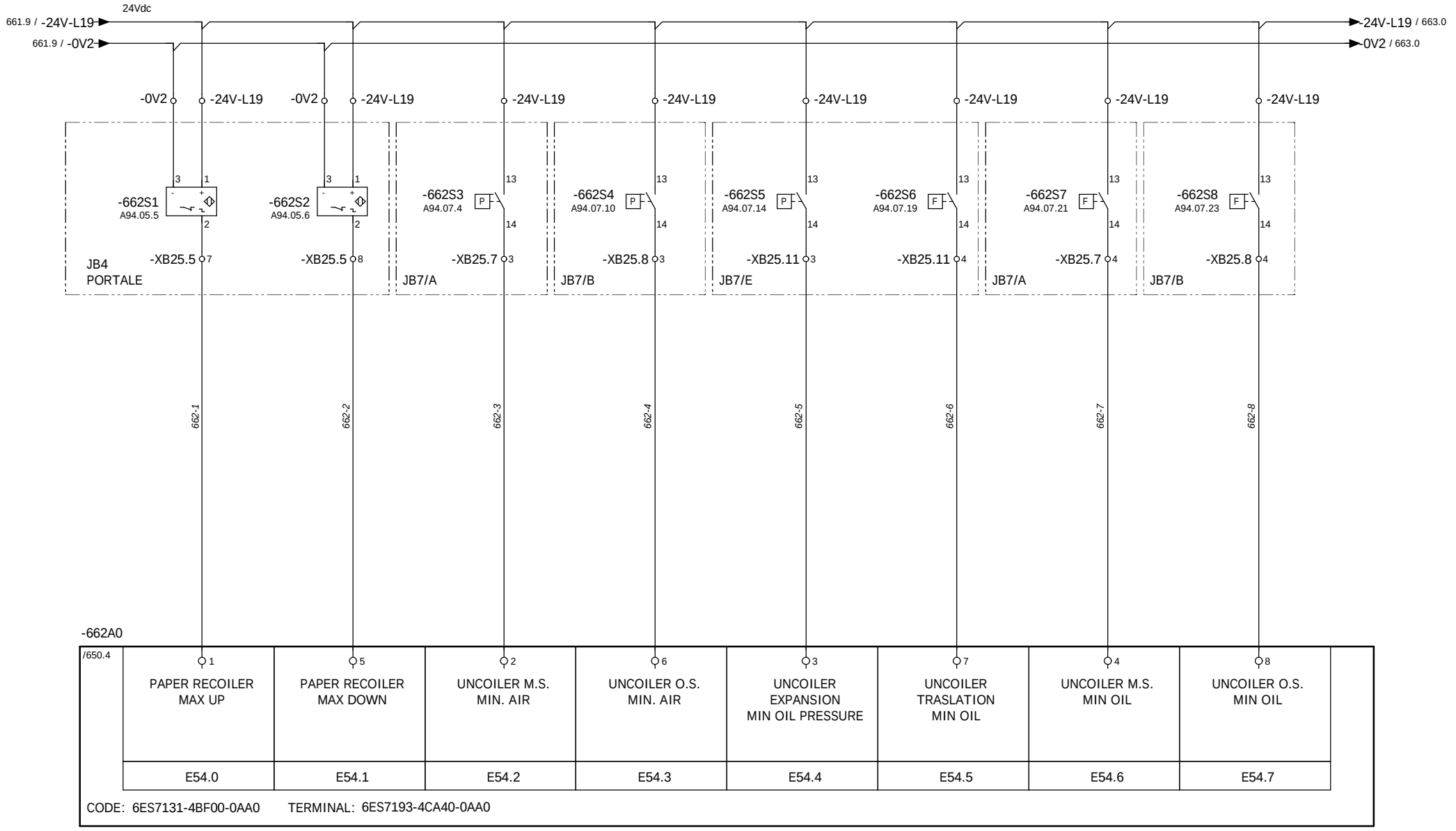
Job Nr.

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00	AS BUILT	06.05.2012	TPM

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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

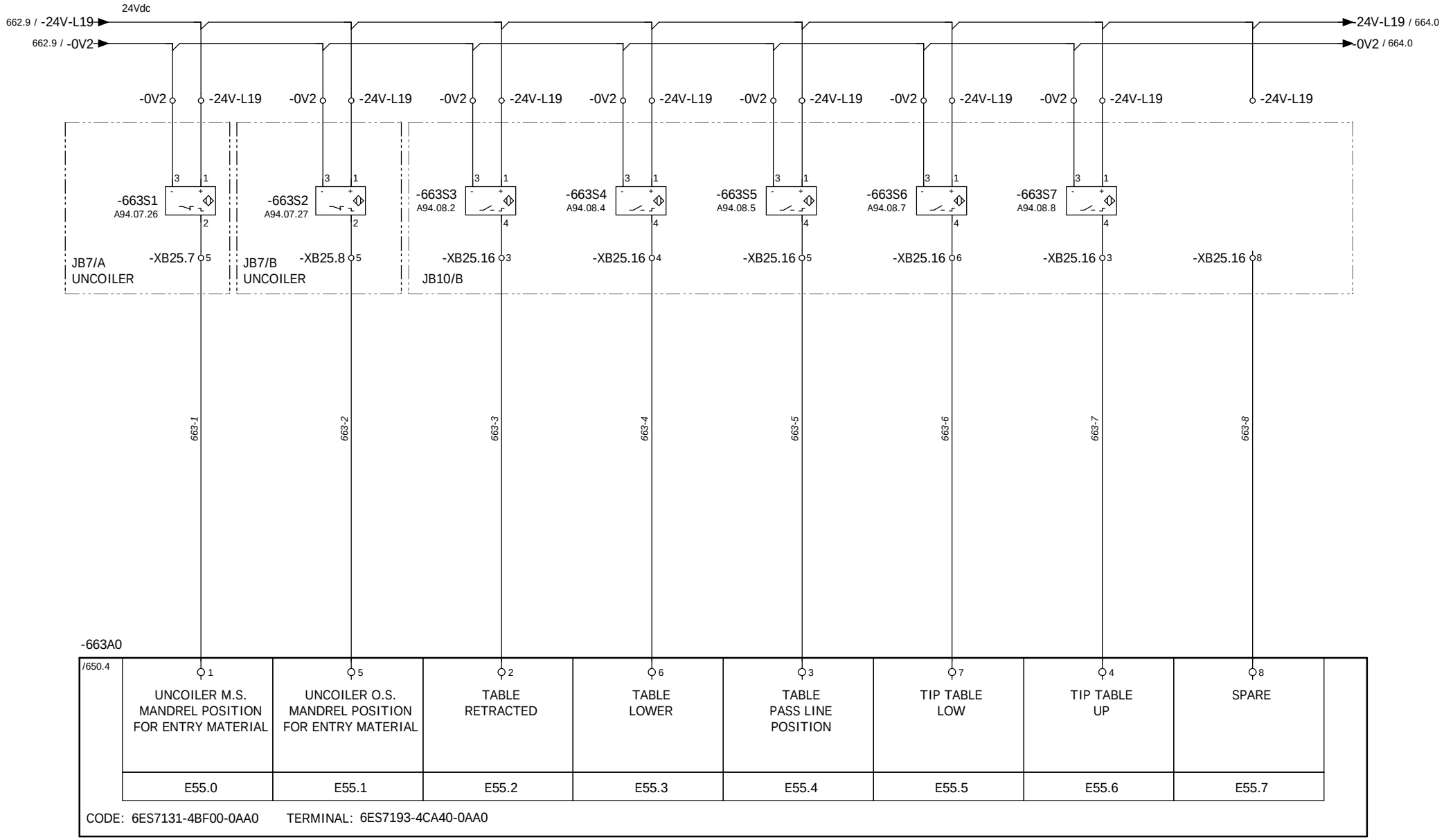
Dwg.Nr. A94

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+ **Q25**

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00	AS BUILT	06.05.2012	TPM

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Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

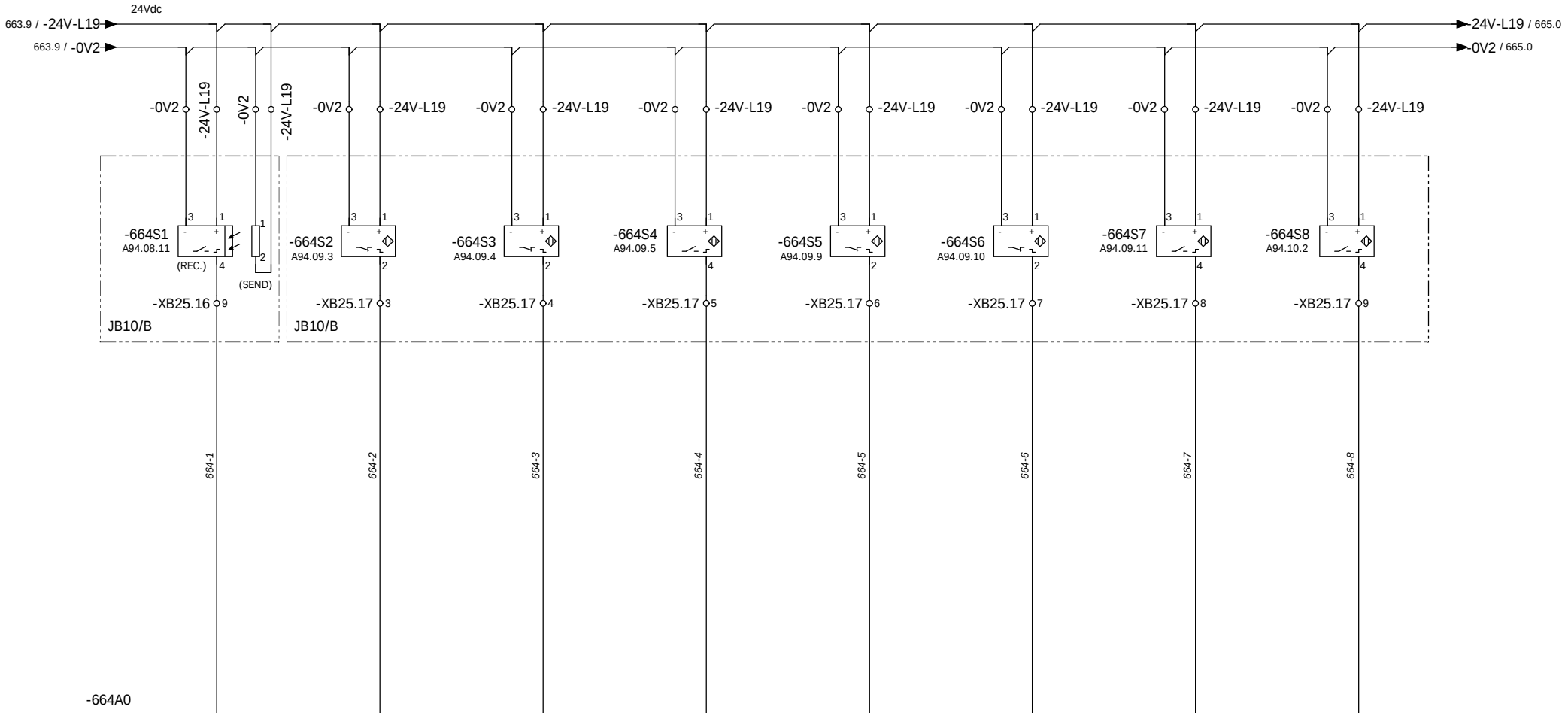
Dwg.Nr. A94

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+ **Q25**

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-664A0

/650.4

1	5	2	6	3	7	4	8
MATERIALE PRESENCE	CENTERING ROLL O.S. MAX OPEN	CENTERING ROLL O.S. MAX CLOSE	CENTERING ROLL O.S. EXCURSION WEAK	CENTERING ROLL M.S. MAX OPEN	CENTERING ROLL M.S. MAX CLOSE	CENTERING ROLL M.S. EXCURSION WEAK	ARM DEFLECTOR WORK POSITION
E56.0	E56.1	E56.2	E56.3	E56.4	E56.5	E56.6	E56.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

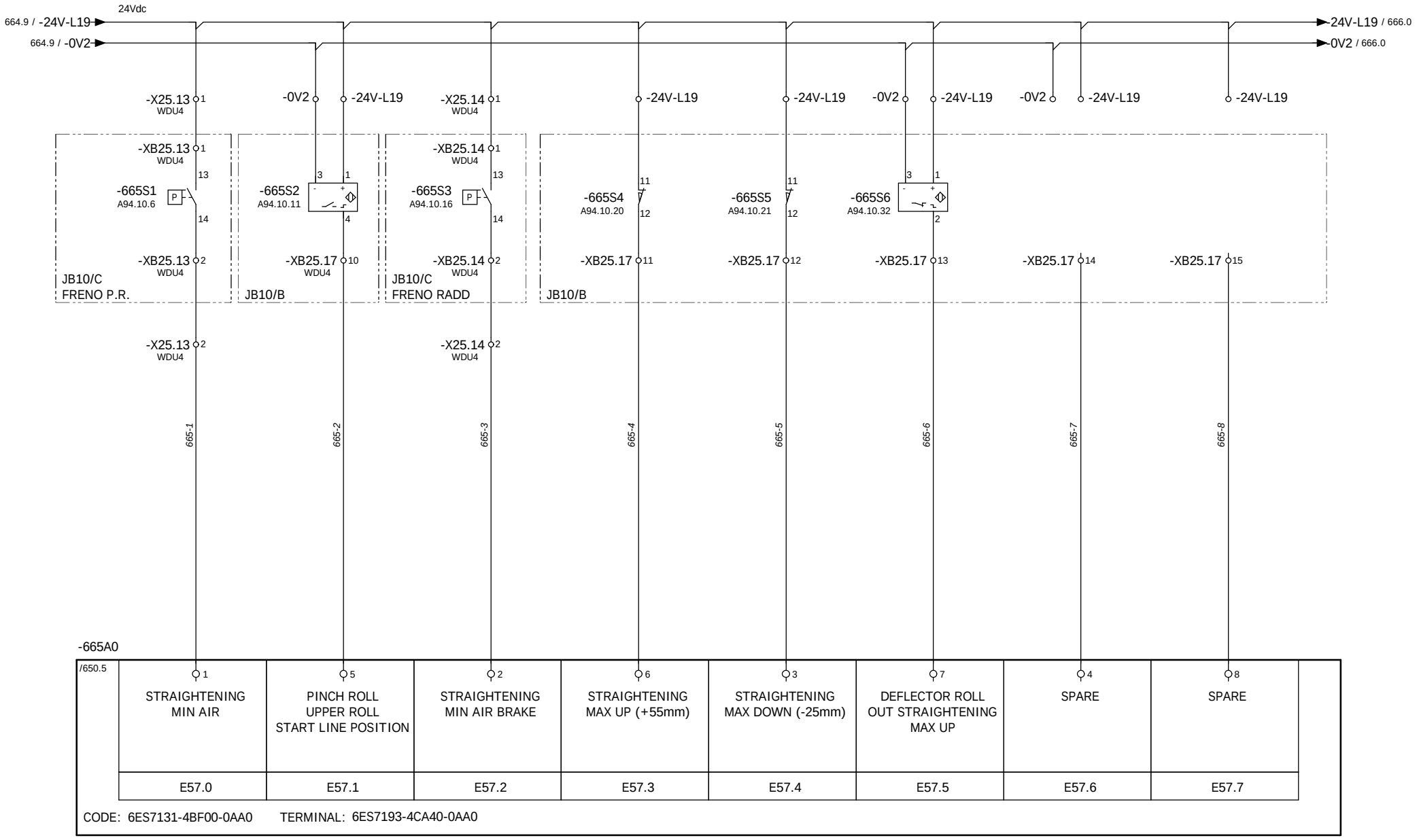
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+ **Q25**

Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

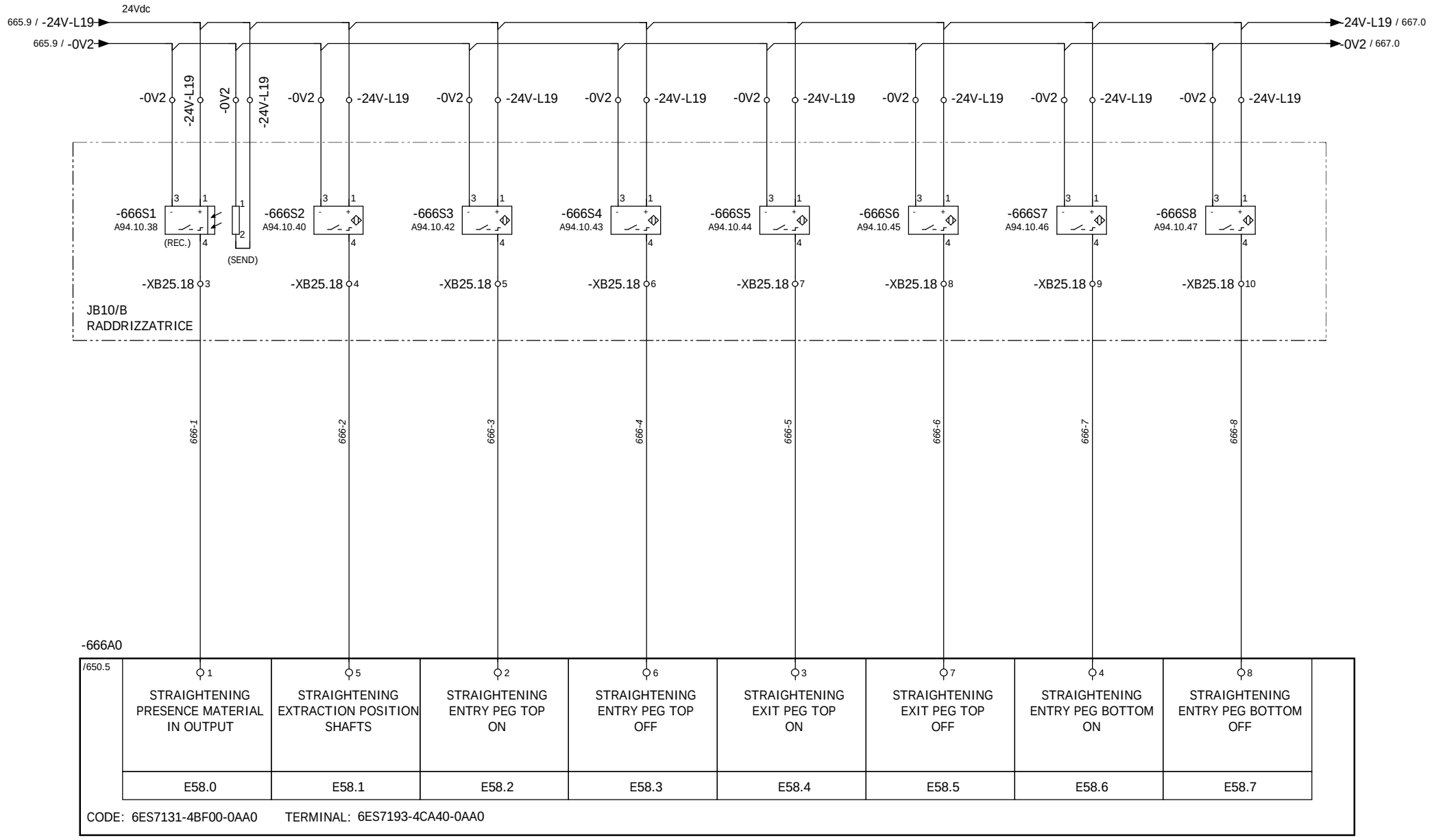
Dwg.Nr. A94

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+ **Q25**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

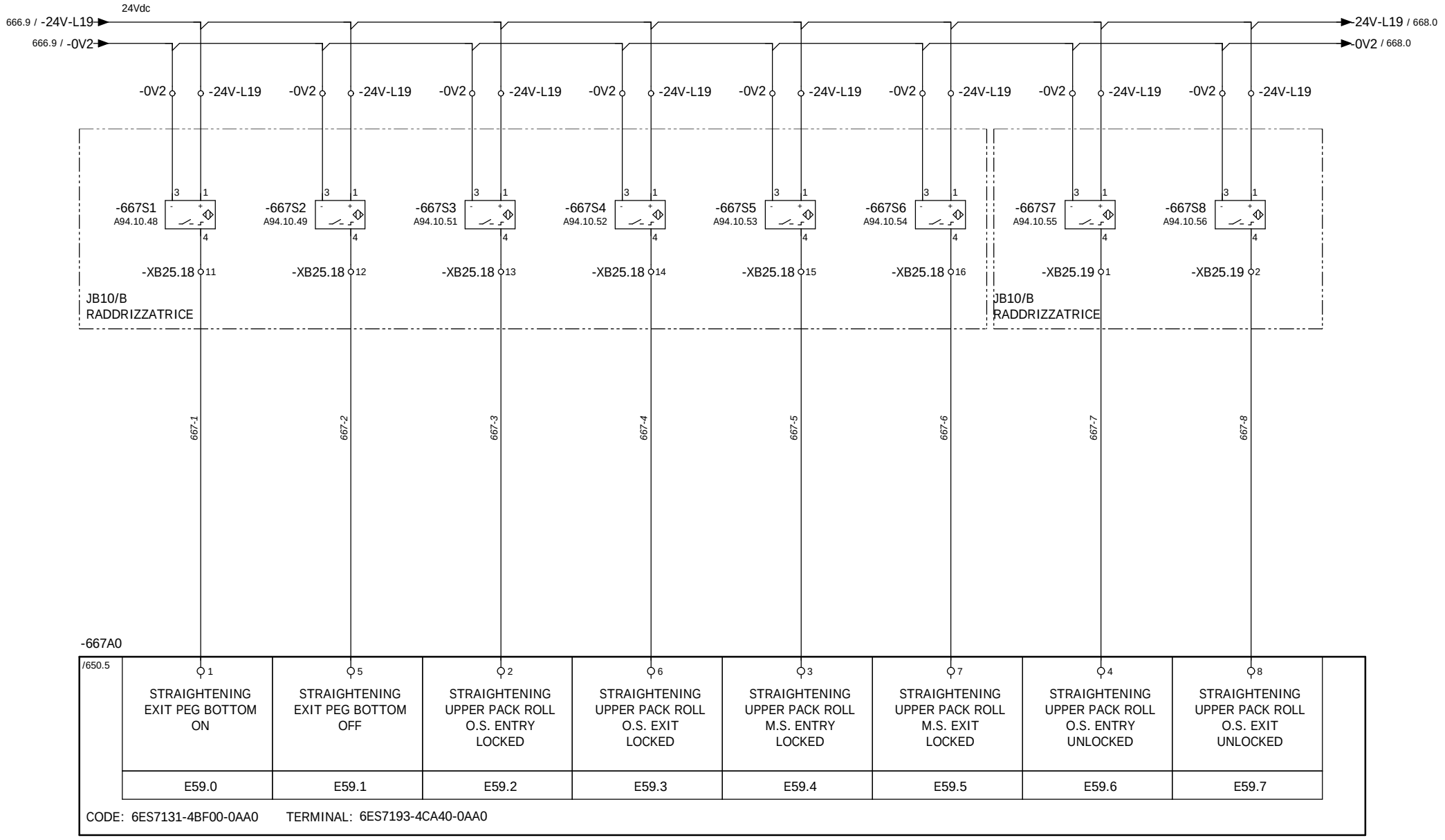
Dwg.Nr. A94

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+ **Q25**

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1	5	2	6	3	7	4	8
STRAIGHTENING EXIT PEG BOTTOM ON	STRAIGHTENING EXIT PEG BOTTOM OFF	STRAIGHTENING UPPER PACK ROLL O.S. ENTRY LOCKED	STRAIGHTENING UPPER PACK ROLL O.S. EXIT LOCKED	STRAIGHTENING UPPER PACK ROLL M.S. ENTRY LOCKED	STRAIGHTENING UPPER PACK ROLL M.S. EXIT LOCKED	STRAIGHTENING UPPER PACK ROLL O.S. ENTRY UNLOCKED	STRAIGHTENING UPPER PACK ROLL O.S. EXIT UNLOCKED
E59.0	E59.1	E59.2	E59.3	E59.4	E59.5	E59.6	E59.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

Rev.	Descript.	Date	Name
00	AS BUILT	06.05.2012	TPM

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NOVASTILMEC S.p.A. Coil Processing Equipment

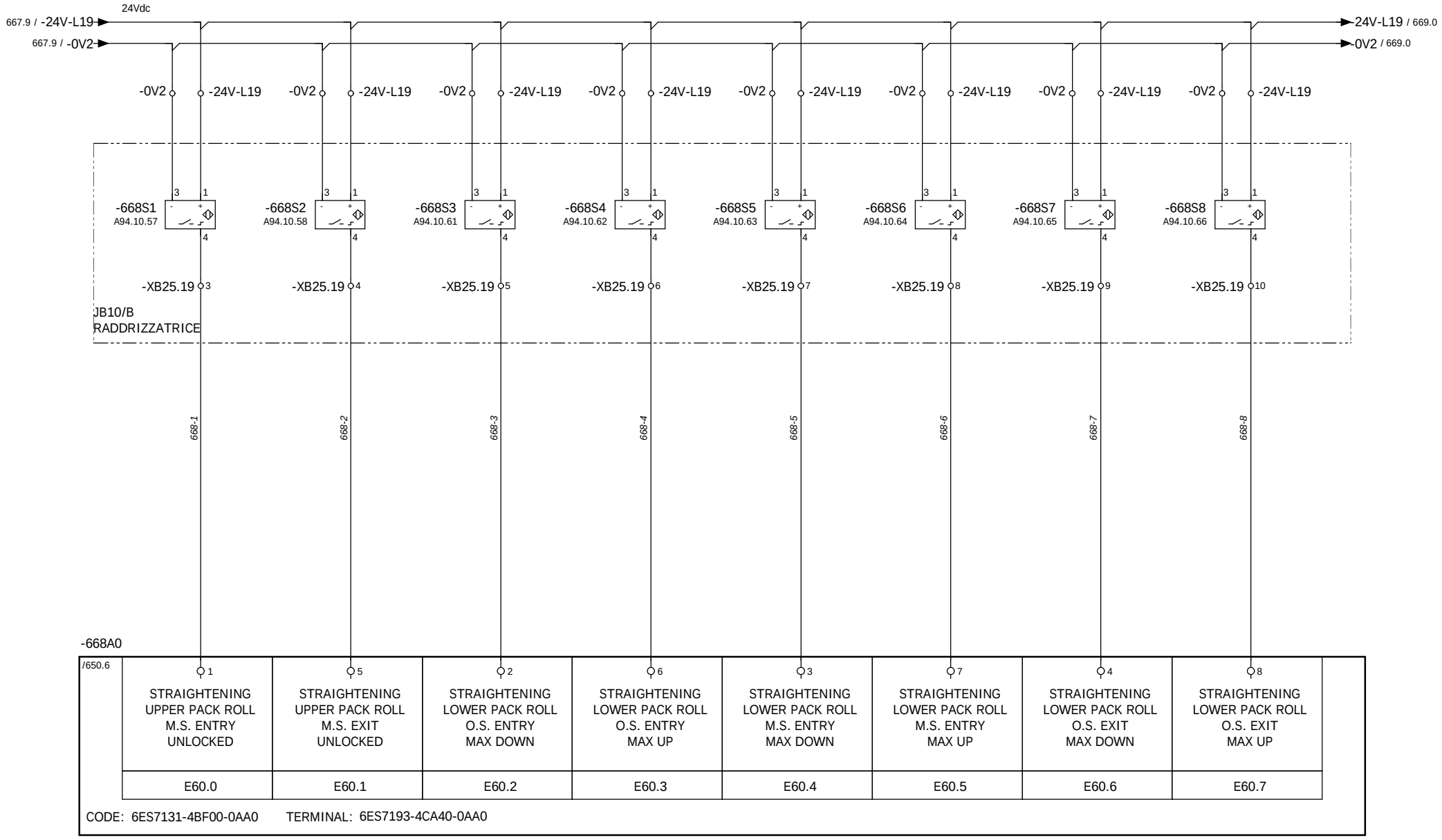
GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

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+ **Q25**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

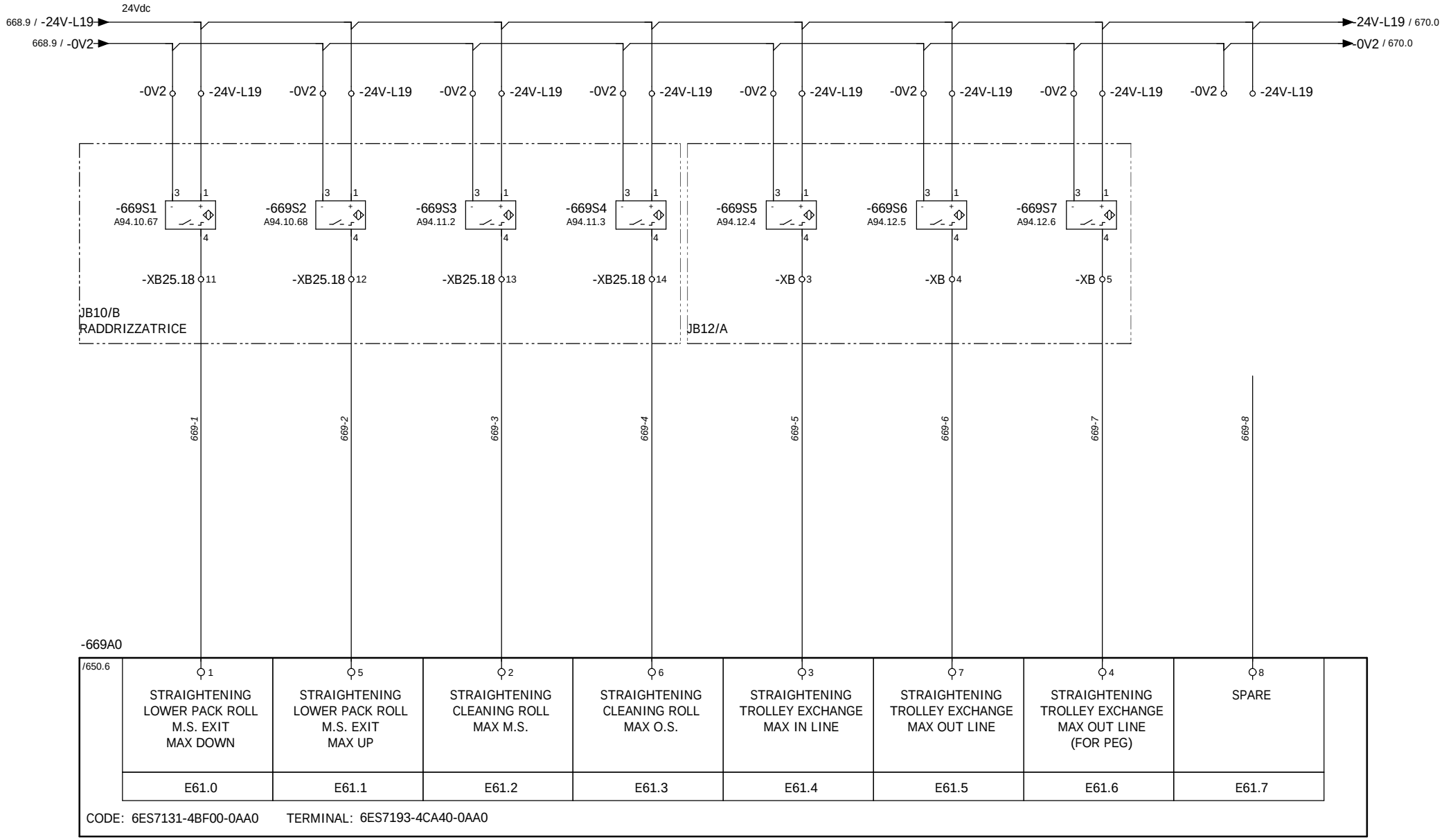
Dwg.Nr. A94

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+ **Q25**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

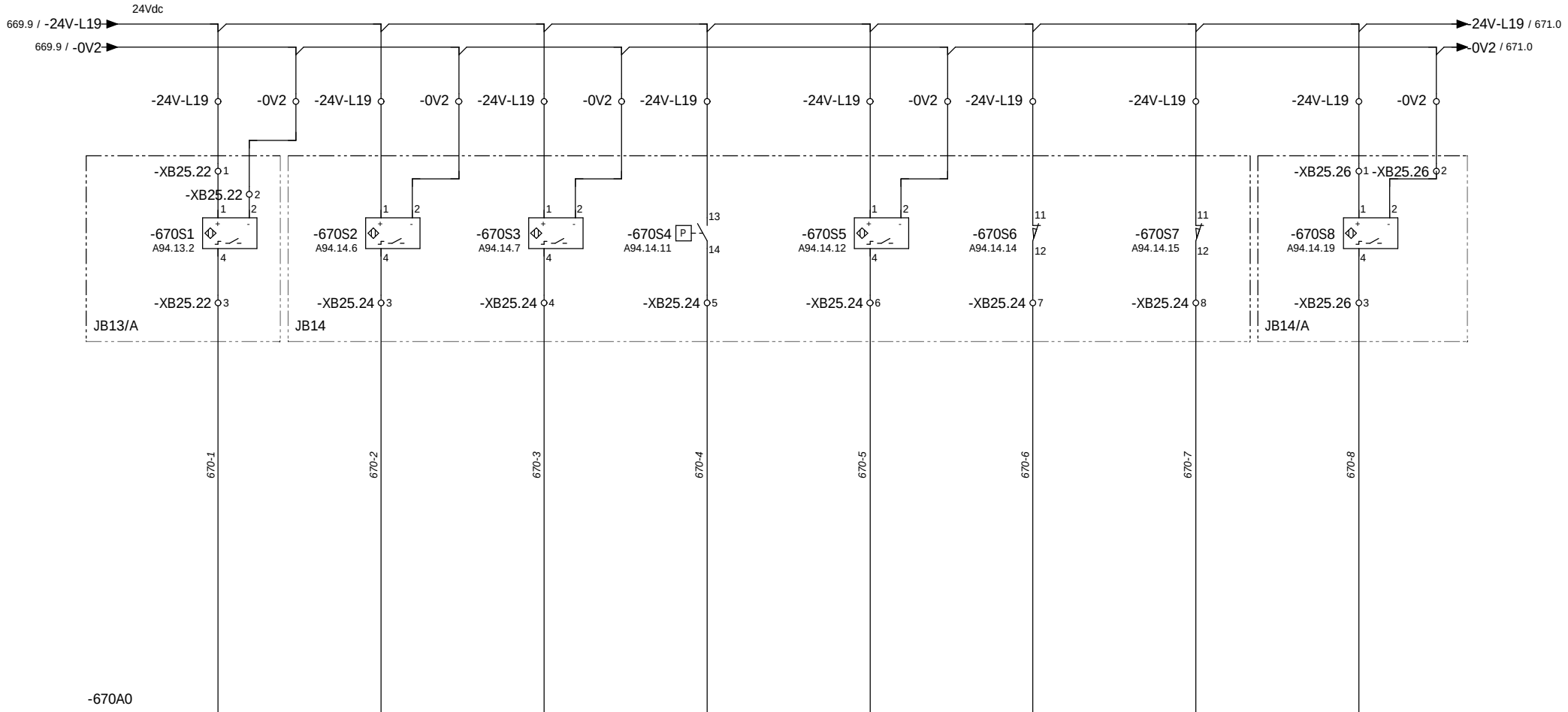
Dwg.Nr. A94

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+ **Q25**

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-670A0

/650.6

1	5	2	6	3	7	4	8
TABLE BETWEEN STRAIGHTENING AND CROPPER SHEAR	CROPPER SHEAR MAX UP (BLADE CLOSE)	CROPPER SHEAR MAX DOWN (BLADE OPEND)	premilamiera PRESSURE OK FOR CUT	premilamiera MAX DOWN	CROPPER SHEAR BLADE MAX OPEN	CROPPER SHEAR BLADE MAX CLOSE	SCRAPS CARRIAGE MAX M.S.
E62.0	E62.1	E62.2	E62.3	E62.4	E62.5	E62.6	E62.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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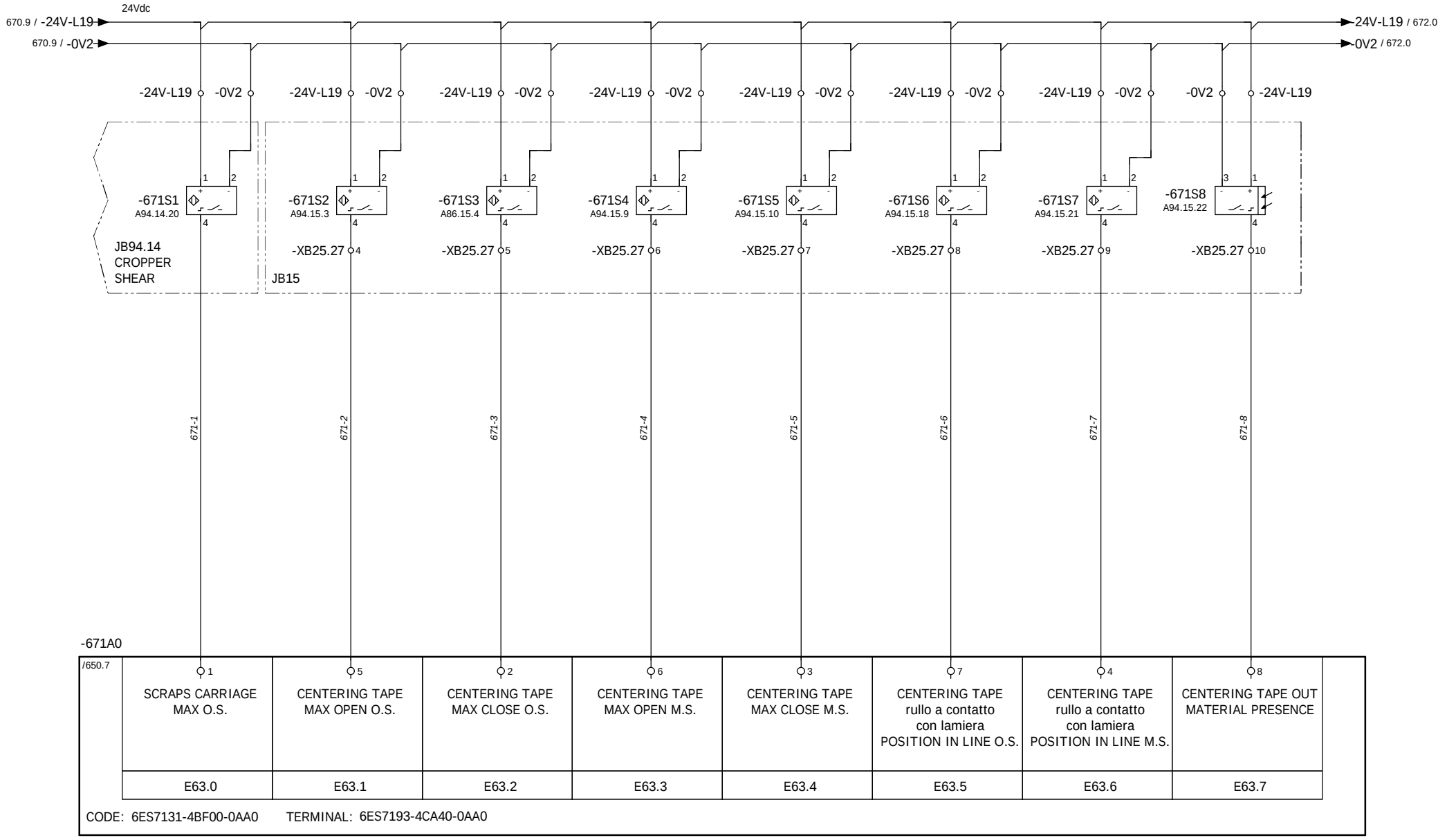
+ **Q25**

Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

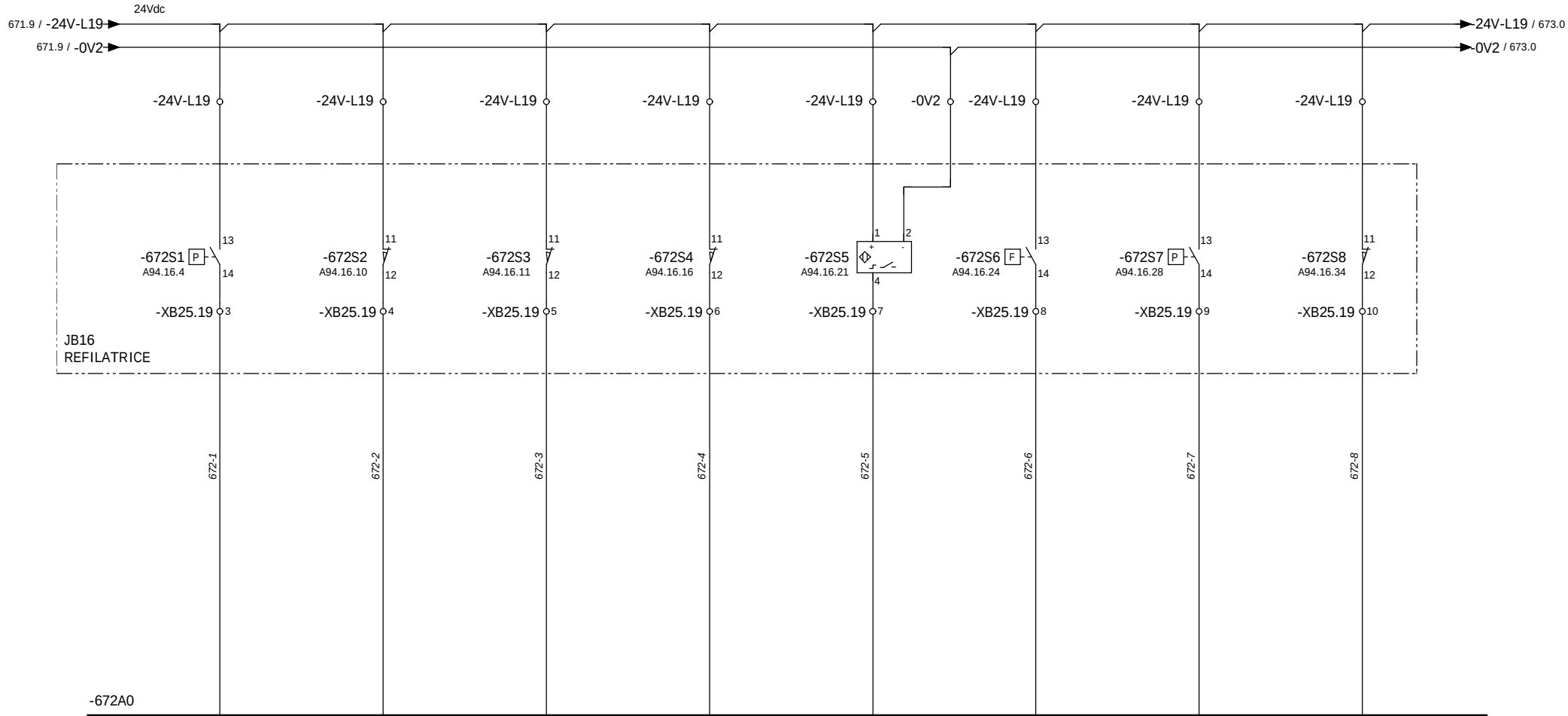
Dwg.Nr. A94

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+ **Q25**

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-672A0

/650.7

1	5	2	6	3	7	4	8
TRIMMING SHEAR O.S. MIN AIR PRESSURE	TRIMMING SHEAR O.S. HEAD MAX OPEN	TRIMMING SHEAR O.S. HEAD MAX CLOSE	TRIMMING SHEAR O.S. BLADE POSITION MINIMUM PENETRATION	TRIMMING SHEAR O.S. BLADE POSITION MINIMUM GAP	TRIMMING SHEAR O.S. HEAD OIL OK	TRIMMING SHEAR M.S. MIN AIR PRESSURE	TRIMMING SHEAR M.S. HEAD MAX OPEN
E64.0	E64.1	E64.2	E64.3	E64.4	E64.5	E64.6	E64.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

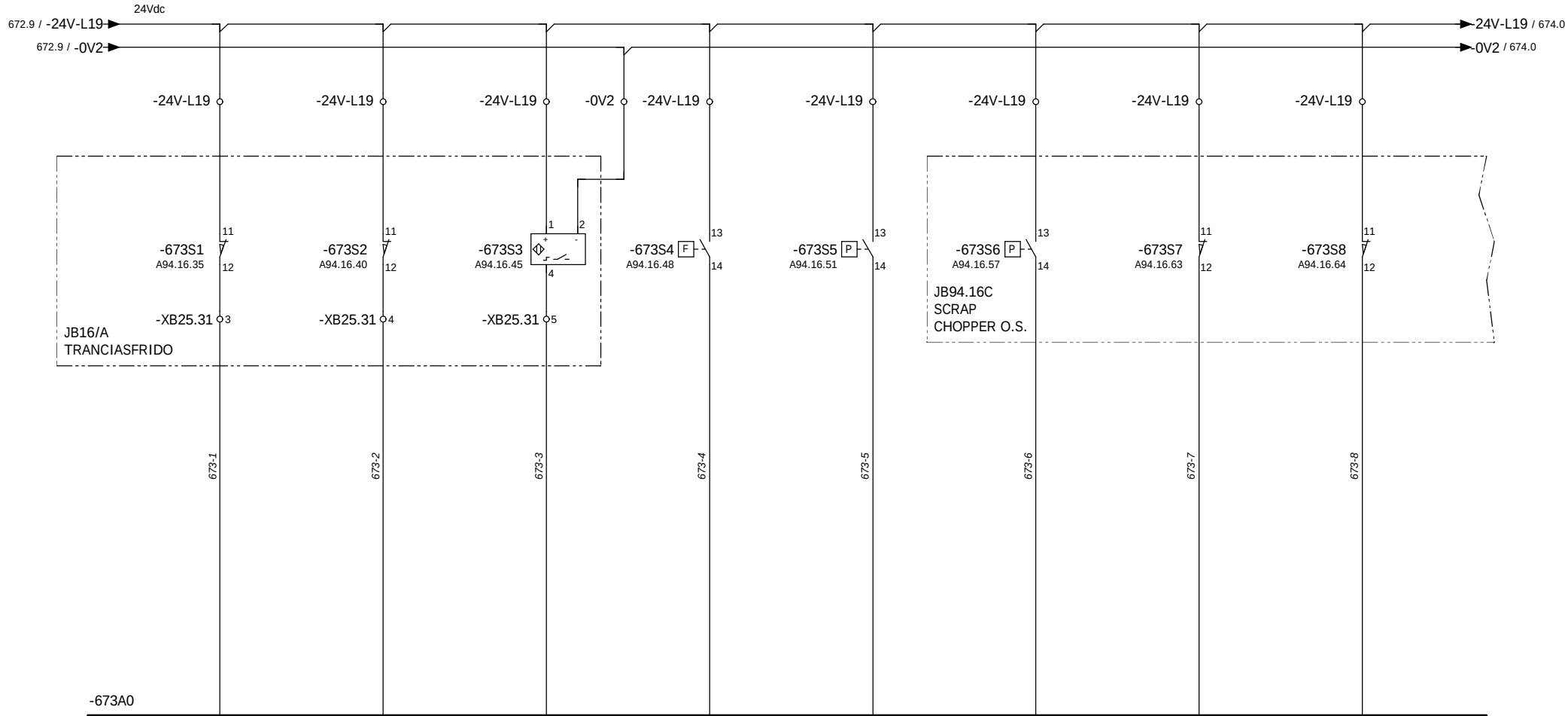
Job Nr.

Dwg.Nr. A94

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+ **Q25**

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-673A0

/650.7	1	5	2	6	3	7	4	8
	TRIMMING SHEAR M.S. HEAD MAX CLOSE	TRIMMING SHEAR M.S. BLADE POSITION MINIMUM PENETRATION	TRIMMING SHEAR M.S. BLADE POSITION MINIMUM GAP	TRIMMING SHEAR M.S. HEAD OIL OK	TRIMMING SHEAR OIL PRESSURE BLOCK HEADS M.S. / O.S.	SCRAP CHOPPER O.S. MIN PRESSURE AIR BRAKE	SCRAP CHOPPER O.S. HEAD MAX OPEN	SCRAP CHOPPER O.S. HEAD MAX CLOSE
	E65.0	E65.1	E65.2	E65.3	E65.4	E65.5	E65.6	E65.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

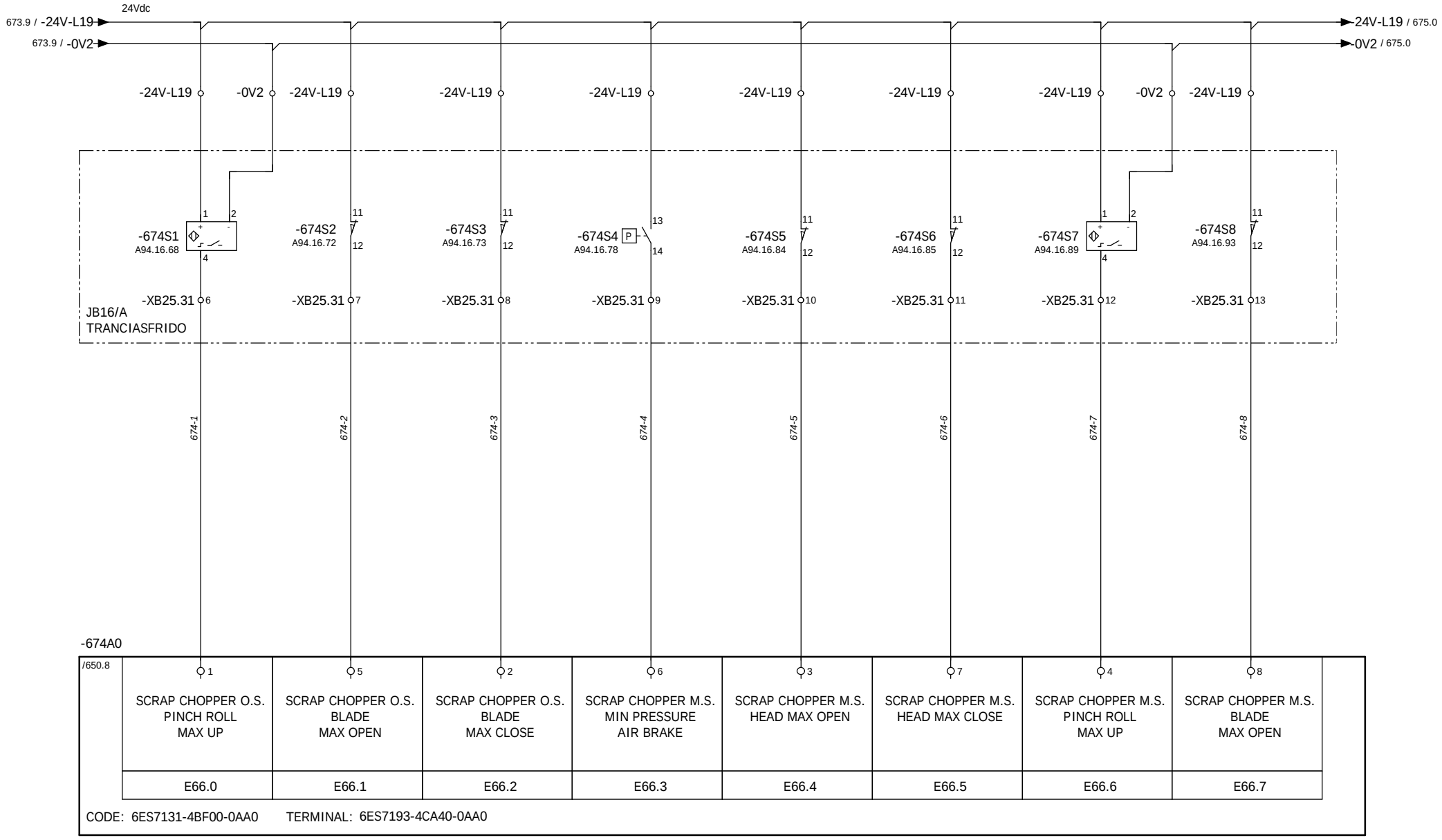
Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

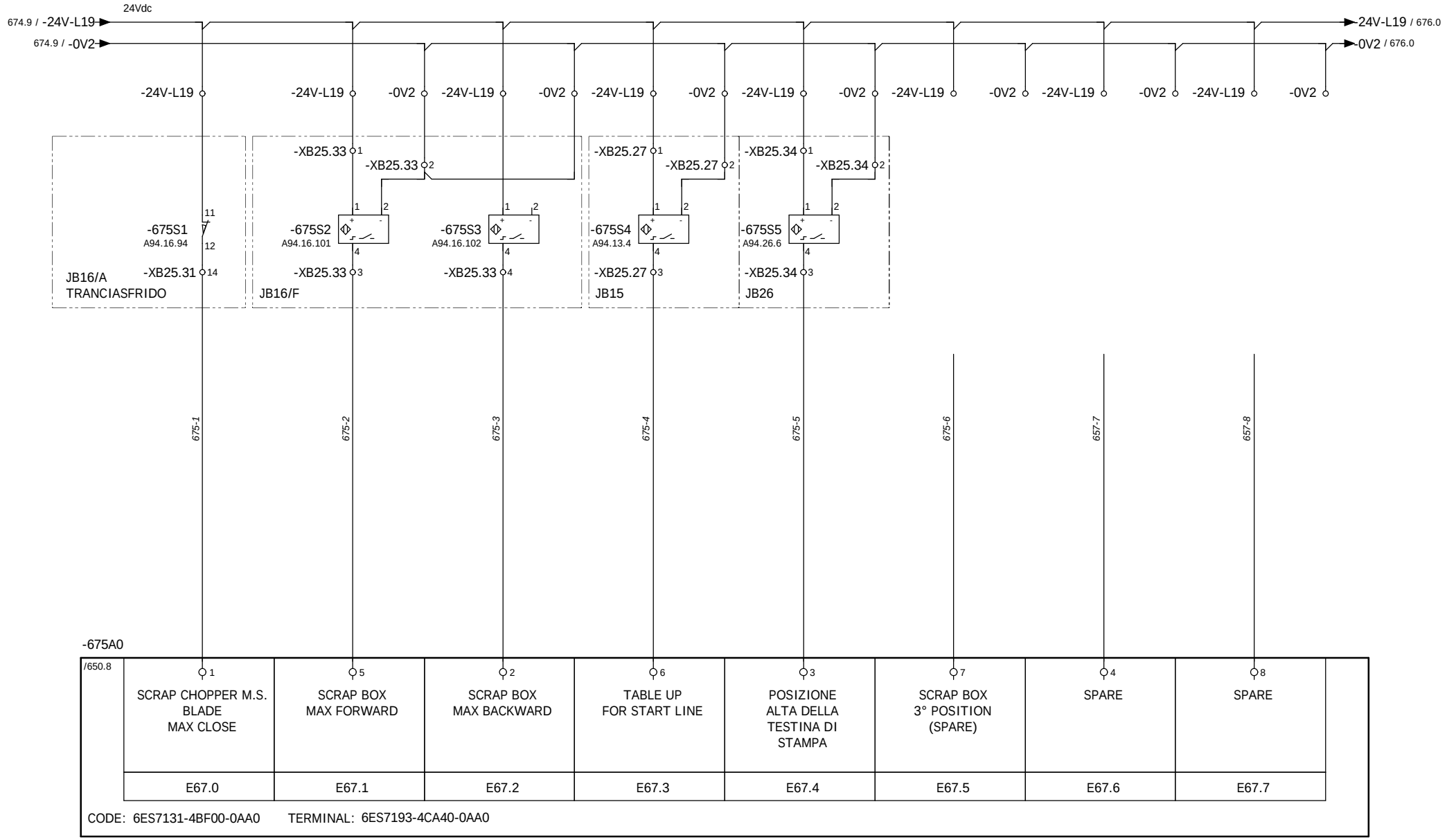
Dwg.Nr. A94

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

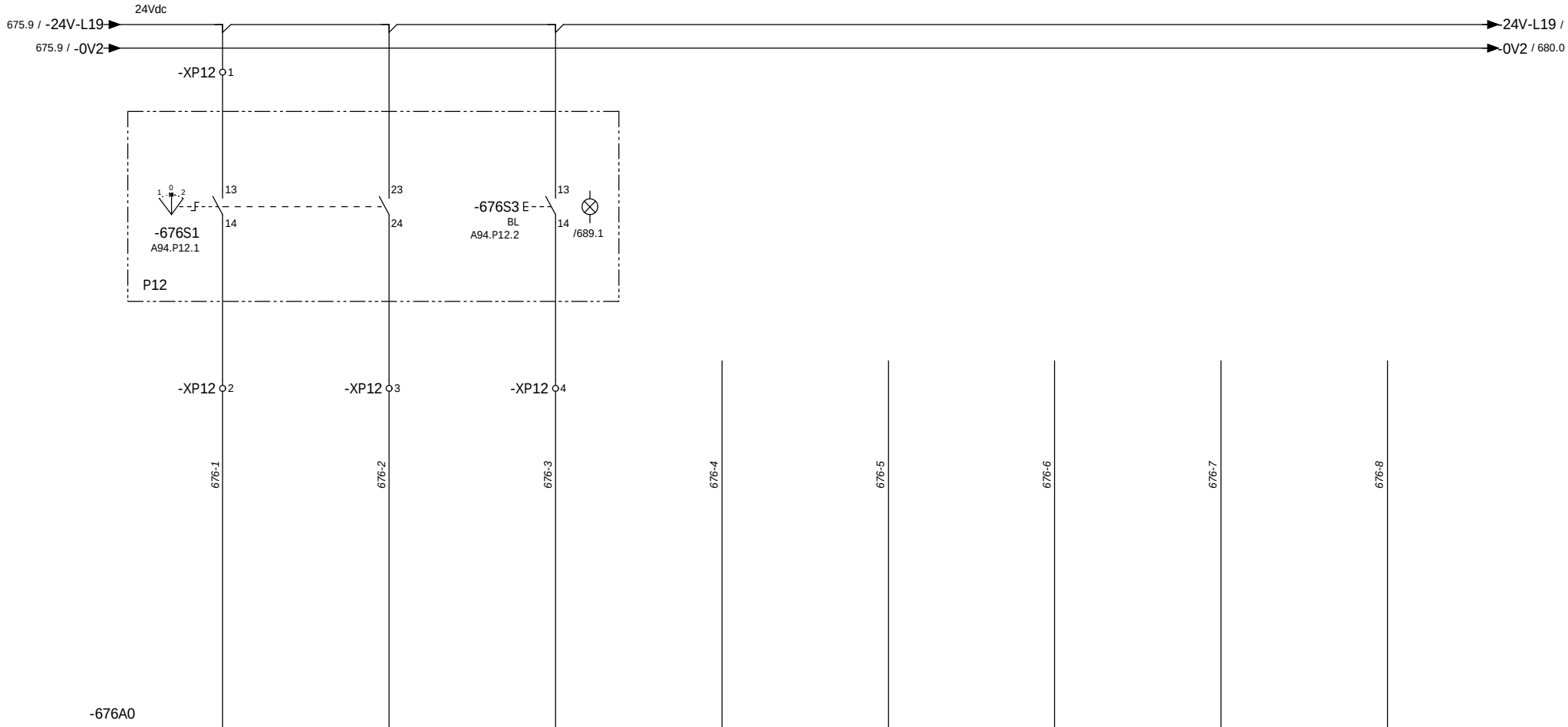
Dwg.Nr. A94

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+ **Q25**

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1	5	2	6	3	7	4	8
movimento orizzontale dispositivo aggancio bancata raddrizzatrice per estrazione	movimento orizzontale dispositivo aggancio bancata raddrizzatrice per introduzione	ENABLE MOVEMENT	SPARE	SPARE	SPARE	SPARE	SPARE
E68.0	E68.1	E68.2	E68.3	E68.4	E68.5	E68.6	E68.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

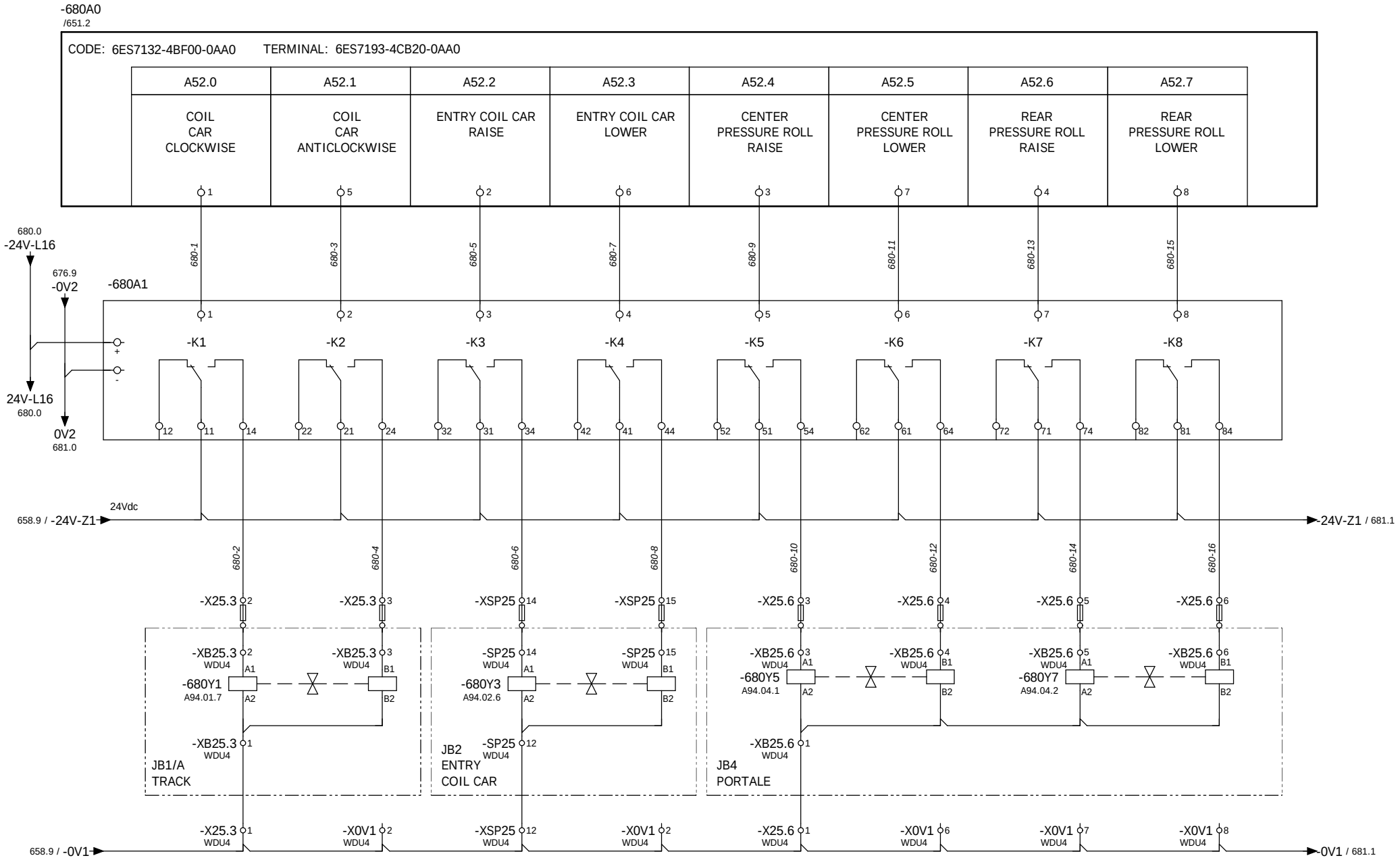
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+ **Q25**

Job Nr.

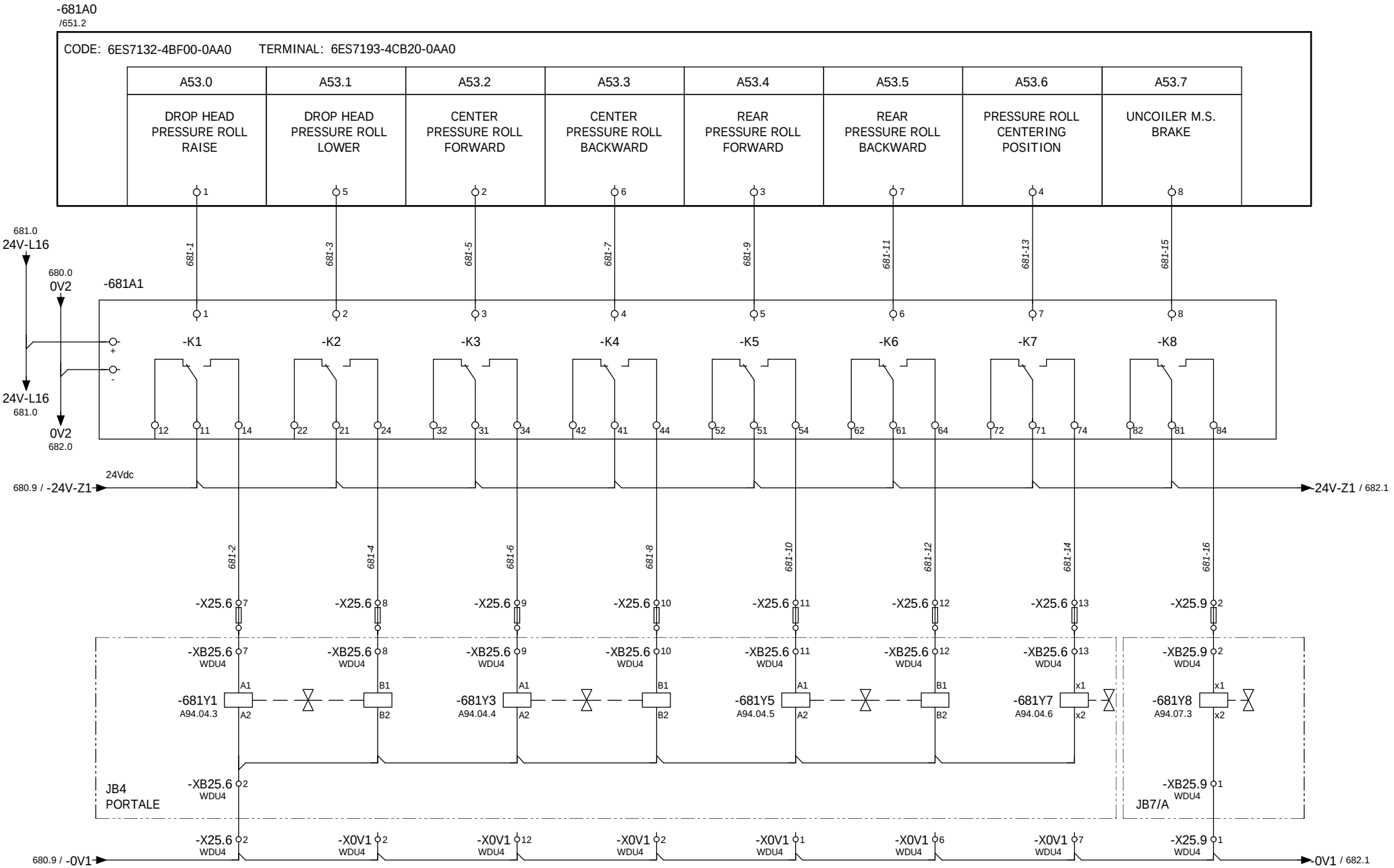
Dwg.Nr. A94

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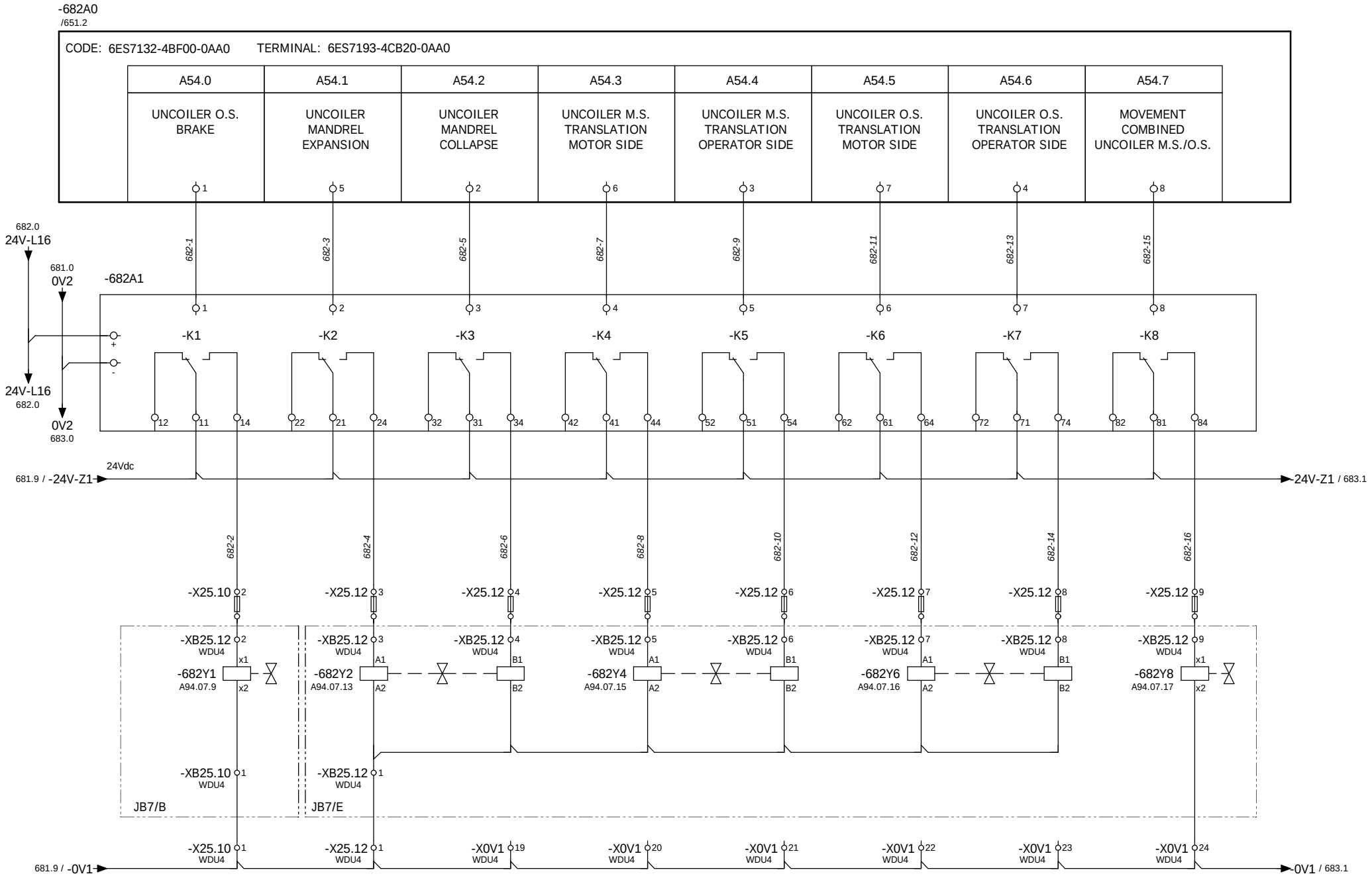
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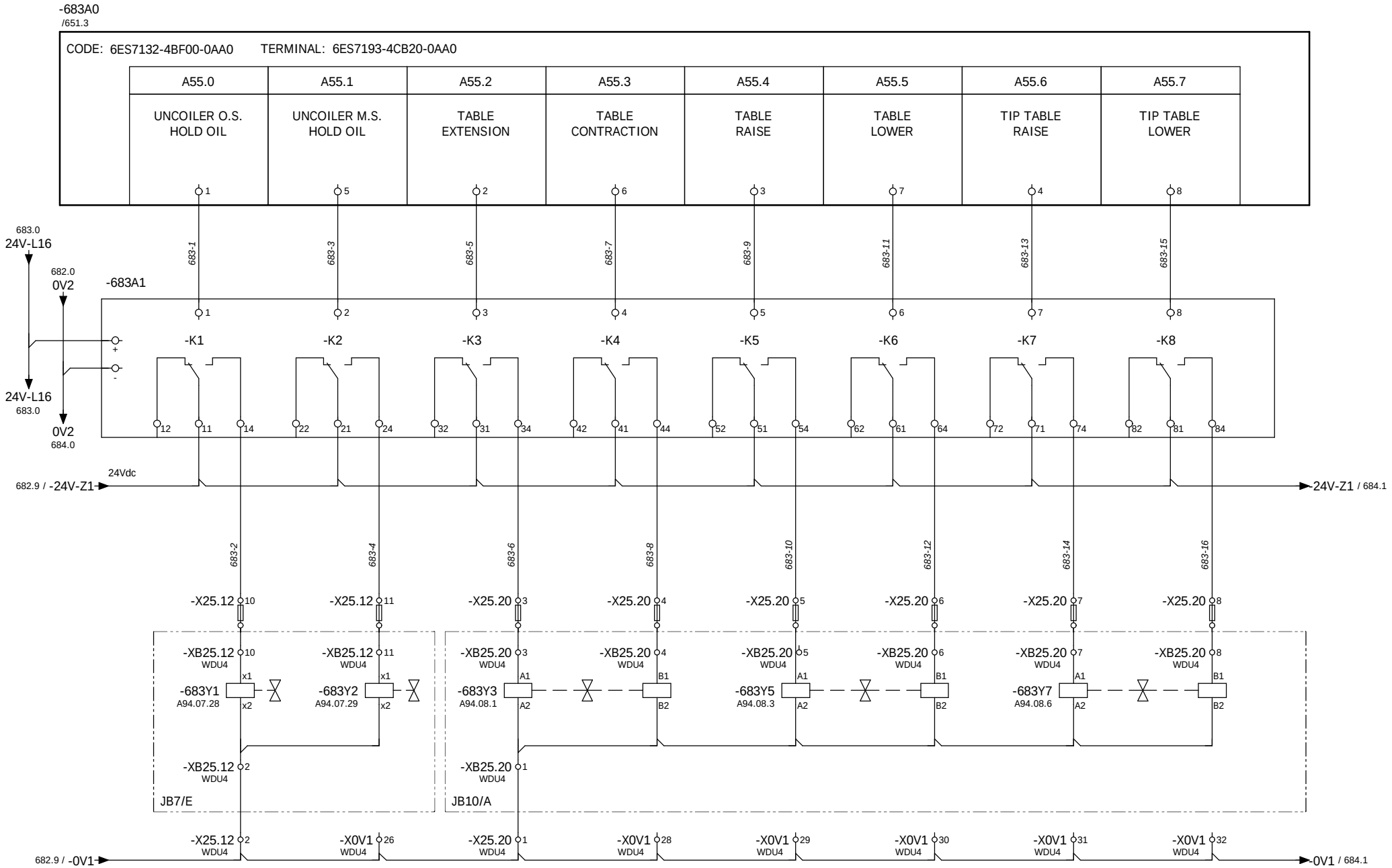
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				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **680**
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				Drawn	TPM					+ Q25
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 681
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ Q25
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 682
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUTS

Descript.

NOVASTILMEC A94

Job Nr.

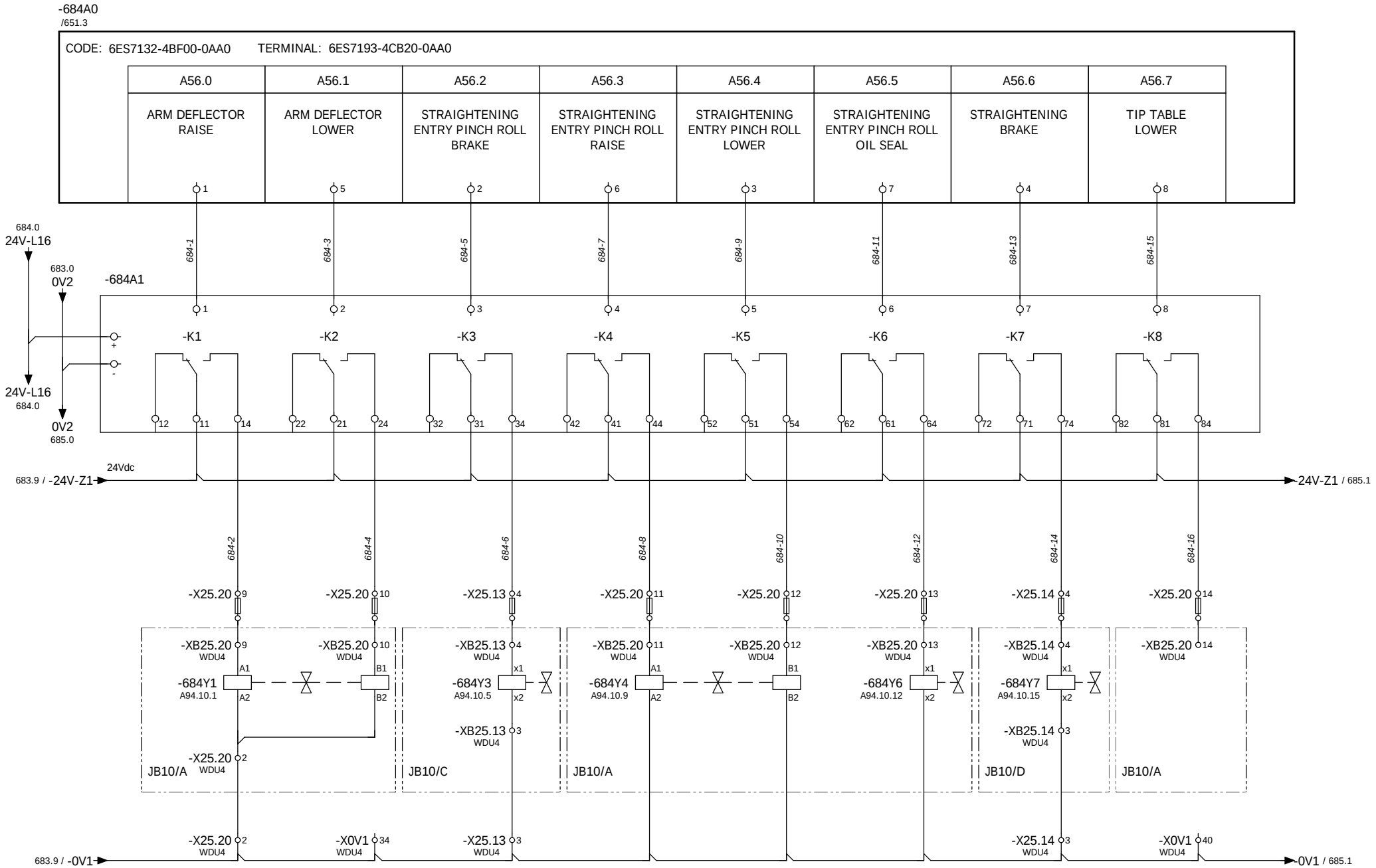
Dwg.Nr. A94

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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUTS

Descript.

NOVASTILMEC A94

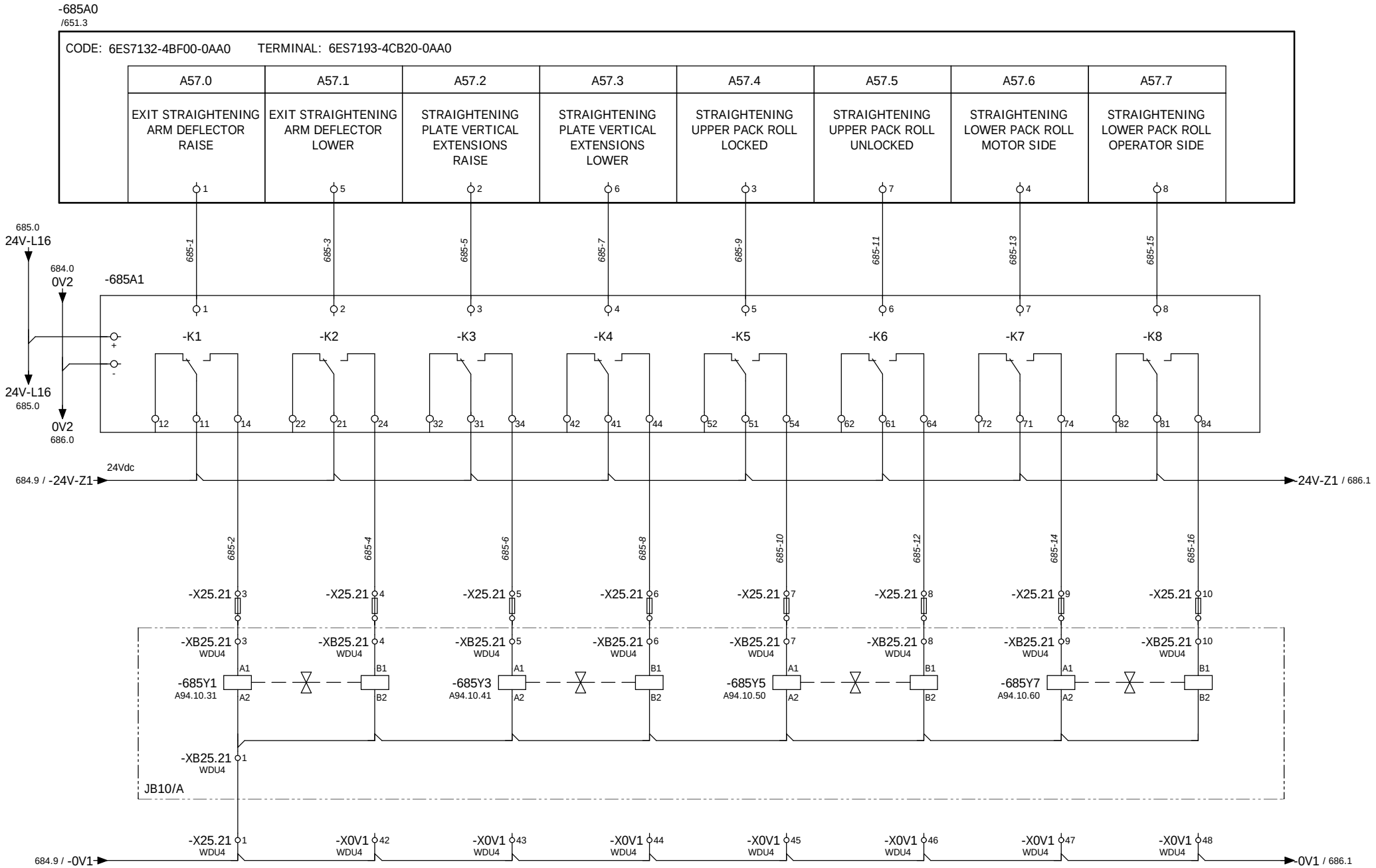
Job Nr.

Dwg.Nr. A94

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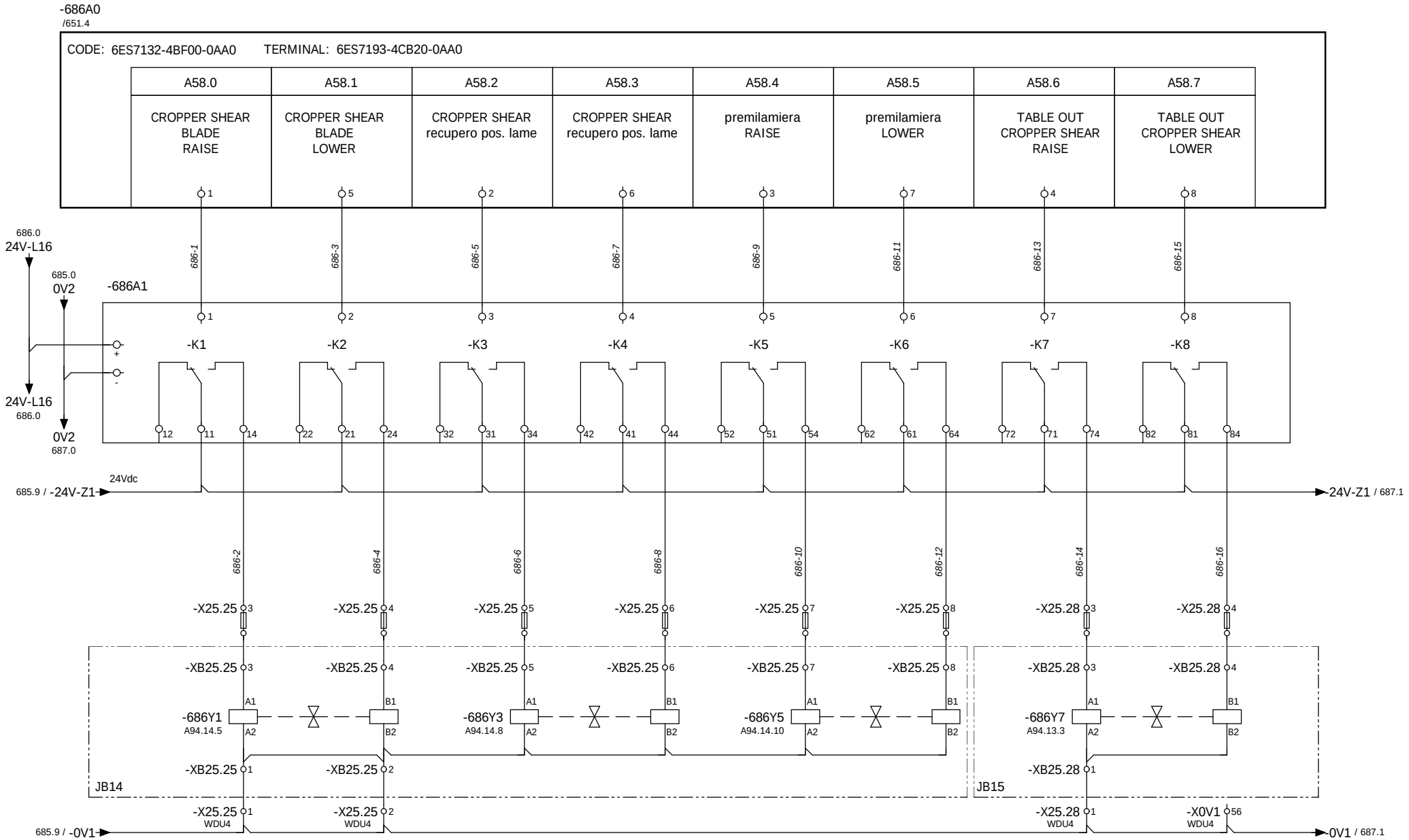
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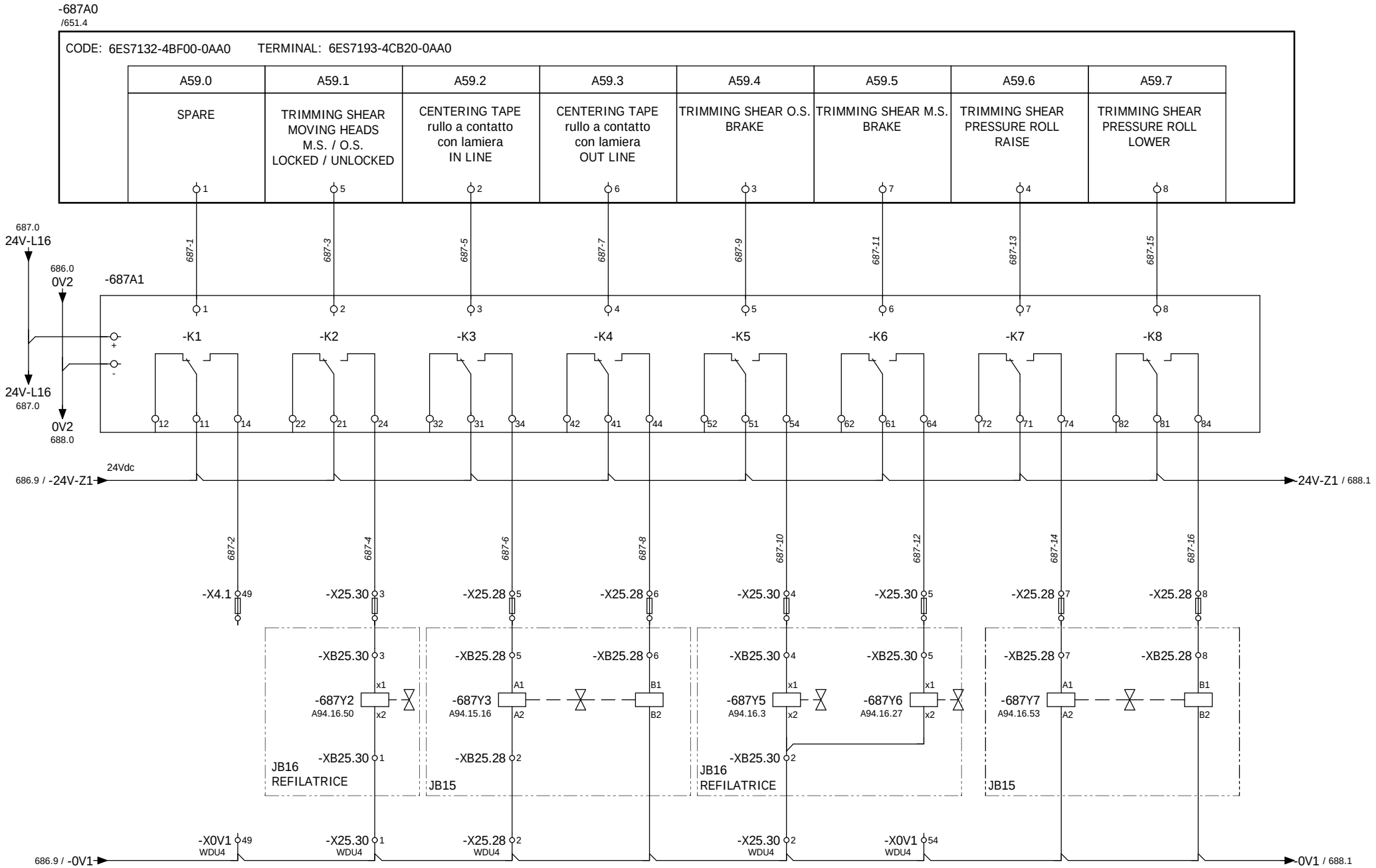


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				Drawn	TPM				
				Check	ALE				
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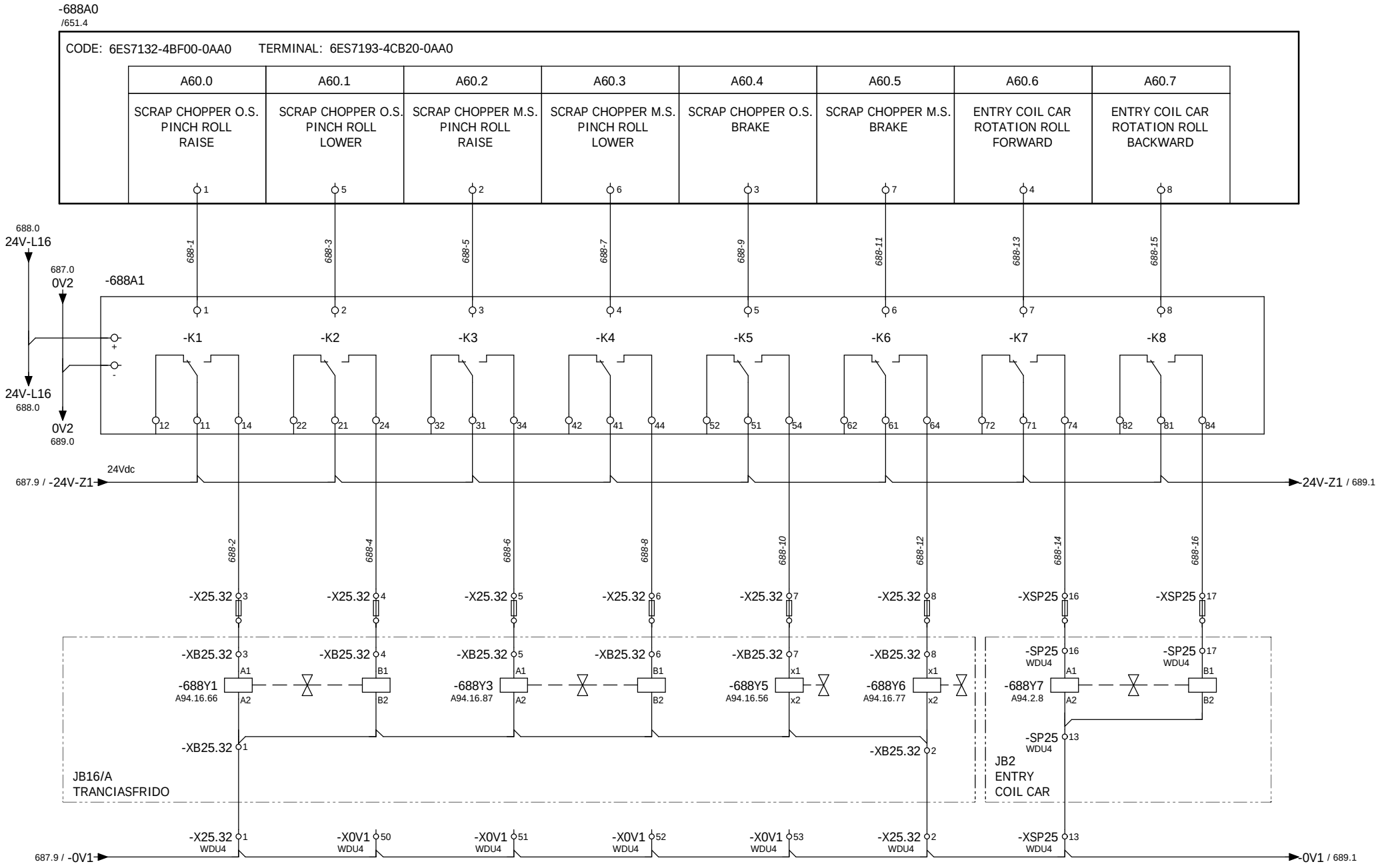


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				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **686**
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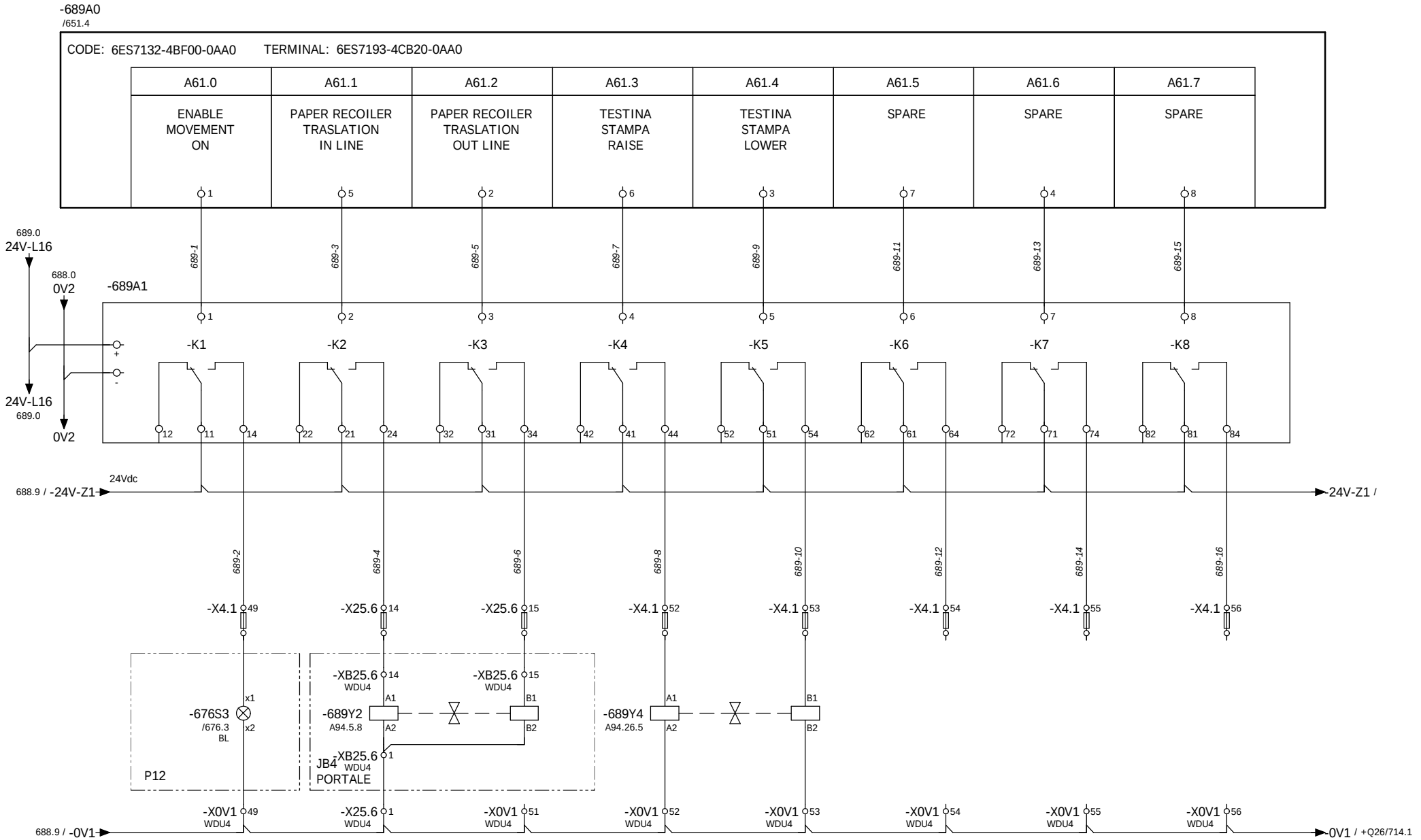


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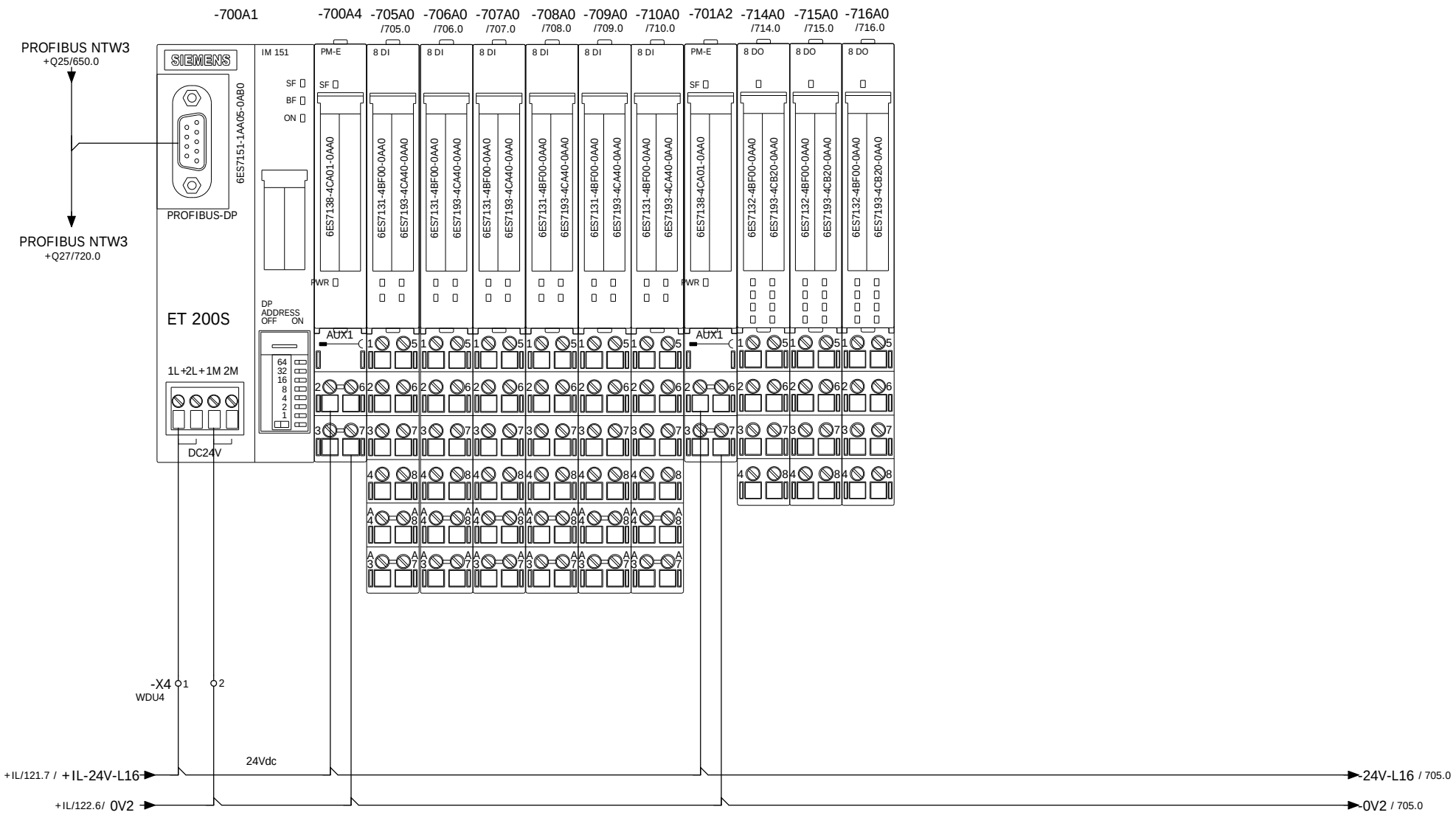
= A94			
+ **Q25**			
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				Drawn	TPM					+ Q25
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page 688
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **Q25**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **689**
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
JB LEVELLER 1

Descript.

NOVASTILMEC A94

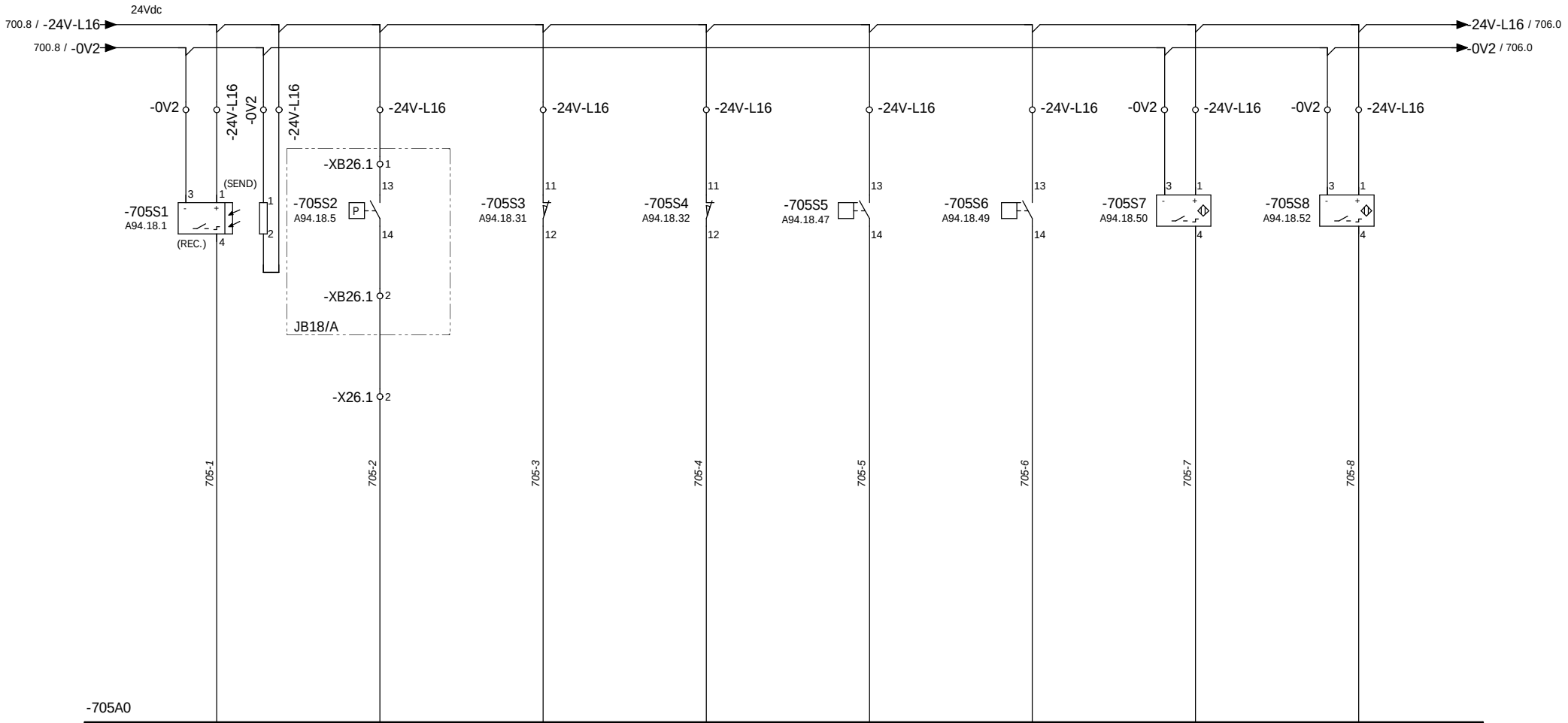
= A94
+ **Q26**

Job Nr.

Dwg.Nr. A94

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-705A0

/700.2	1	5	2	6	3	7	4	8
	MATERIAL PRESENCE ENTRY LEVELLER 1	LEVELLER 1 BRAKE MIN. AIR PRESSURE	LEVELLER 1 MAX UP (+45mm)	LEVELLER 1 MAX DOWN (-15mm)	LEVELLER 1 LUBRICATION PRESENCE OIL CARDAN SHAFT	LEVELLER 1 LUBRICATION PRESENCE OIL PUMP	LEVELLER 1 CARDAN SHAFT EXTRACTION POSITION	LEVELLER 1 CARDAN SHAFT SUPPORT PLATE MAX UP
	E76.0	E76.1	E76.2	E76.3	E76.4	E76.5	E76.6	E76.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

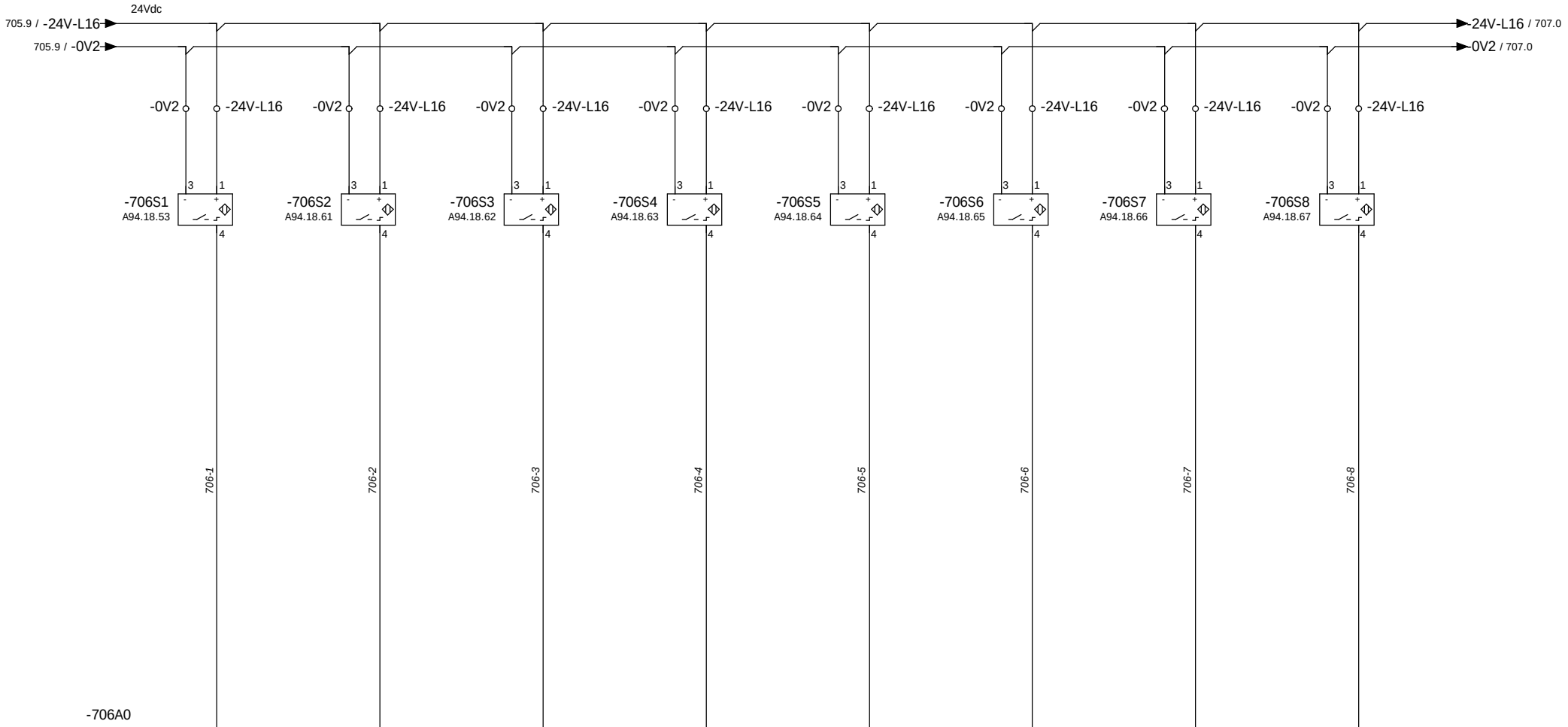
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+ **Q26**

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Follow 706



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	LEVELLER 1 CARDAN SHAFT SUPPORT PLATE MAX DOWN	LEVELLER 1 LOOK PACK ROLL O.S. ENTRY	LEVELLER 1 LOOK PACK ROLL O.S. EXIT	LEVELLER 1 LOOK PACK ROLL M.S. ENTRY	LEVELLER 1 LOOK PACK ROLL M.S. EXIT	LEVELLER 1 UNLOOK PACK ROLL O.S. ENTRY	LEVELLER 1 UNLOOK PACK ROLL O.S. EXIT	LEVELLER 1 UNLOOK PACK ROLL M.S. ENTRY
	E77.0	E77.1	E77.2	E77.3	E77.4	E77.5	E77.6	E77.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

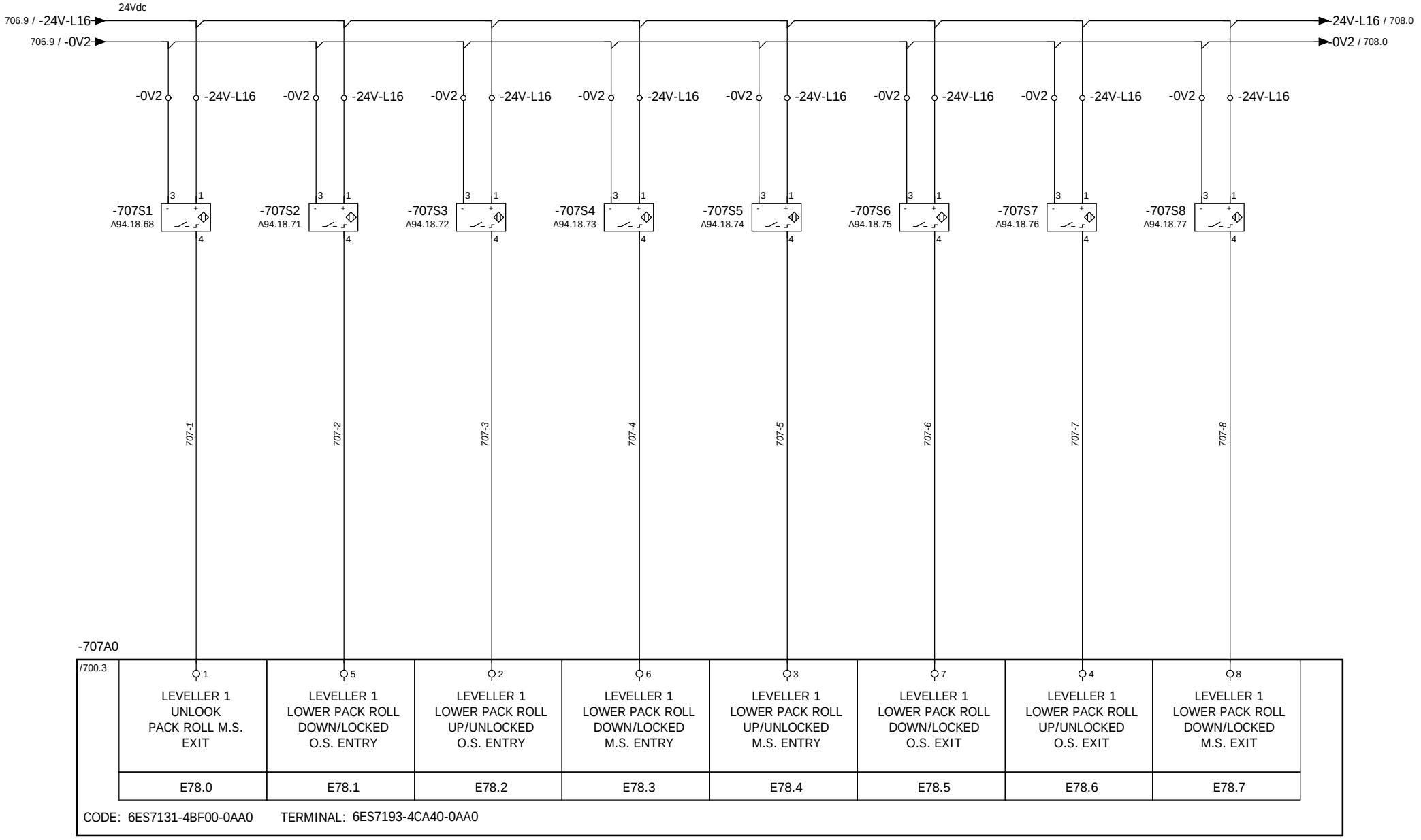
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+ **Q26**

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

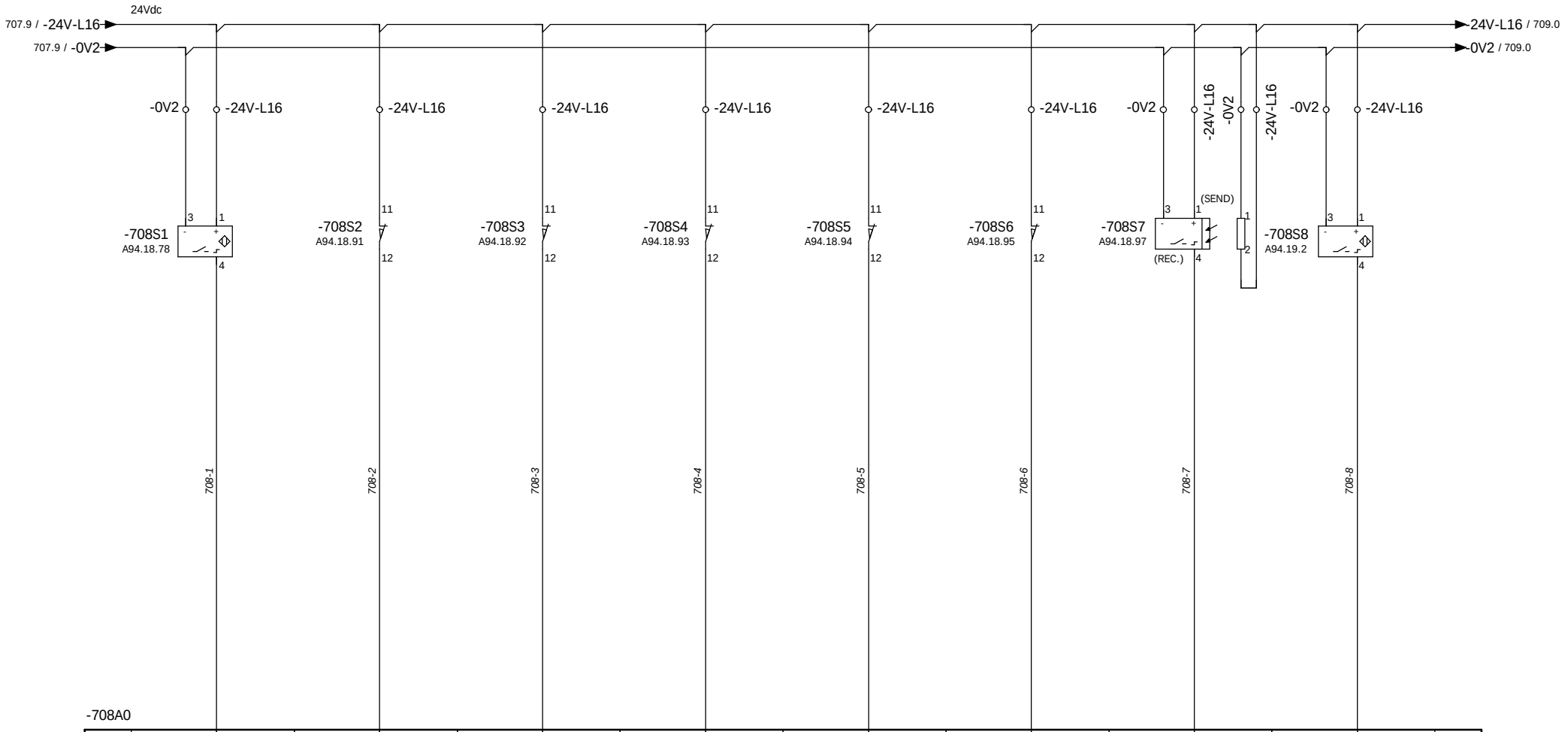
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+ **Q26**

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	LEVELLER 1 LOWER PACK ROLL UP/UNLOCKED M.S. EXIT	LEVELLER 1 CONTROL GREASE DISTRIBUTION HIGH PACK ROLL O.S.	LEVELLER 1 CONTROL GREASE DISTRIBUTION LOW PACK ROLL O.S.	LEVELLER 1 CONTROL GREASE DISTRIBUTION HIGH PACK ROLL M.S.	LEVELLER 1 CONTROL GREASE DISTRIBUTION LOW PACK ROLL M.S.	LEVELLER 1 CONTROL LEVEL GREASE	MATERIAL PRESENCE EXIT LEVELLER 1	LEVELLER 1 CLEANING MOTOR MAX M.S.
	E79.0	E79.1	E79.2	E79.3	E79.4	E79.5	E79.6	E79.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

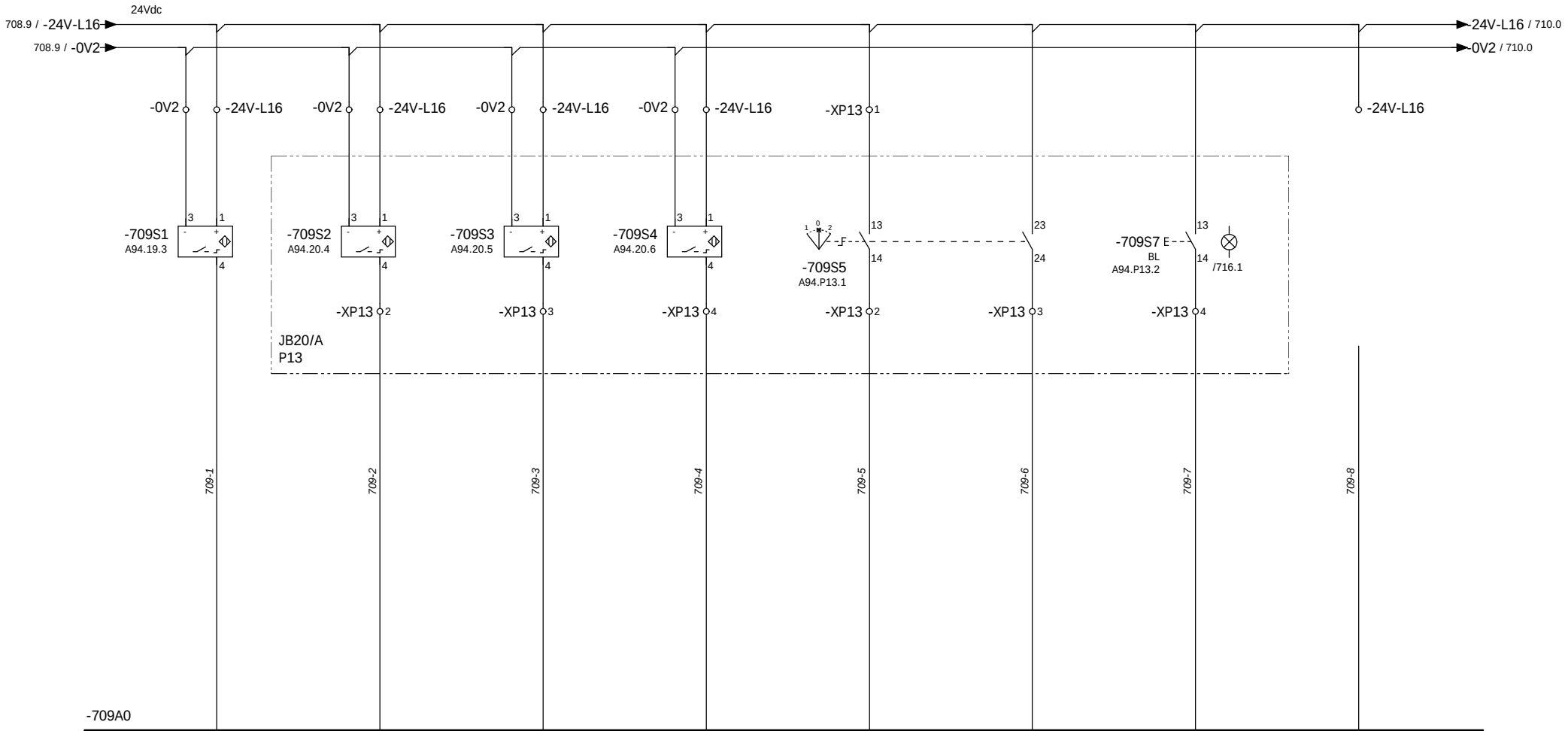
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/700.3	1	5	2	6	3	7	4	8
	LEVELLER 1 CLEANING MOTOR MAX O.S.	LEVELLER 1 ROLLERS BENCH MAX INSIDE	LEVELLER 1 ROLLERS BENCH MAX OUTSIDE	LEVELLER 1 ROLLERS BENCH PIN ON / OFF	movimento orizzontale dispositivo aggancio bancata spianatrice 1 per estrazione	movimento orizzontale dispositivo aggancio bancata spianatrice 1 per introduzione	ENABLE MOVEMENT	SPARE
	E80.0	E80.1	E80.2	E80.3	E80.4	E80.5	E80.6	E80.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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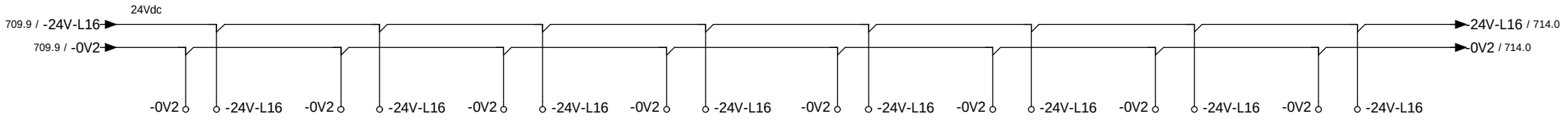
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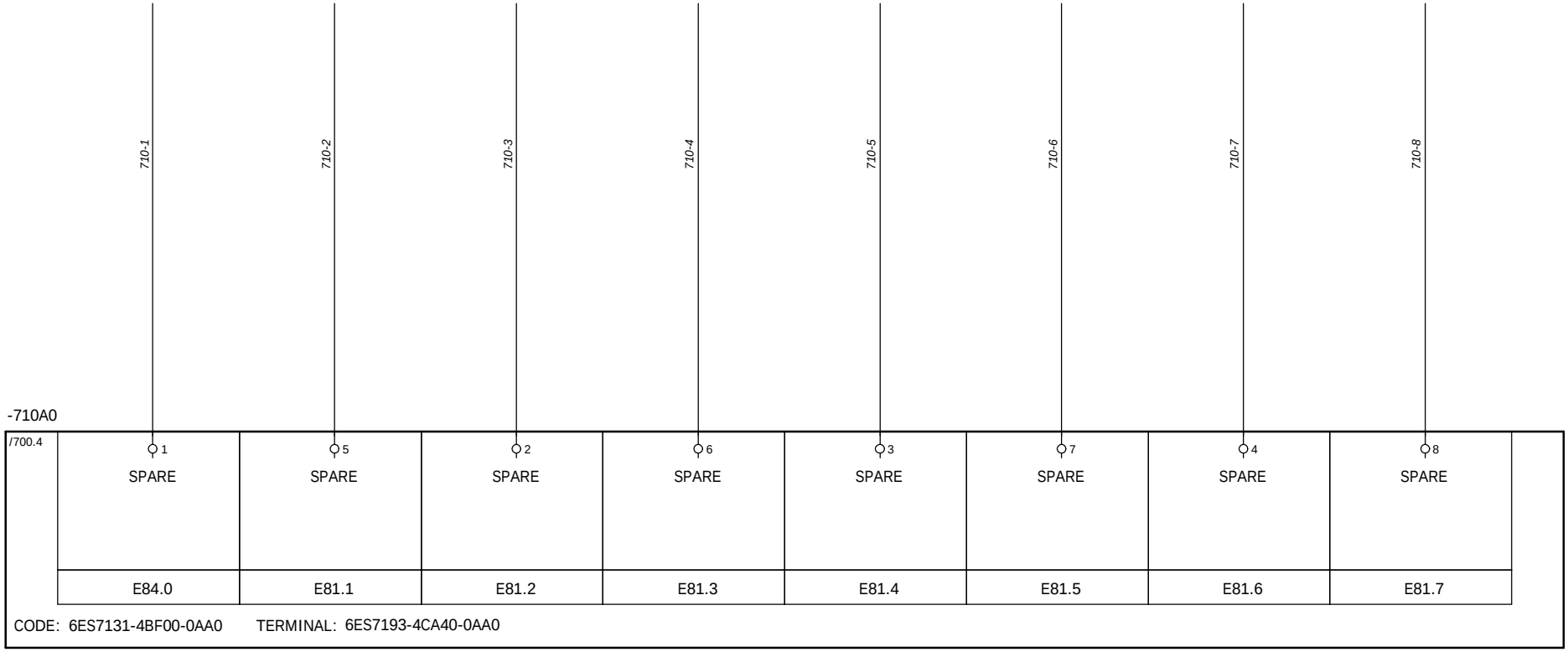
Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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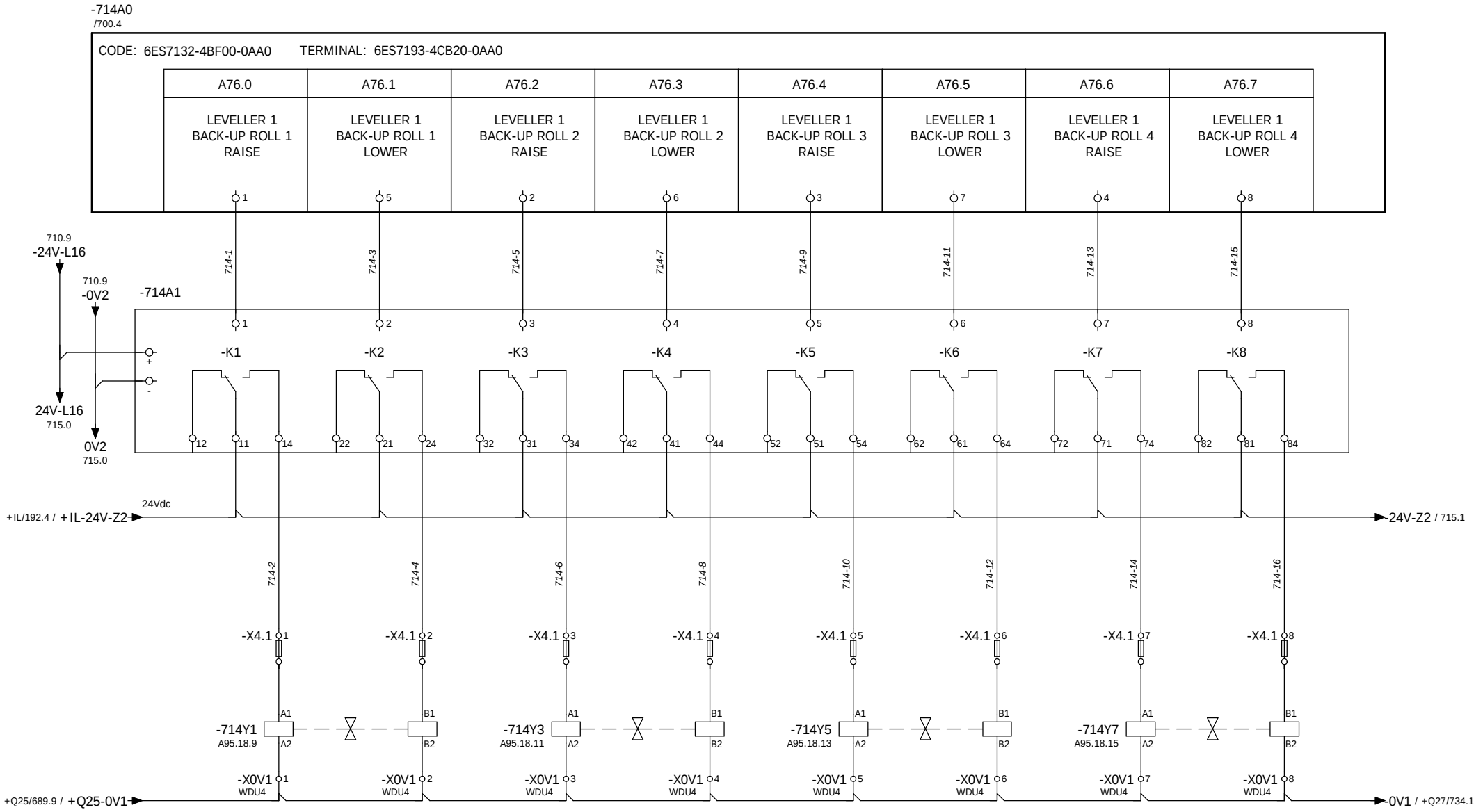
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Job Nr.

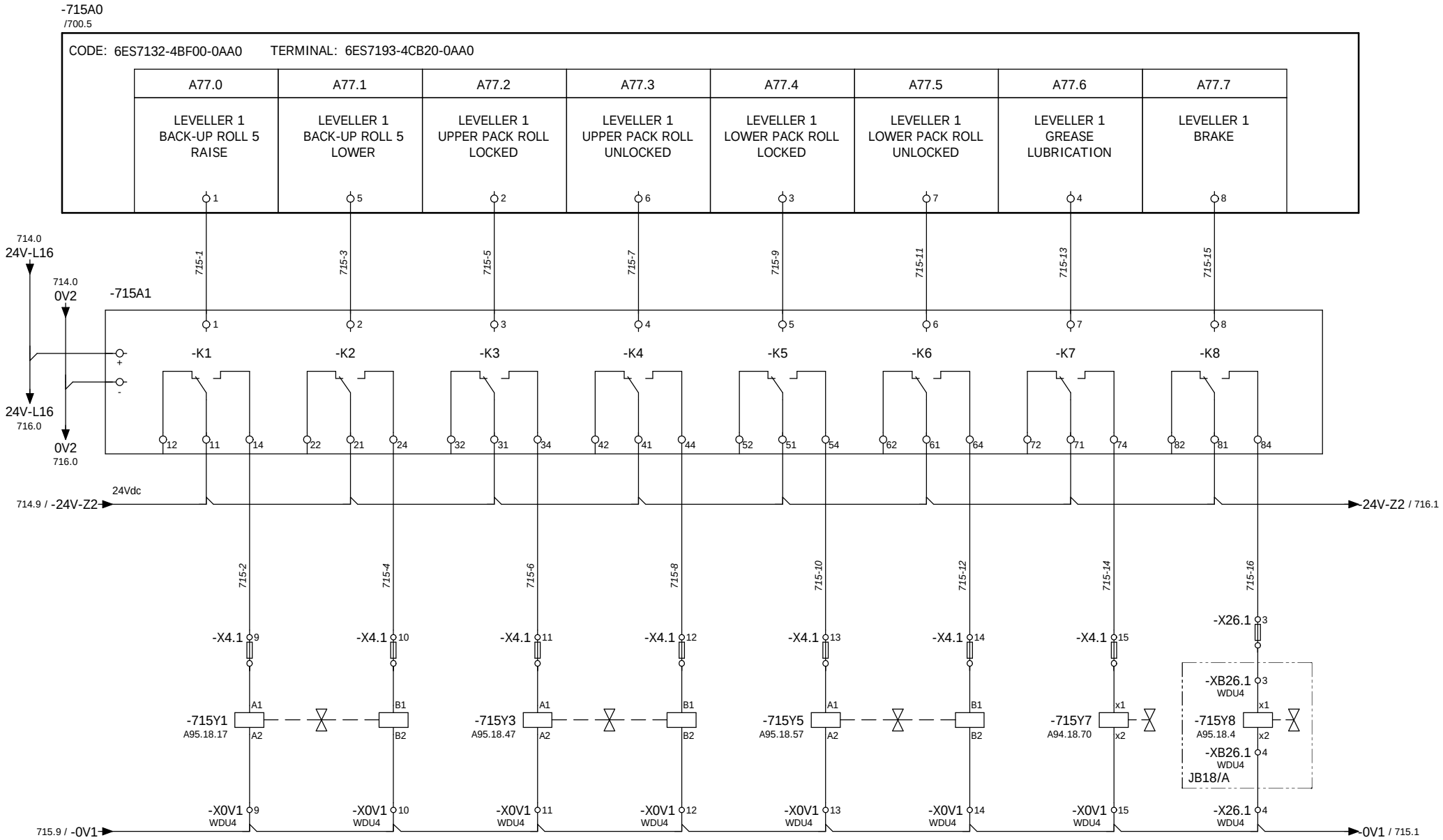
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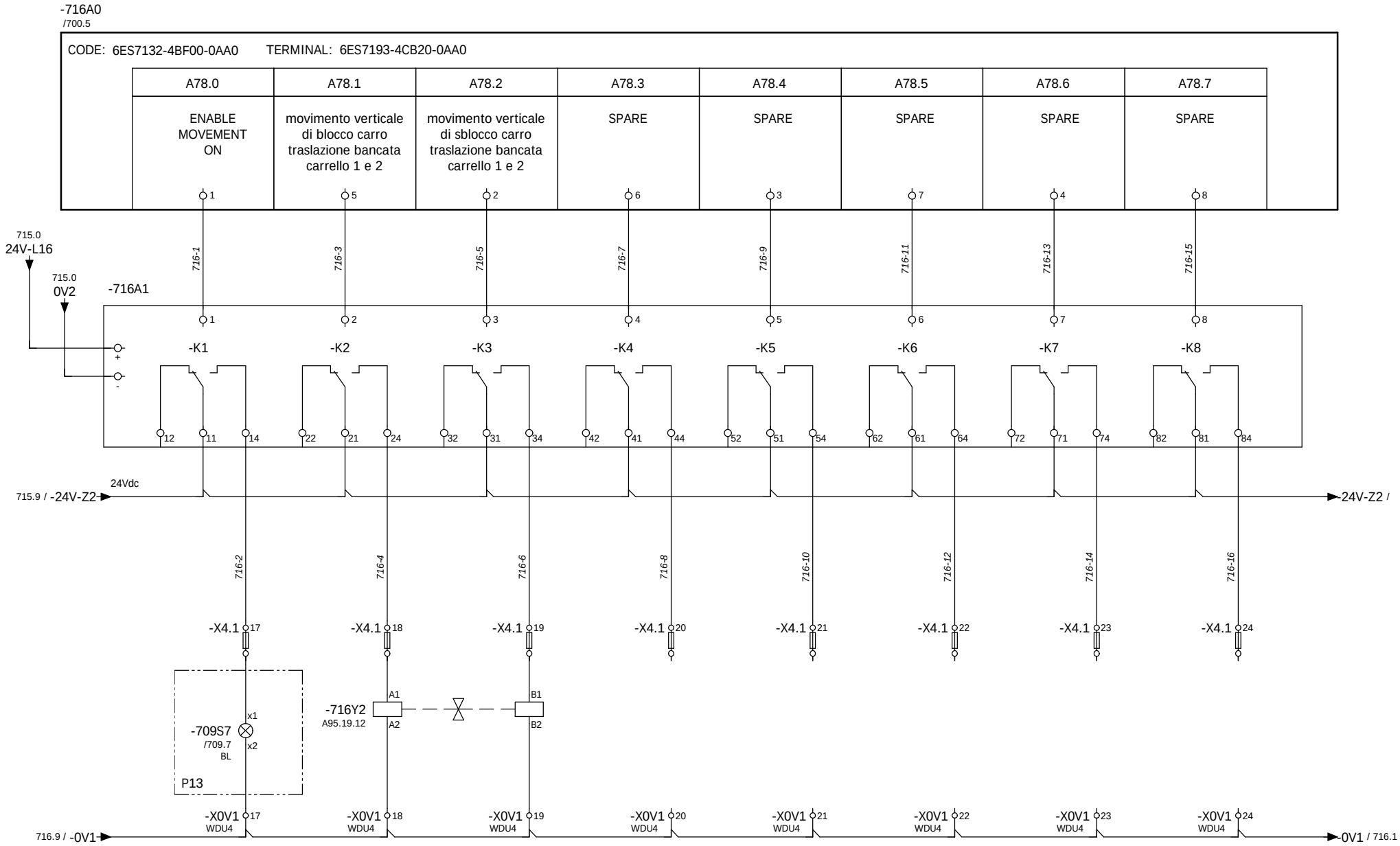


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				Drawn	TPM					+ **Q26**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **714**
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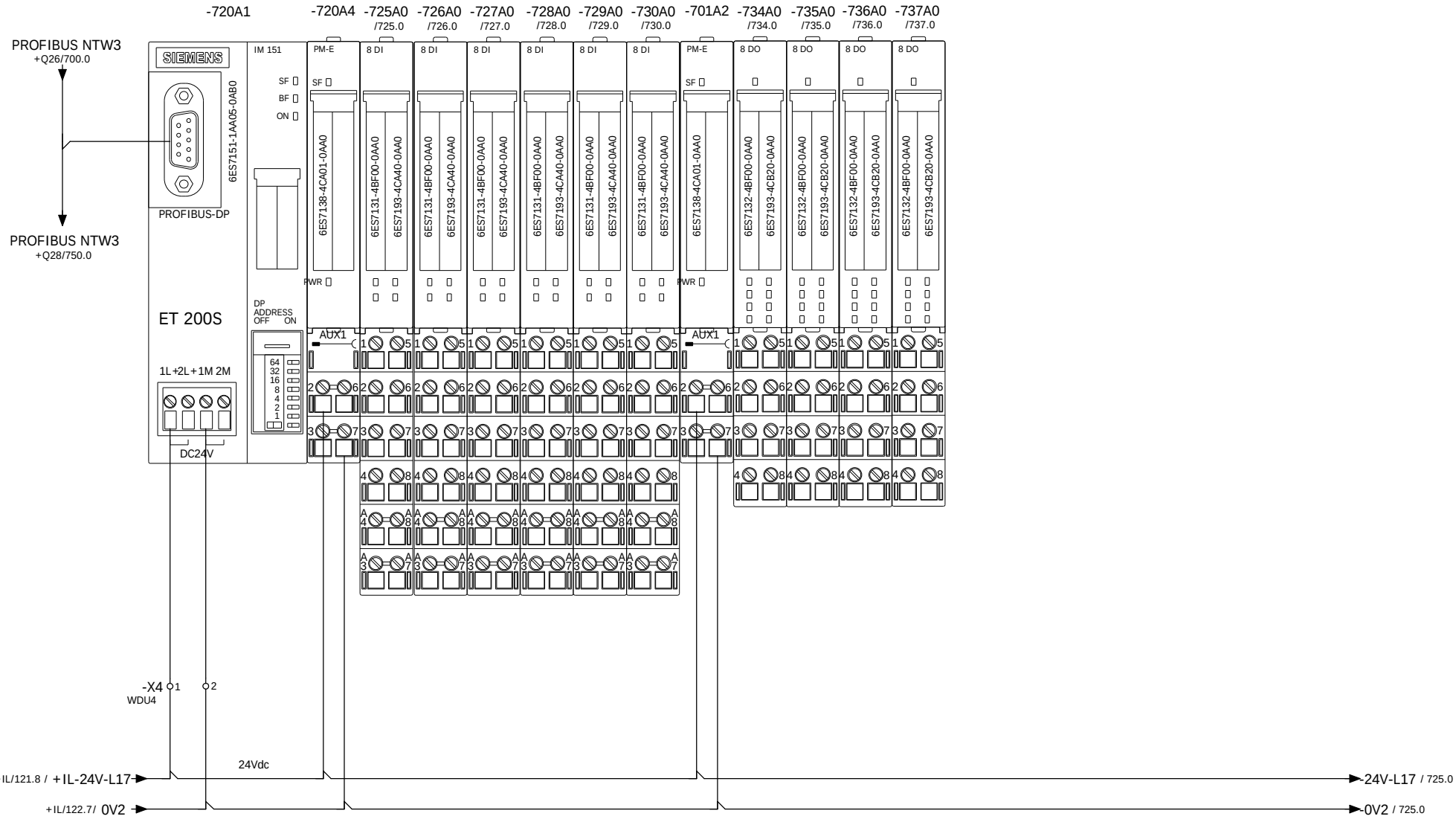


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				Drawn	TPM				
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				Drawn	TPM					+ **Q26**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **716**
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
JB LEVELLER 2

Descript.

NOVASTILMEC A94

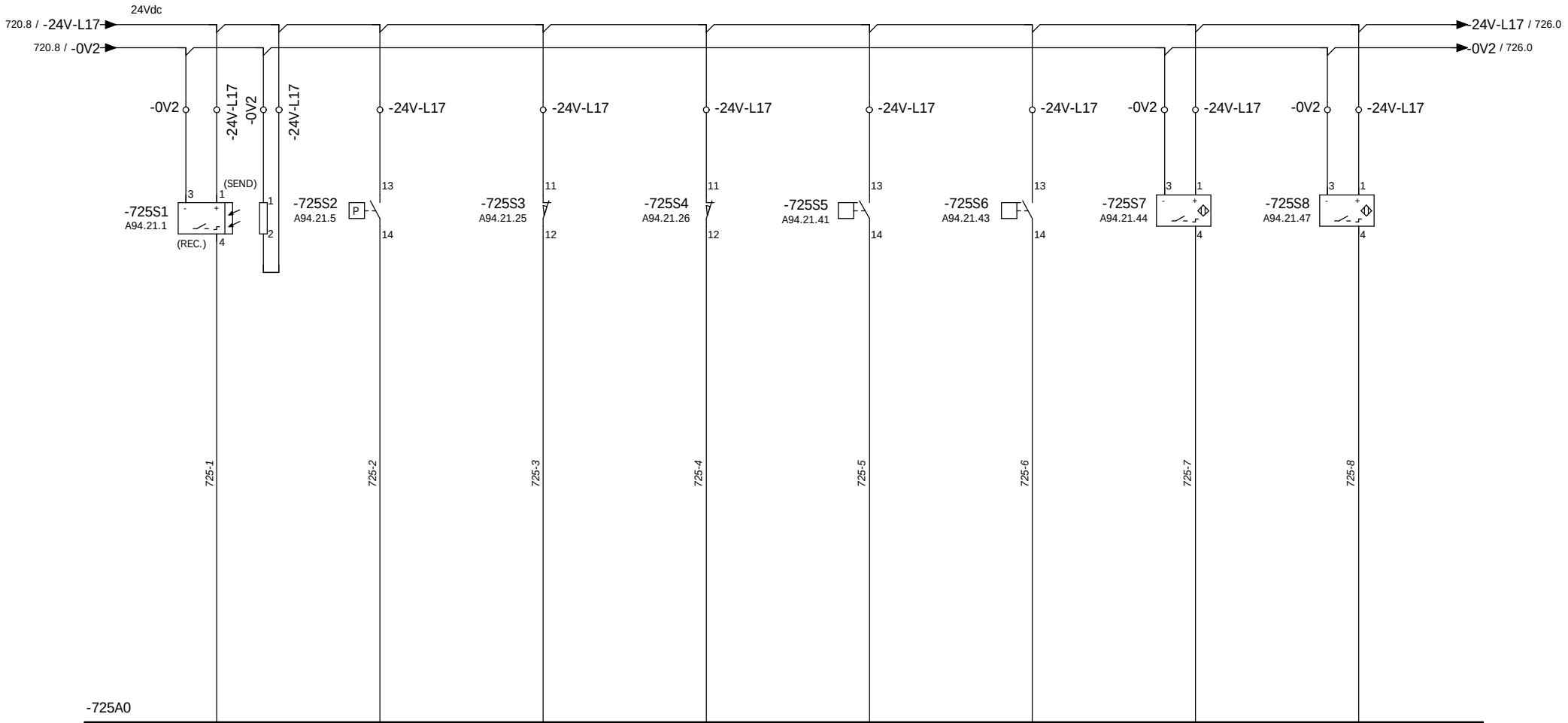
Job Nr.

Dwg.Nr. A94

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+ **Q27**

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/720.2	1	5	2	6	3	7	4	8
	MATERIAL PRESENCE ENTRY LEVELLER 2	LEVELLER 2 BRAKE MIN. AIR PRESSURE	LEVELLER 2 MAX UP (+45mm)	LEVELLER 2 MAX DOWN (-9.5mm)	LEVELLER 2 LUBRICATION PRESENCE OIL CARDAN SHAFT	LEVELLER 2 LUBRICATION PRESENCE OIL PUMP	LEVELLER 2 CARDAN SHAFT EXTRACTION POSITION	LEVELLER 2 CARDAN SHAFT SUPPORT PLATE MAX UP
	E86.0	E86.1	E86.2	E86.3	E86.4	E86.5	E86.6	E86.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

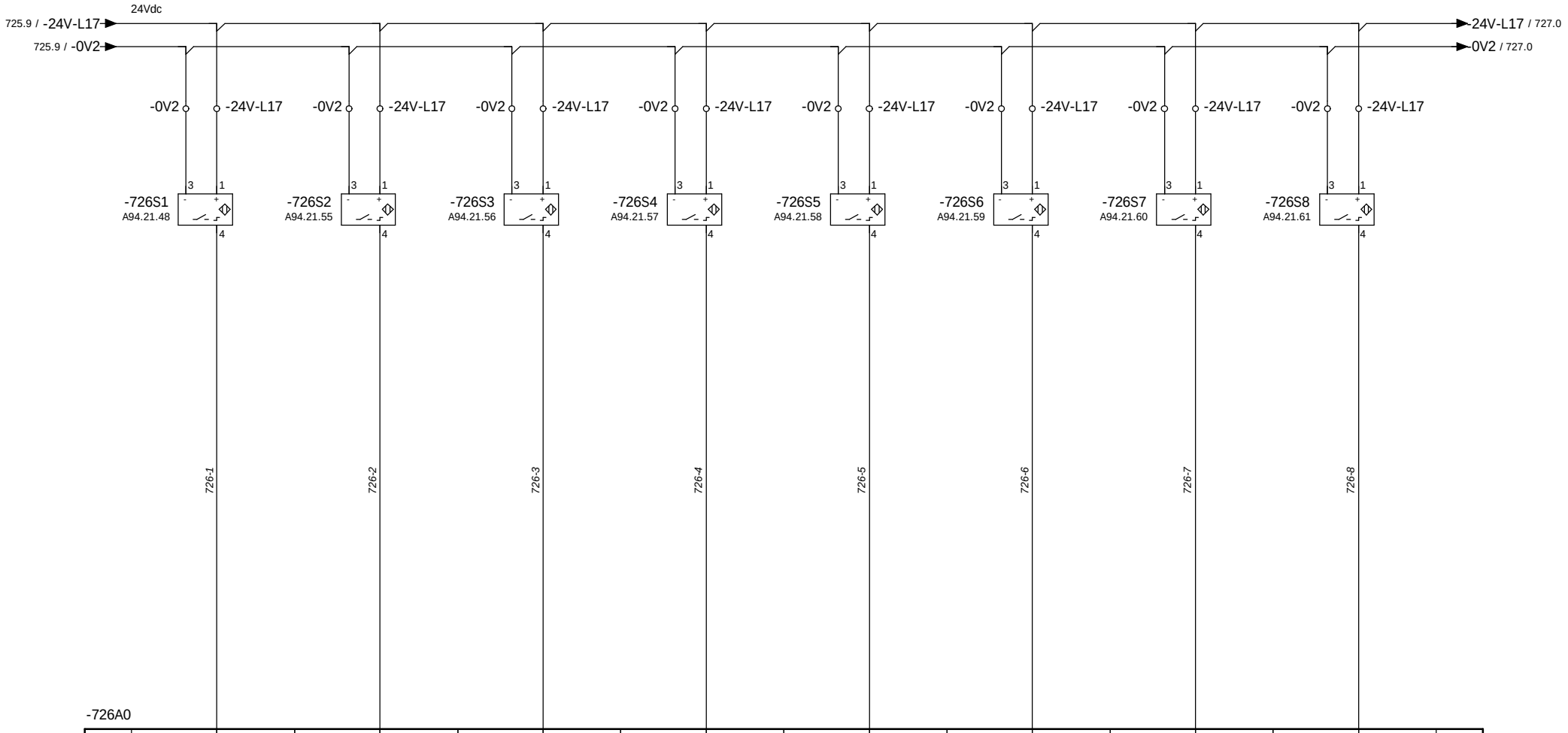
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+ **Q27**

Job Nr.

Dwg.Nr. A94

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/720.2

1	5	2	6	3	7	4	8
LEVELLER 2 CARDAN SHAFT SUPPORT PLATE MAX DOWN	LEVELLER 2 LOOK PACK ROLL O.S. ENTRY	LEVELLER 2 LOOK PACK ROLL O.S. EXIT	LEVELLER 2 LOOK PACK ROLL M.S. ENTRY	LEVELLER 2 LOOK PACK ROLL M.S. EXIT	LEVELLER 2 UNLOOK PACK ROLL O.S. ENTRY	LEVELLER 2 UNLOOK PACK ROLL O.S. EXIT	LEVELLER 2 UNLOOK PACK ROLL M.S. ENTRY
E87.0	E87.1	E87.2	E87.3	E87.4	E87.5	E87.6	E87.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

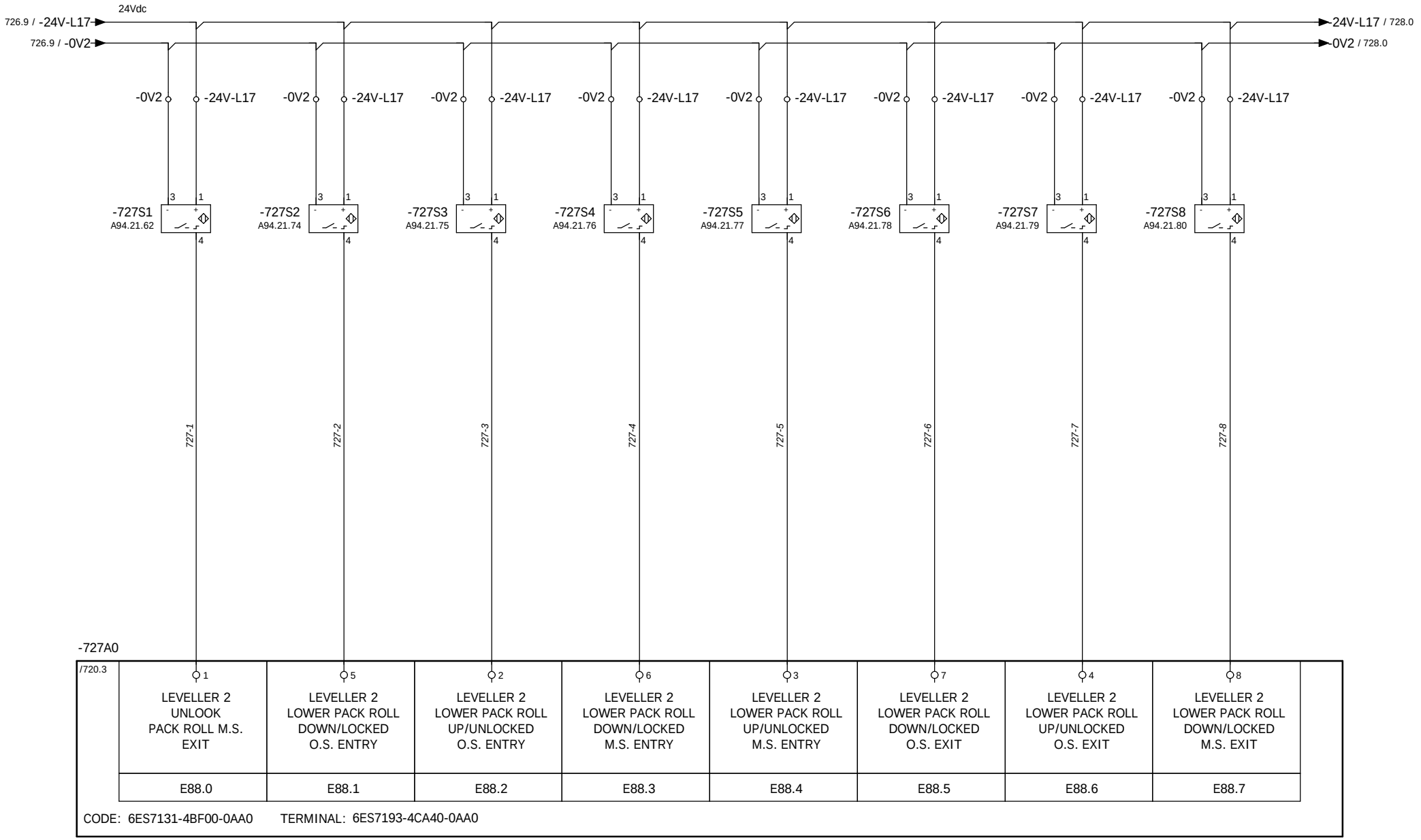
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GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

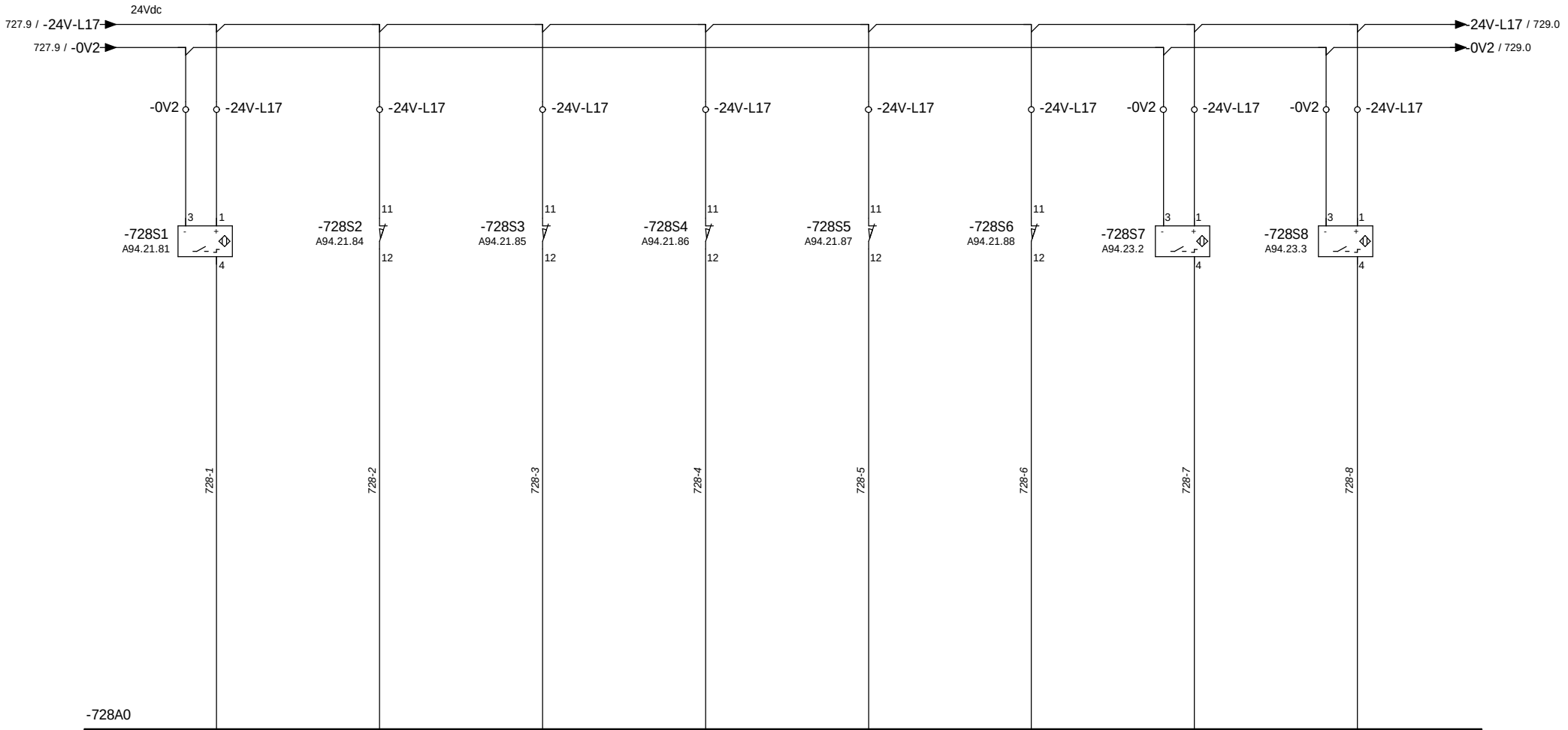
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+ **Q27**

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/720.3	1	5	2	6	3	7	4	8
	LEVELLER 2 LOWER PACK ROLL UP/UNLOCKED M.S. EXIT	LEVELLER 2 CONTROL GREASE DISTRIBUTION HIGH PACK ROLL O.S.	LEVELLER 2 CONTROL GREASE DISTRIBUTION LOW PACK ROLL O.S.	LEVELLER 2 CONTROL GREASE DISTRIBUTION HIGH PACK ROLL M.S.	LEVELLER 2 CONTROL GREASE DISTRIBUTION LOW PACK ROLL M.S.	LEVELLER 2 CONTROL LEVEL GREASE	LEVELLER 2 CLEANING MOTOR MAX M.S.	LEVELLER 2 CLEANING MOTOR MAX O.S.
	E89.0	E89.1	E89.2	E89.3	E89.4	E89.5	E89.6	E89.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

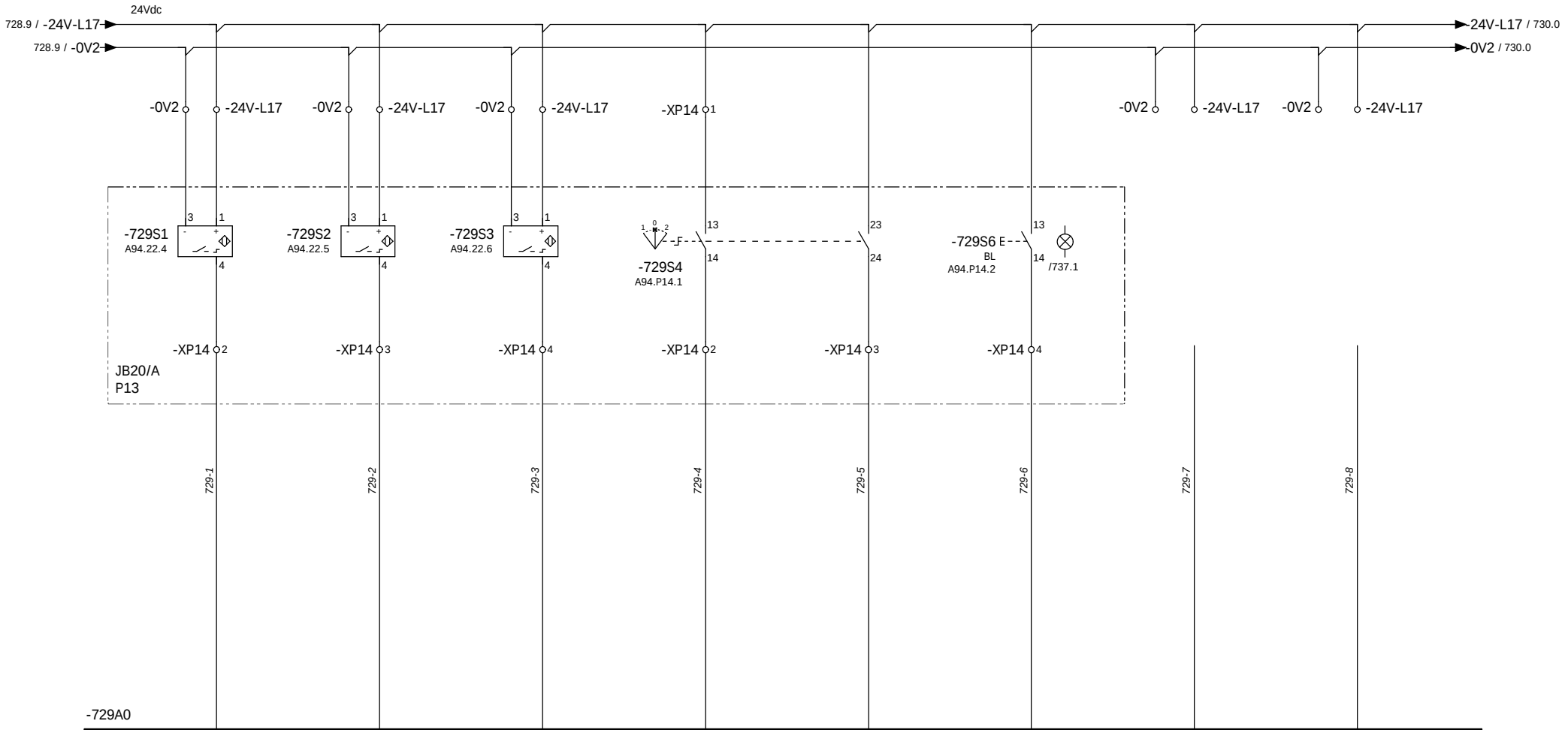
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+ **Q27**

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-729A0

/720.3	1	5	2	6	3	7	4	8
	LEVELLER 1 ROLLERS BENCH MAX INSIDE	LEVELLER 1 ROLLERS BENCH MAX OUTSIDE	LEVELLER 1 ROLLERS BENCH PIN ON / OFF	movimento orizzontale dispositivo aggancio bancata spianatrice 2 per estrazione	movimento orizzontale dispositivo aggancio bancata spianatrice 2 per introduzione	ENABLE MOVEMENT	SPARE	SPARE
	E90.0	E90.1	E90.2	E90.3	E90.4	E90.5	E90.6	E90.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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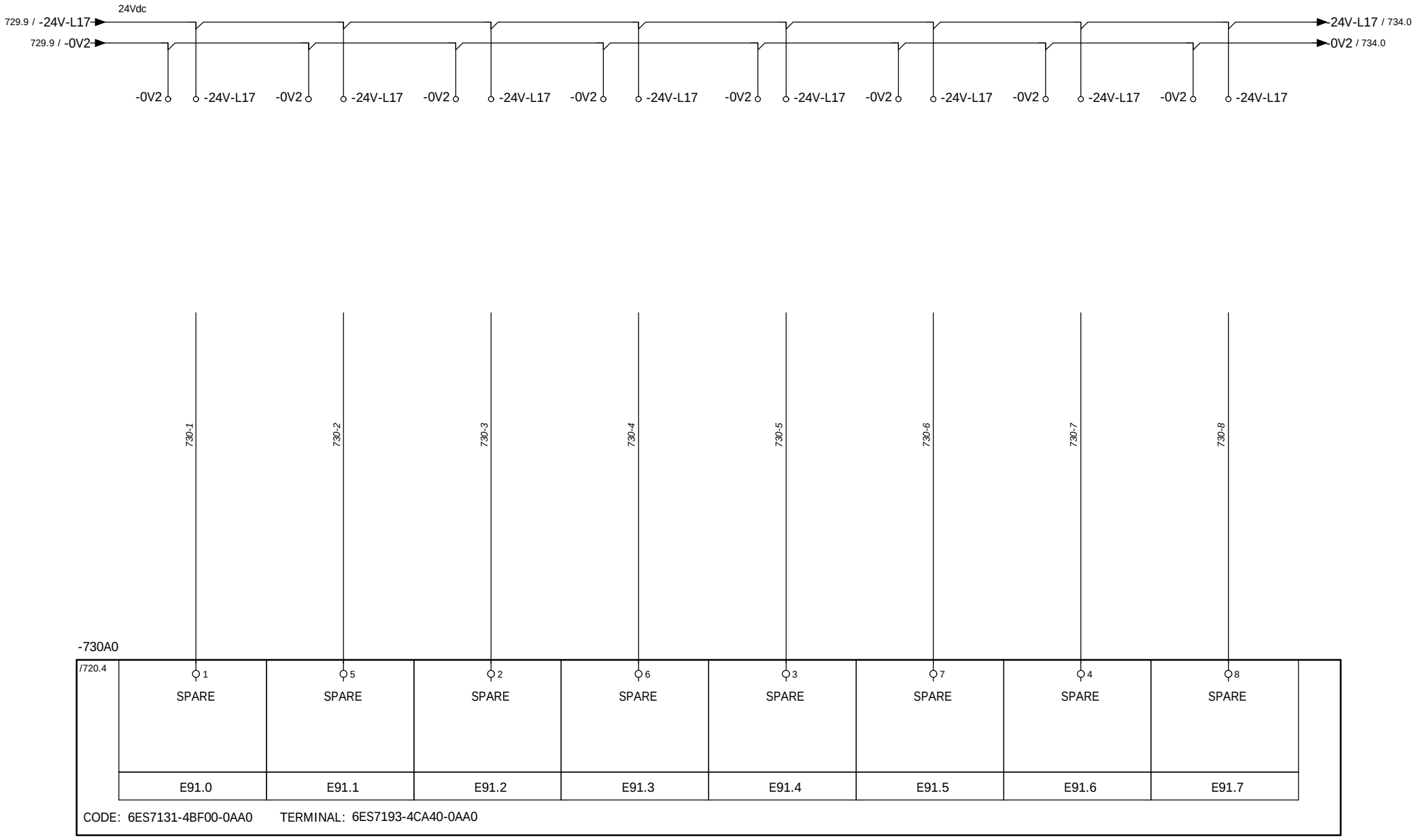
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

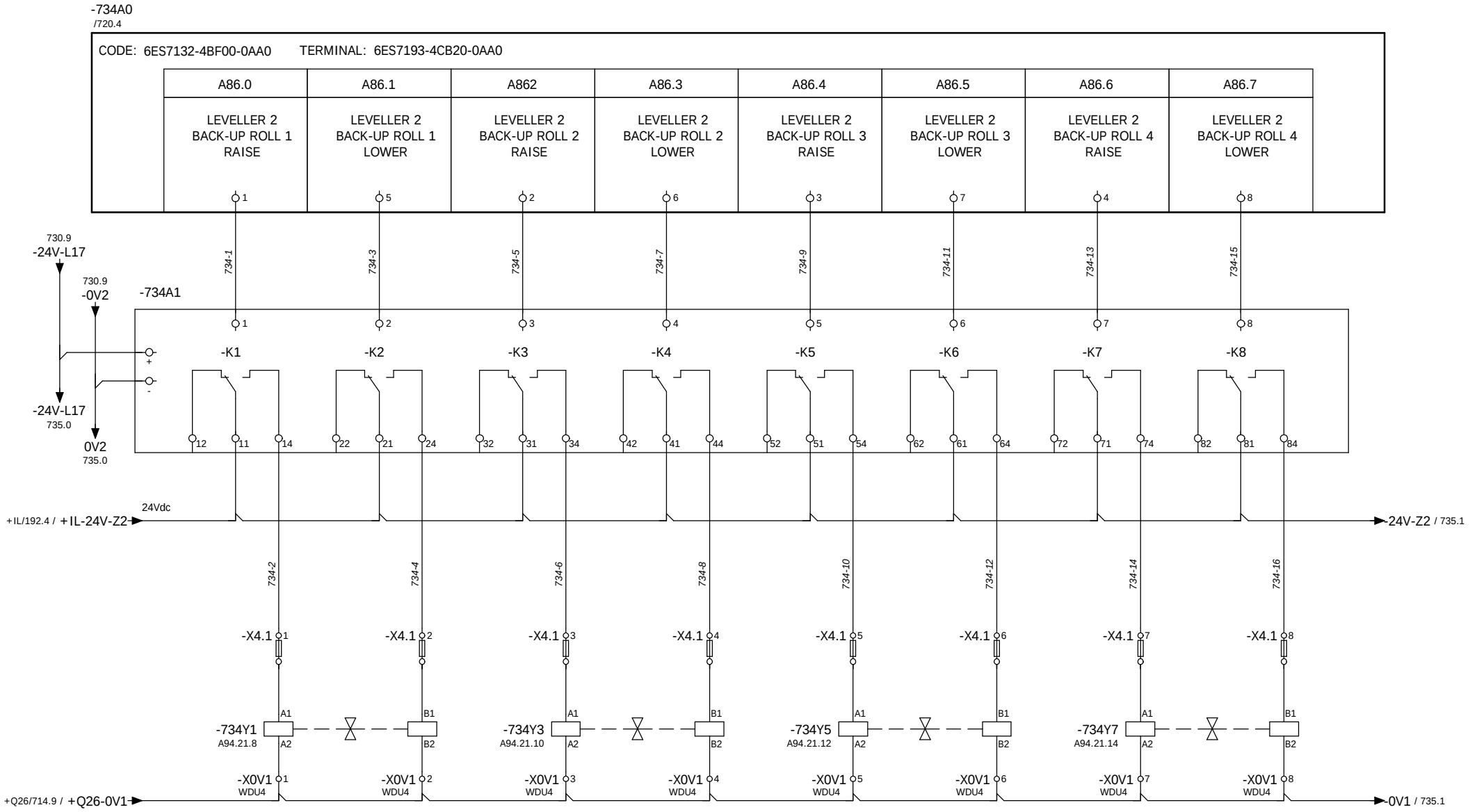
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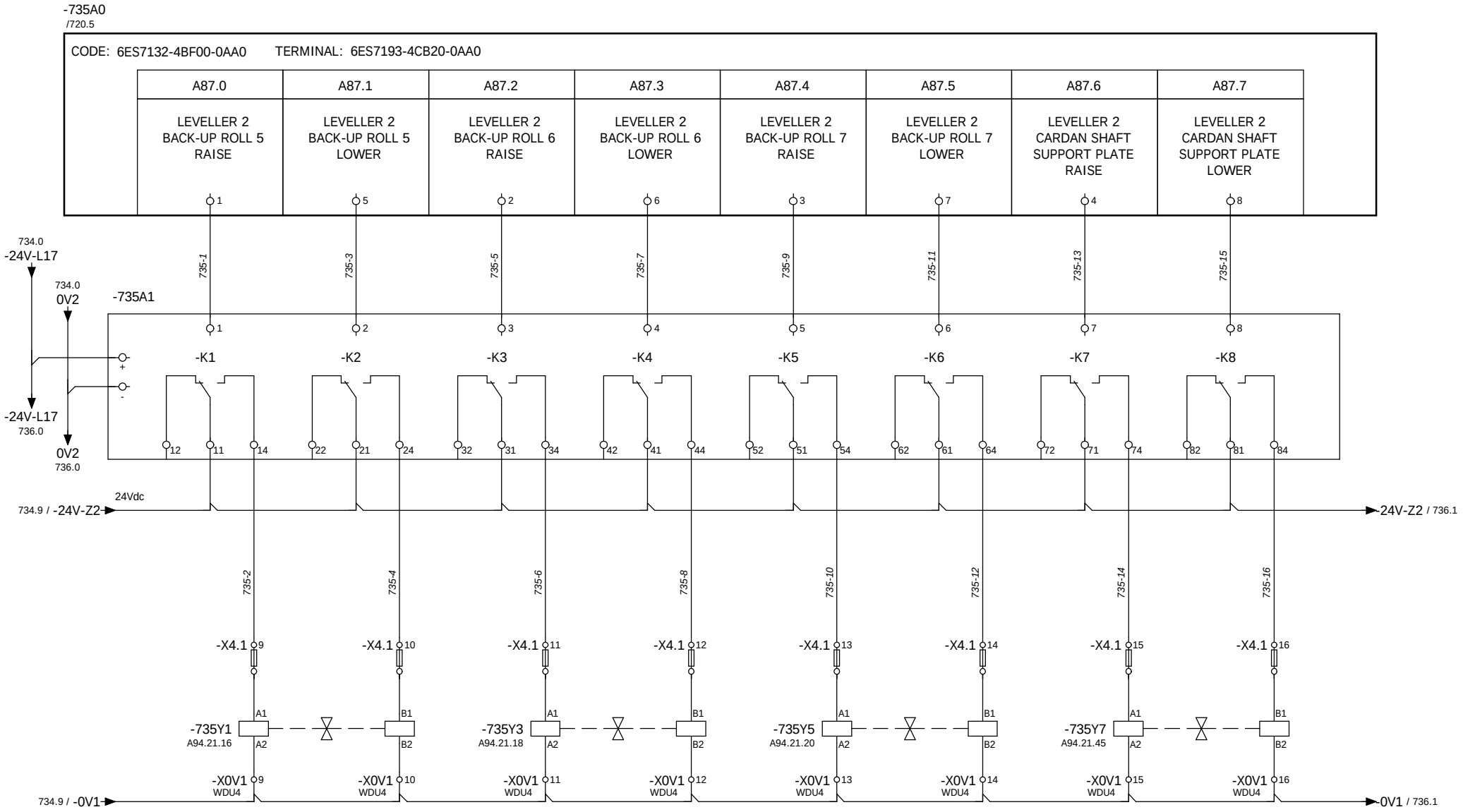
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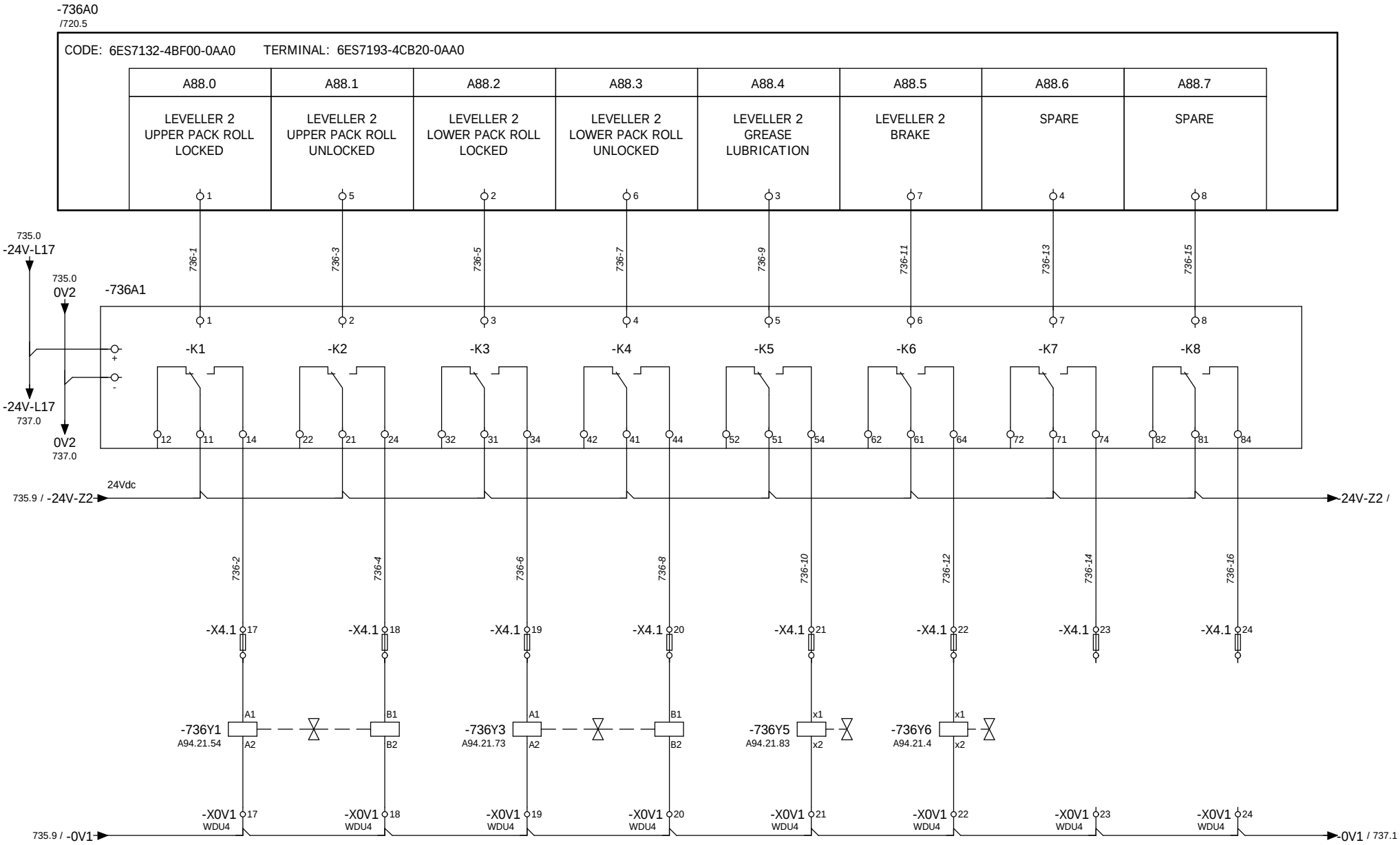


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				Drawn	TPM					+ **Q27**
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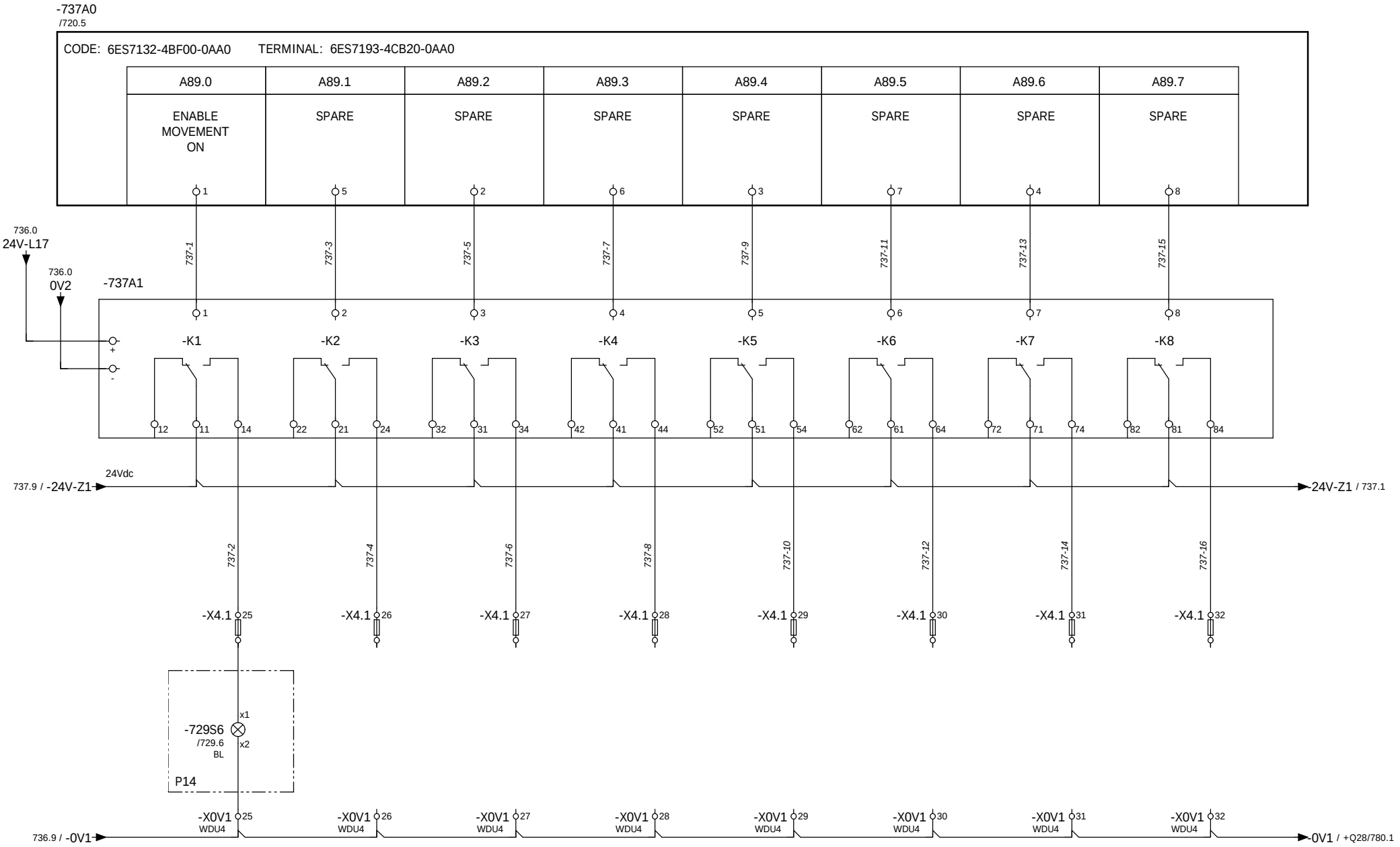
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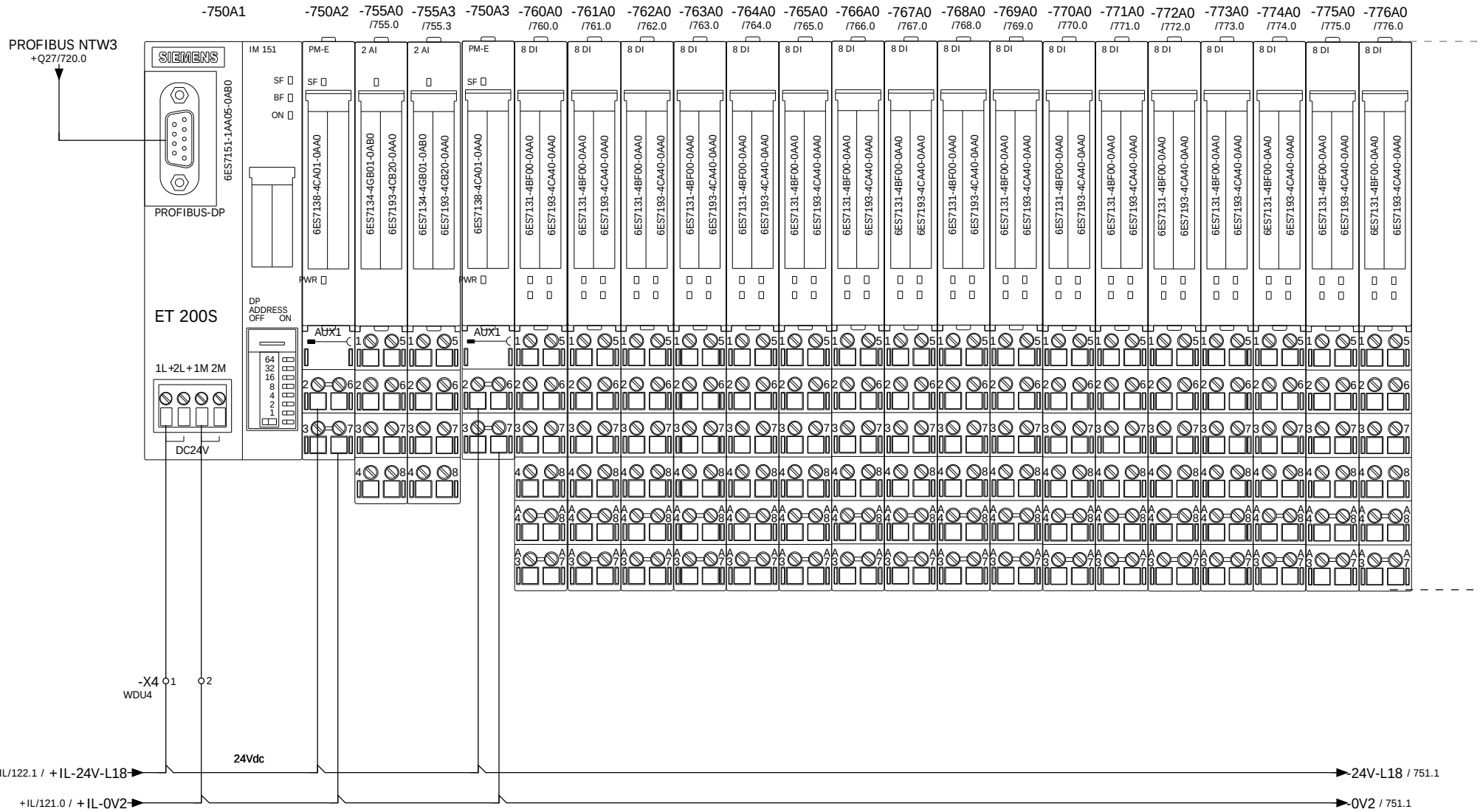


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				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **737**
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
STACKER BOARD

Descript.

NOVASTILMEC A94

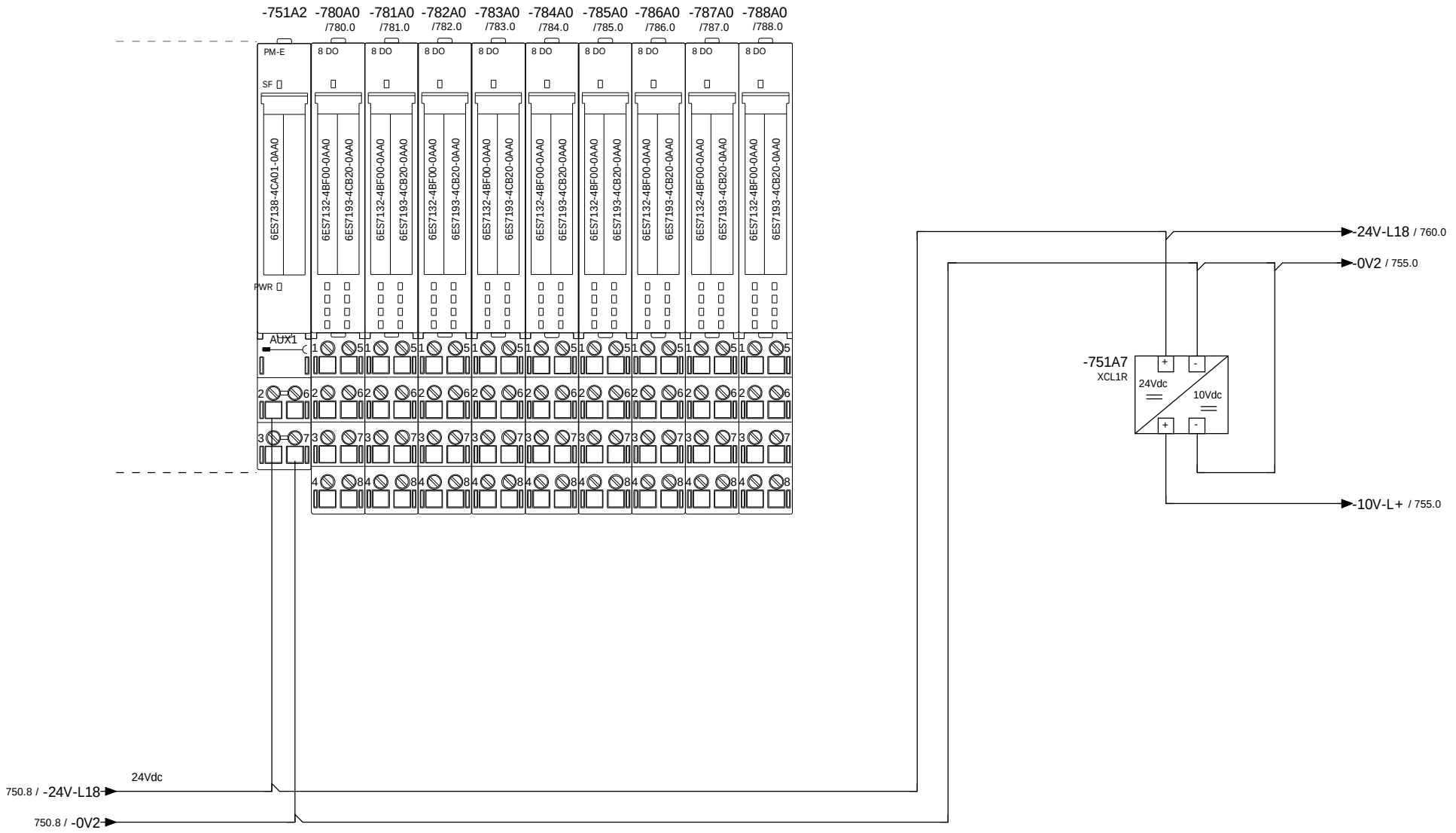
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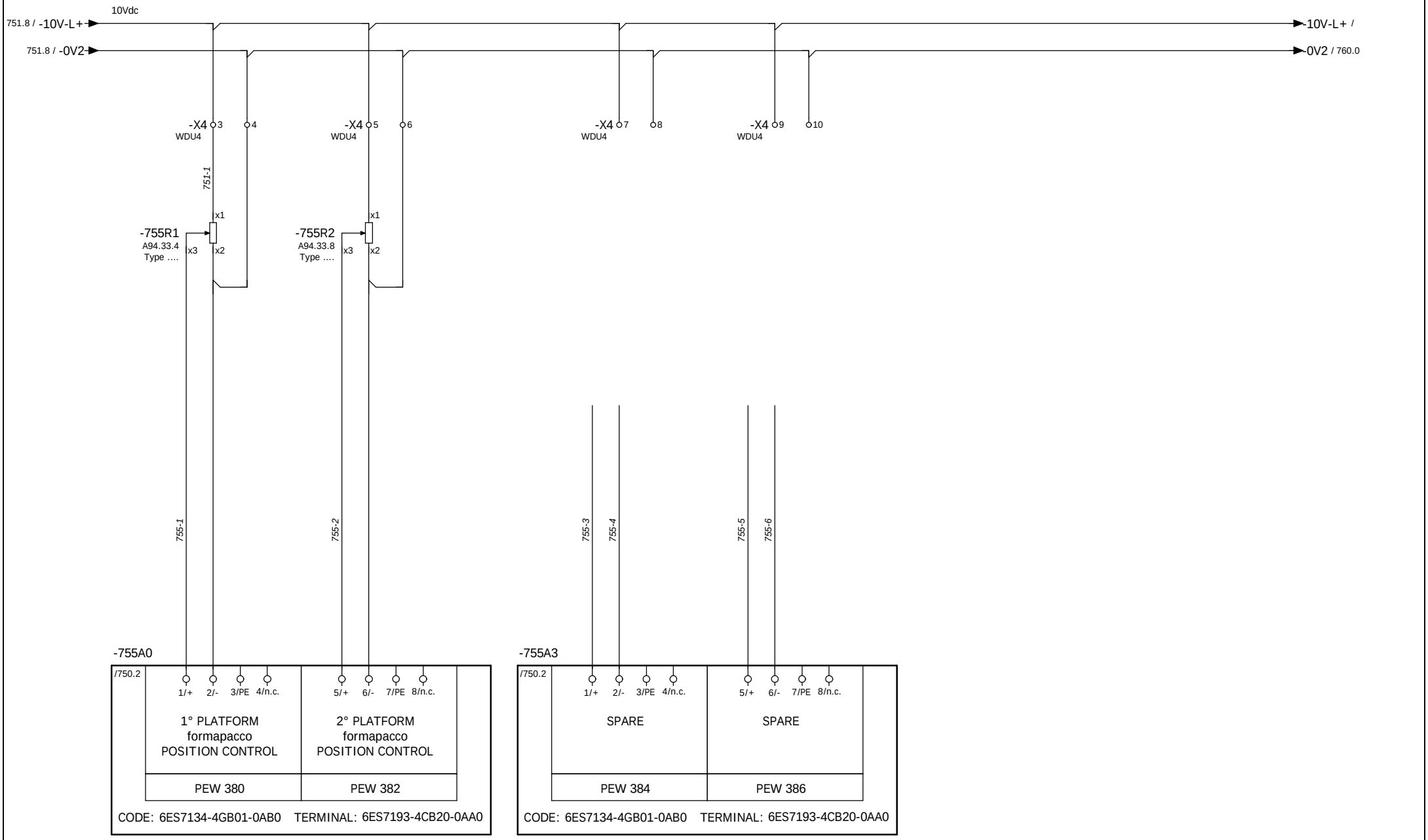
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+ **Q28**

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				Drawn	TPM					+ **Q28**
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Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: ANALOG INPUTS

NOVASTILMEC A94

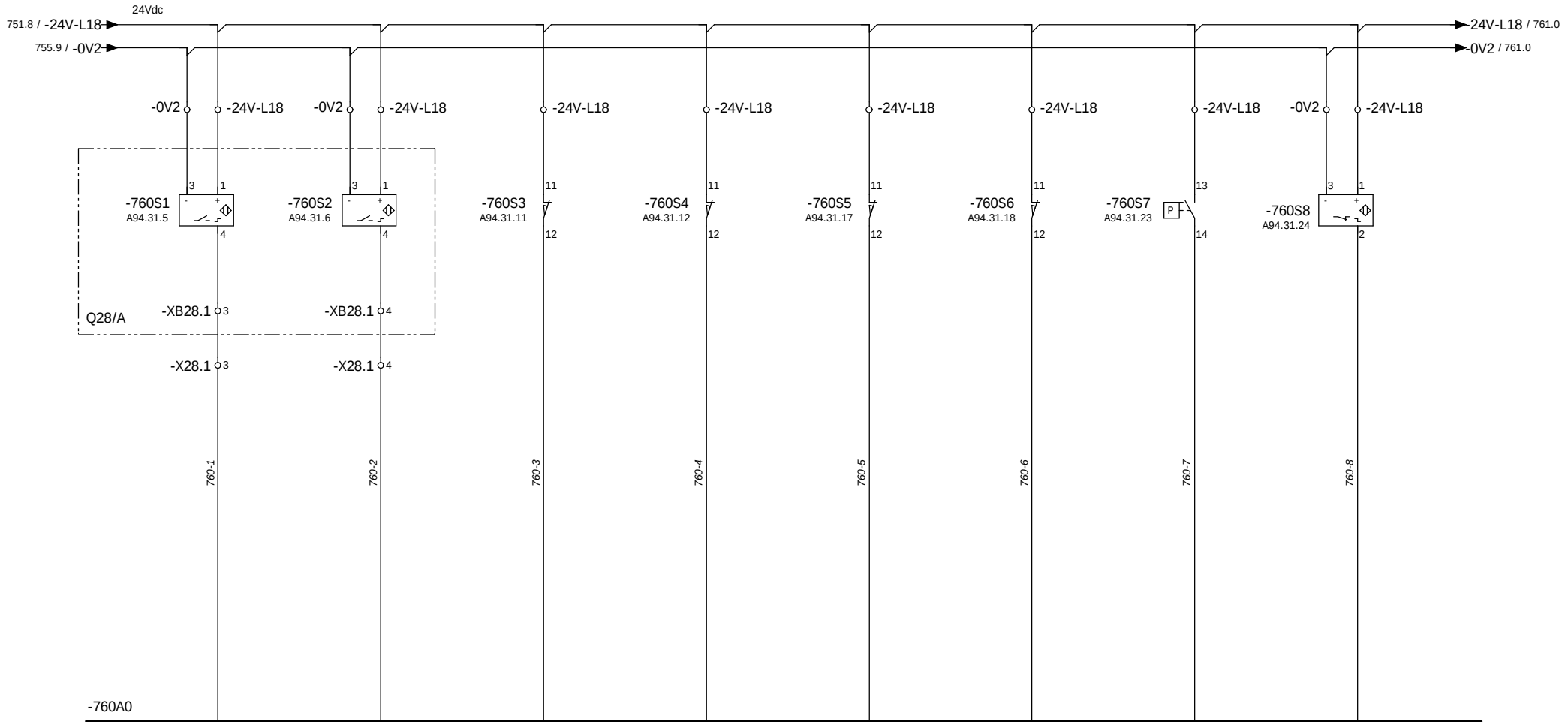
Job Nr.

Dwg.Nr. A94

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+ **Q28**

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Follow 760



1	5	2	6	9	13	10	14
ENTRY PINCH ROLL MAX UP	PRESENCE MATERIAL	ENTRY STACKER SIDE GUIDE MAX OPEN	ENTRY STACKER SIDE GUIDE MAX CLOSE	EXIT STACKER SIDE GUIDE MAX OPEN	EXIT STACKER SIDE GUIDE MAX CLOSE	STACKER 1 FLYWHEEL ROTATION MIN PRESSURE AIR	STACKER 1 SUPPORT PLATE EXCLUDED POSITION
E96.0	E96.1	E96.2	E96.3	E96.4	E96.5	E96.6	E96.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

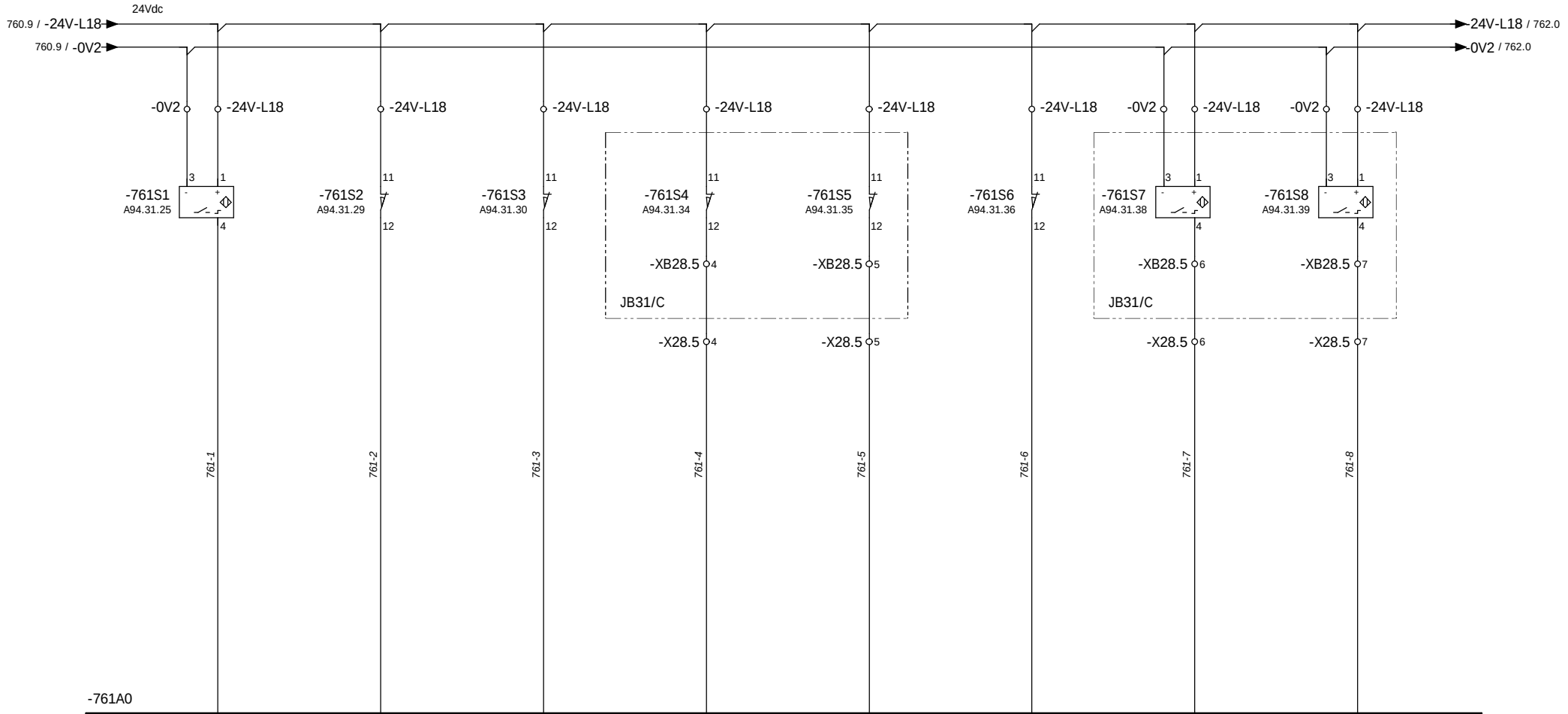
Job Nr.

Dwg.Nr. A94

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+ **Q28**

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-761A0

/750.3

1	5	2	6	3	7	4	8
STACKER 1 SUPPORT PLATE WORK POSITION	STACKER 1 REAR JOGGERS MAX OPEN	STACKER 1 REAR JOGGERS MAX CLOSE	STACKER 1 MOBILE CARRIAGE MAX FORWARD	STACKER 1 MOBILE CARRIAGE MAX BACKWARD	STACKER 1 MOBILE CARRIAGE 1/2 COLLISION	STACKER 1 HEAD STOPS SHEET MAX UP	STACKER 1 HEAD STOPS SHEET MAX DOWN
E97.0	E97.1	E97.2	E97.3	E97.4	E97.5	E97.6	E97.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

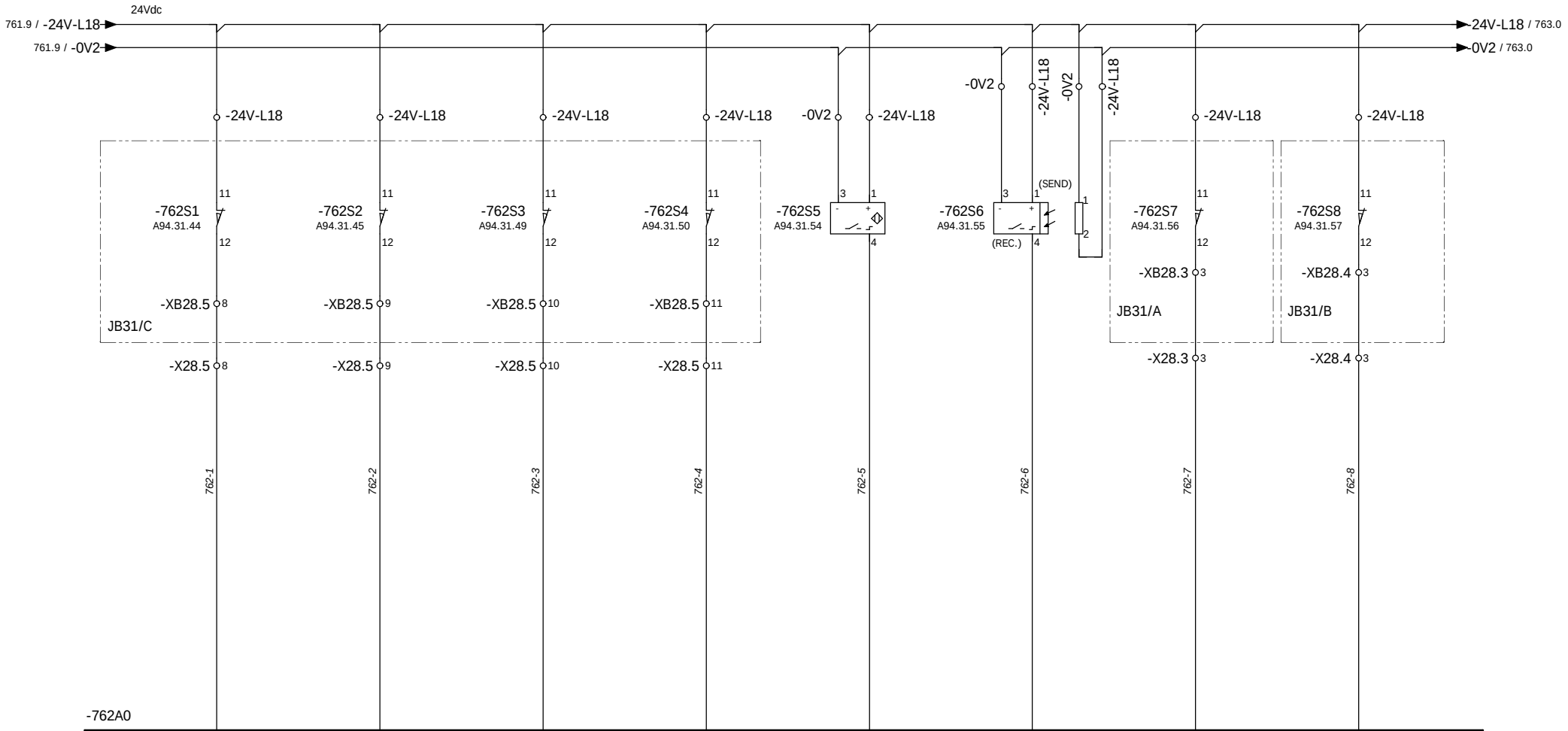
Dwg.Nr. A94

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+ **Q28**

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/750.4

1	5	2	6	3	7	4	8
STACKER 1 FRONT JOGGERS O.S. MAX OPEN	STACKER 1 FRONT JOGGERS O.S. MAX CLOSE	STACKER 1 FRONT JOGGERS M.S. MAX OPEN	STACKER 1 FRONT JOGGERS M.S. MAX CLOSE	STACKER 1 TAPPING TAILS LIMIT +150mm	STACKER 1 PACKAGE ROLL SHEET NOT DOWN	STACKER 1 ENTRY SHEET O.S.	STACKER 1 ENTRY SHEET M.S.
E98.0	E98.1	E98.2	E98.3	E98.4	E98.5	E98.6	E98.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

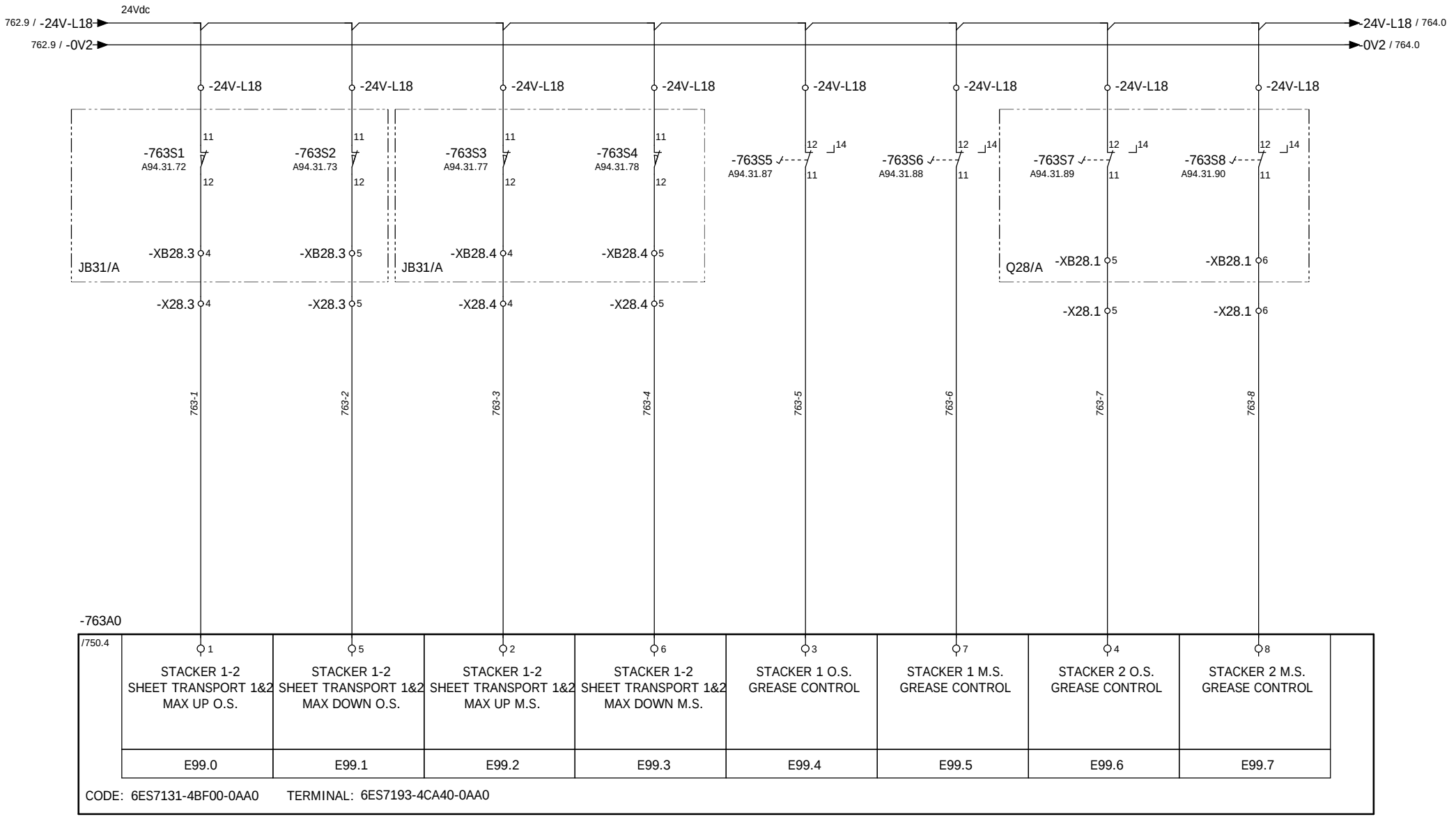
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+ **Q28**

Job Nr.

Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

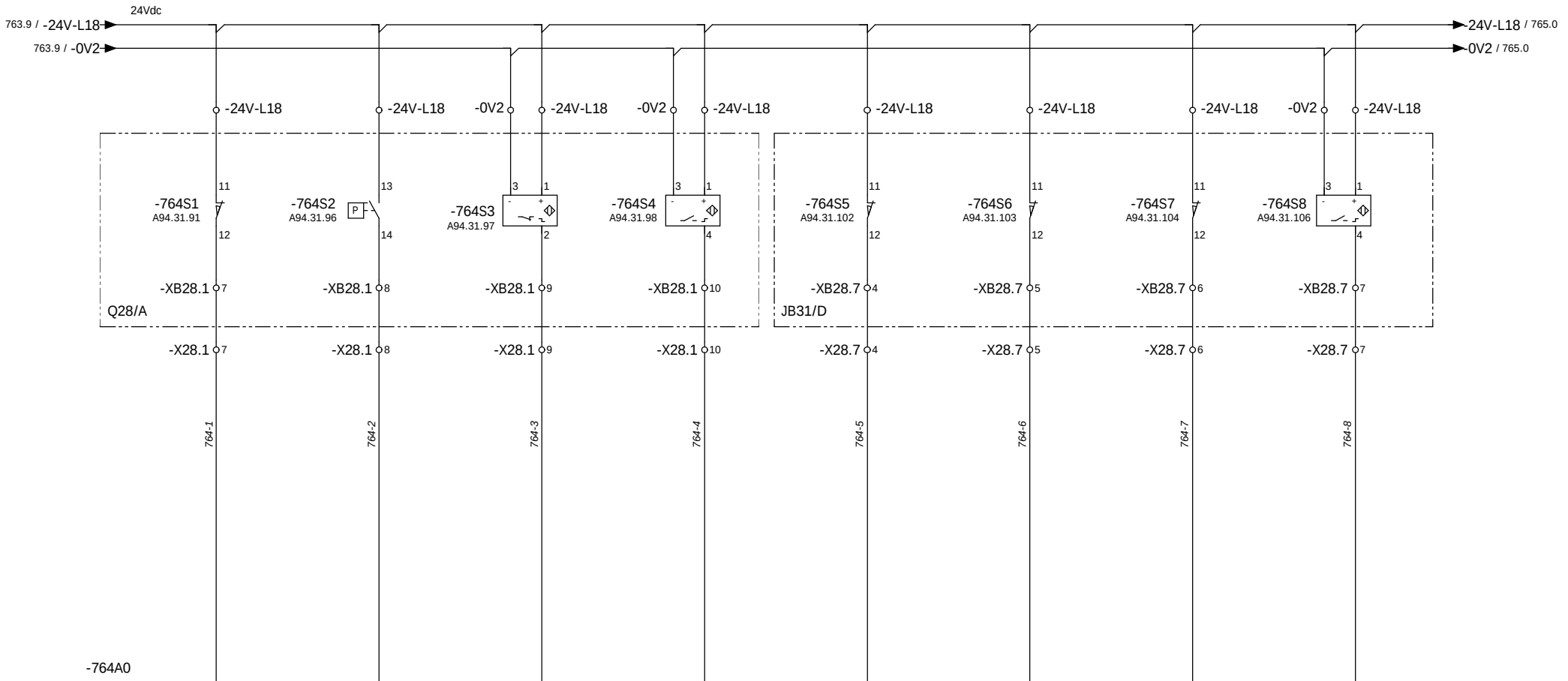
Dwg.Nr. A94

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+ **Q28**

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1	5	2	6	3	7	4	8
STACKER 1-2 GREASE LEVEL	STACKER 2 FLYWHEEL ROTATION MIN PRESSURE AIR	STACKER 2 SUPPORT PLATE EXCLUDED POSITION	STACKER 2 SUPPORT PLATE WORK POSITION	STACKER 2 MOBILE CARRIAGE MAX FORWARD	STACKER 2 MOBILE CARRIAGE MAX BACKWARD	STACKER 2 MOBILE CARRIAGE 2 riscontro di testa COLLISION	STACKER 2 MOBILE CARRIAGE O.S. LOCKED
E100.0	E100.1	E100.2	E100.3	E100.4	E100.5	E100.6	E100.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

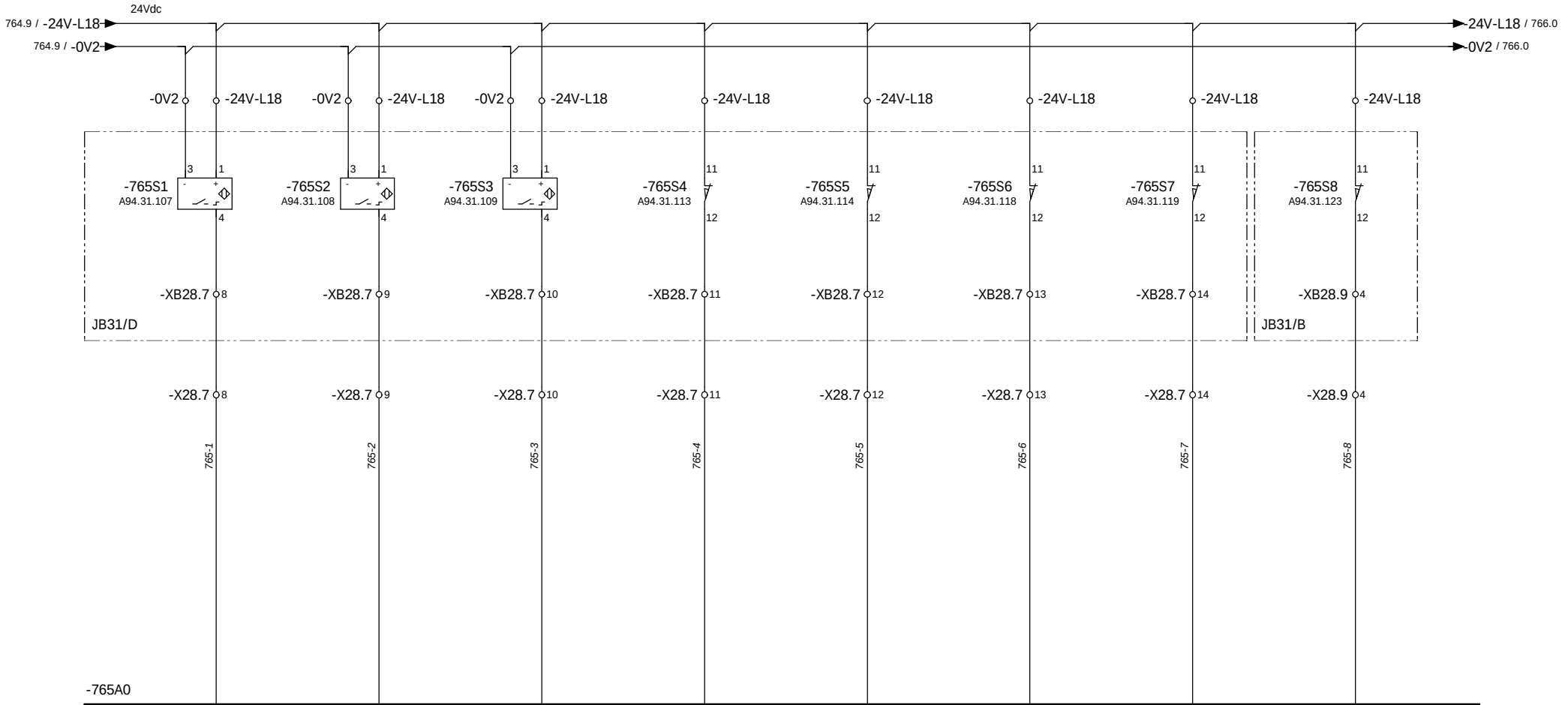
Dwg.Nr. A94

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1	5	2	6	3	7	4	8
STACKER 2 MOBILE CARRIAGE O.S. UNLOCKED	STACKER 2 MOBILE CARRIAGE M.S. LOCKED	STACKER 2 MOBILE CARRIAGE M.S. UNLOCKED	STACKER 2 REAR JOGGERS O.S. MAX OPEN	STACKER 2 REAR JOGGERS O.S. MAX CLOSE	STACKER 2 REAR JOGGERS M.S. MAX OPEN	STACKER 2 REAR JOGGERS M.S. MAX CLOSE	STACKER 2 REAR MOBILE CARRIAGE MAX FORWARD
E101.0	E101.1	E101.2	E101.3	E101.4	E101.5	E101.6	E101.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

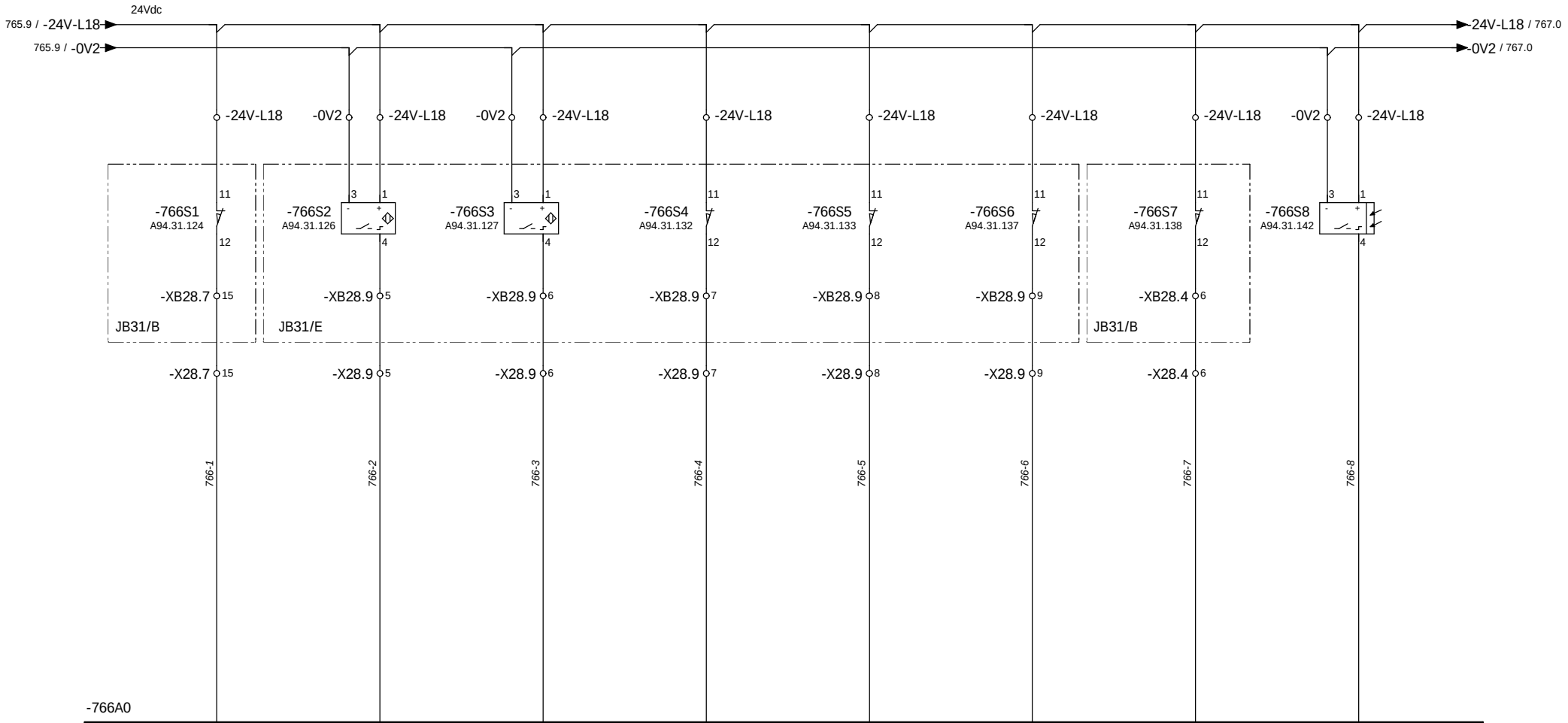
Dwg.Nr. A94

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/750.5

1	5	2	6	3	7	4	8
STACKER 2 REAR MOBILE CARRIAGE MAX BACKWARD	STACKER 2 HEAD STOPS SHEET MAX UP	STACKER 2 HEAD STOPS SHEET MAX DOWN	STACKER 2 REAR JOGGERS O.S. MAX OPEN	STACKER 2 REAR JOGGERS O.S. MAX CLOSE	STACKER 2 REAR JOGGERS M.S. MAX OPEN	STACKER 2 REAR JOGGERS M.S. MAX CLOSE	sente il materiale in arrivo per predisporre l'impilatore 2 al ricevimento dei fogli
E102.0	E102.1	E102.2	E102.3	E102.4	E102.5	E102.6	E102.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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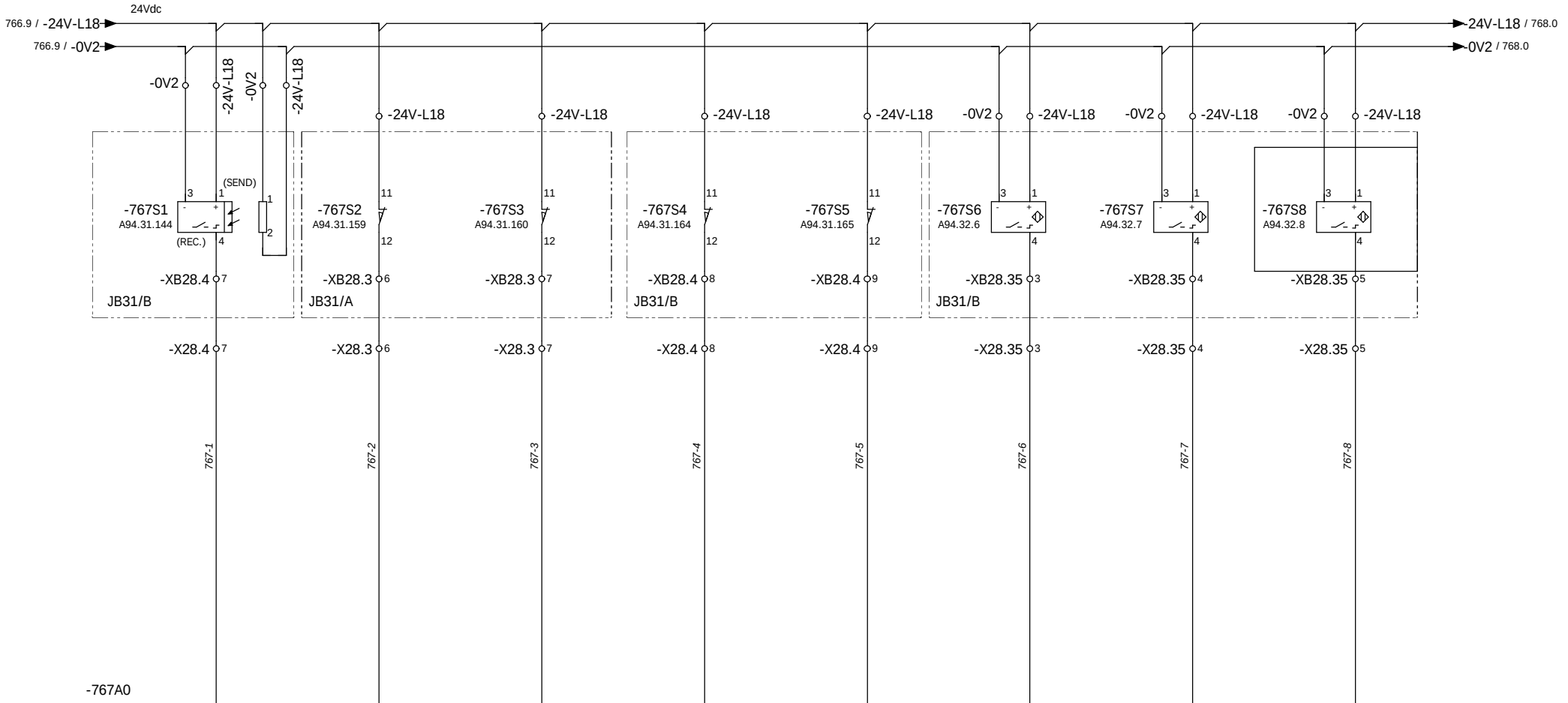
+ **Q28**

Job Nr.

Dwg.Nr. A94

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/750.5	1	5	2	6	3	7	4	8
	STACKER 1 PACKAGE ROLL SHEET NOT DOWN	STACKER 2 SHEET TRANSPORT 1&2 O.S. MAX UP	STACKER 2 SHEET TRANSPORT 1&2 O.S. MAX DOWN	STACKER 2 SHEET TRANSPORT 1&2 M.S. MAX UP	STACKER 2 SHEET TRANSPORT 1&2 M.S. MAX DOWN	LOW POSITION SHAFT DAMPERS CENTRAL O.S. ENTRY 1° PLATFORM	LOW POSITION SHAFT DAMPERS CENTRAL O.S. EXIT 1° PLATFORM	LOW POSITION SHAFT DAMPERS CENTRAL M.S. ENTRY 1° PLATFORM
	E103.0	E103.1	E103.2	E103.3	E103.4	E103.5	E103.6	E103.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

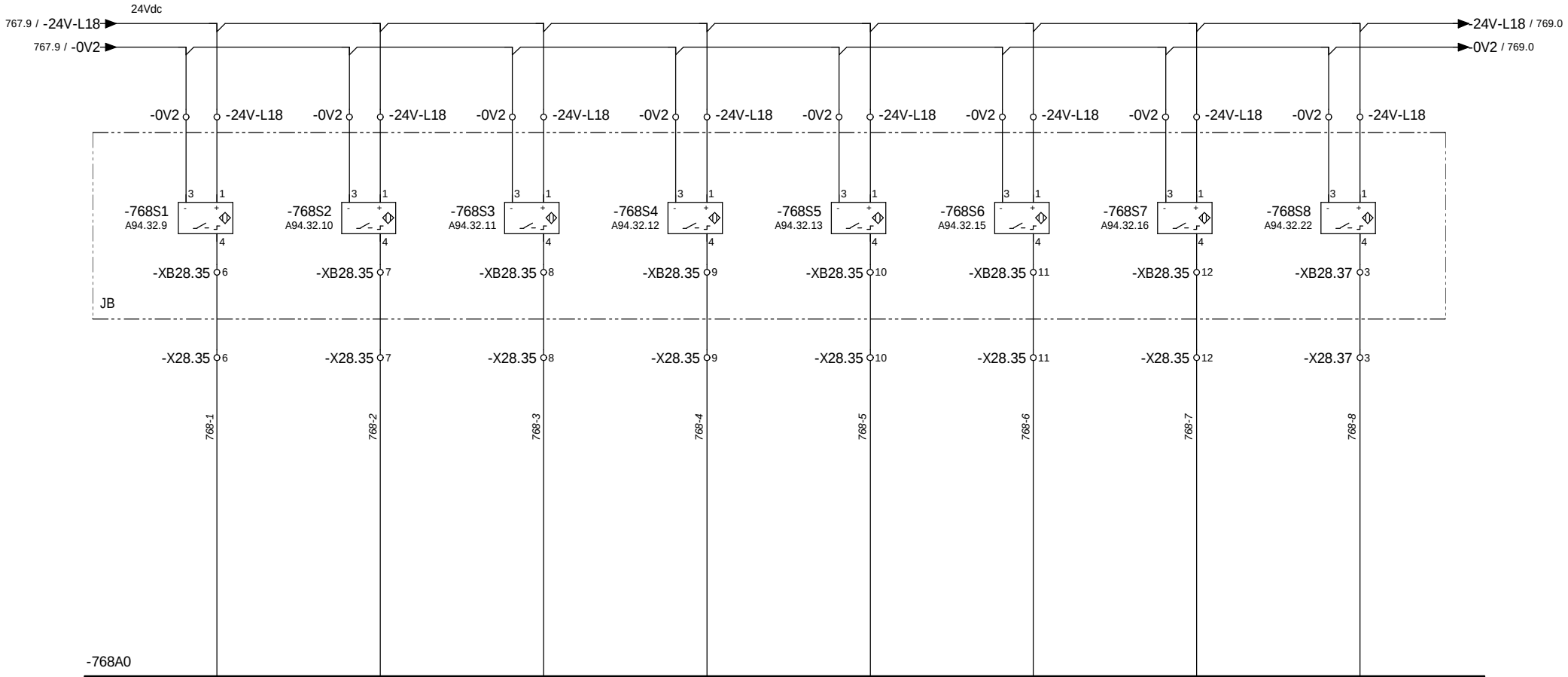
Dwg.Nr. A94

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/750.6	1	5	2	6	3	7	4	8
	LOW POSITION SHAFT DAMPERS CENTRAL M.S. EXIT 1° PLATFORM	LOW POSITION SHAFT DAMPERS LATERAL O.S. ENTRY 1° PLATFORM	LOW POSITION SHAFT DAMPERS LATERAL O.S. EXIT 1° PLATFORM	LOW POSITION SHAFT DAMPERS LATERAL M.S. ENTRY 1° PLATFORM	LOW POSITION SHAFT DAMPERS LATERAL M.S. EXIT 1° PLATFORM	CENTER ROLLS 1° PLATFORM formapacco MAX BACKWARD	CENTER ROLLS 1° PLATFORM formapacco MAX FORWARD	LOW POSITION SHAFT DAMPERS CENTRAL O.S. ENTRY 2° PLATFORM
	E104.0	E104.1	E104.2	E104.3	E104.4	E104.5	E104.6	E104.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

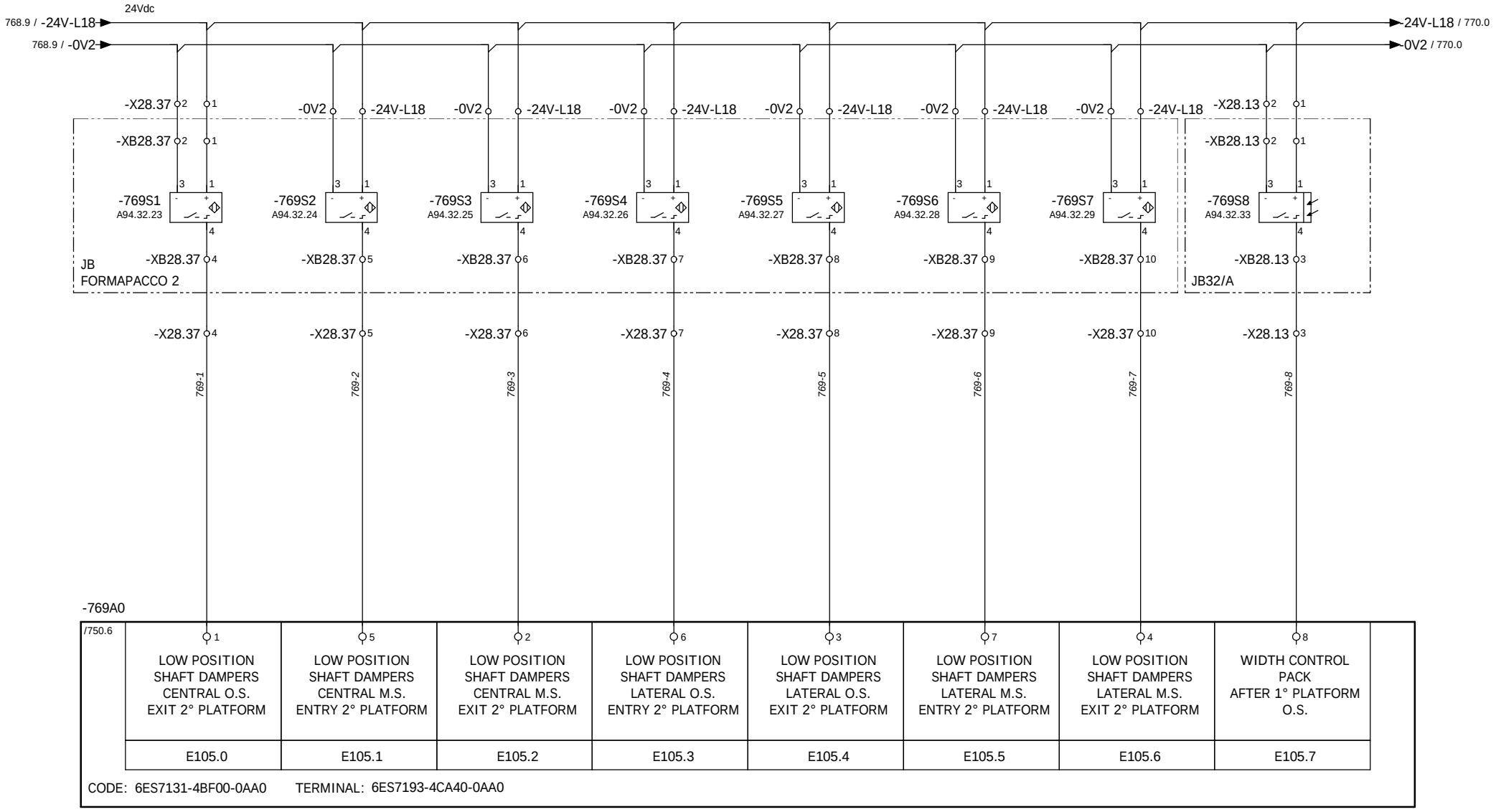
Dwg.Nr. A94

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

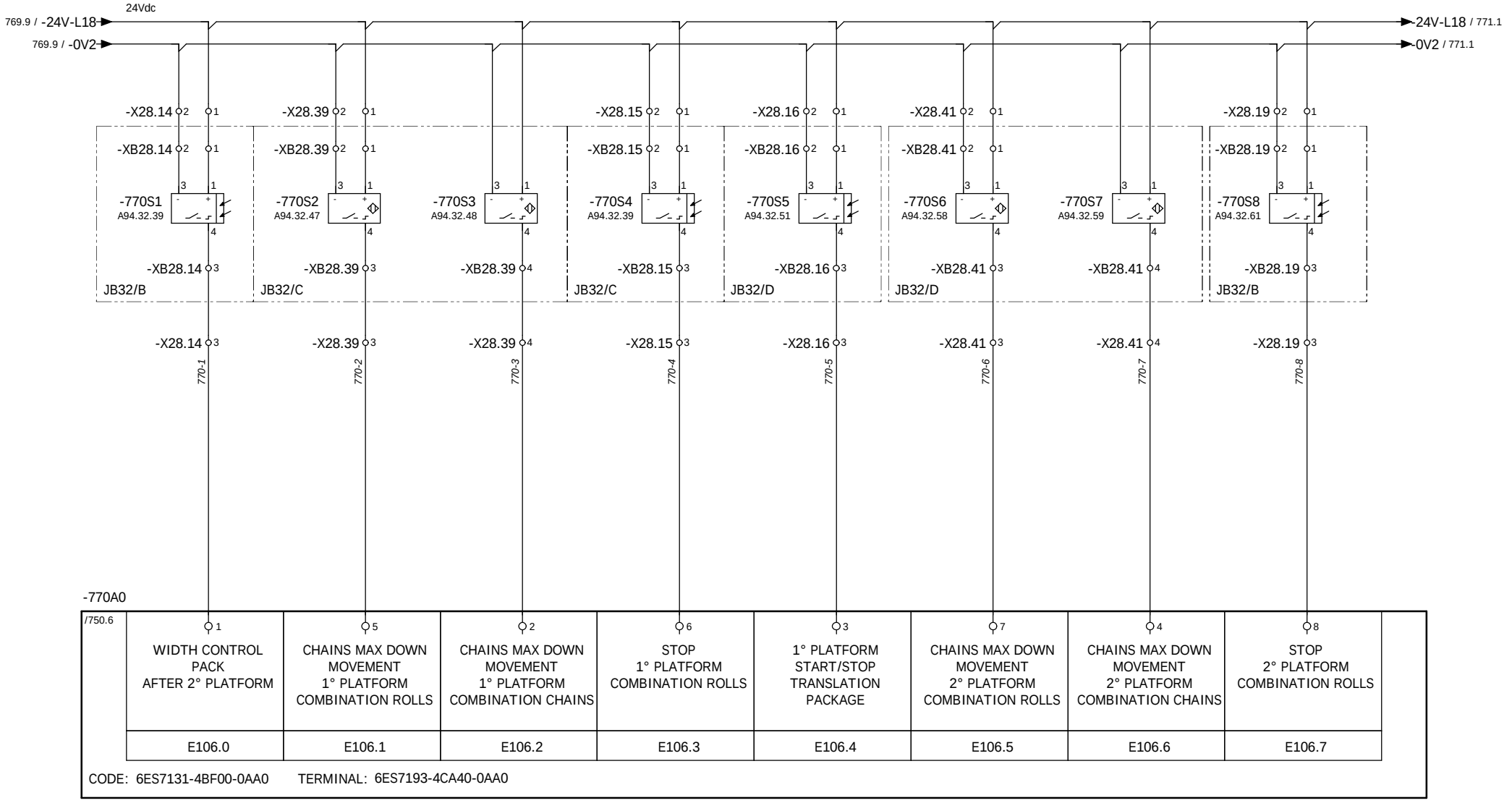
Dwg.Nr. A94

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1	5	2	6	3	7	4	8
WIDTH CONTROL PACK AFTER 2° PLATFORM	CHAINS MAX DOWN MOVEMENT 1° PLATFORM COMBINATION ROLLS	CHAINS MAX DOWN MOVEMENT 1° PLATFORM COMBINATION CHAINS	STOP 1° PLATFORM COMBINATION ROLLS	1° PLATFORM START/STOP TRANSLATION PACKAGE	CHAINS MAX DOWN MOVEMENT 2° PLATFORM COMBINATION ROLLS	CHAINS MAX DOWN MOVEMENT 2° PLATFORM COMBINATION CHAINS	STOP 2° PLATFORM COMBINATION ROLLS
E106.0	E106.1	E106.2	E106.3	E106.4	E106.5	E106.6	E106.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

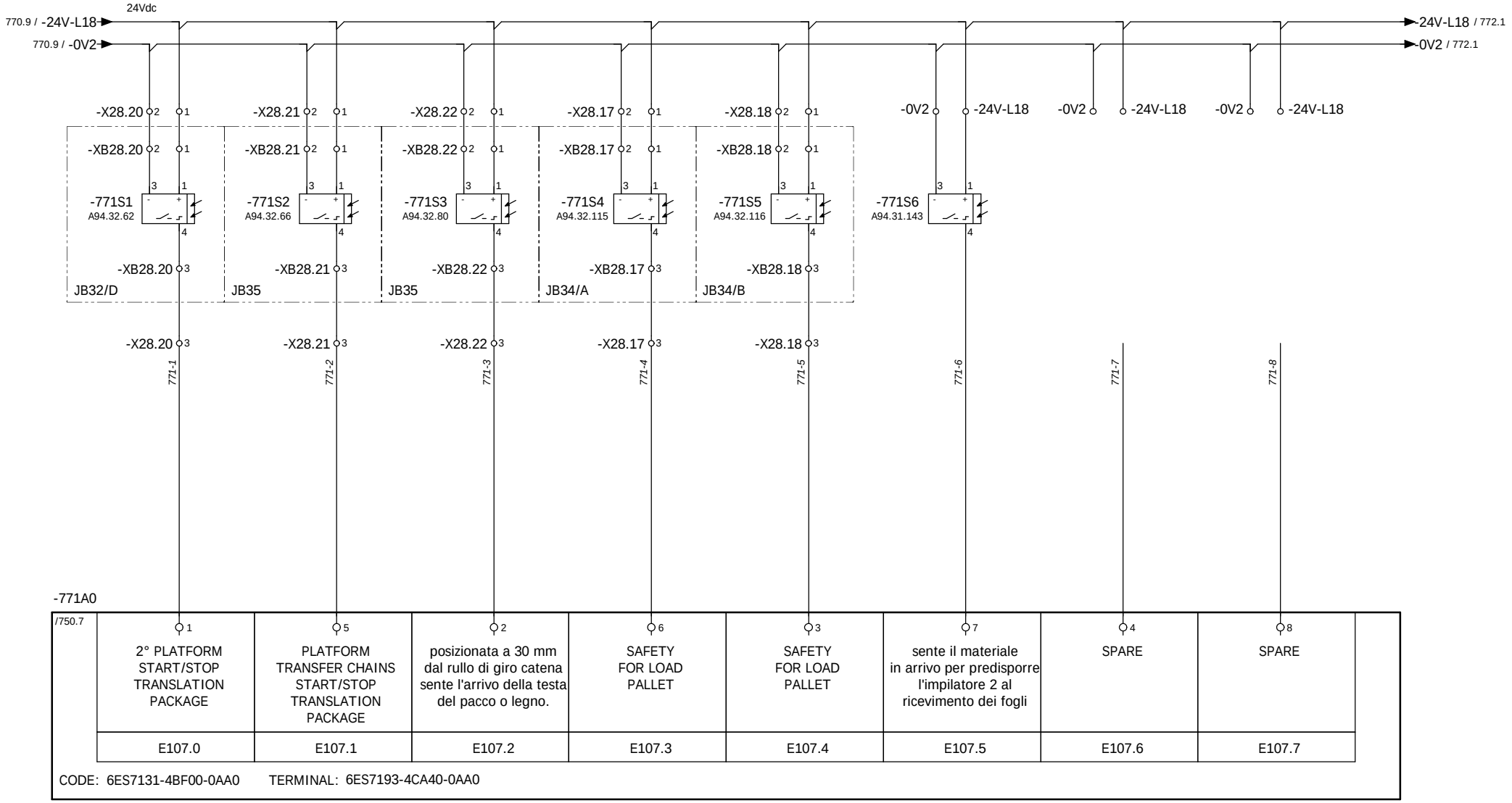
Dwg.Nr. A94

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+ **Q28**

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/750.7

1	5	2	6	3	7	4	8
2° PLATFORM START/STOP TRANSLATION PACKAGE	PLATFORM TRANSFER CHAINS START/STOP TRANSLATION PACKAGE	posizionata a 30 mm dal rullo di giro catena sente l'arrivo della testa del pacco o legno.	SAFETY FOR LOAD PALLET	SAFETY FOR LOAD PALLET	sente il materiale in arrivo per predisporre l'impilatore 2 al ricevimento dei fogli	SPARE	SPARE
E107.0	E107.1	E107.2	E107.3	E107.4	E107.5	E107.6	E107.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

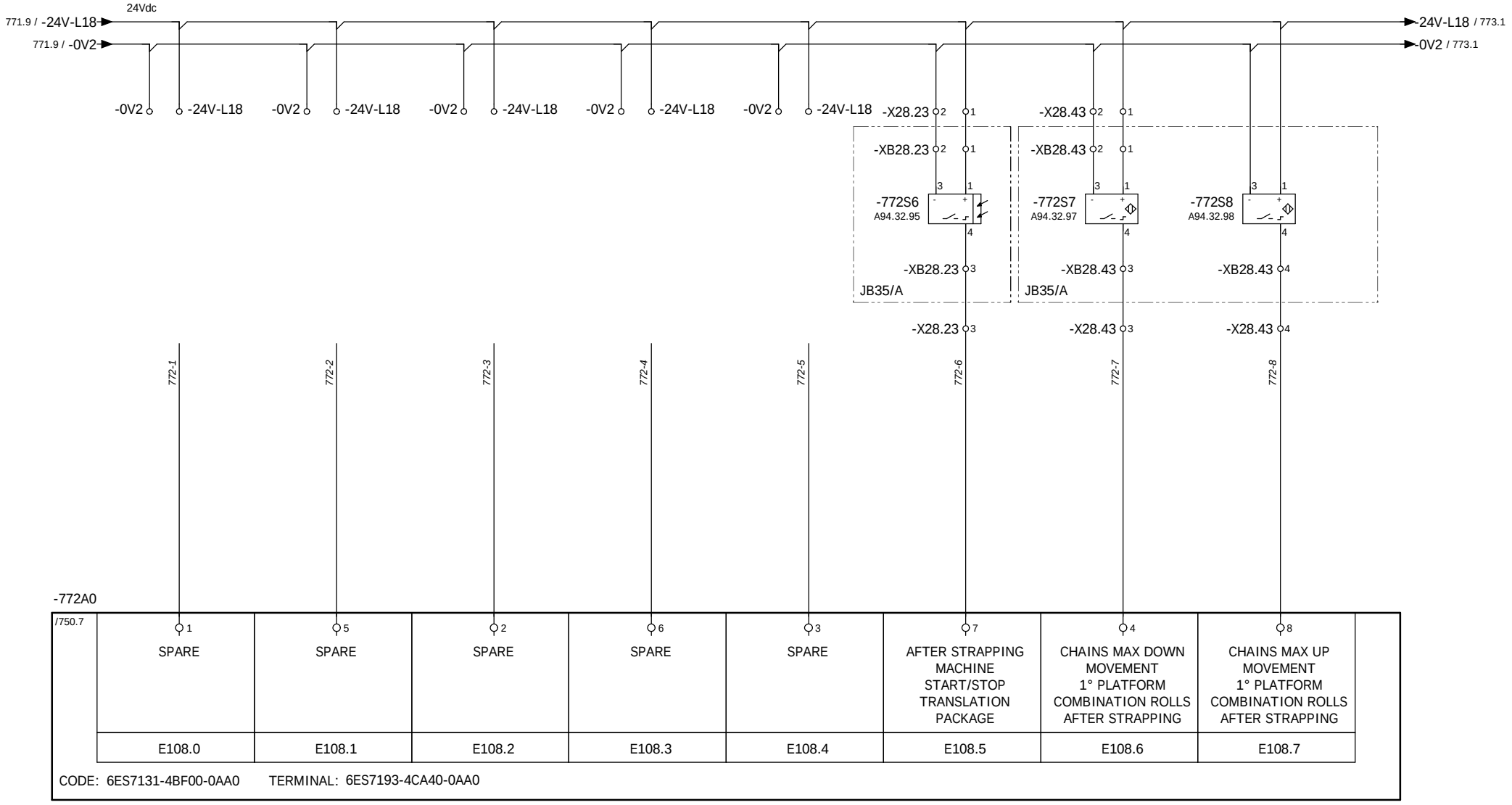
Dwg.Nr. A94

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NOVASTILMEC A94

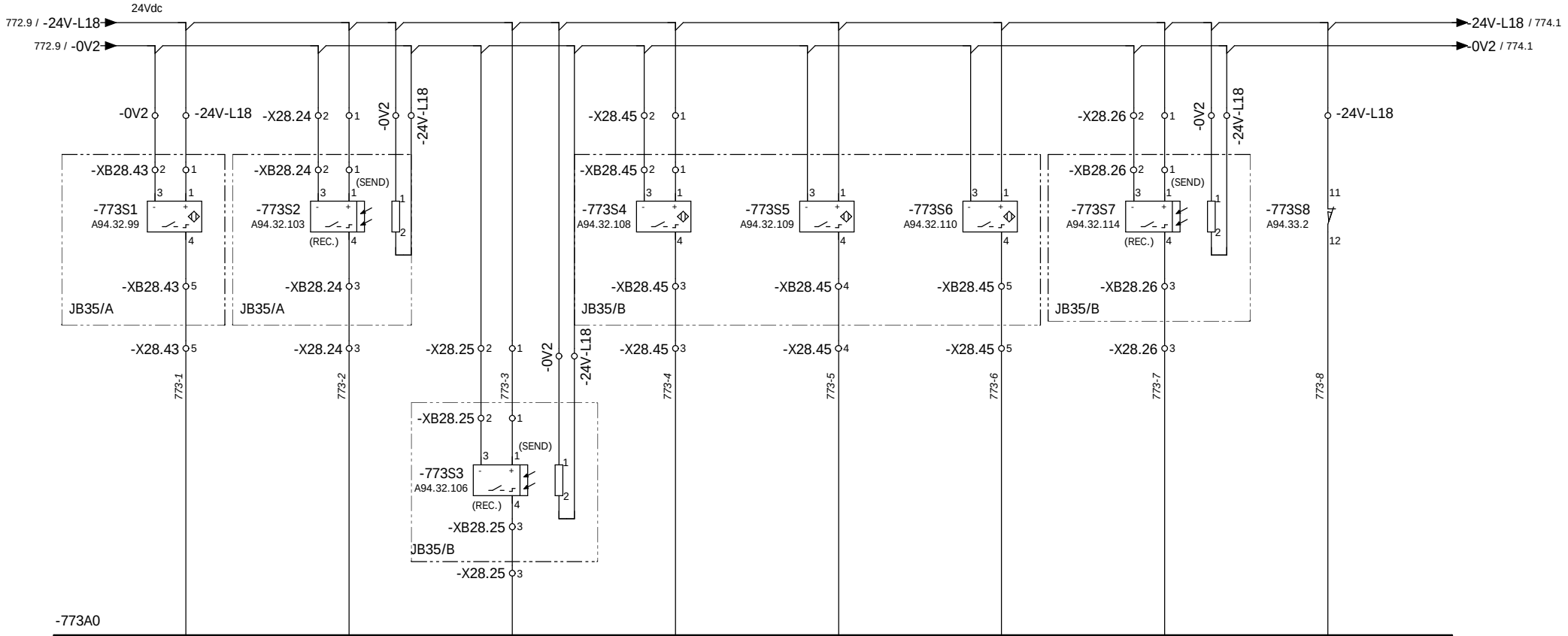
Job Nr.

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NOVASTILMEC S.p.A. Coil Processing Equipment

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NOVASTILMEC A94

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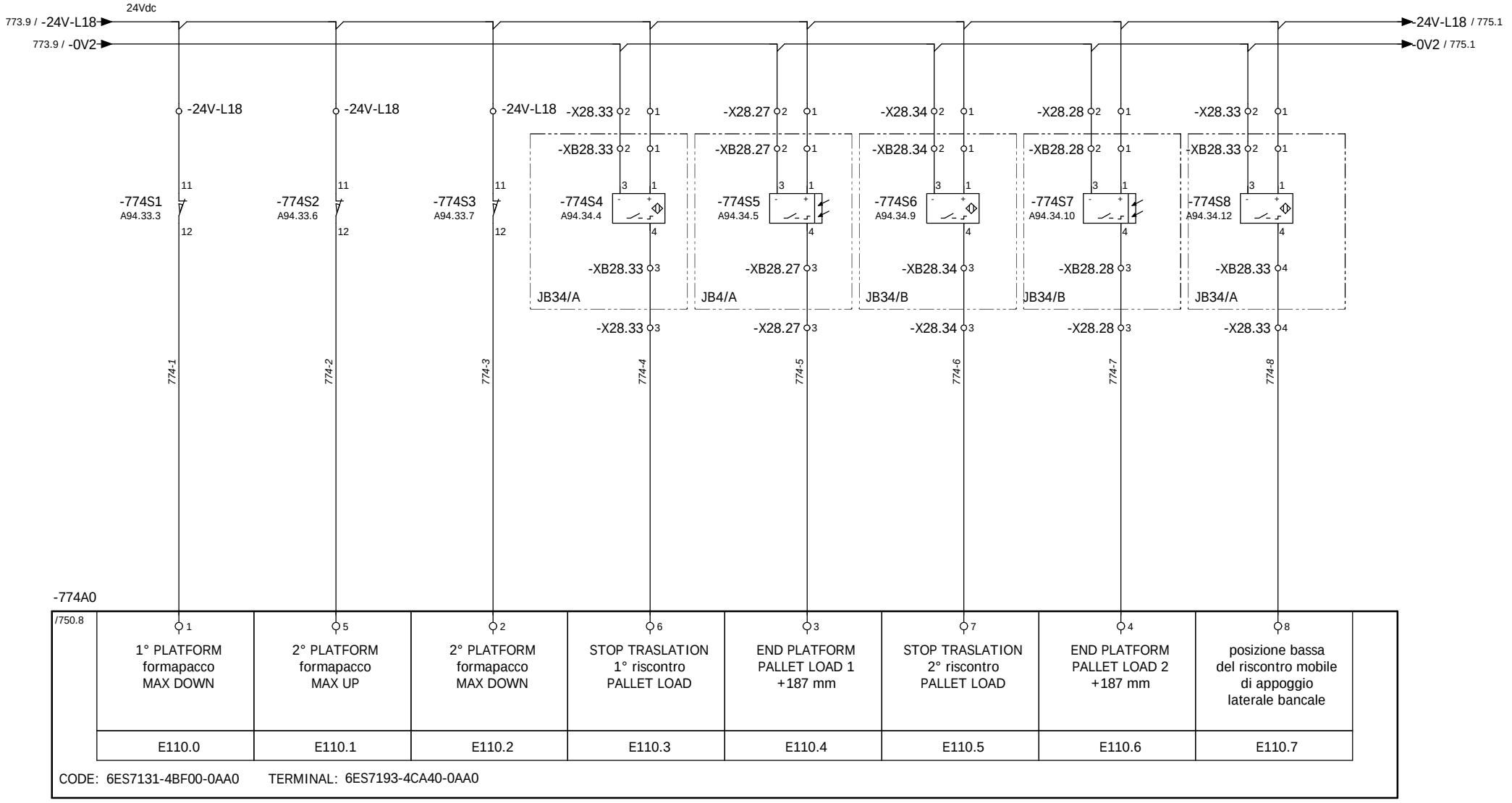
Dwg.Nr. A94

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-774A0

/750.8	1	5	2	6	3	7	4	8
	1° PLATFORM formapacco MAX DOWN	2° PLATFORM formapacco MAX UP	2° PLATFORM formapacco MAX DOWN	STOP TRASLATION 1° riscontro PALLET LOAD	END PLATFORM PALLET LOAD 1 +187 mm	STOP TRASLATION 2° riscontro PALLET LOAD	END PLATFORM PALLET LOAD 2 +187 mm	posizione bassa del riscontro mobile di appoggio laterale bancale
	E110.0	E110.1	E110.2	E110.3	E110.4	E110.5	E110.6	E110.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CA40-0AA0

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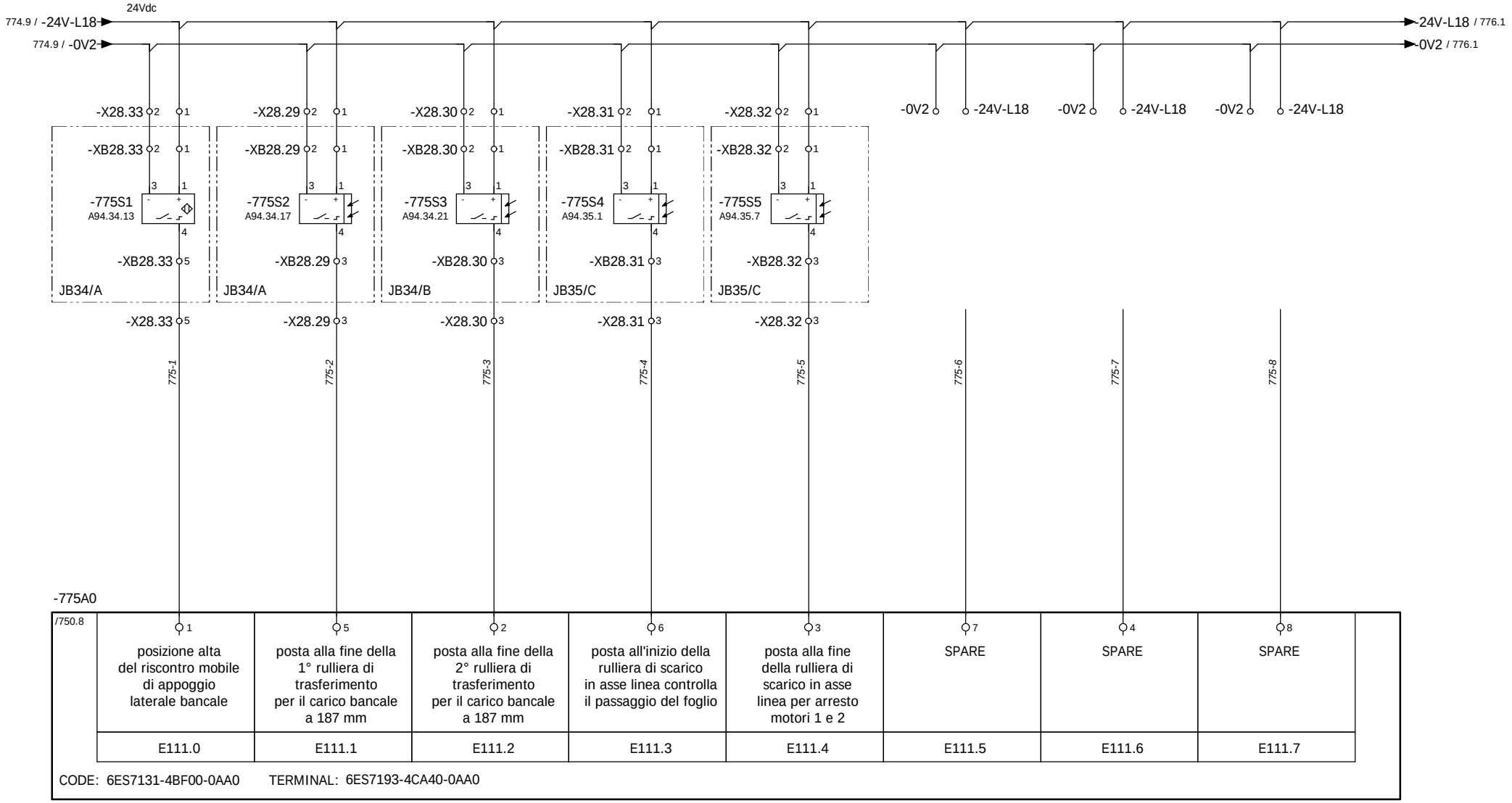
Dwg.Nr. A94

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+ **Q28**

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1	5	2	6	3	7	4	8
posizione alta del riscontro mobile di appoggio laterale bancale	posta alla fine della 1° rulliera di trasferimento per il carico bancale a 187 mm	posta alla fine della 2° rulliera di trasferimento per il carico bancale a 187 mm	posta all'inizio della rulliera di scarico in asse linea controlla il passaggio del foglio	posta alla fine della rulliera di scarico in asse linea per arresto motori 1 e 2	SPARE	SPARE	SPARE
E111.0	E111.1	E111.2	E111.3	E111.4	E111.5	E111.6	E111.7

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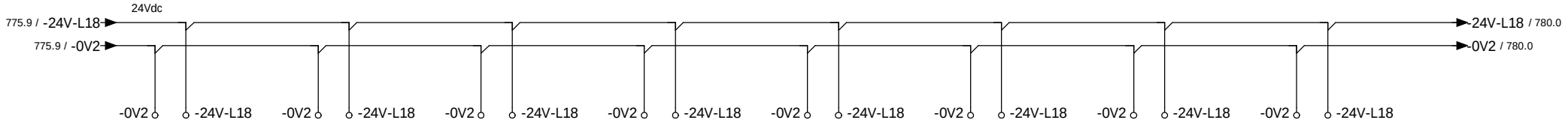
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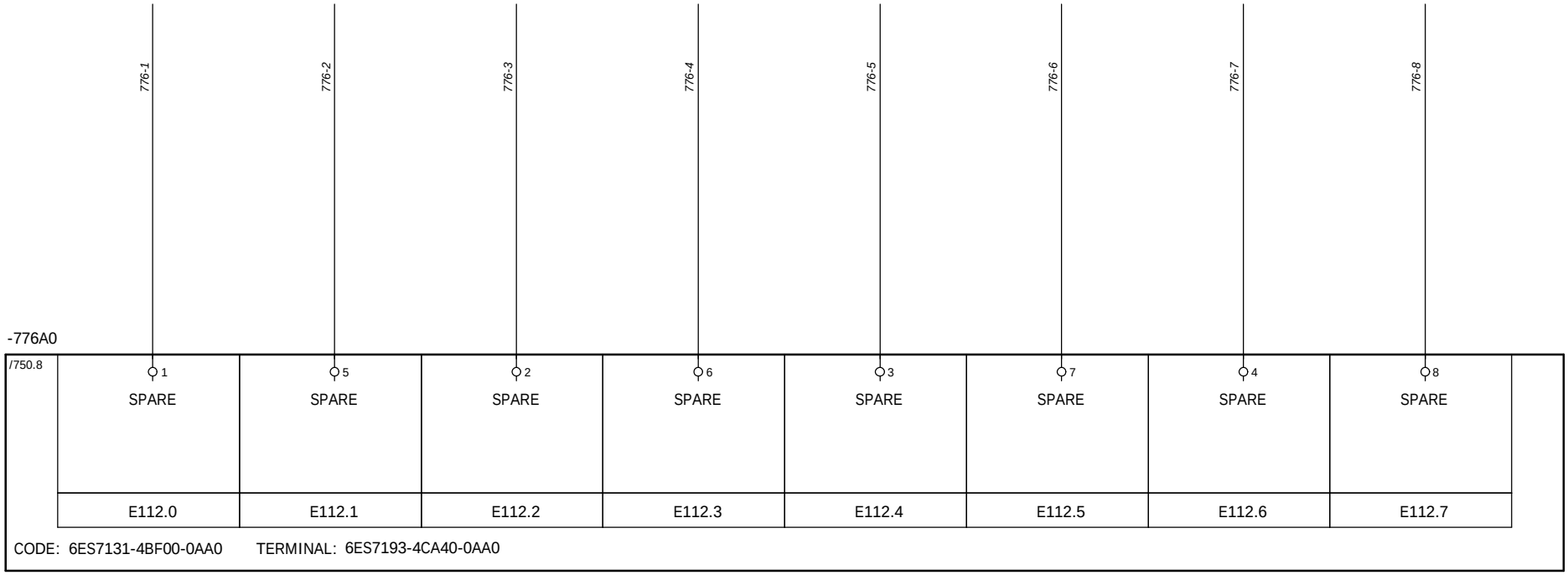
Job Nr.

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NOVASTILMEC A94

Job Nr.

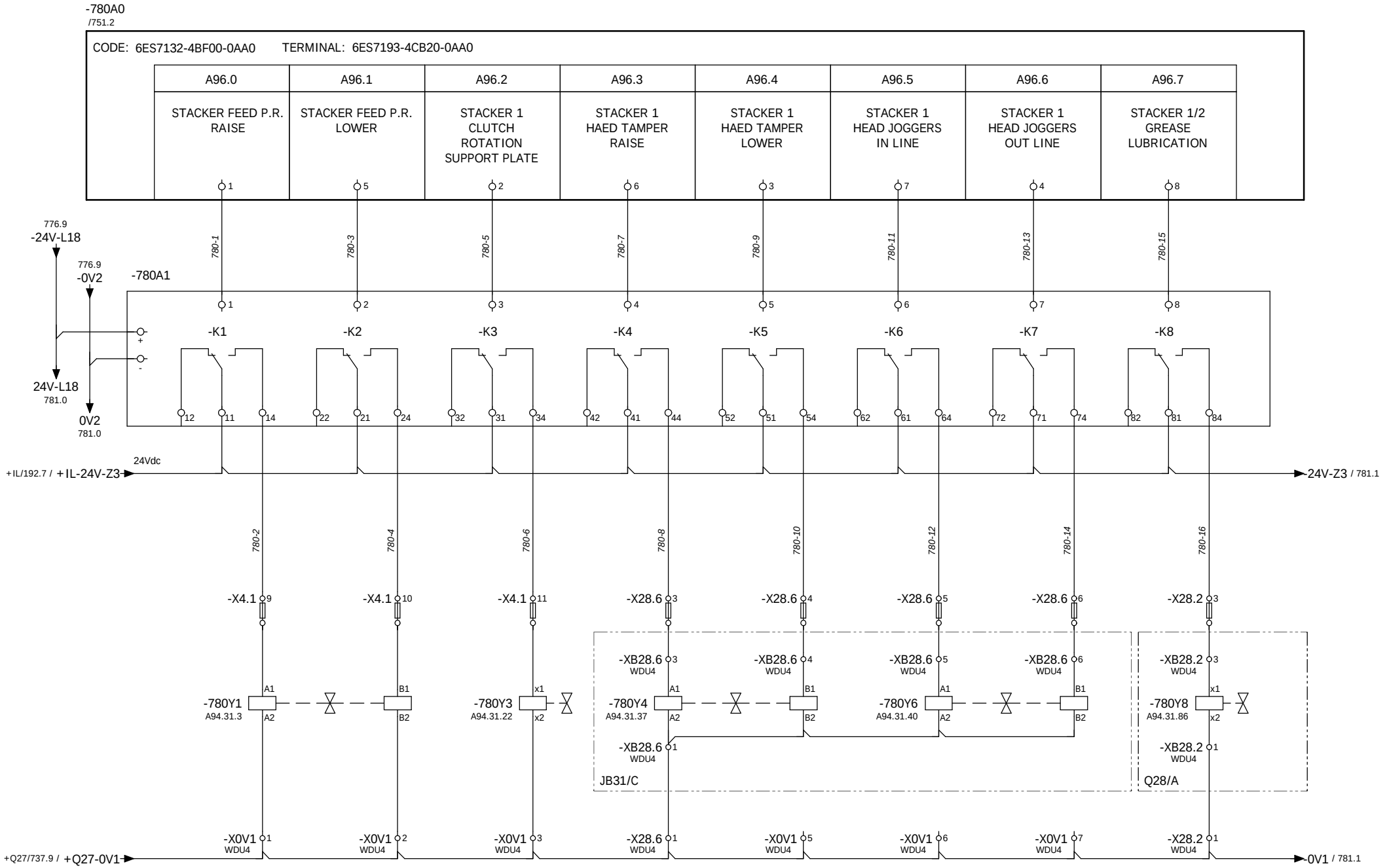
Dwg.Nr. A94

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DIGITAL OUTPUTS

Descript.

NOVASTILMEC A94

Job Nr.

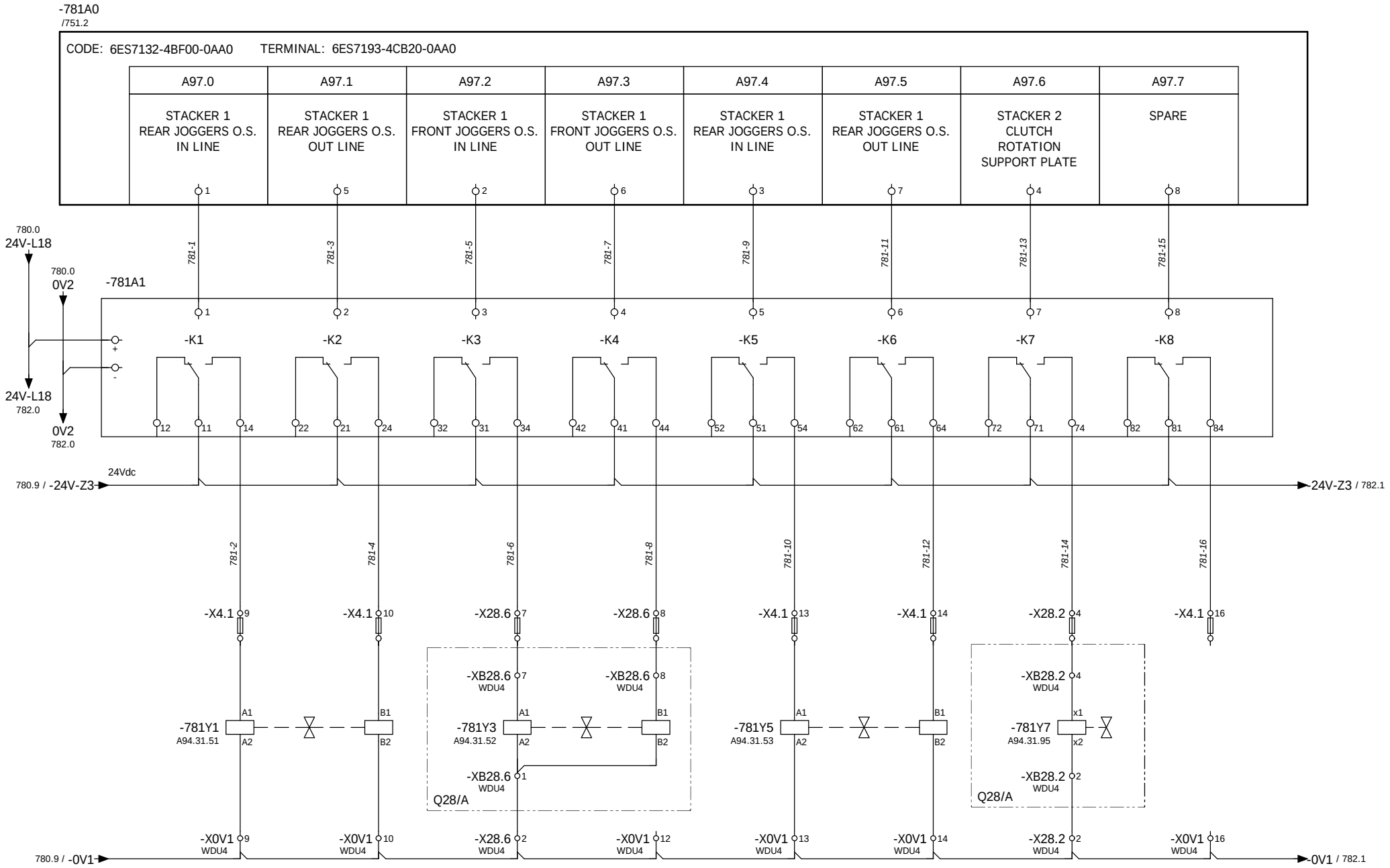
Dwg.Nr. A94

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NOVASTILMEC A94

Job Nr.

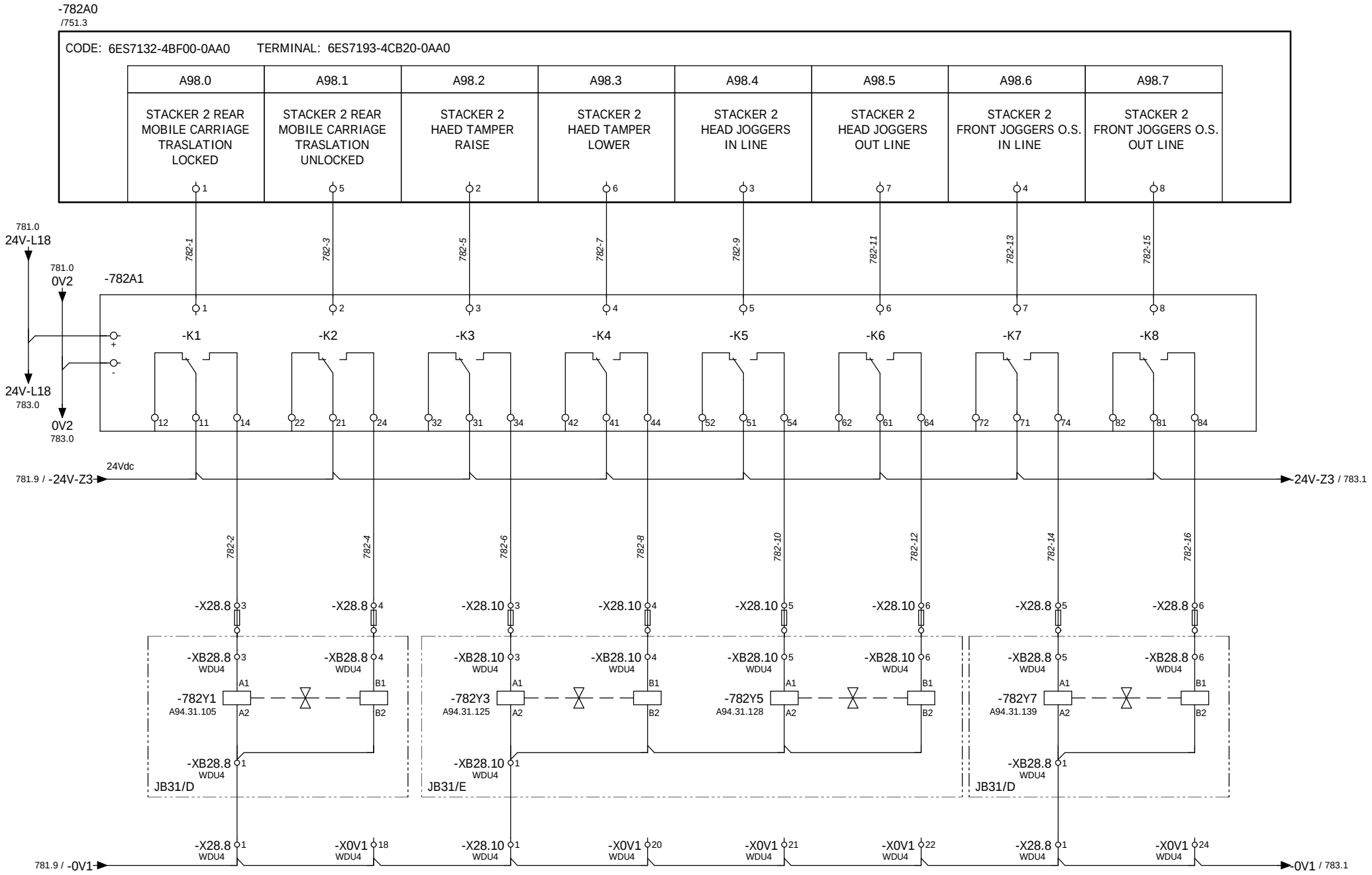
Dwg.Nr. A94

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+ **Q28**

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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUTS

Descript.

NOVASTILMEC A94

Job Nr.

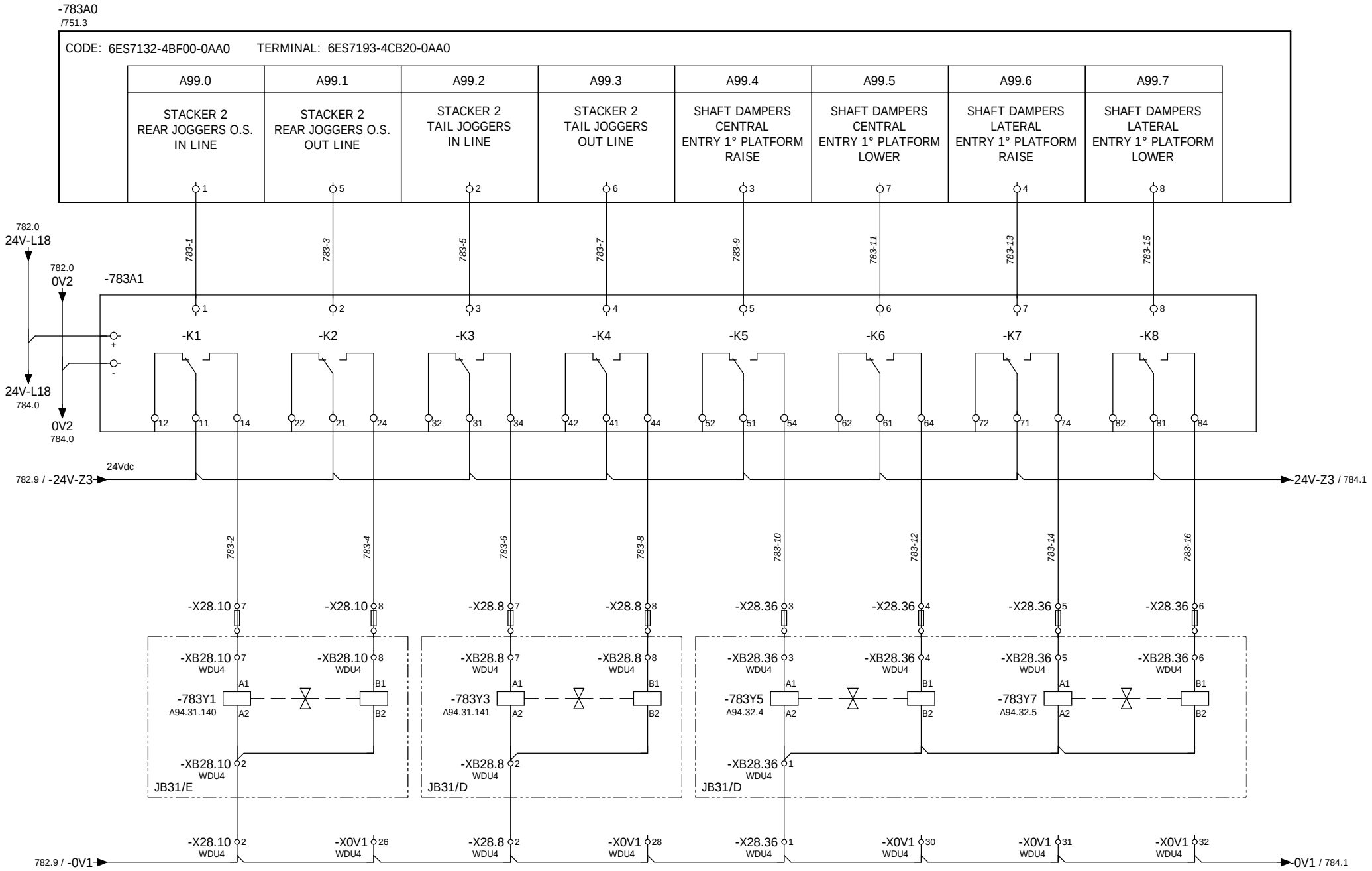
Dwg.Nr. A94

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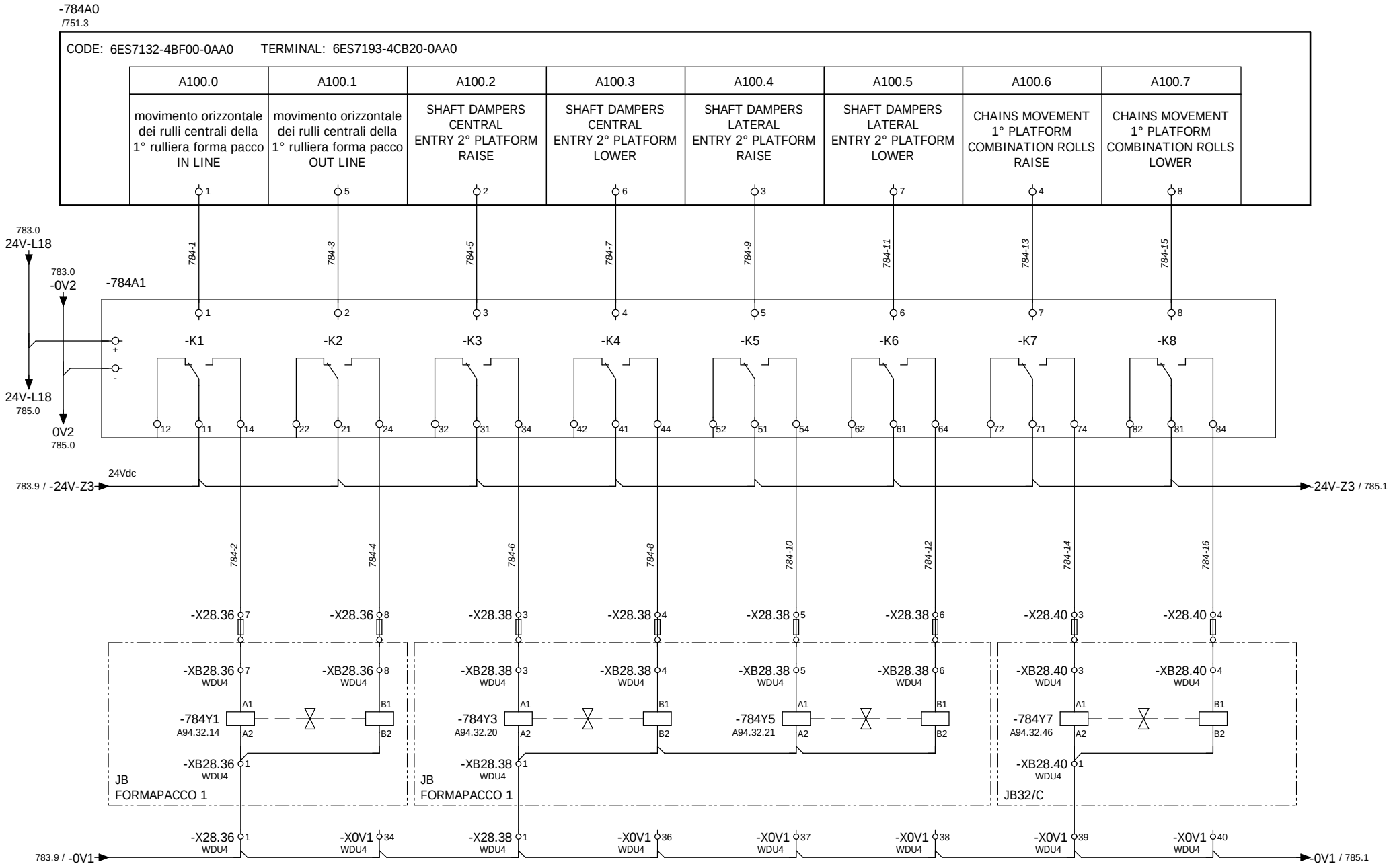
+ **Q28**

Page **782**

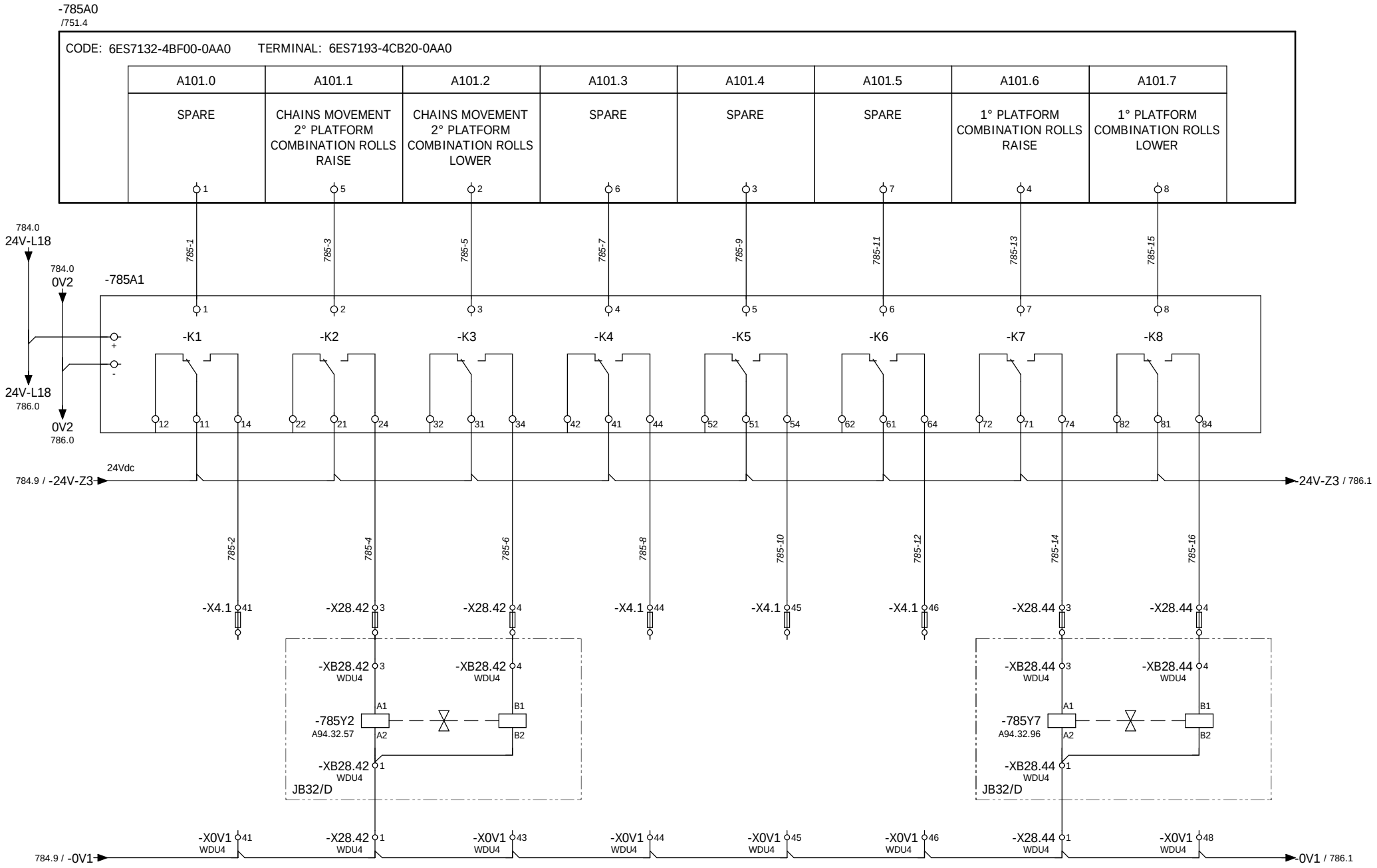
Follow 783



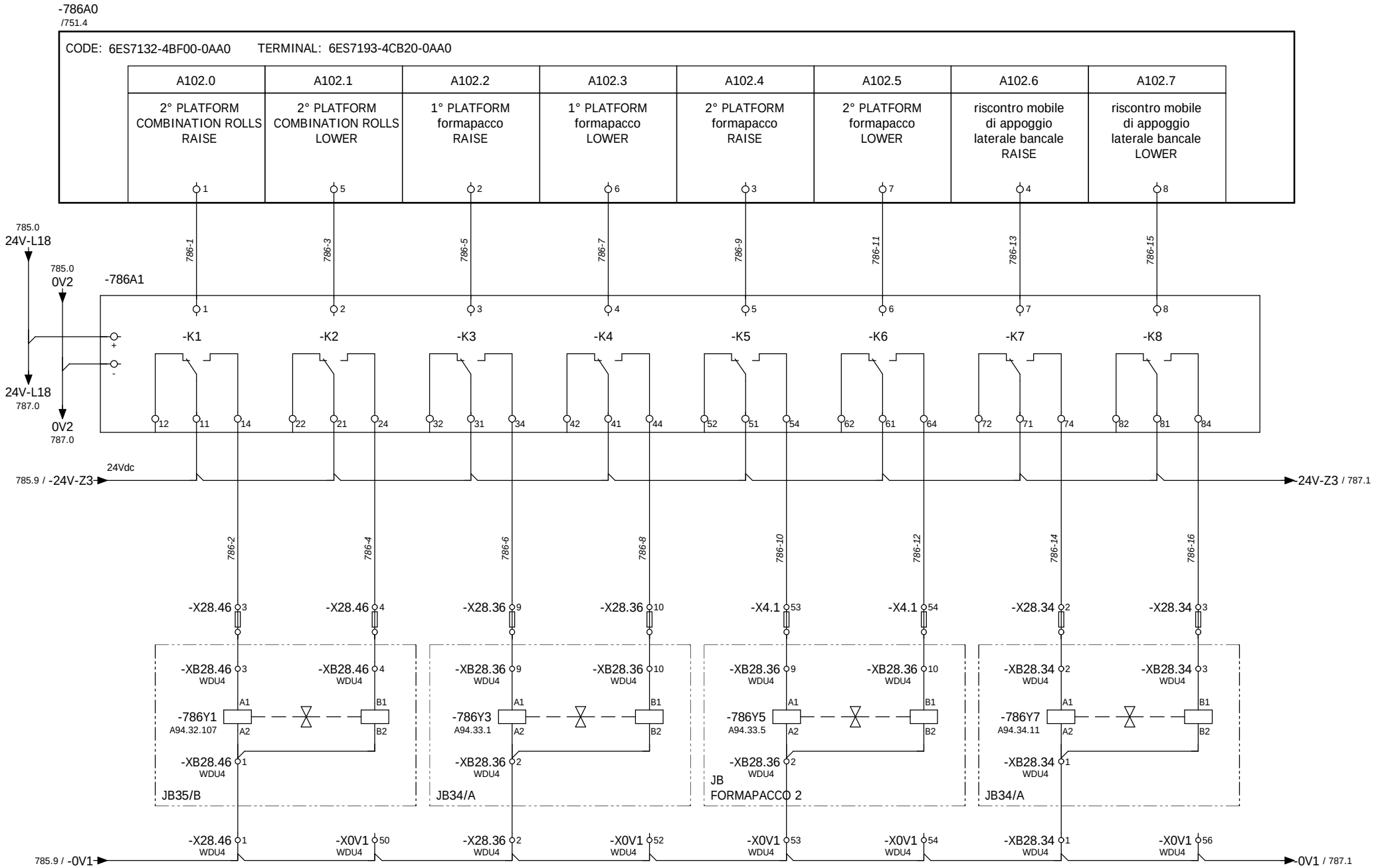
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				Drawn	TPM				= A94
				Check	ALE				+ **Q28**
Rev.	Descript.	Date	Name	Original				Descript.	Job Nr. / Dwg.Nr. A94 / Page **783** / Follow 784



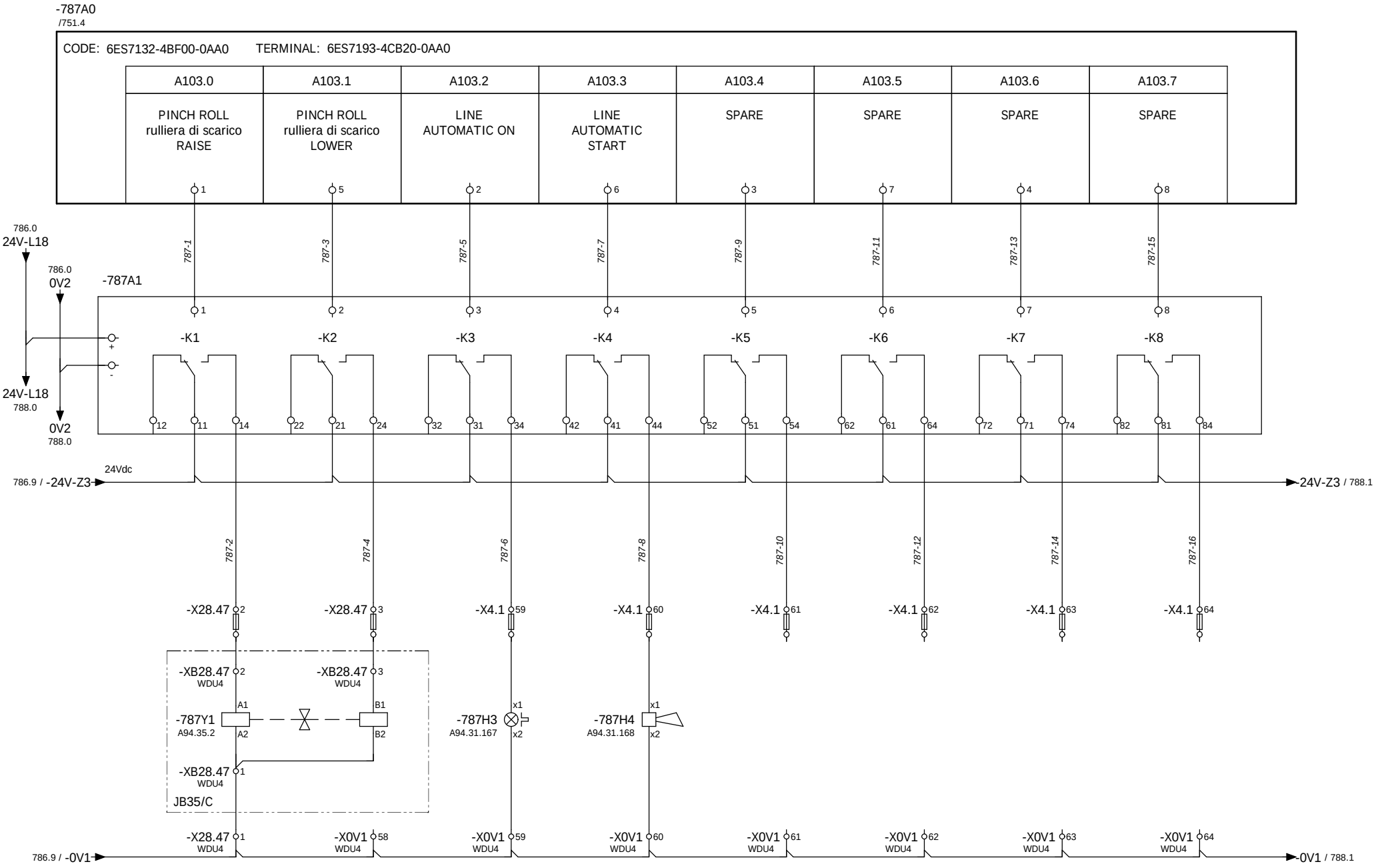
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				Drawn	TPM					+ **Q28**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **784**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 785



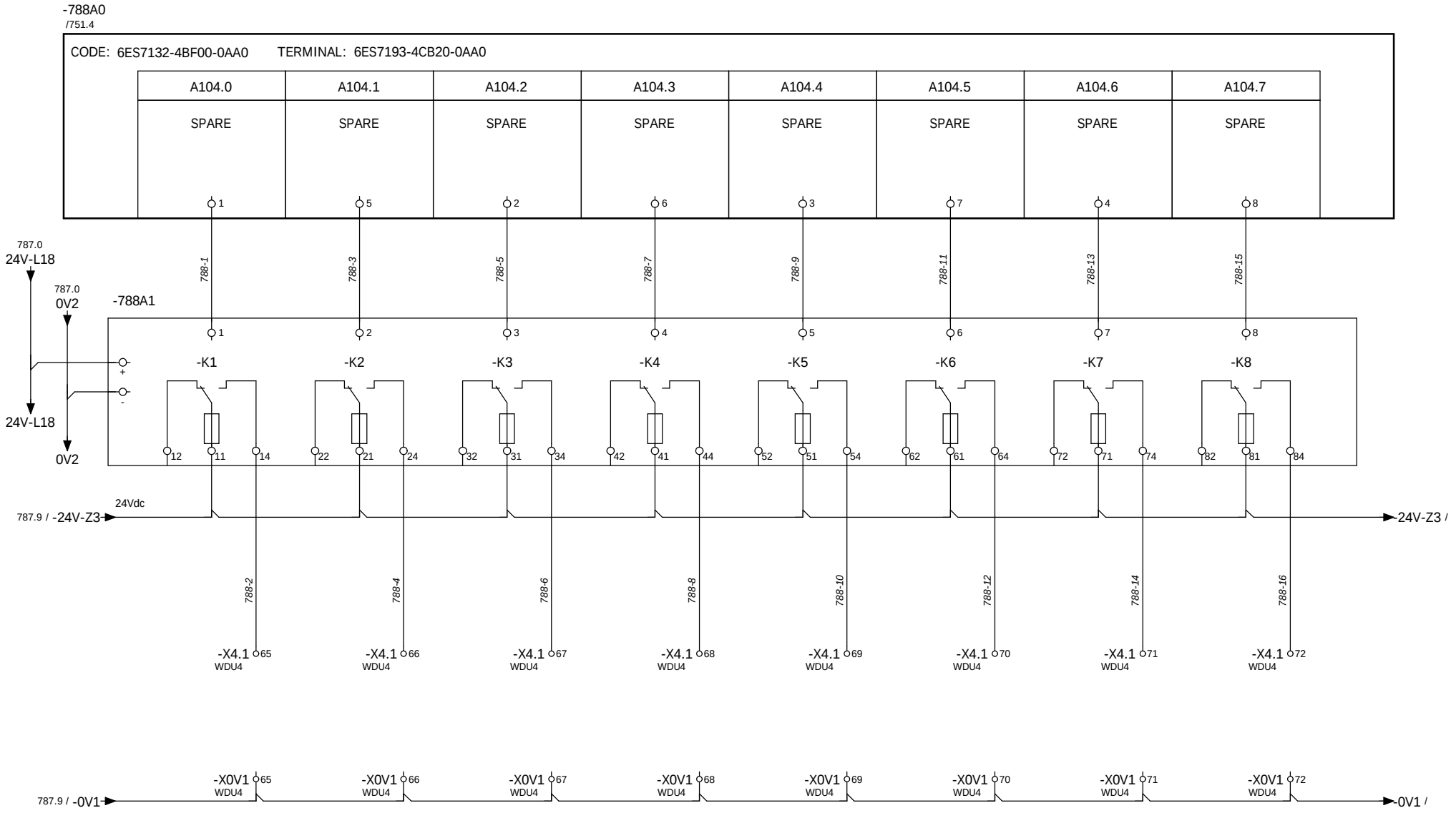
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				Drawn	TPM					+ **Q28**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **785**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 786



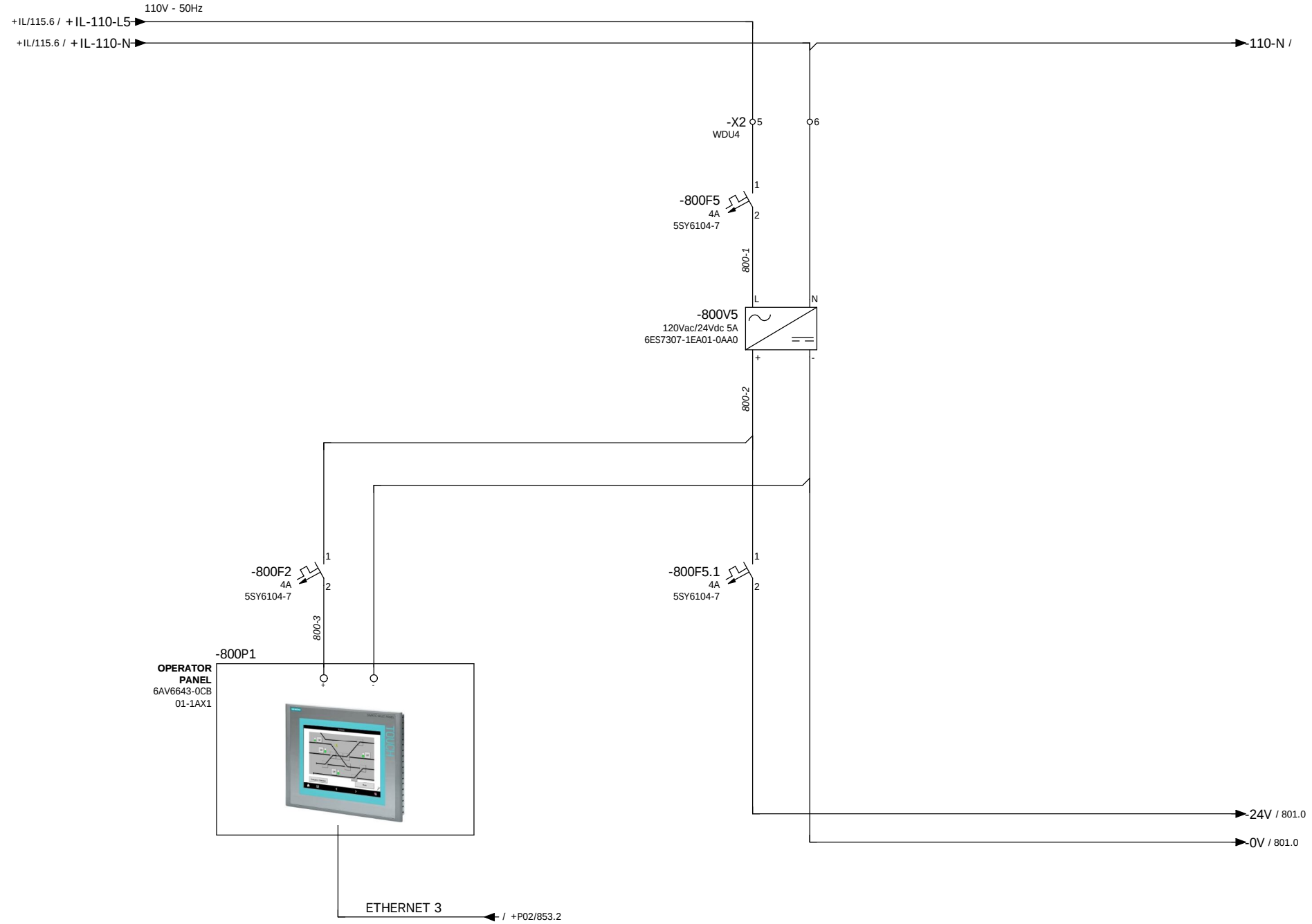
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				Drawn	TPM	GA-Tech		= A94
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Rev.	Descript.	Date	Name	Original			Descript.	Job Nr. / Dwg.Nr. A94 / Page **786** / Follow 787



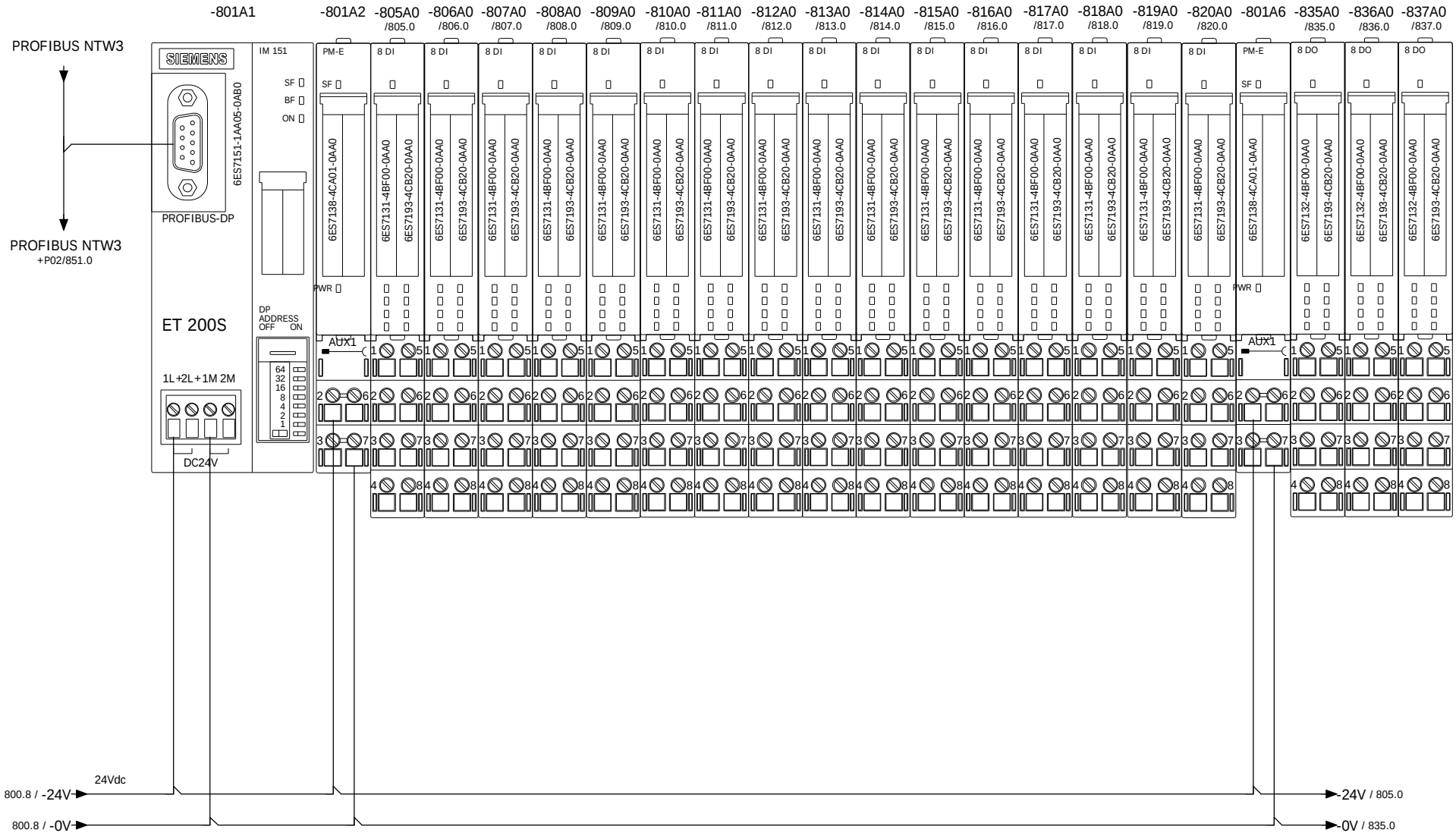
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				Drawn	TPM					+ **Q28**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **787**
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **Q28**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **788**
Rev.	Descript.	Date	Name	Original				Descript.		Follow +P01/800



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	POWER SUPPLY ENTRY DESK	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P01**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **800**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 801



Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
ENTRY DESK
Descript.

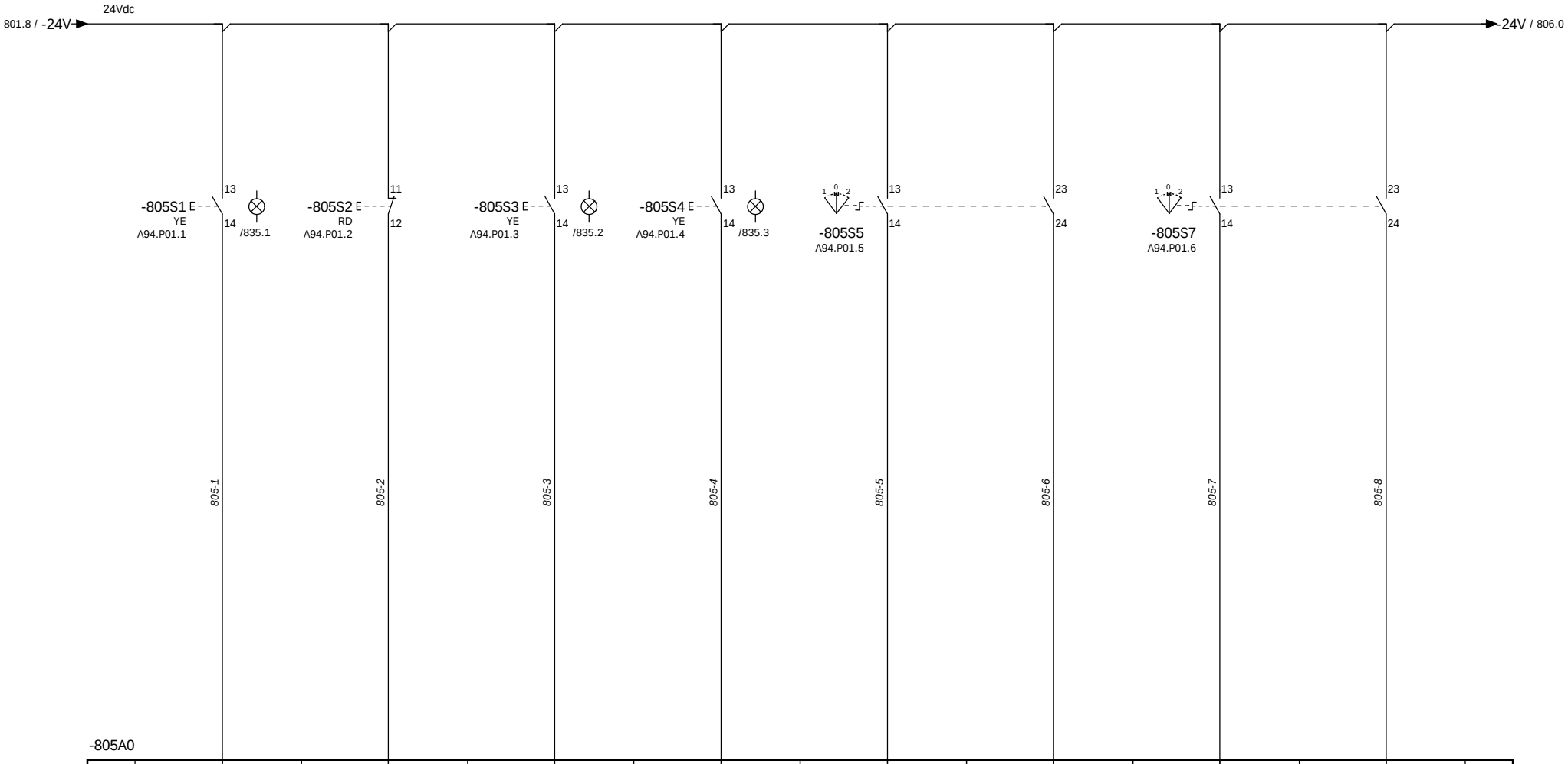
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

= A94
+ **P01**

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Follow 805



-805A0

/801.2

1	5	2	6	3	7	4	8
ENTRY COIL CAR TRASLATION STATION 1	ENTRY COIL CAR TRASLATION STOP	ENTRY COIL CAR TRASLATION STATION 2	ENTRY COIL CAR TRASLATION STATION 3	ENTRY COIL CAR CLOCKWISE	ENTRY COIL CAR ANTICLOCKWISE	ENTRY COIL CAR IN LINE	ENTRY COIL CAR OUT LINE
E120.0	E120.1	E120.2	E120.3	E120.4	E120.5	E120.6	E120.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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Date	27.03.2012
Drawn	TPM
Check	ALE
Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

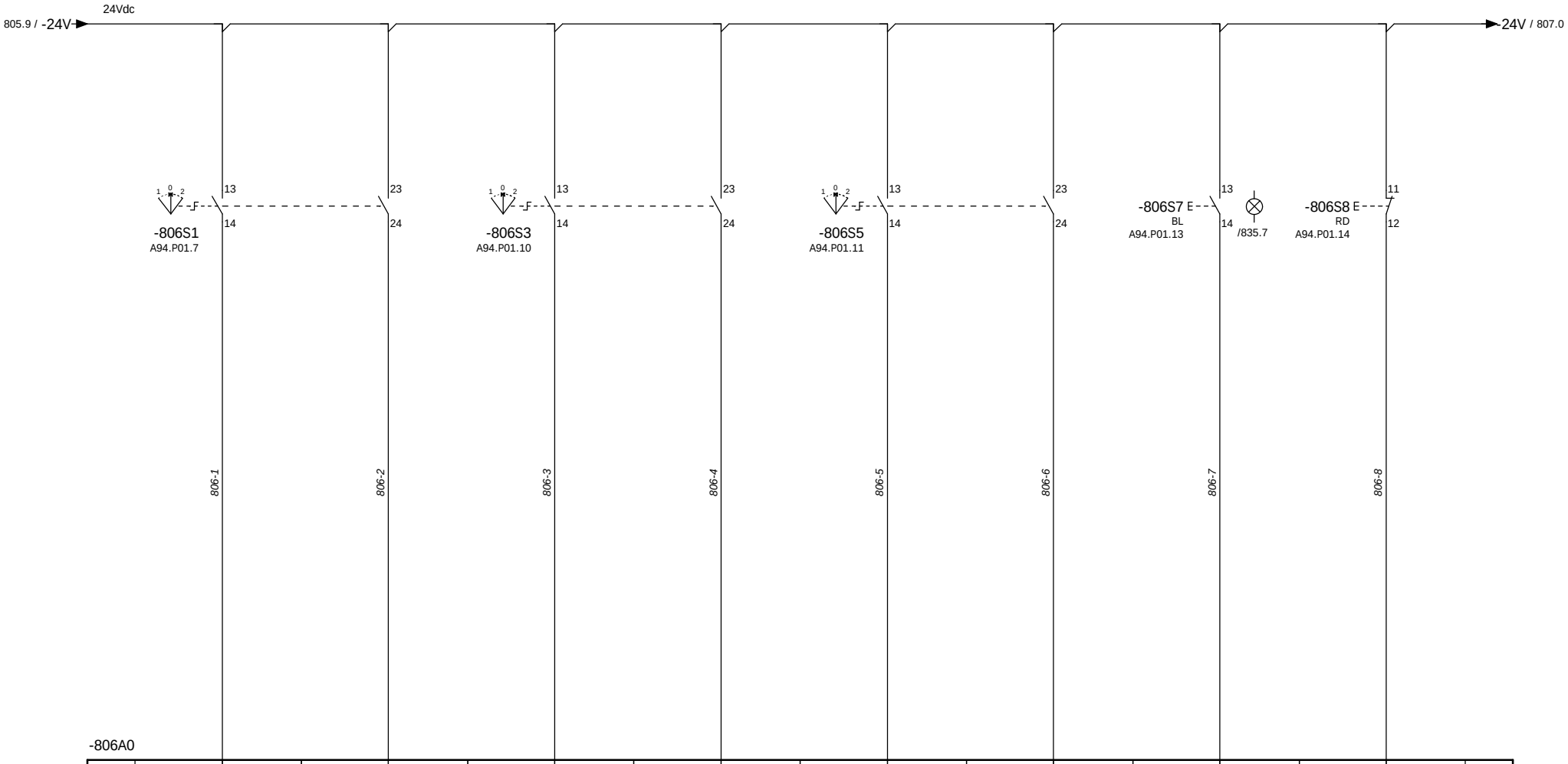
Job Nr.

Dwg.Nr. A94

= A94
+ **P01**

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Follow 806

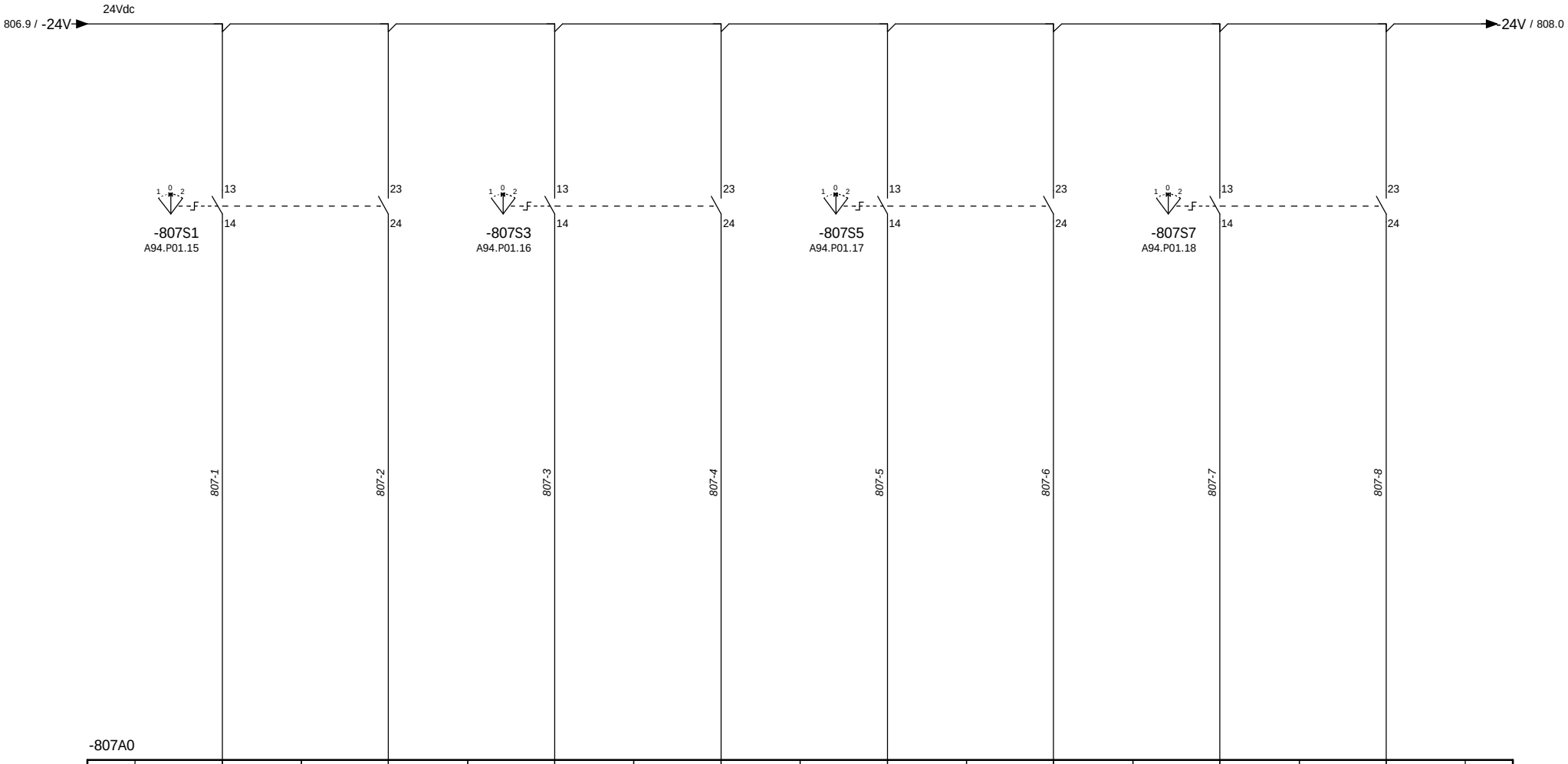


-806A0

/801.2	1	5	2	6	3	7	4	8
	ENTRY COIL CAR FORWARD	ENTRY COIL CAR BACKWARD	ENTRY COIL CAR UP	ENTRY COIL CAR DOWN	COIL ROTATION CLOCKWISE	COIL ROTATION ANTICLOCKWISE	AUTOMATIC LOADING COIL	AUTOMATIC LOADING COIL STOP
	E121.0	E121.1	E121.2	E121.3	E121.4	E121.5	E121.6	E121.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL INPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P01**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **806**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 807



-807A0

/801.3	1	5	2	6	3	7	4	8
	CENTER PRESSURE ROLL UP	CENTER PRESSURE ROLL DOWN	REAR PRESSURE ROLL UP	REAR PRESSURE ROLL DOWN	movimento verticale del rullo piega lingua	movimento verticale del rullo piega lingua	CENTER PRESSURE ROLL ROTATION FORWARD	CENTER PRESSURE ROLL ROTATION BACKWARD
	E122.0	E122.1	E122.2	E122.3	E122.4	E122.5	E122.6	E122.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

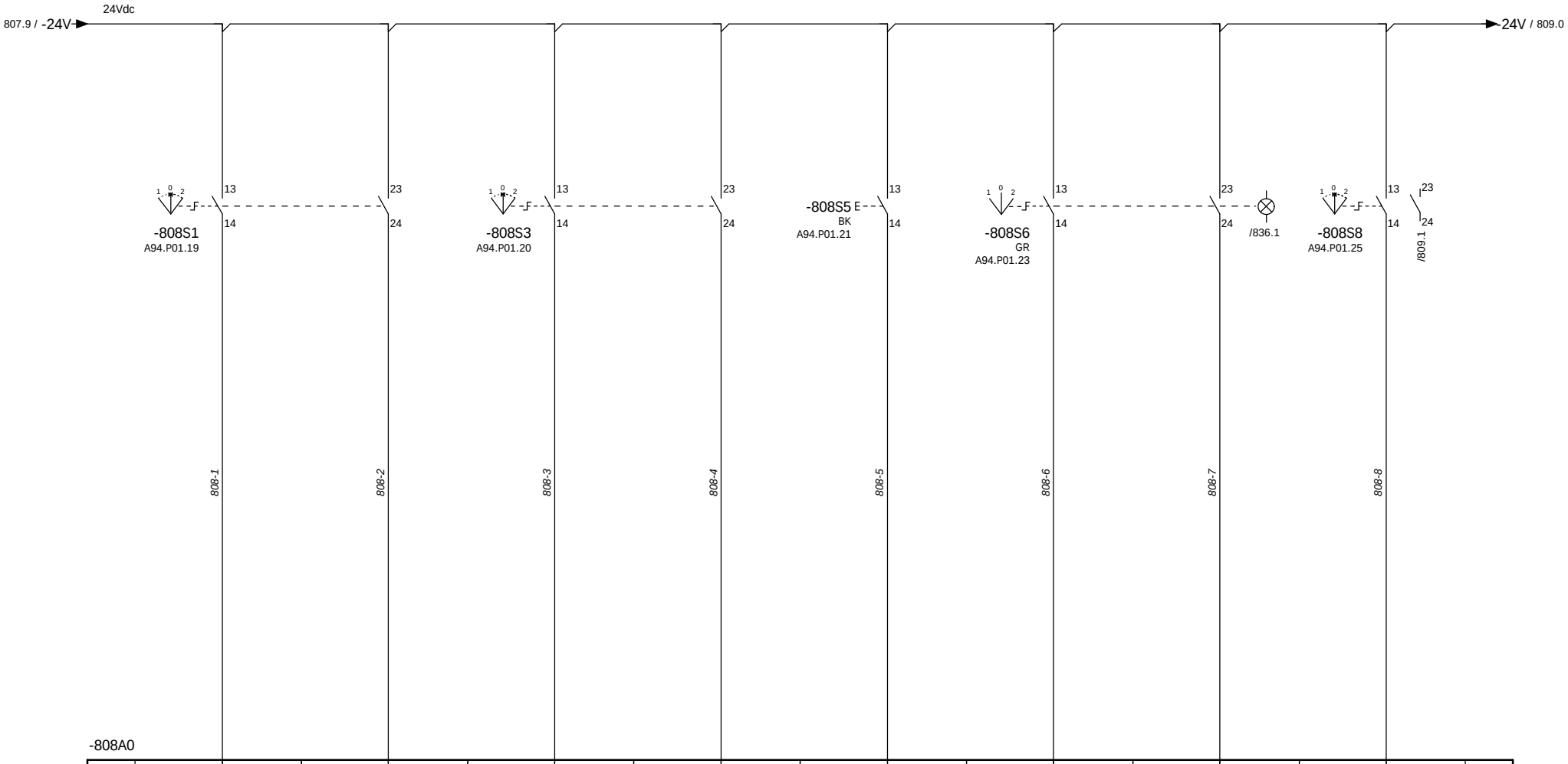
Dwg.Nr. A94

= A94

+ **P01**

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-808A0

/801.3	1	5	2	6	3	7	4	8
	REAR PRESSURE ROLL ROTATION FORWARD	REAR PRESSURE ROLL ROTATION BACKWARD	accoppiata rotazione aspi + rullo pressore posteriore	accoppiata rotazione aspi + rullo pressore posteriore	movimento orizzontale del rullo pressore centrale, posteriore e piega lingua	PAPER RECOILER FORWARD	PAPER RECOILER BACKWARD	PAPER RECOILER UP
	E123.0	E123.1	E123.3	E123.4	E123.5	E123.6	E123.7	E123.8

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name	Original	
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				Drawn	TPM
				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

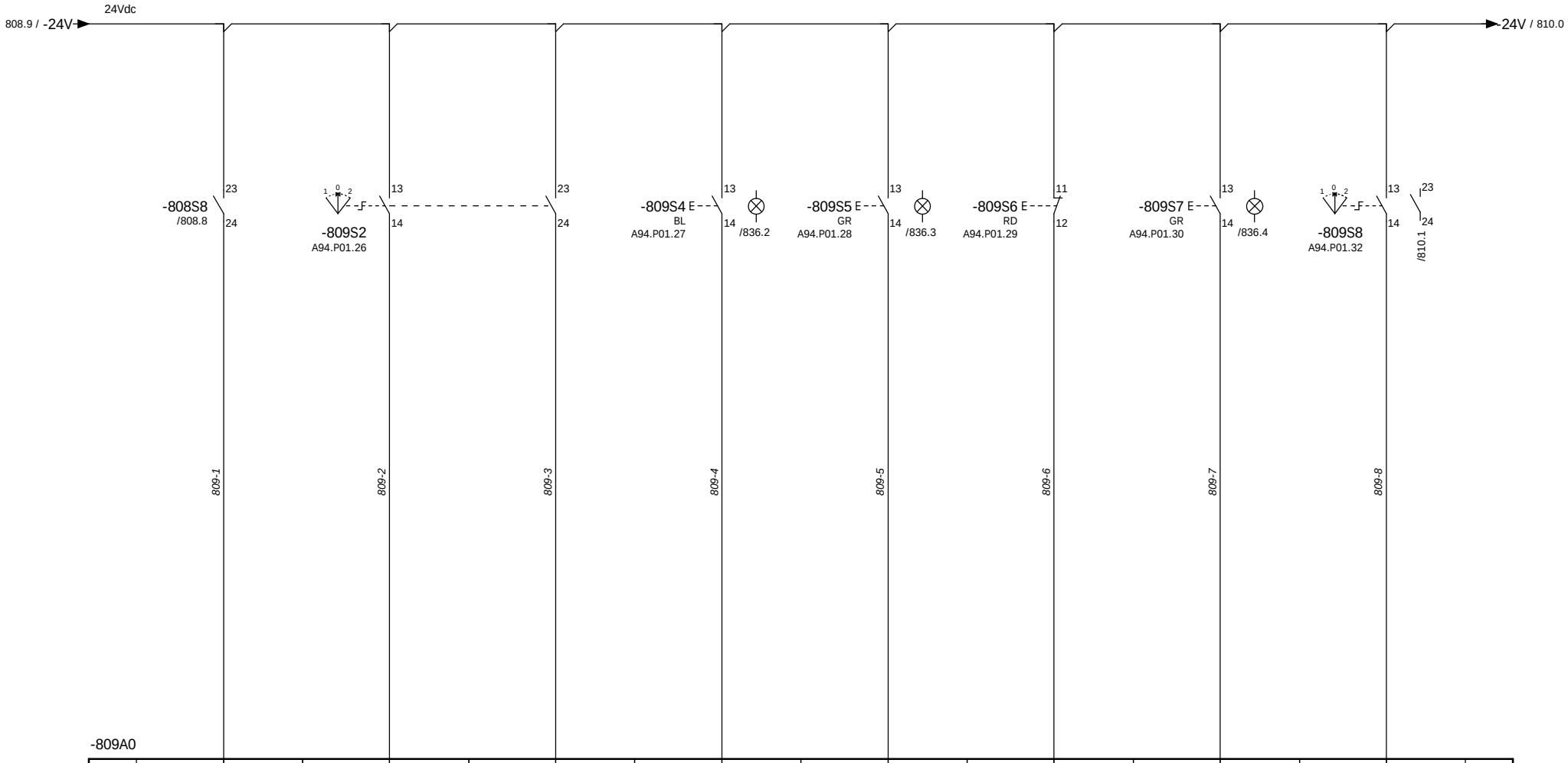
Job Nr.

Dwg.Nr.: A94

= A94
+ **P01**

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Follow: 809



-809A0

/801.3	1	5	2	6	3	7	4	8
	PAPER RECOILER DOWN	PAPER RECOILER FORWARD	PAPER RECOILER BACKWARD	PAPER RECOILER CENTERING	HORIZONTAL MOVEMENT PHOTOCELL	HORIZONTAL MOVEMENT PHOTOCELL STOP	HORIZONTAL MOVEMENT PHOTOCELL	UNCOILER ROTATION MOTOR SIDE CLOCKWISE
	E124.0	E124.1	E124.2	E124.3	E124.4	E124.5	E124.6	E124.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

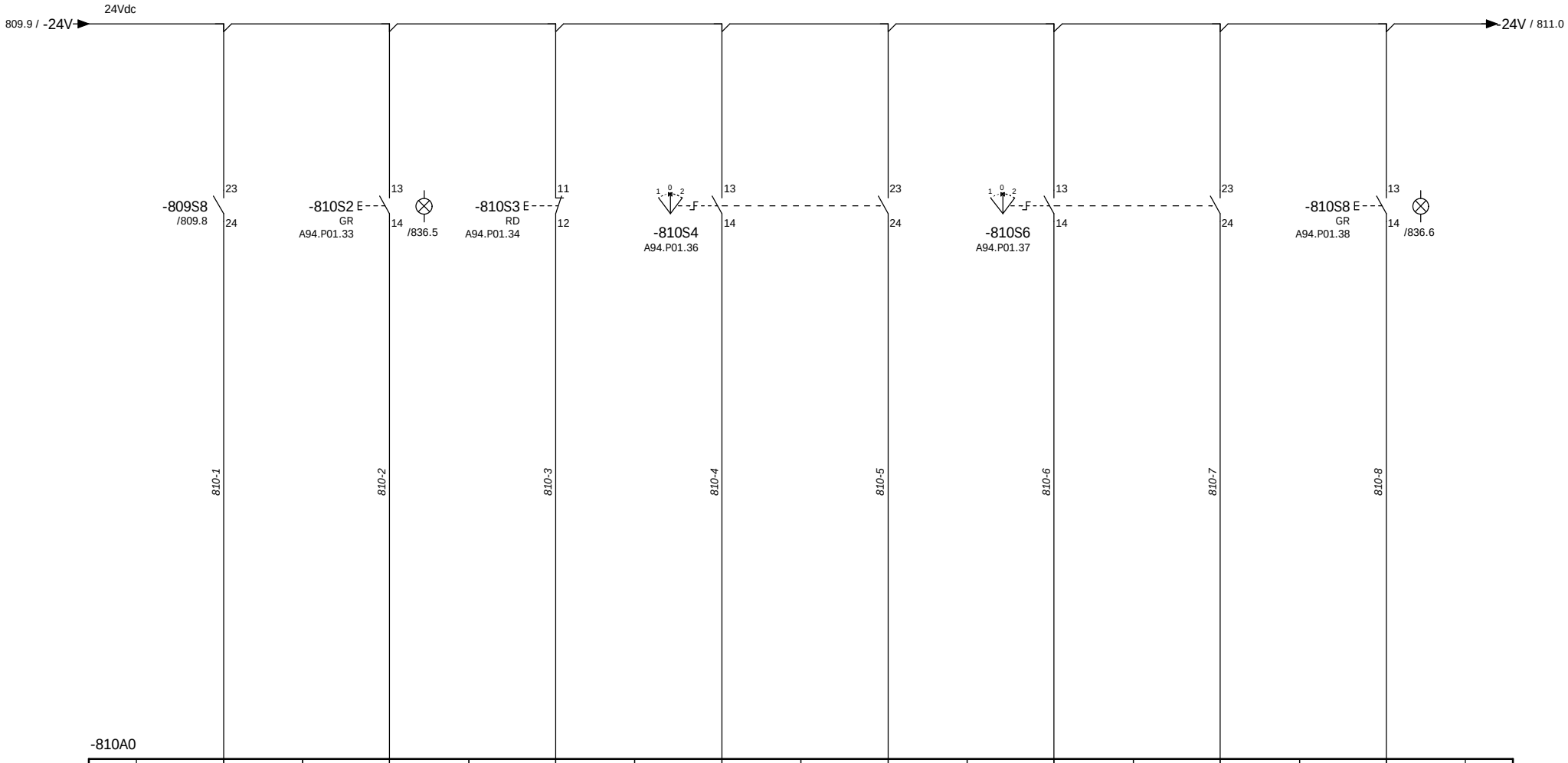
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

= A94
+ **P01**

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Follow 810



-810A0

/801.4	1	5	2	6	3	7	4	8
	UNCOILER ROTATION MOTOR SIDE ANTICLOCKWISE	UNCOILER TENSION ON	UNCOILER TENSION STOP	UNCOILER ROTATION MOTOR SIDE CLOCKWISE	UNCOILER ROTATION OPERATOR SIDE ANTICLOCKWISE	rotazione aspi devolgitore in accoppiata	rotazione aspi devolgitore in accoppiata	movimento di espansione tegoli aspi devolgitore
	E125.0	E125.1	E125.2	E125.3	E125.4	E125.5	E125.6	E125.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

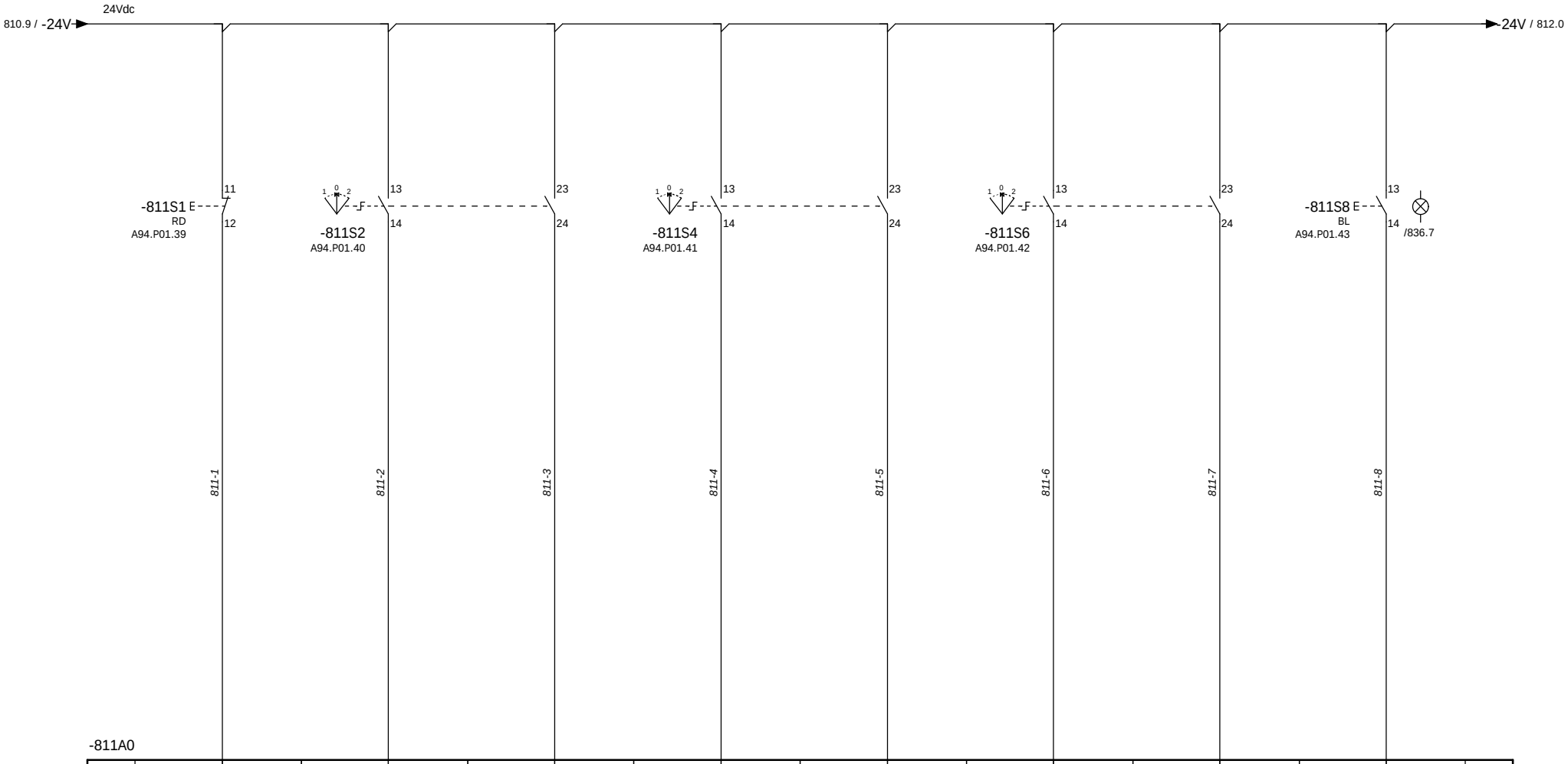
Dwg.Nr. A94

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+ **P01**

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-811A0

/801.4	1	5	2	6	3	7	4	8
	movimento di espansione tegoli aspi devolgitore STOP	UNCOILER MOTOR SIDE IN LINE	UNCOILER MOTOR SIDE OUT LINE	UNCOILER OPERATOR SIDE IN LINE	UNCOILER OPERATOR SIDE OUT LINE	traslazione aspi in accoppiata	traslazione aspi in accoppiata	UNCOILER AUTOMATIC CENTERING
	E126.0	E126.1	E126.2	E126.3	E126.4	E126.5	E126.6	E126.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

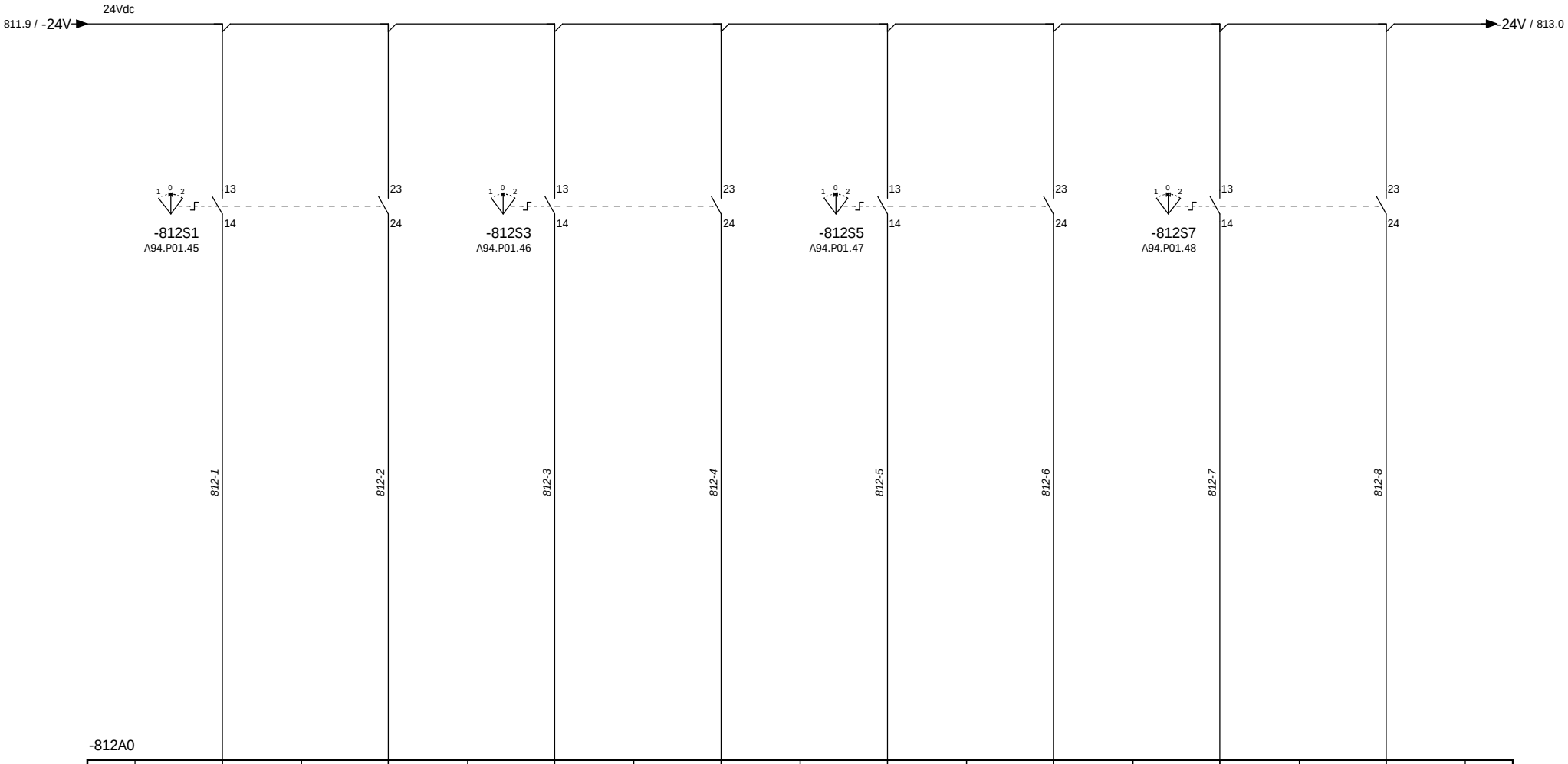
Dwg.Nr. A94

= A94

+ **P01**

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Follow 812



-812A0

/801.4	1	5	2	6	3	7	4	8
	PEELER TABLE OUT	PEELER TABLE IN	PEELER TABLE UP	PEELER TABLE DOWN	Movimento rotatorio della punta tavola	Movimento rotatorio della punta tavola	CENTERING ROLL N.1 OPERATOR SIDE IN	CENTERING ROLL N.1 OPERATOR SIDE OUT
	E127.0	E127.1	E127.2	E127.3	E127.4	E127.5	E127.6	E127.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

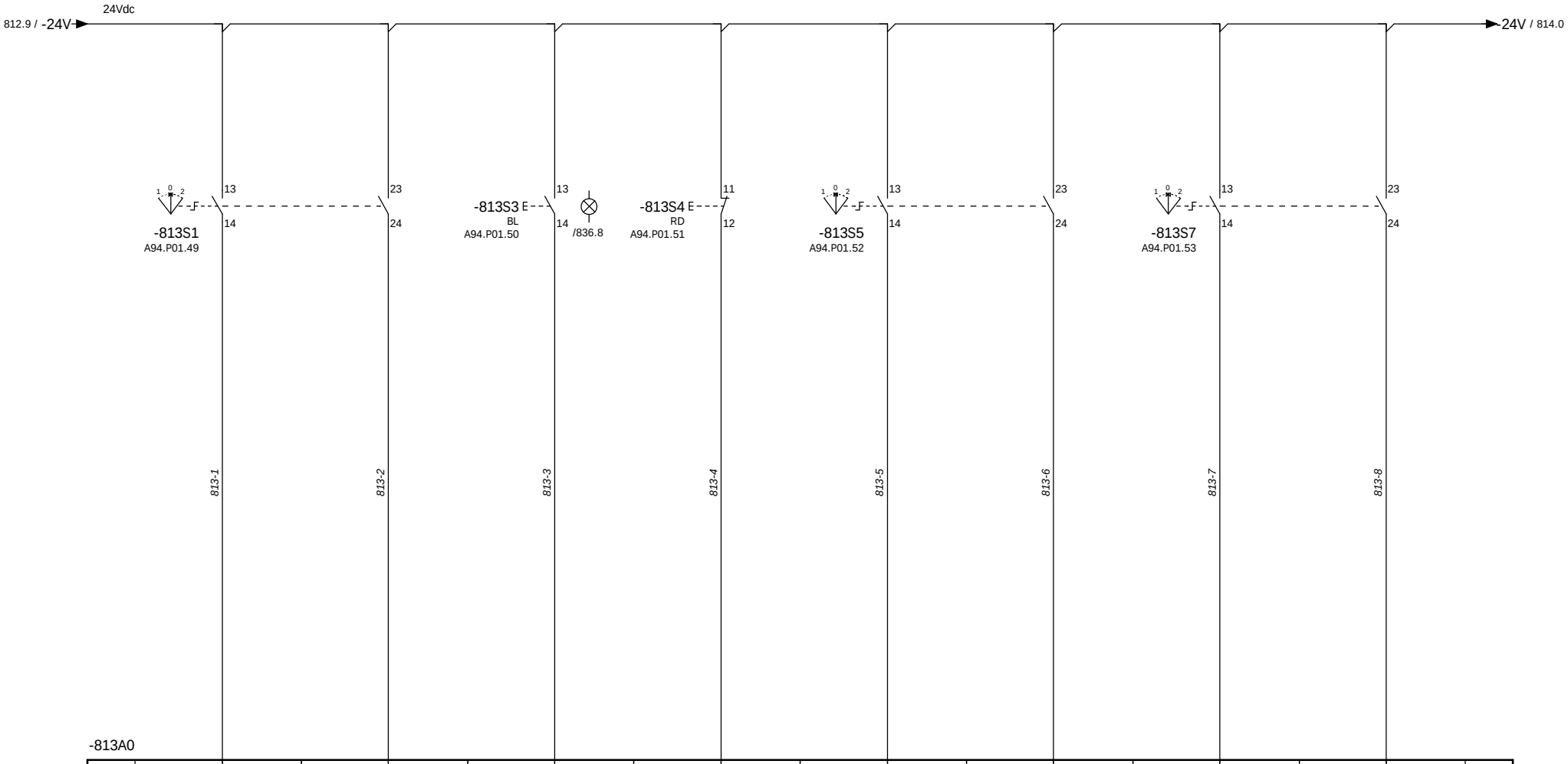
Dwg.Nr. A94

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+ **P01**

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-813A0

/801.5

1	5	2	6	3	7	4	8
CENTERING ROLL N.1 MOTOR SIDE IN	CENTERING ROLL N.1 MOTOR SIDE OUT	AUTOMATIC MACHINE POSITION	AUTOMATIC MACHINE POSITION STOP	DEFLECTOR ROLL UP	DEFLECTOR ROLL DOWN	PINCH ROLL ROTATION CLOCKWISE	PINCH ROLL ROTATION ANTICLOCKWISE
E128.0	E128.1	E128.2	E128.3	E128.4	E128.5	E128.6	E128.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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				Drawn	TPM
				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

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DIGITAL INPUTS

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NOVASTILMEC A94

Job Nr.

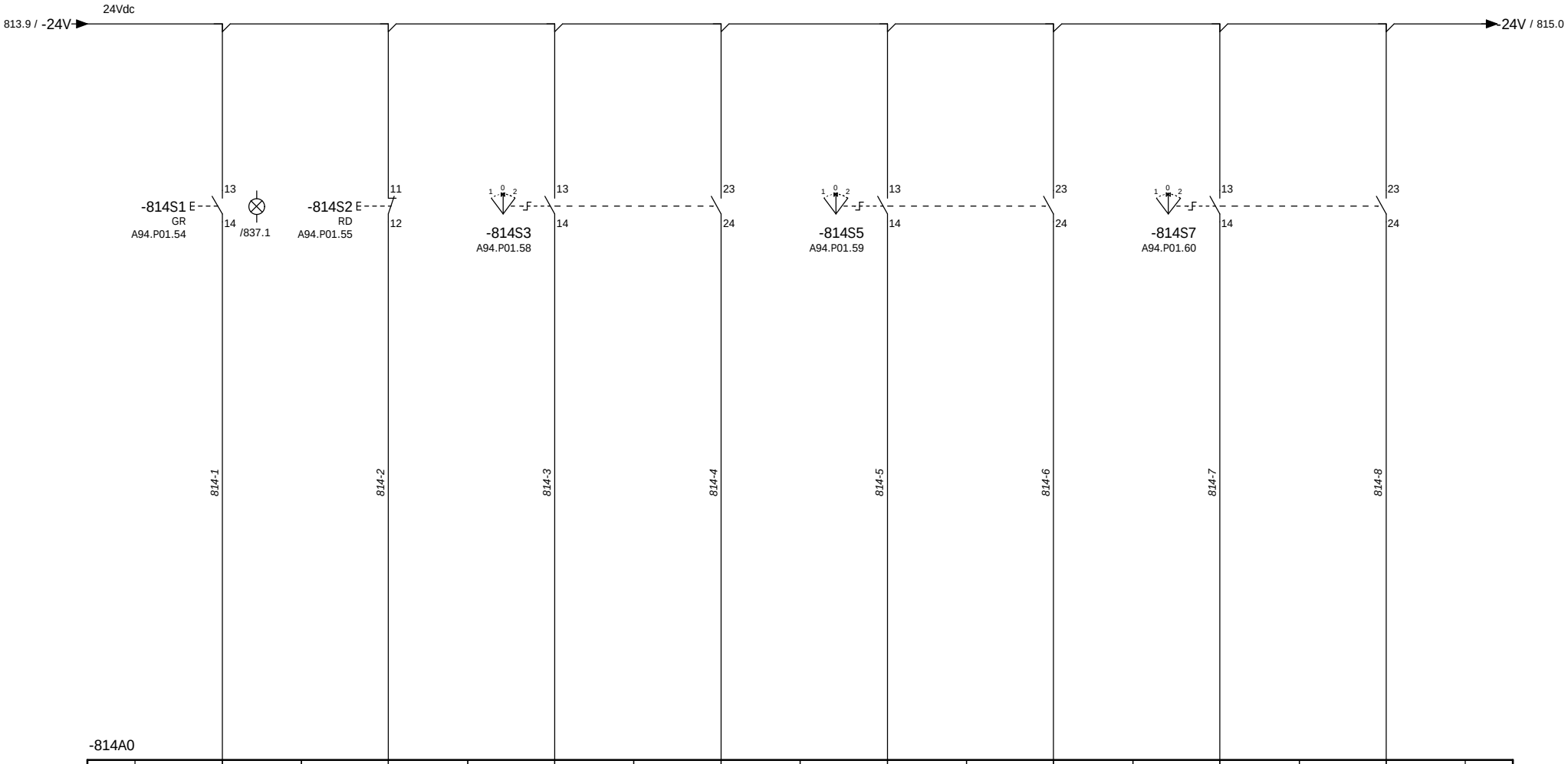
Dwg.Nr. A94

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/801.5

1	5	2	6	3	7	4	8
ENTRY PINCH ROLL UP	ENTRY PINCH ROLL UP STOP	STRAIGHTENING ROTATION CLOCKWISE	STRAIGHTENING ROTATION ANTICLOCKWISE	STRAIGHTENING SCREW JACK 1 UP	STRAIGHTENING SCREW JACK 1 DOWN	STRAIGHTENING SCREW JACK 2 UP	STRAIGHTENING SCREW JACK 2 DOWN
E129.0	E129.1	E129.2	E129.3	E129.4	E129.5	E129.6	E129.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

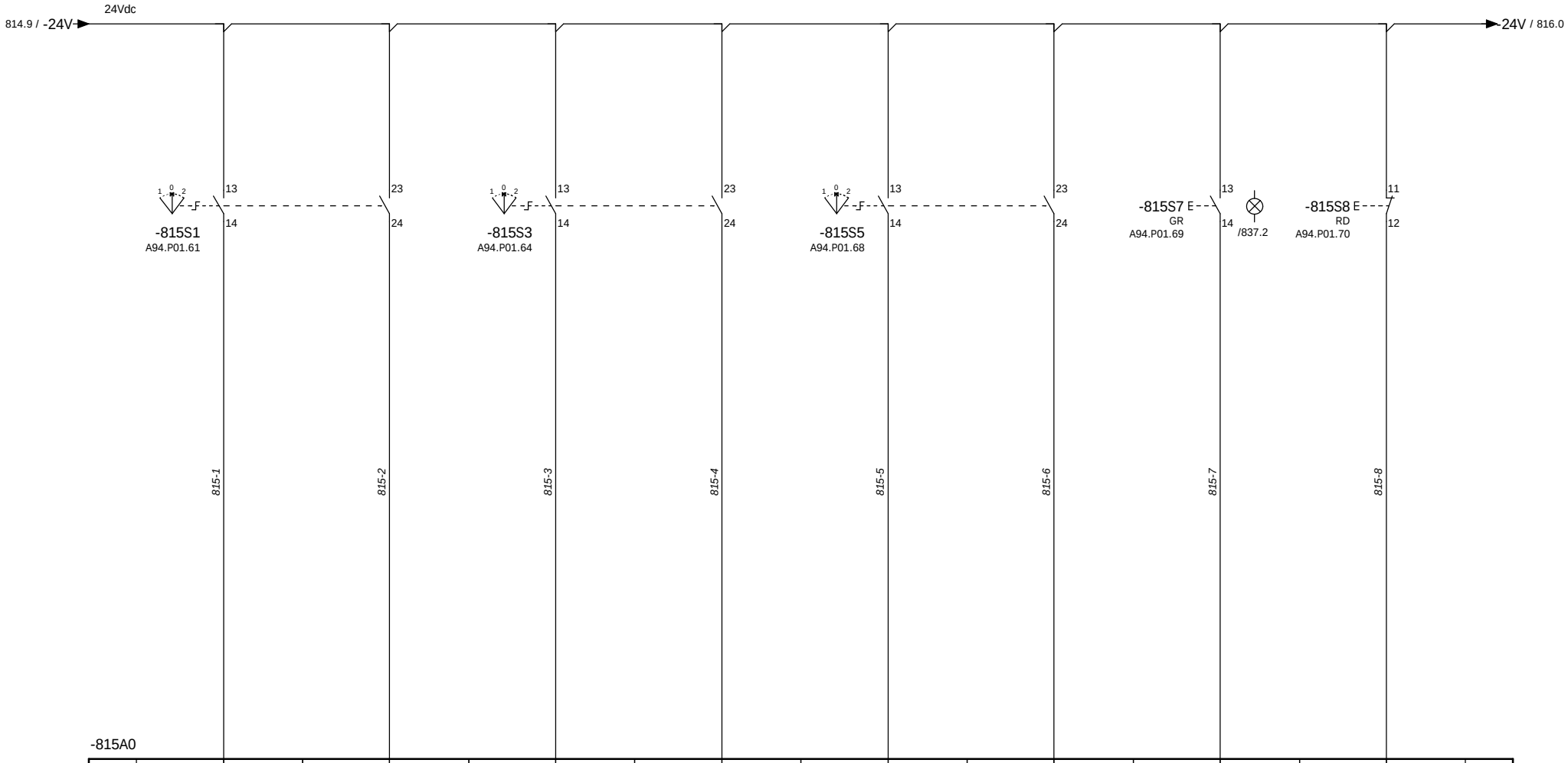
= A94
+ **P01**

Job Nr.

Dwg.Nr. A94

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-815A0

/801.5	1	5	2	6	3	7	4	8
	DEFLECTOR ROLL UP	DEFLECTOR ROLL DOWN	UPPER TABLE STRAIGHTENING UP	UPPER TABLE STRAIGHTENING DOWN	pulizia rulli di lavoro raddrizzatrice	pulizia rulli di lavoro raddrizzatrice	pulizia rulli di lavoro raddrizzatrice	pulizia rulli di lavoro raddrizzatrice STOP
	E130.0	E130.1	E130.2	E130.3	E130.4	E130.5	E130.6	E130.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
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GA-Tech

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Descript.

NOVASTILMEC A94

Job Nr.

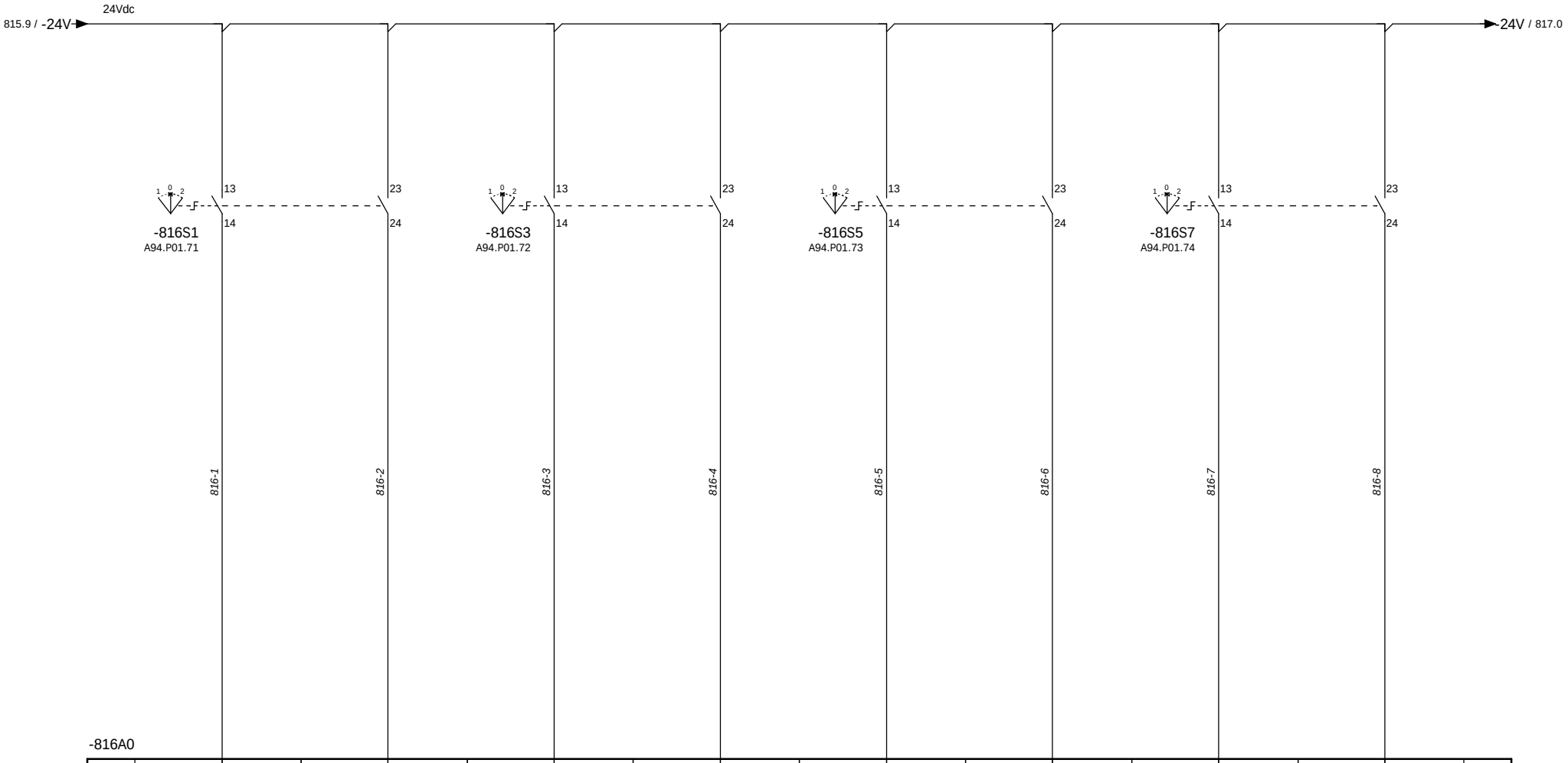
Dwg.Nr. A94

= A94

+ **P01**

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Follow 816



-816A0

/801.6

1	5	2	6	3	7	4	8
COUPLING TABLE STRAIGHTENING-SHEAR UP	COUPLING TABLE STRAIGHTENING-SHEAR DOWN	SCRAP TABLE UP	SCRAP TABLE DOWN	movimento verticale della tavola di raccordo tra trancia sfridi e spianatrice 1	movimento verticale della tavola di raccordo tra trancia sfridi e spianatrice 1	movimento verticale del rullo ingresso spianatrice 1 per passaggio lamiera sopra rulli spianatrice 1	movimento verticale del rullo ingresso spianatrice 1 per passaggio lamiera sopra rulli spianatrice 1
E131.0	E131.1	E131.2	E131.3	E131.4	E131.5	E131.6	E131.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
				Original	

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NOVASTILMEC A94

Job Nr.

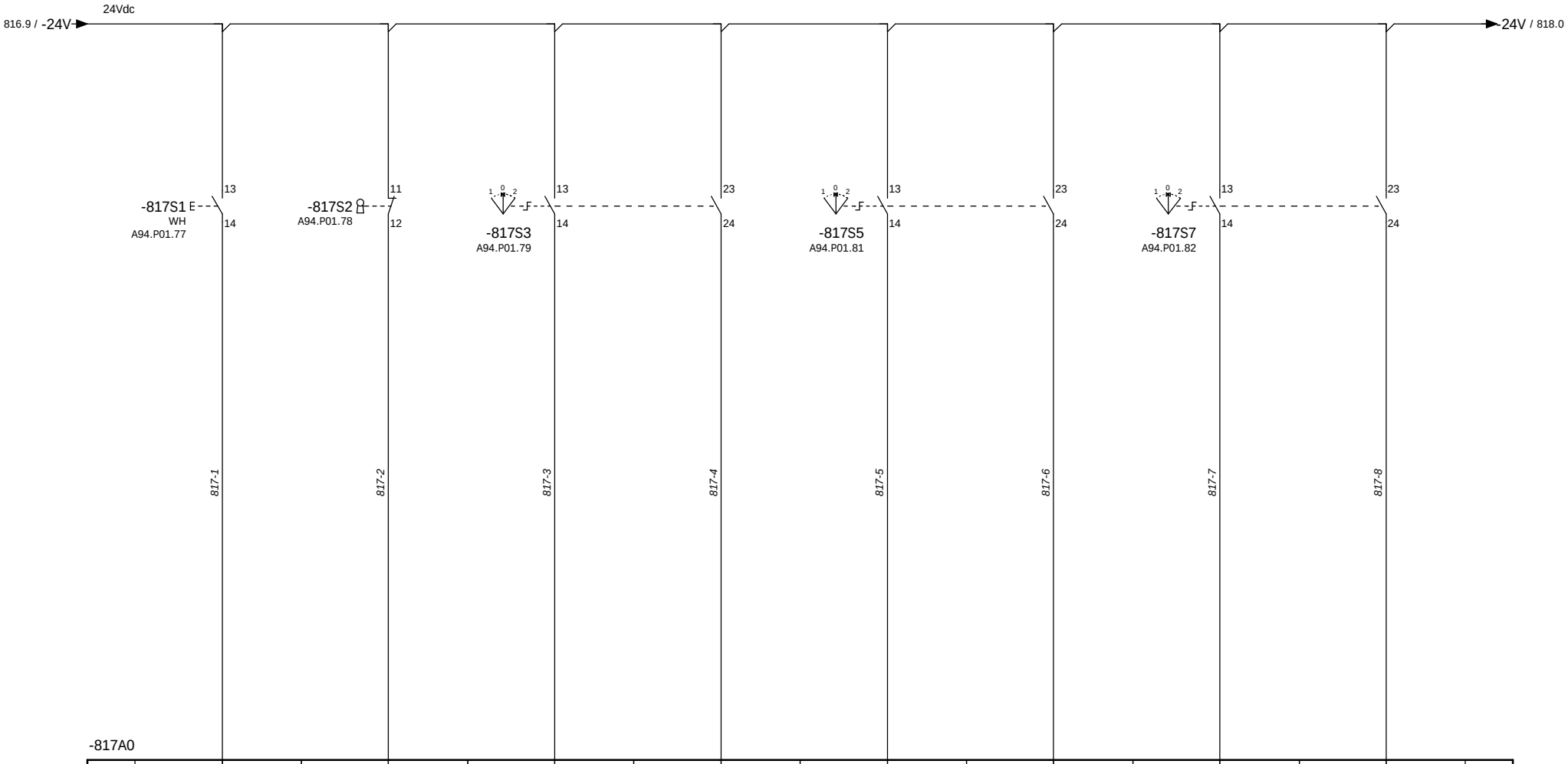
Dwg.Nr. A94

= A94

+ **P01**

Page **816**

Follow 817



-817A0

/801.6	1	5	2	6	3	7	4	8
	CROPPER SHEAR UP	CROPPER SHEAR MOVEMENT	CROPPER SHEAR BLADES CLEARANCE +	CROPPER SHEAR BLADES CLEARANCE -	CROPPER SHEAR SCRAPS CARRIAGE MOTOR SIDE	CROPPER SHEAR SCRAPS CARRIAGE OPERATOR SIDE	CENTERING ROLL N.2 OPERATOR SIDE IN	CENTERING ROLL N.2 OPERATOR SIDE OUT
	E132.0	E132.1	E132.2	E132.3	E132.4	E132.5	E132.6	E132.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE
Rev.	Descript.	Date	Name	Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

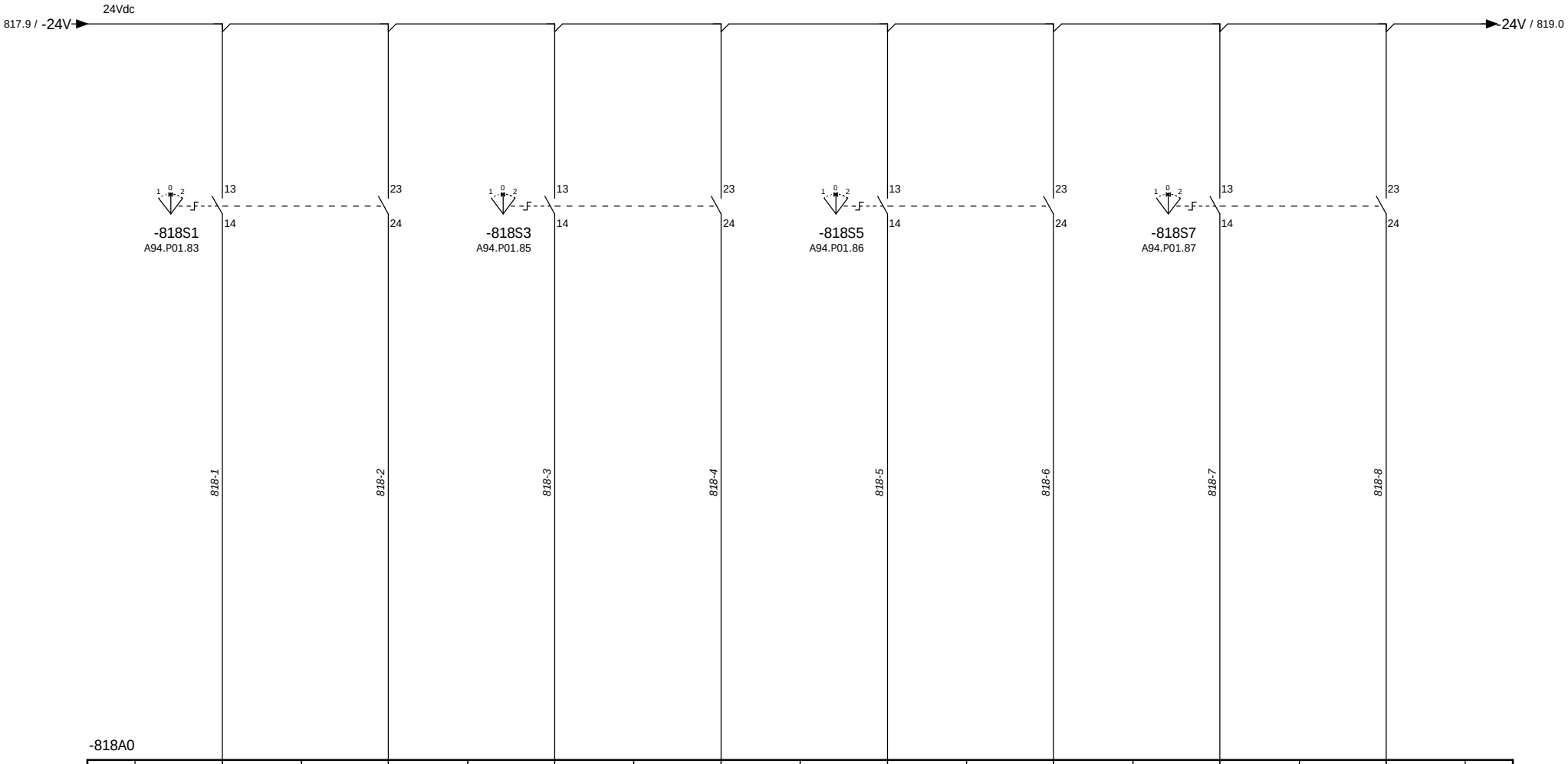
Dwg.Nr. A94

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+ **P01**

Page **817**

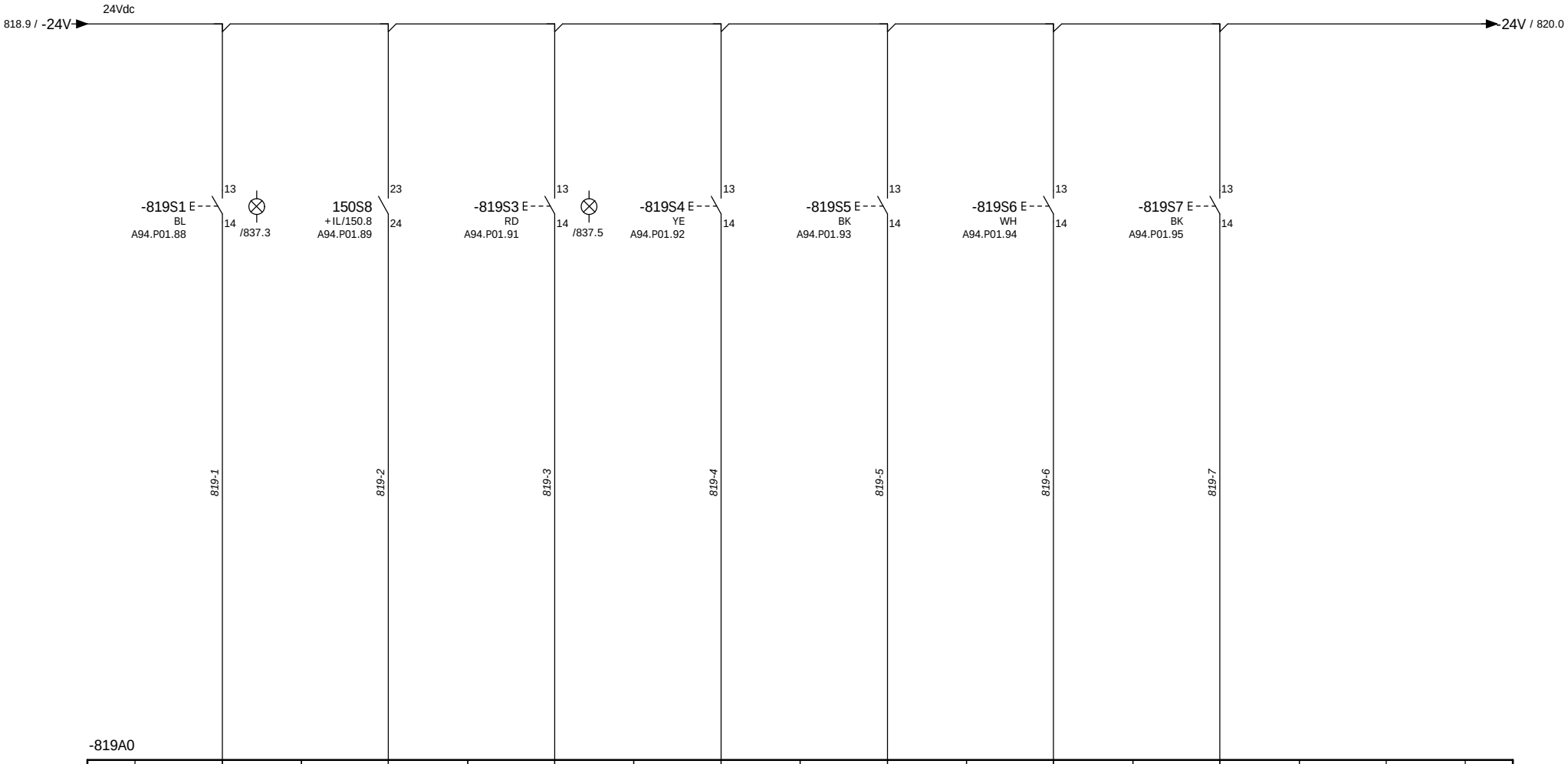
Follow 818



-818A0

/801.6	1	5	2	6	3	7	4	8
	CENTERING ROLL N.2 MOTOR SIDE IN	CENTERING ROLL N.2 MOTOR SIDE OUT	Movimento orizzontale della piastra raddrizzatrice per il sostegno delle allunghe durante le fasi di cambio bancata	Movimento orizzontale della piastra raddrizzatrice per il sostegno delle allunghe durante le fasi di cambio bancata	STRAIGHTENING UPPER TABLE UP	STRAIGHTENING UPPER TABLE DOWN	STRAIGHTENING LOWER TABLE UP	STRAIGHTENING LOWER TABLE DOWN
	E133.0	E133.1	E133.2	E133.3	E133.4	E133.5	E133.6	E133.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0



-819A0

/801.7

1	5	2	6	3	7	4	8
ENTRY AREA RESET	STOP LINE EMERGENCY	STOP LINE	ENTRY SECTION JOG -??? FORWARD ???-	ENTRY SECTION JOG -??? BACKWARD ???-	SPEED LINE	SPEED LINE	SPARE
E134.0	E134.1	E134.2	E134.3	E134.4	E134.5	E134.6	E134.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name
00	AS BUILT	06.05.2012	TPM

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Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

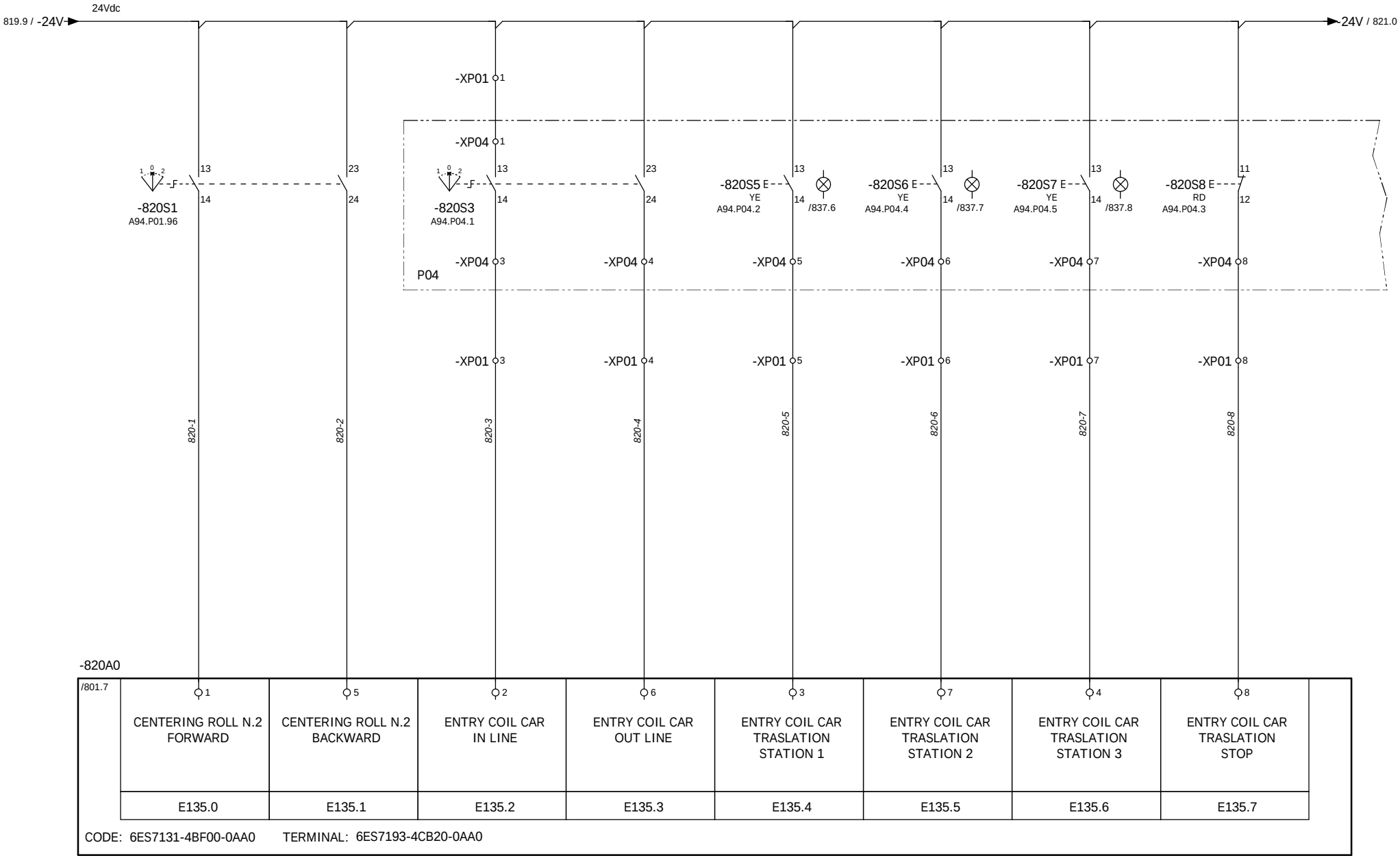
Job Nr.

Dwg.Nr. A94

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+ **P01**

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Follow 820



-820A0

/801.7

1	5	2	6	3	7	4	8
CENTERING ROLL N.2 FORWARD	CENTERING ROLL N.2 BACKWARD	ENTRY COIL CAR IN LINE	ENTRY COIL CAR OUT LINE	ENTRY COIL CAR TRASLATION STATION 1	ENTRY COIL CAR TRASLATION STATION 2	ENTRY COIL CAR TRASLATION STATION 3	ENTRY COIL CAR TRASLATION STOP
E135.0	E135.1	E135.2	E135.3	E135.4	E135.5	E135.6	E135.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

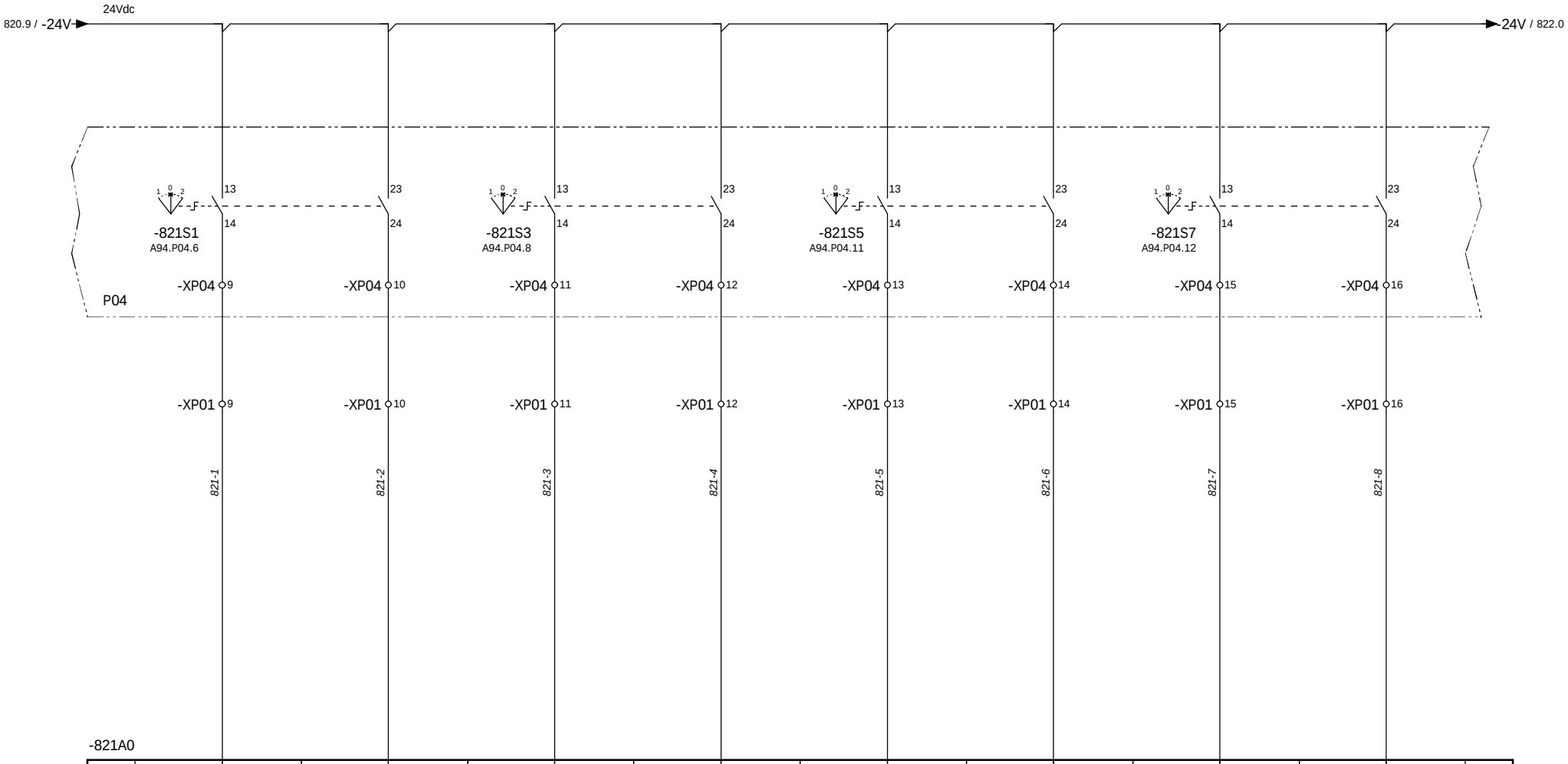
Dwg.Nr. A94

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+ **P01**

Page **820**

Follow 821



-821A0

1	5	2	6	3	7	4	8
ENTRY COIL CAR CLOCKWISE	ENTRY COIL CAR ANTICLOCKWISE	ENTRY COIL CAR FORWARD	ENTRY COIL CAR BACKWARD	ENTRY COIL CAR RAISE	ENTRY COIL CAR LOWER	ENTRY COIL CAR ROLLS CLOCKWISE	ENTRY COIL CAR ROLLS ANTICLOCKWISE
E136.0	E136.1	E136.2	E136.3	E136.4	E136.5	E136.6	E136.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name	Original	
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
				Drawn	TPM
				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

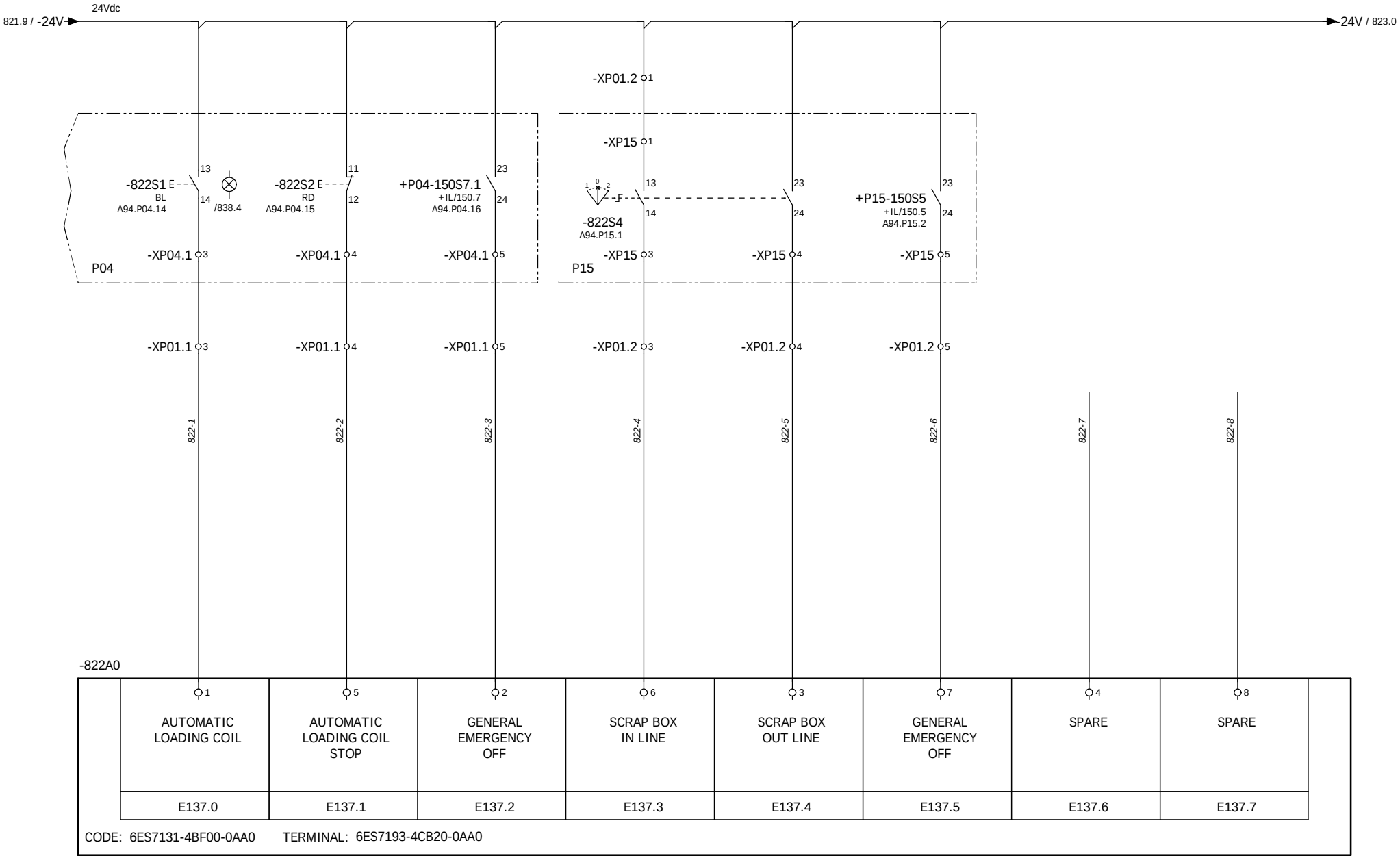
Job Nr.

Dwg.Nr. A94

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+ **P01**

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DIGITAL INPUTS

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NOVASTILMEC A94

= A94
+ **P01**

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	A94	**822**	823

822.9 / -24V — 24Vdc — -24V / 824.0

823-1 823-2 823-3 823-4 823-5 823-6 823-7 823-8

-823A0

1	5	2	6	3	7	4	8
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
E138.0	E138.1	E138.2	E138.3	E138.4	E138.5	E138.6	E138.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name
00	AS BUILT	06.05.2012	TPM

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NOVASTILMEC S.p.A. Coil Processing Equipment

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NOVASTILMEC A94

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+ **P01**

Job Nr.

Dwg.Nr. A94

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Follow 824

823.9 / -24V- 24Vdc ——————————————

-835A0
/801.8

CODE: 6ES7132-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

A120.0	A120.1	A120.2	A120.3	A120.4	A120.5	A120.6	A120.7
ENTRY COIL CAR TRASLATION STATION 1	ENTRY COIL CAR TRASLATION STATION 2	ENTRY COIL CAR TRASLATION STATION 3	ENTRY COIL CAR MAX FORWARD	ENTRY COIL CAR MAX BACKWARD	COIL CAR POSITION	AUTOMATIC LOADING COIL	DIAMETER LOW COIL
1	5	2	6	3	7	4	8

835-1 835-2 835-3 835-4 835-5 835-6 835-7 835-8

-805S1 /805.1 YE x1 x2
-805S3 /805.3 YE x1 x2
-805S4 /805.4 YE x1 x2
-835H4 YE A94.P01.8 x1 x2
-835H5 YE A94.P01.9 x1 x2
-835H6 YE A94.P01.12 x1 x2
-806S7 /806.7 BL x1 x2
-835H8 YE A94.P01.22 x1 x2

24Vdc
801.8 / -0V → -0V / 836.0

00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P01**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **835**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 836

-836A0
/801.8

CODE: 6ES7132-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

A121.0	A121.1	A121.2	A121.3	A121.4	A121.5	A121.6	A121.7
PAPER RECOILER ON	PAPER RECOILER CENTERING	HORIZONTAL MOVEMENT PHOTOCELL	HORIZONTAL MOVEMENT PHOTOCELL	UNCOILER TENSION ON	movimento di espansione tegoli aspi devolgitore	UNCOILER AUTOMATIC CENTERING	AUTOMATIC MACHINE POSITION
1	5	2	6	3	7	4	8

836-1 836-2 836-3 836-4 836-5 836-6 836-7 836-8

-808S6 /808.6 GR x1 x2
-809S4 /809.4 BL x1 x2
-809S5 /809.5 GR x1 x2
-809S7 /809.7 GR x1 x2
-810S2 /810.2 GR x1 x2
-810S8 /810.8 GR x1 x2
-811S8 /811.8 BL x1 x2
-813S3 /813.3 BL x1 x2

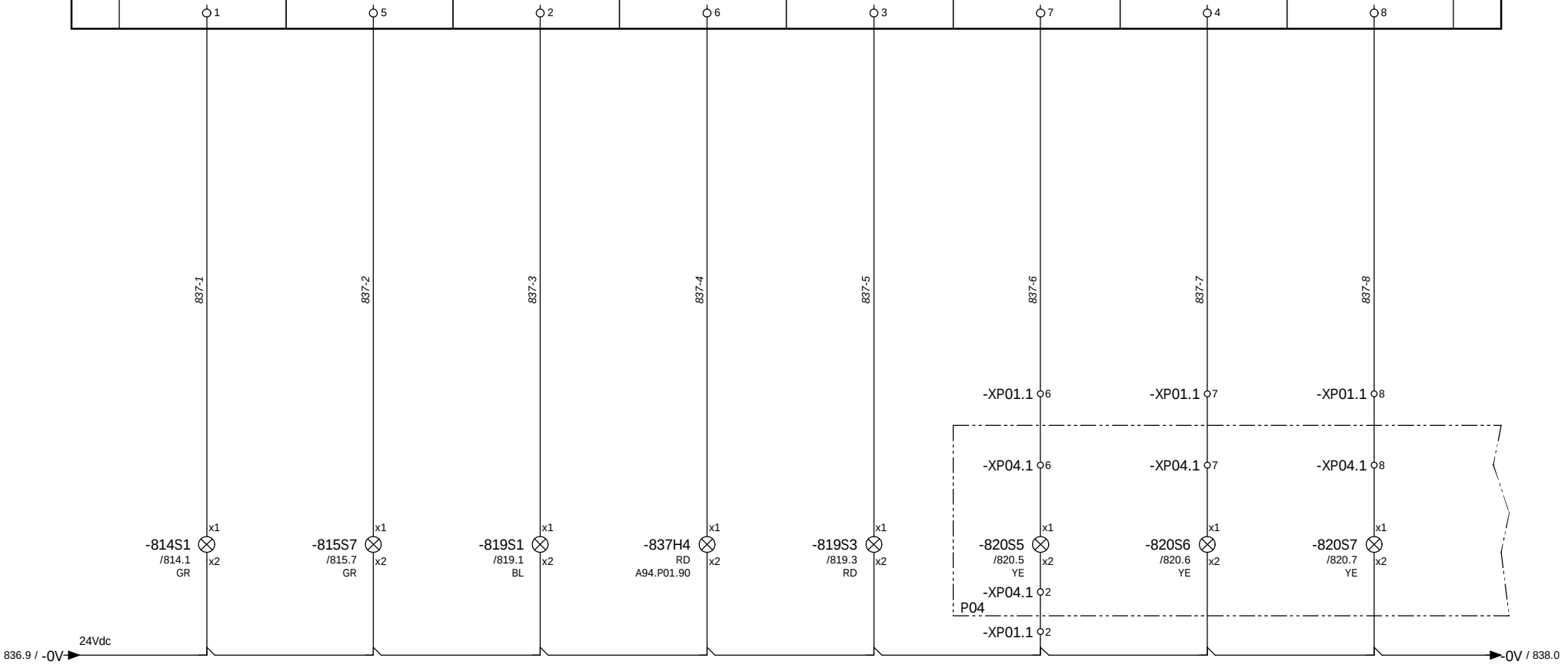
24Vdc
835.9 / -0V
-0V / 837.0

00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P01**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **836**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 837

-837A0
/801.8

CODE: 6ES7132-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

A122.0	A122.1	A122.2	A122.3	A122.4	A122.5	A122.6	A122.7
ENTRY PINCH ROLL UP	pulizia rulli di lavoro raddrizzatrice	ENTRY AREA RESET	STOP LINE ALARM	STOP LINE	ENTRY COIL CAR TRASLATION STATION 1	ENTRY COIL CAR TRASLATION STATION 2	ENTRY COIL CAR TRASLATION STATION 3
1	5	2	6	3	7	4	8

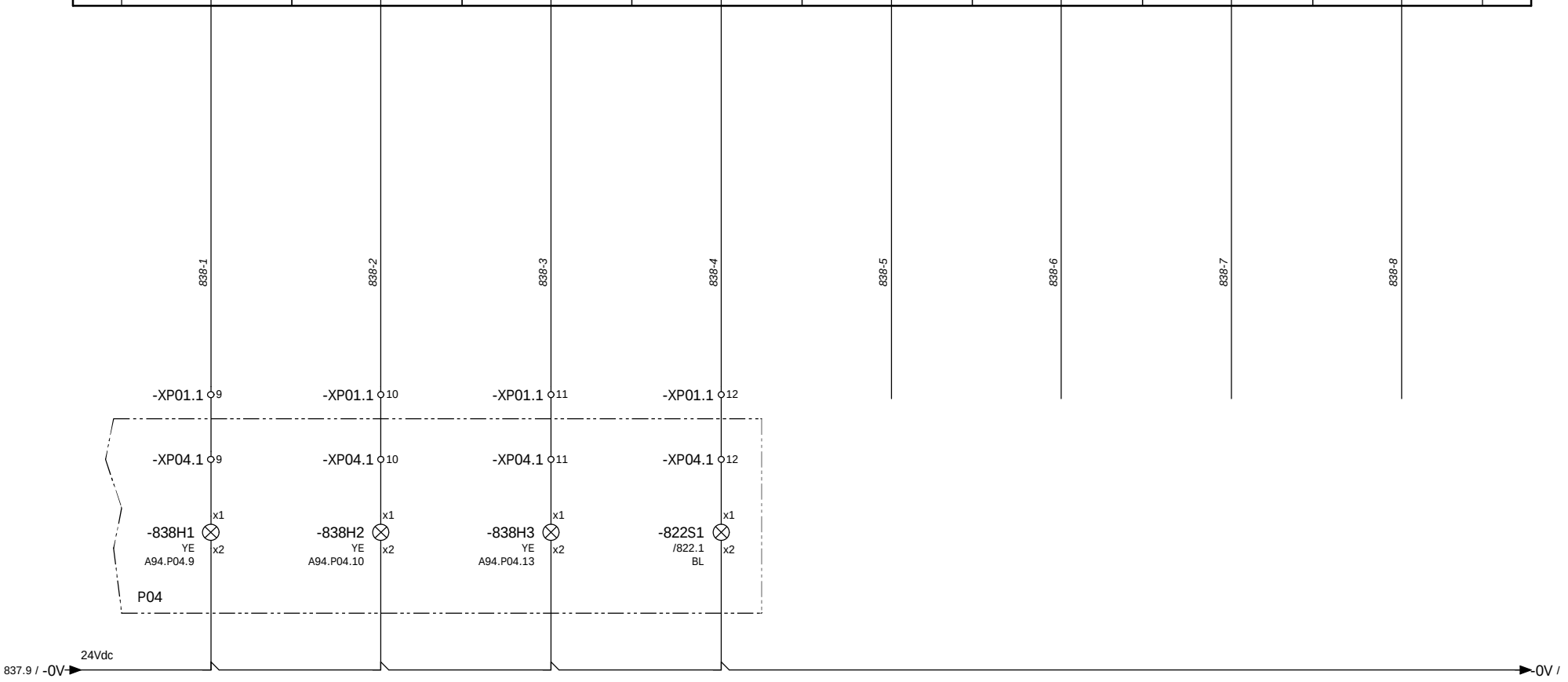


00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	DIGITAL OUTPUTS	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P01**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **837**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 838

-838A0

CODE: 6ES7132-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

A123.0	A123.1	A123.2	A123.3	A123.4	A123.5	A123.6	A123.7
ENTRY COIL CAR MAX FORWARD	ENTRY COIL CAR MAX BACKWARD	ENTRY COIL CAR IN POSITION	ENTRY COIL CAR AUTOMATIC LOAD ON	SPARE	SPARE	SPARE	SPARE
1	5	2	6	3	7	4	8



Rev.	Descript.	Date	Name		
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				Check	ALE
				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL OUTPUTS

Descript.

NOVASTILMEC A94

Job Nr.

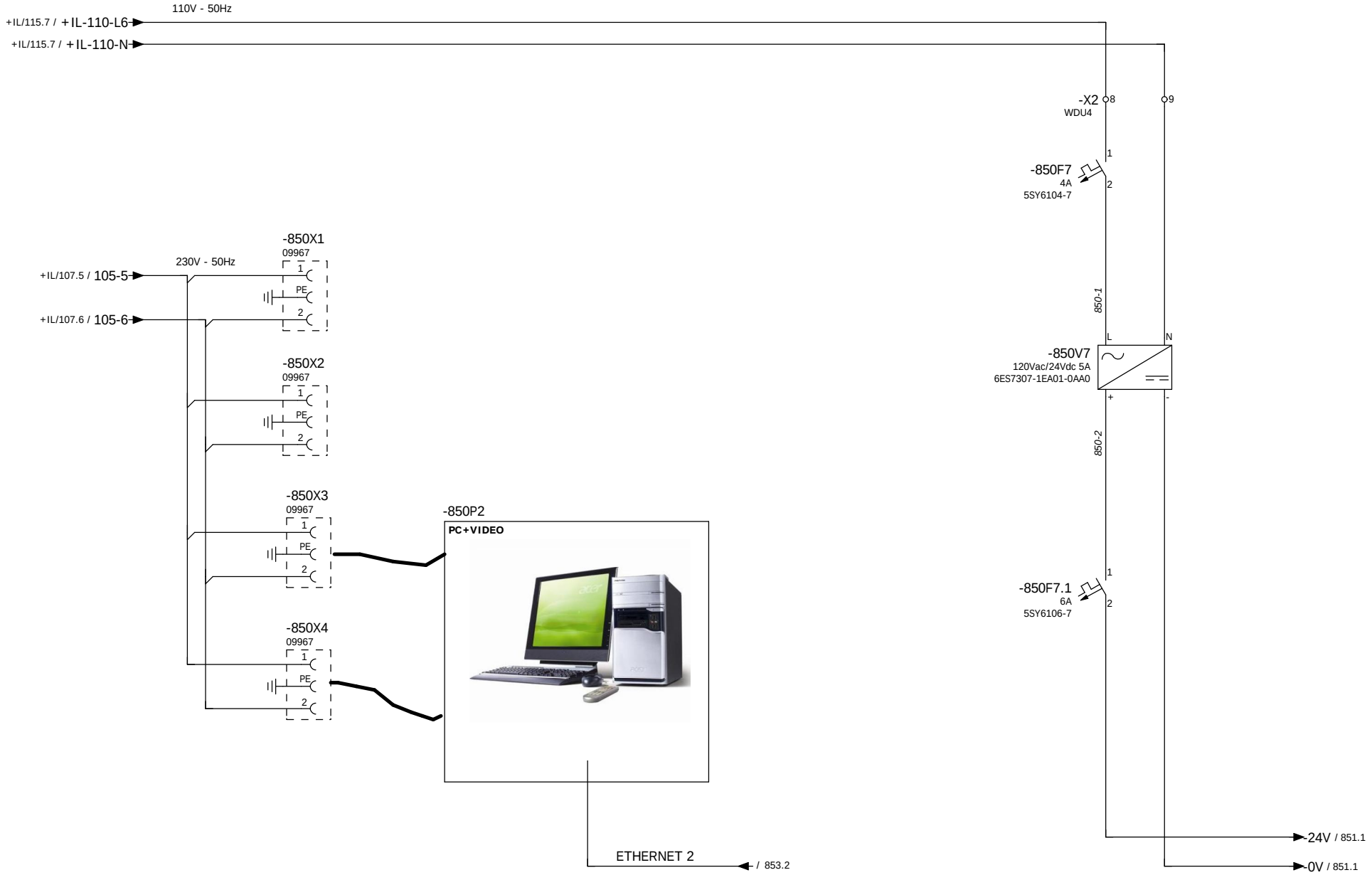
Dwg.Nr. A94

= A94

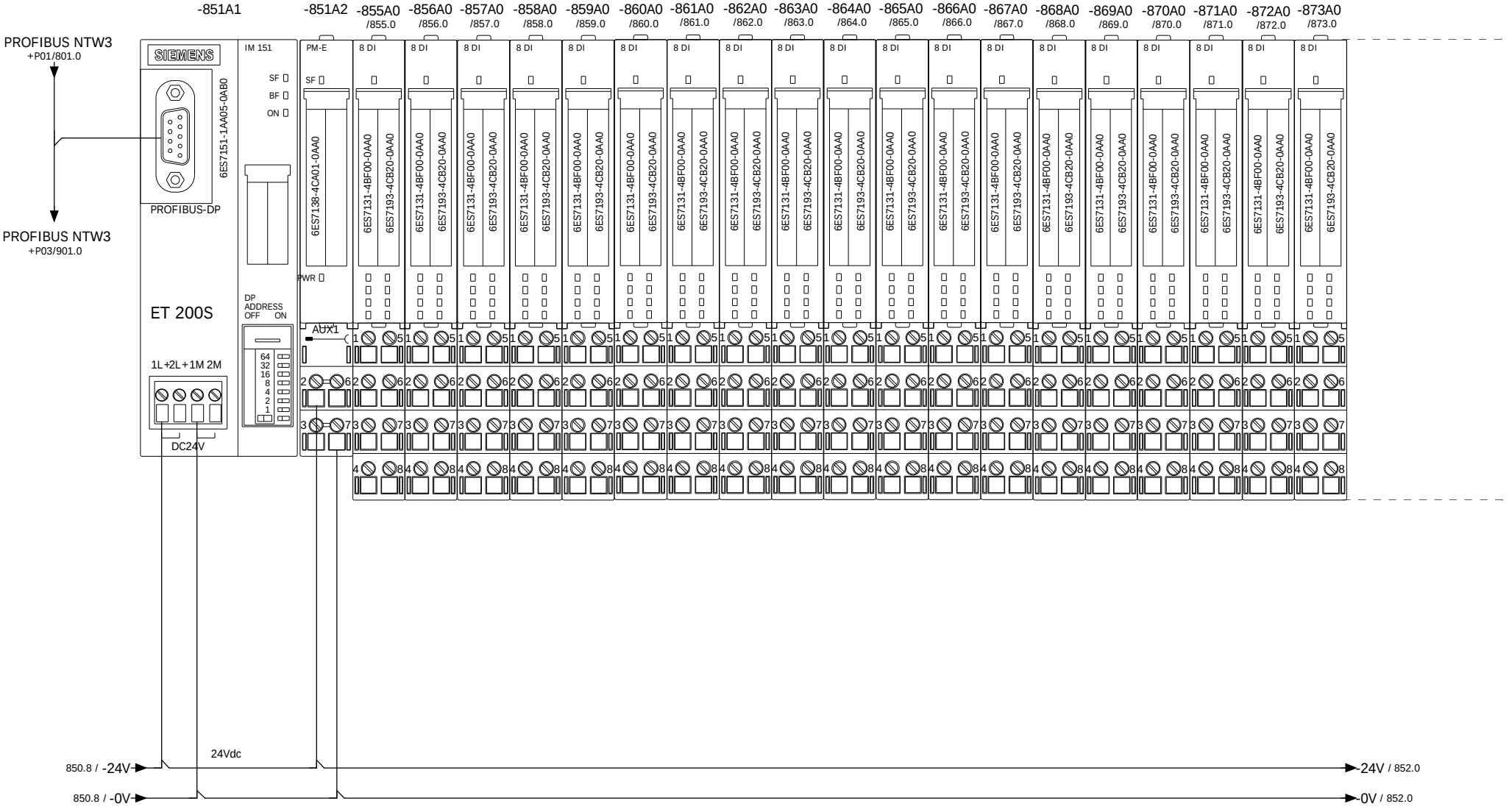
+ **P01**

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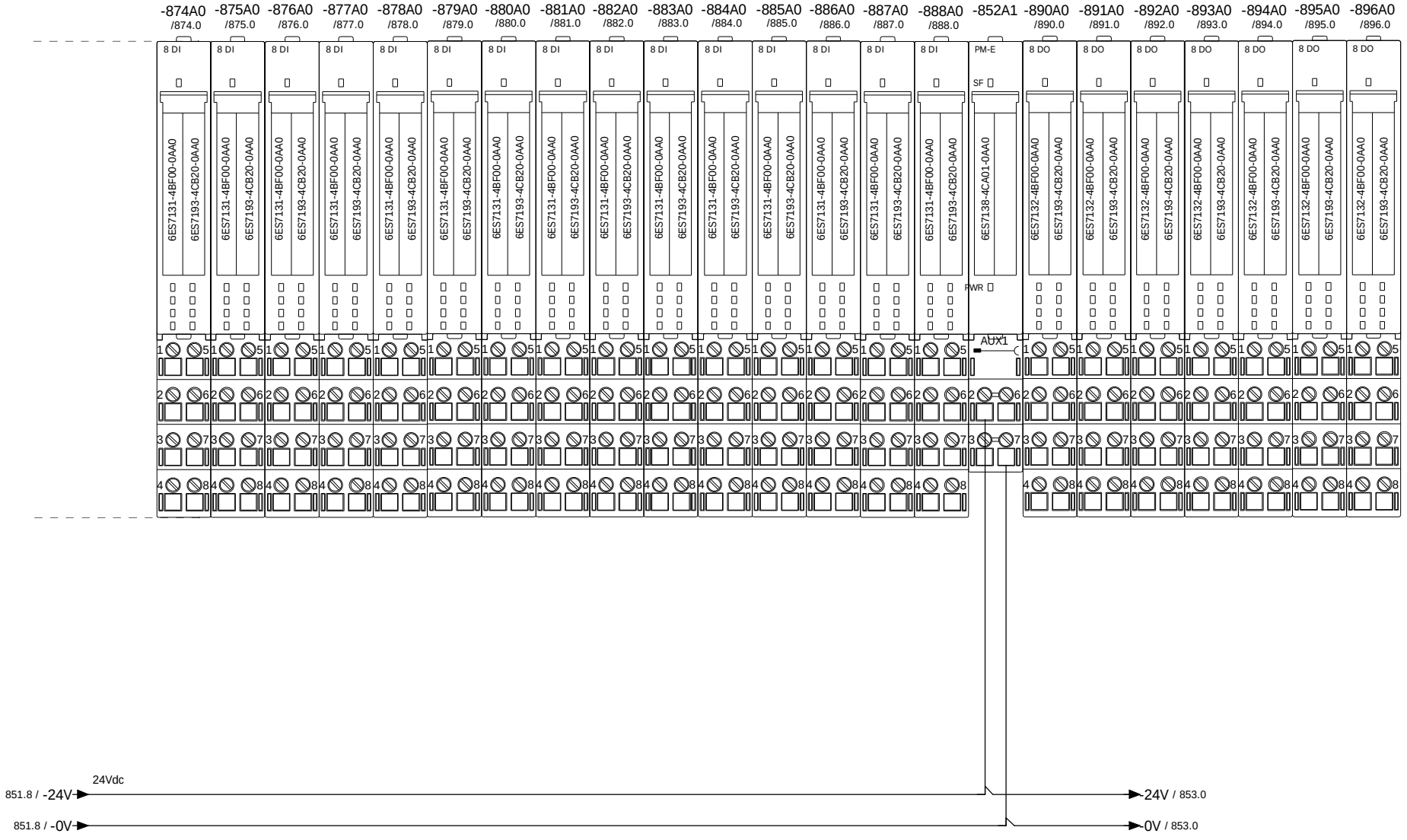
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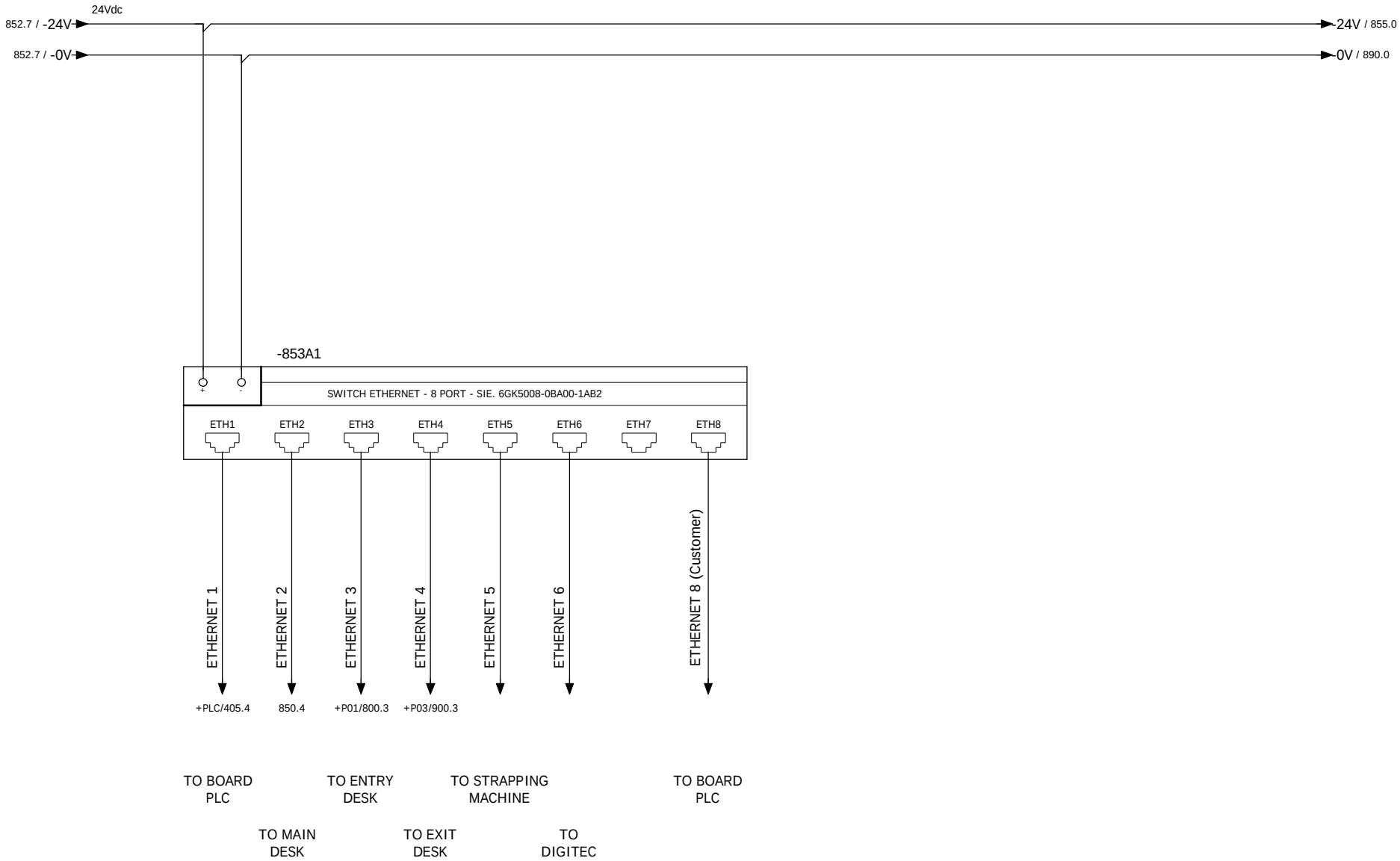
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				Drawn	TPM					+ **P02**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **850**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 851



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	PLC CONFIGURATION MAIN DESK	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P02**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **851**
Rev.	Descript.	Date	Name	Original				Descript.		Follow 852



00	AS BUILT	06.05.2012	TPM	Date	27.03.2012	NOVASTILMEC S.p.A. Coil Processing Equipment	GA-Tech	PLC CONFIGURATION MAIN DESK	NOVASTILMEC A94	= A94
				Drawn	TPM					+ **P02**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **852**
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Drawn	TPM
Check	ALE
Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: SWITCH ETHERNET

NOVASTILMEC A94

Job Nr.

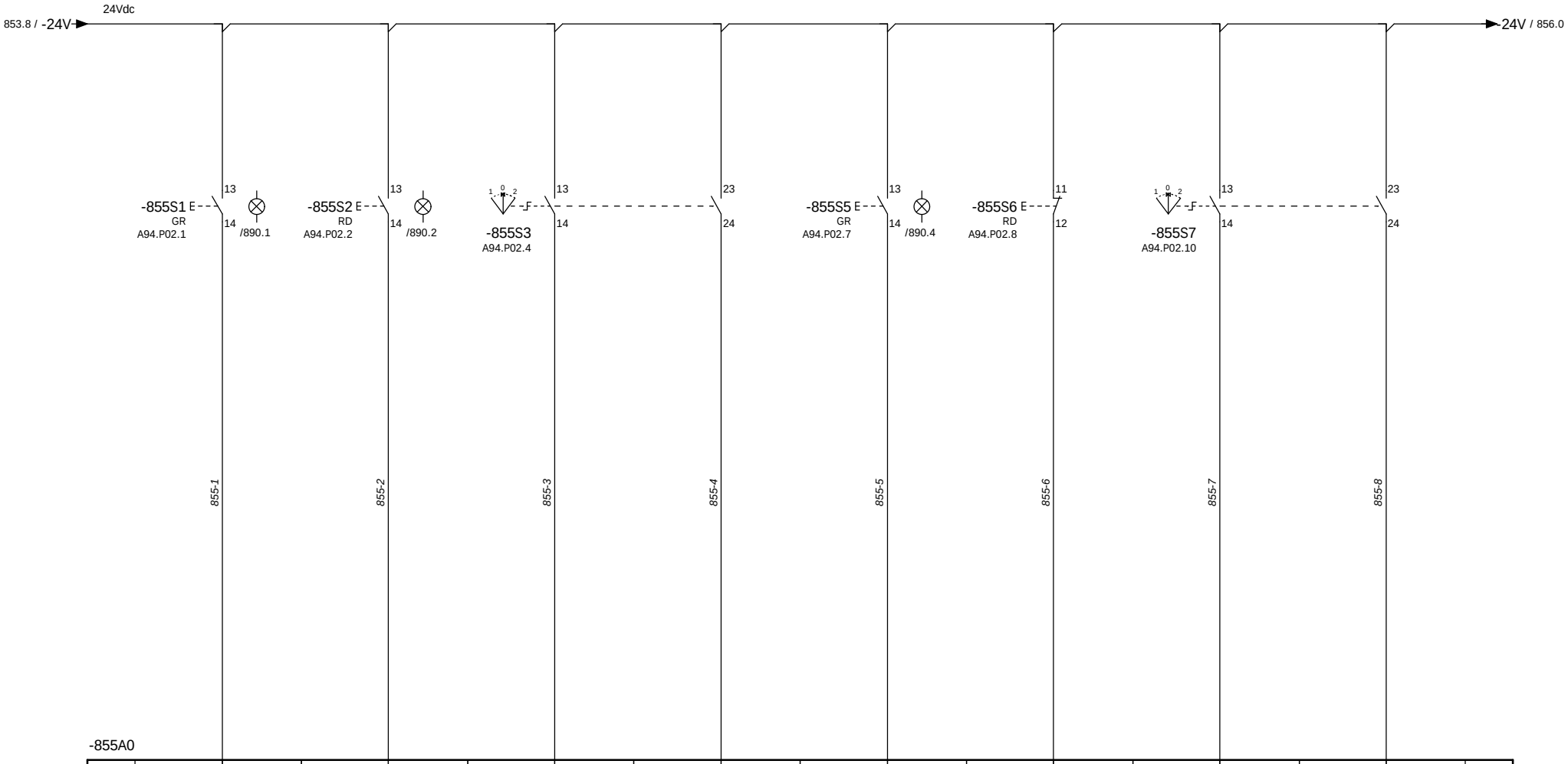
Dwg.Nr. A94

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+ **P02**

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-855A0

/851.2

1	5	2	6	3	7	4	8
PLANT PRESSURE ON	HYDRAULIC EQUIPMENT STOP	UNCOILER + PRESSURE ROLL FORWARD	UNCOILER + PRESSURE ROLL BACKWARD	PHOTOCELL ADJUSTMENT	PHOTOCELL ADJUSTMENT STOP	UNCOILER ROTATION M.S. FORWARD	UNCOILER ROTATION M.S. BACKWARD
E150.0	E150.1	E150.2	E150.3	E150.4	E150.5	E150.6	E150.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name
00	AS BUILT	06.05.2012	TPM

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Check	ALE
Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

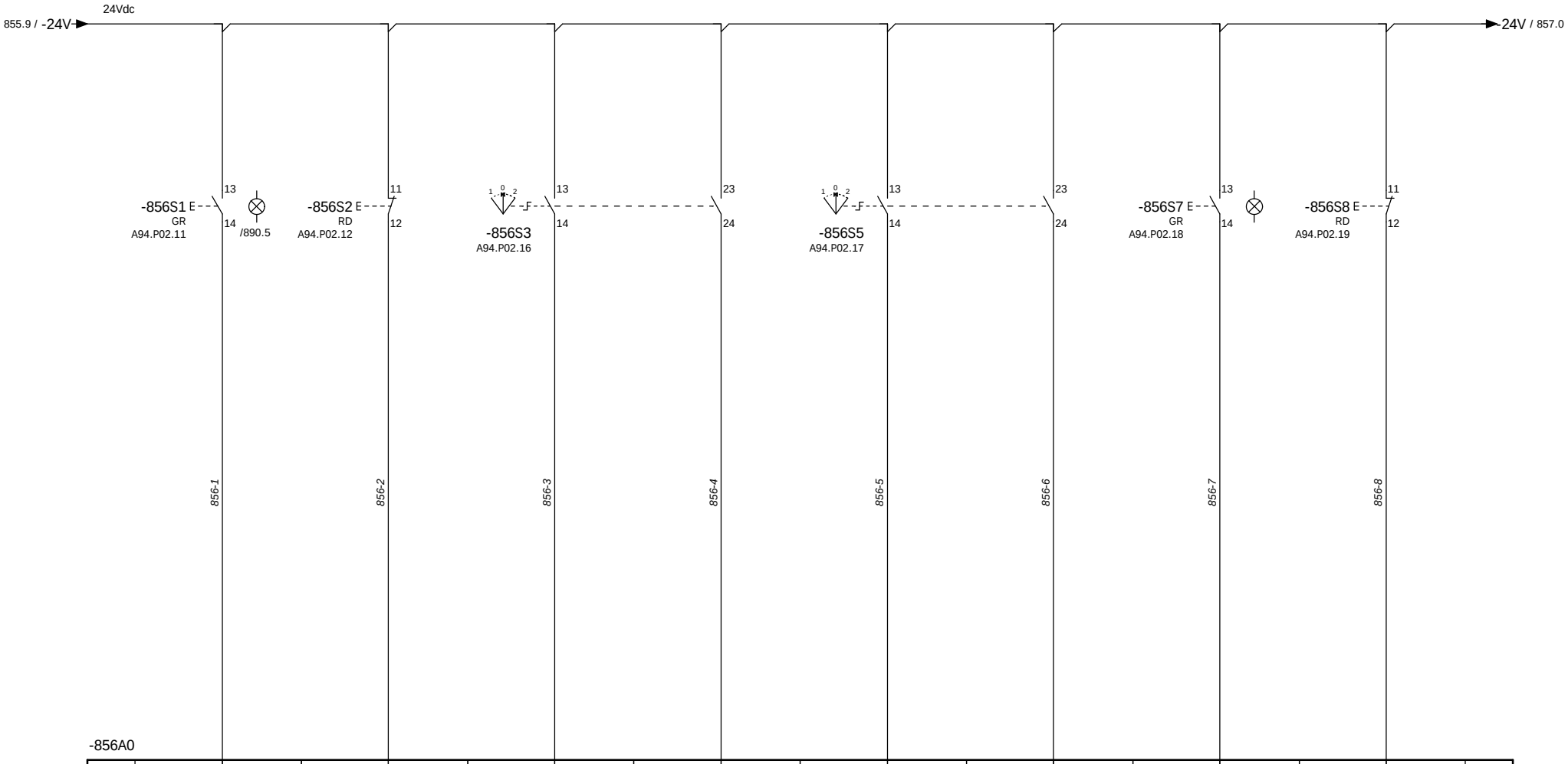
Job Nr.

Dwg.Nr. A94

= A94
+ **P02**

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-856A0

/851.2

1	5	2	6	3	7	4	8
UNCOILER TENSION ON	UNCOILER TENSION STOP	UNCOILER O.S. ROTATION FORWARD	UNCOILER O.S. ROTATION BACKWARD	UNCOILER ROTATION FORWARD	UNCOILER ROTATION BACKWARD	UNCOILER EXPANSION	UNCOILER COLLAPSE
E151.0	E151.1	E151.2	E151.3	E151.4	E151.5	E151.6	E151.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name
00	AS BUILT	06.05.2012	TPM

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Drawn	TPM
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

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Descript.

NOVASTILMEC A94

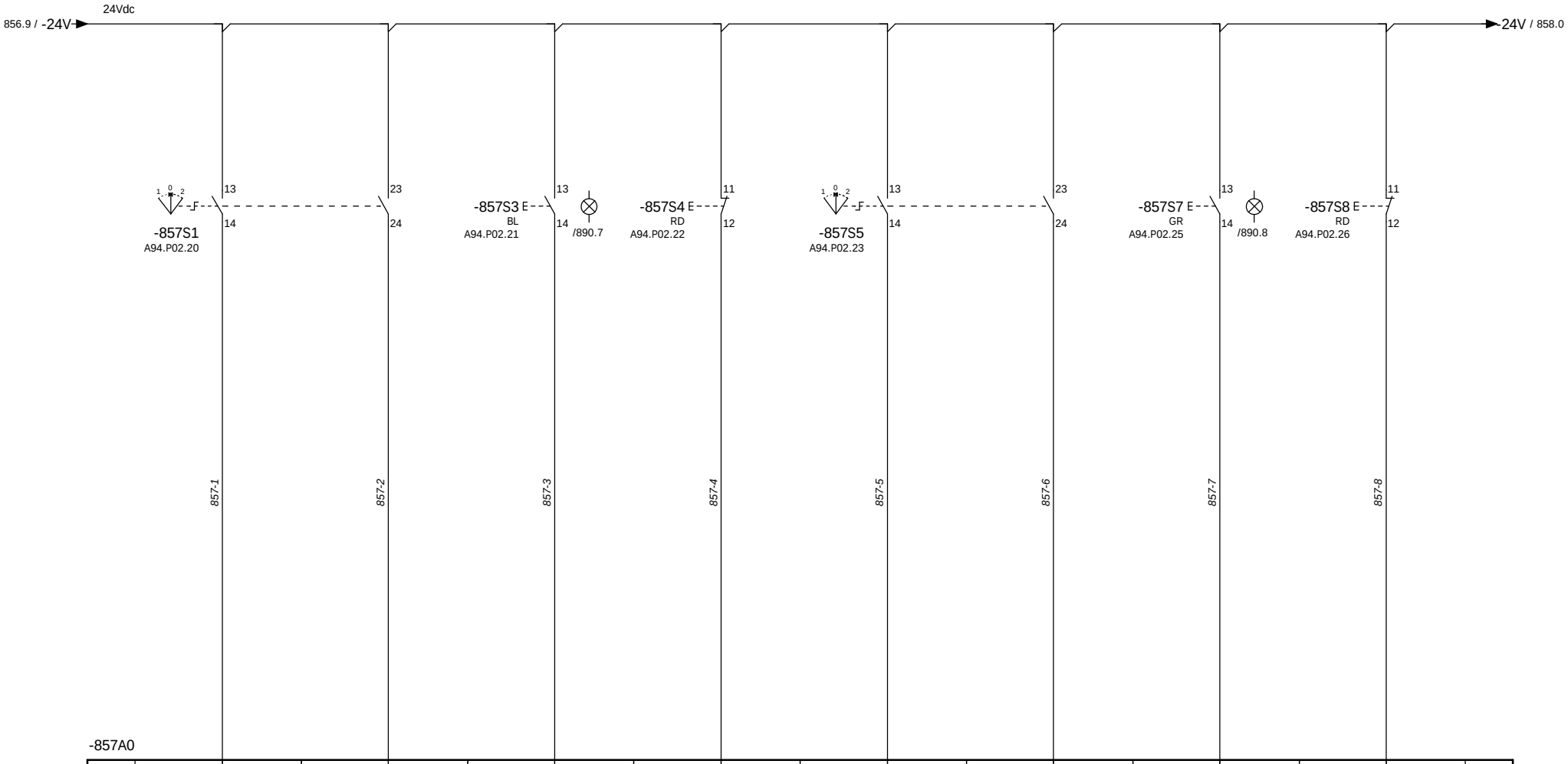
Job Nr.

Dwg.Nr. A94

= A94
+ **P02**

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-857A0

/851.3	1	5	2	6	3	7	4	8
	UNCOILER TRASLATION IN	UNCOILER TRASLATION OUT	POSITIONING	STOP POSITIONING	STRAIGHTENING ENTRY PINCH ROLL FORWARD	STRAIGHTENING ENTRY PINCH ROLL BACKWARD	STRAIGHTENING ENTRY PINCH ROLL UP	STRAIGHTENING ENTRY PINCH ROLL STOP
	E152.0	E152.1	E152.2	E152.3	E152.4	E152.5	E152.6	E152.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name		
00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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				Original	

NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

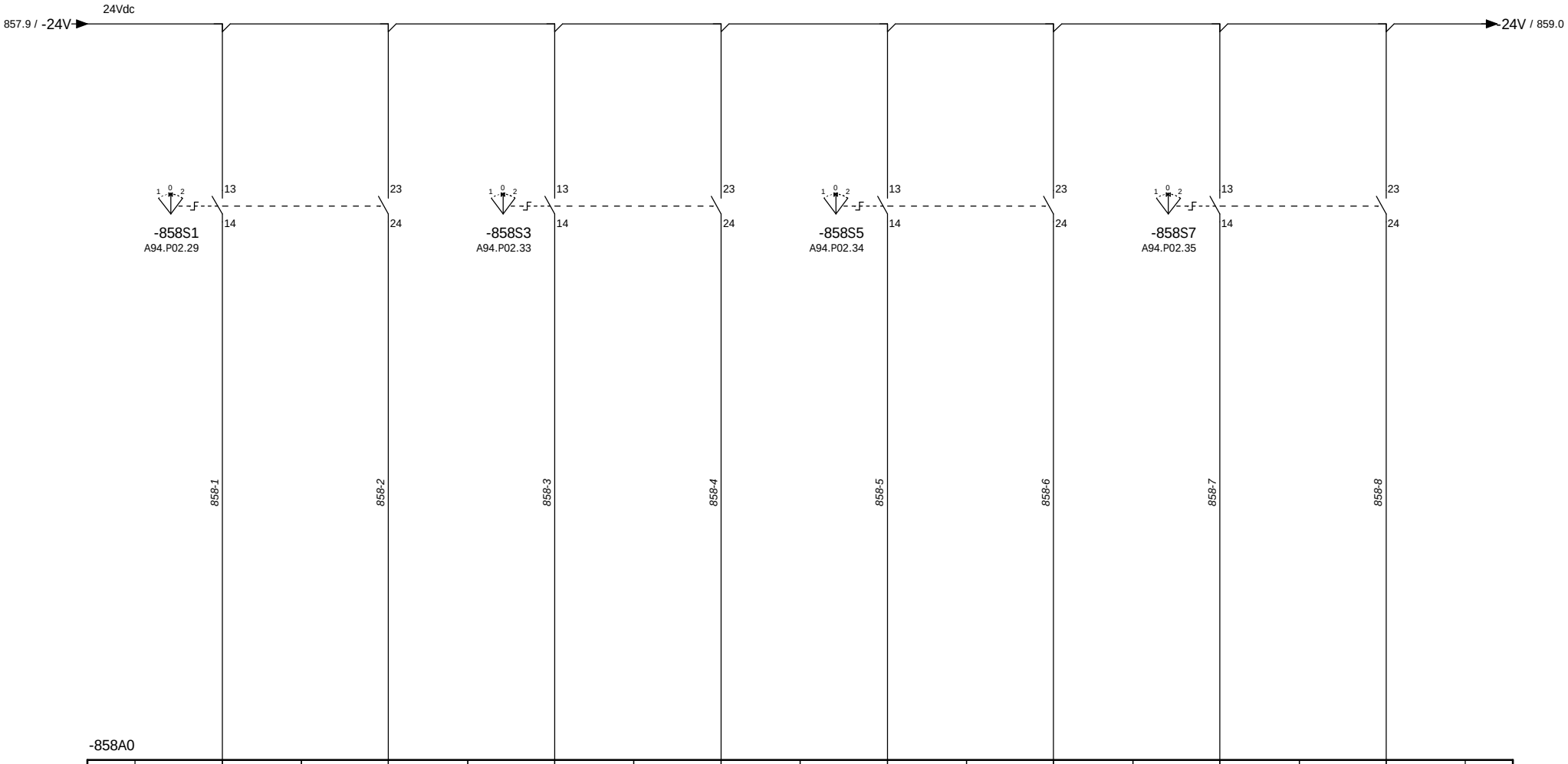
Dwg.Nr. A94

= A94

+ **P02**

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-858A0

/851.3	1	5	2	6	3	7	4	8
	STRAIGHTENING ROTATION FORWARD	STRAIGHTENING ROTATION BACKWARD	STRAIGHTENING 1st SCREW UP	STRAIGHTENING 1st SCREW DOWN	STRAIGHTENING 2nd SCREW UP	STRAIGHTENING 2nd SCREW DOWN	STRAIGHTENING DEFLECTOR ROLL UP	STRAIGHTENING DEFLECTOR ROLL DOWN
	E153.0	E153.1	E153.2	E153.3	E153.4	E153.5	E153.6	E153.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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				Check	ALE

NOVASTILMEC S.p.A. Coil Processing Equipment

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Descript.

NOVASTILMEC A94

Job Nr.

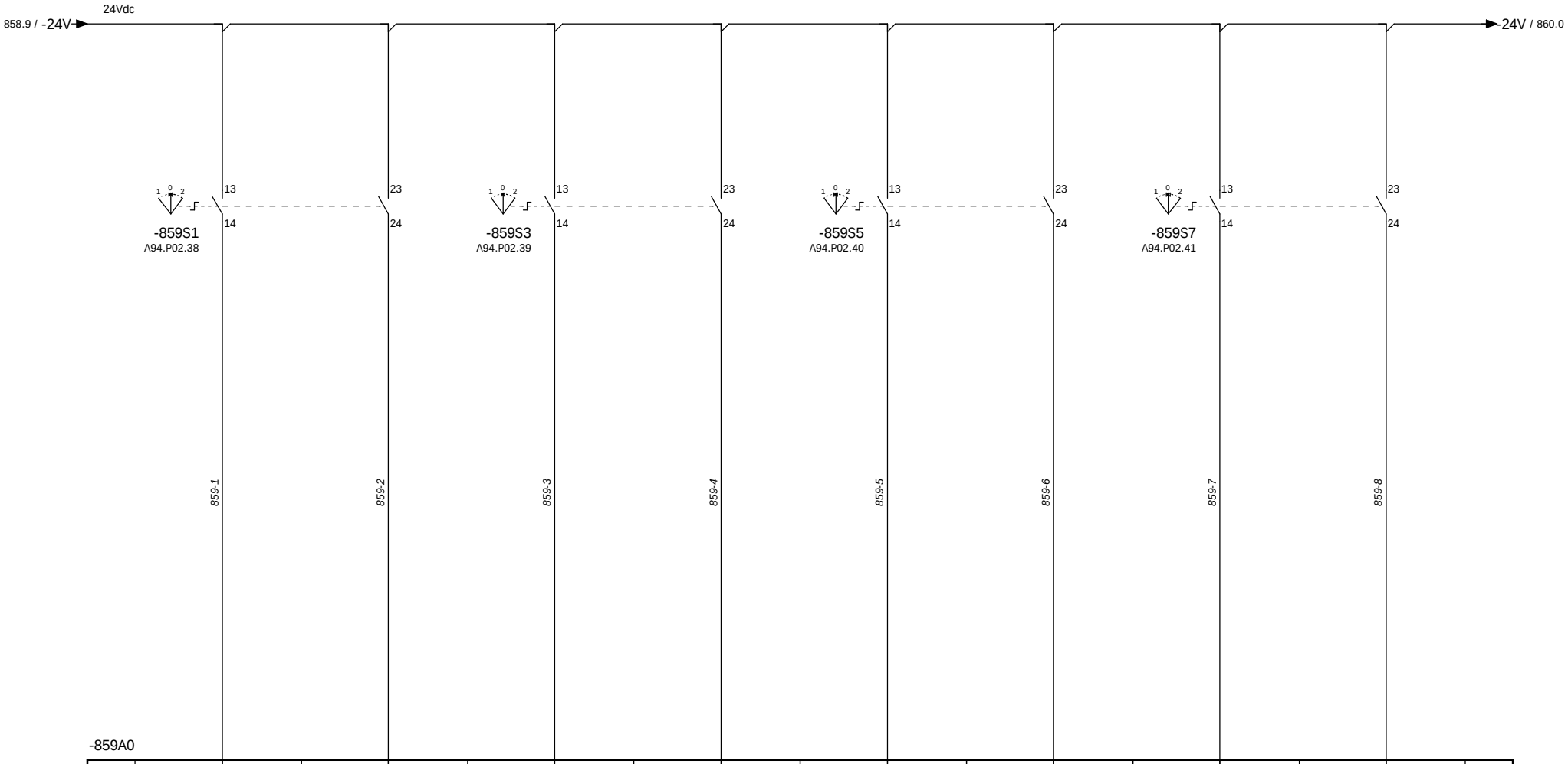
Dwg.Nr. A94

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+ **P02**

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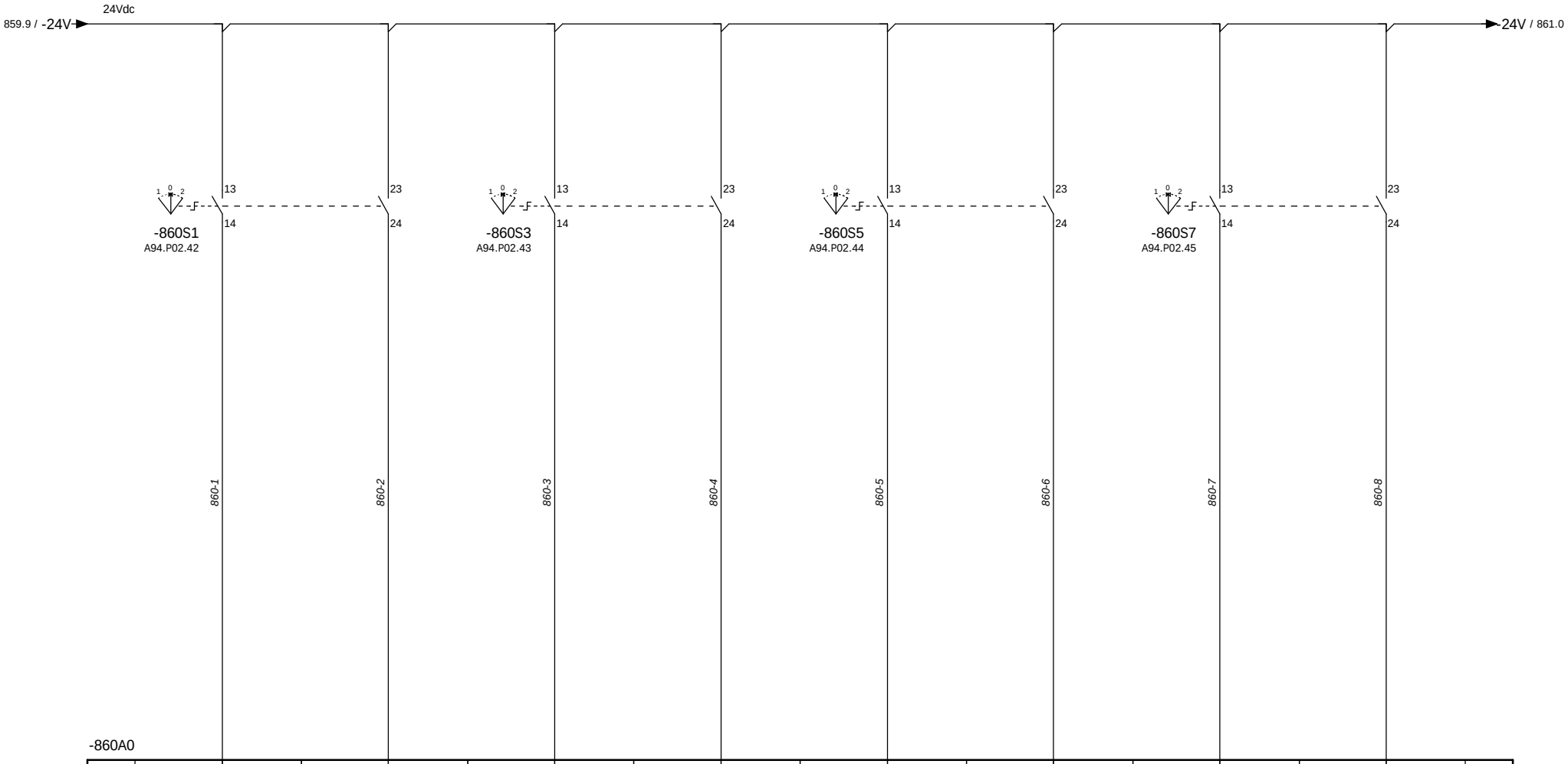


-859A0

/851.3

1	5	2	6	3	7	4	8
STRAIGHTENING UPPER TABLE UP	STRAIGHTENING UPPER TABLE DOWN	COUPLING TABLE CROP SHEAR - LEVELLER 1 UP	COUPLING TABLE CROP SHEAR - LEVELLER 1 DOWN	COUPLING TABLE EXIT LEVELLER 1 UP	COUPLING TABLE EXIT LEVELLER 1 DOWN	COUPLING TABLE ENTRY LEVELLER 2 UP	COUPLING TABLE ENTRY LEVELLER 2 DOWN
E154.0	E154.1	E154.2	E154.3	E154.4	E154.5	E154.6	E154.7

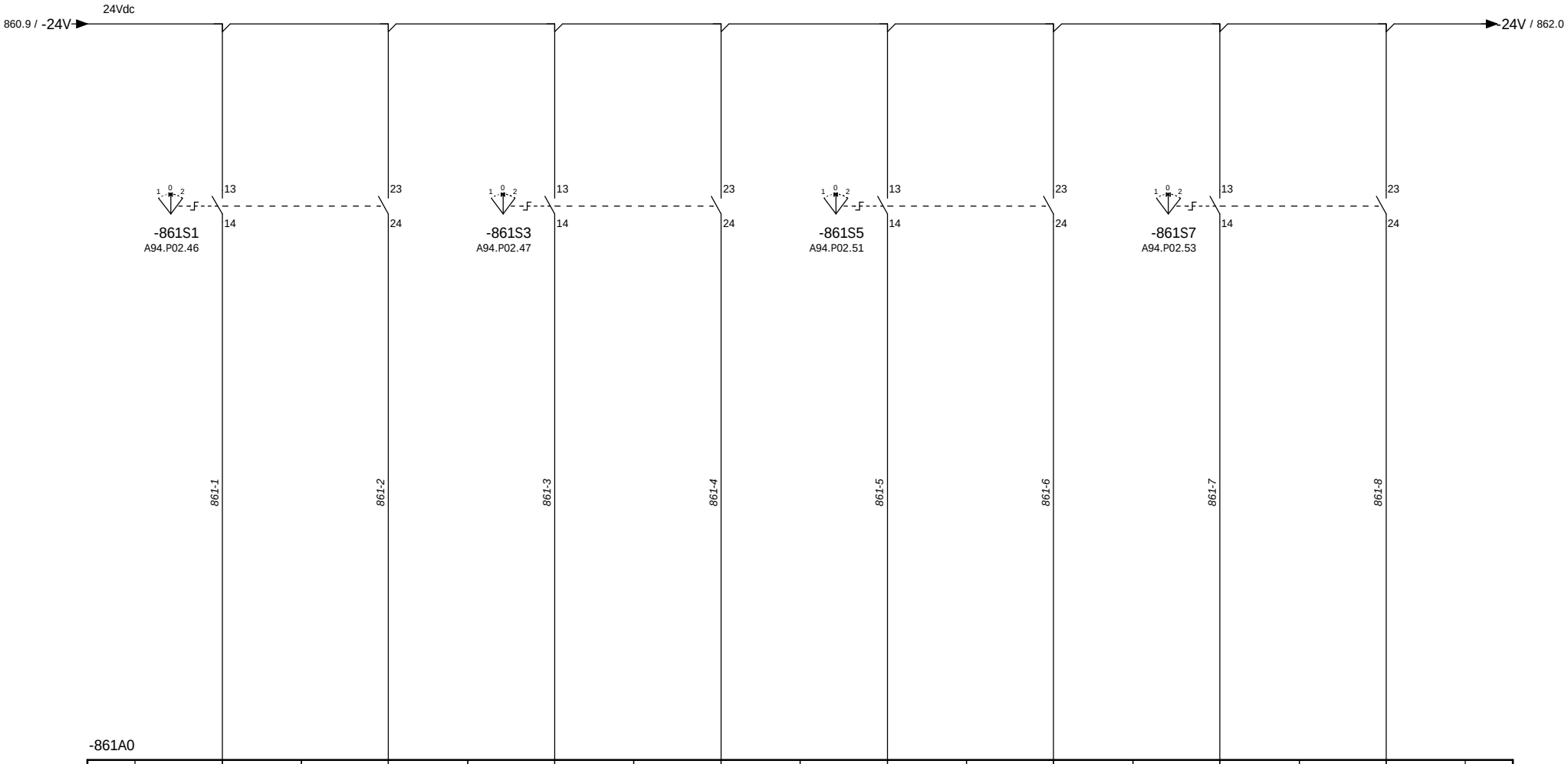
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-860A0

/851.4	1	5	2	6	3	7	4	8
	COUPLING TABLE LEVELLER 2 - PLASTICIZING UP	COUPLING TABLE LEVELLER 2 - PLASTICIZING DOWN	TILTING SHEAR 1st PINCH ROLL ROTATION FORWARD	TILTING SHEAR 1st PINCH ROLL ROTATION BACKWARD	TILTING SHEAR 1st PINCH ROLL VERTICAL MOV. UP	TILTING SHEAR 1st PINCH ROLL VERTICAL MOV. DOWN	TILTING SHEAR 2nd PINCH ROLL ROTATION FORWARD	TILTING SHEAR 2nd PINCH ROLL ROTATION BACKWARD
	E155.0	E155.1	E155.2	E155.3	E155.4	E155.5	E155.6	E155.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0



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/851.4

1	5	2	6	3	7	4	8
TILTING SHEAR 2nd PINCH ROLL VERTICAL MOV. UP	TILTING SHEAR 2nd PINCH ROLL VERTICAL MOV. DOWN	LEVELLER 1 ENTRY PINCH ROLL UP	LEVELLER 1 ENTRY PINCH ROLL DOWN	TRIMMING SHEAR O.S. BLADES ROTATION FORWARD	TRIMMING SHEAR O.S. BLADES ROTATION BACKWARD	HEAD TRIMMING SHEAR O.S. POSITIONING IN LINE	HEAD TRIMMING SHEAR O.S. POSITIONING OUT LINE
E156.0	E156.1	E156.2	E156.3	E156.4	E156.5	E156.6	E156.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

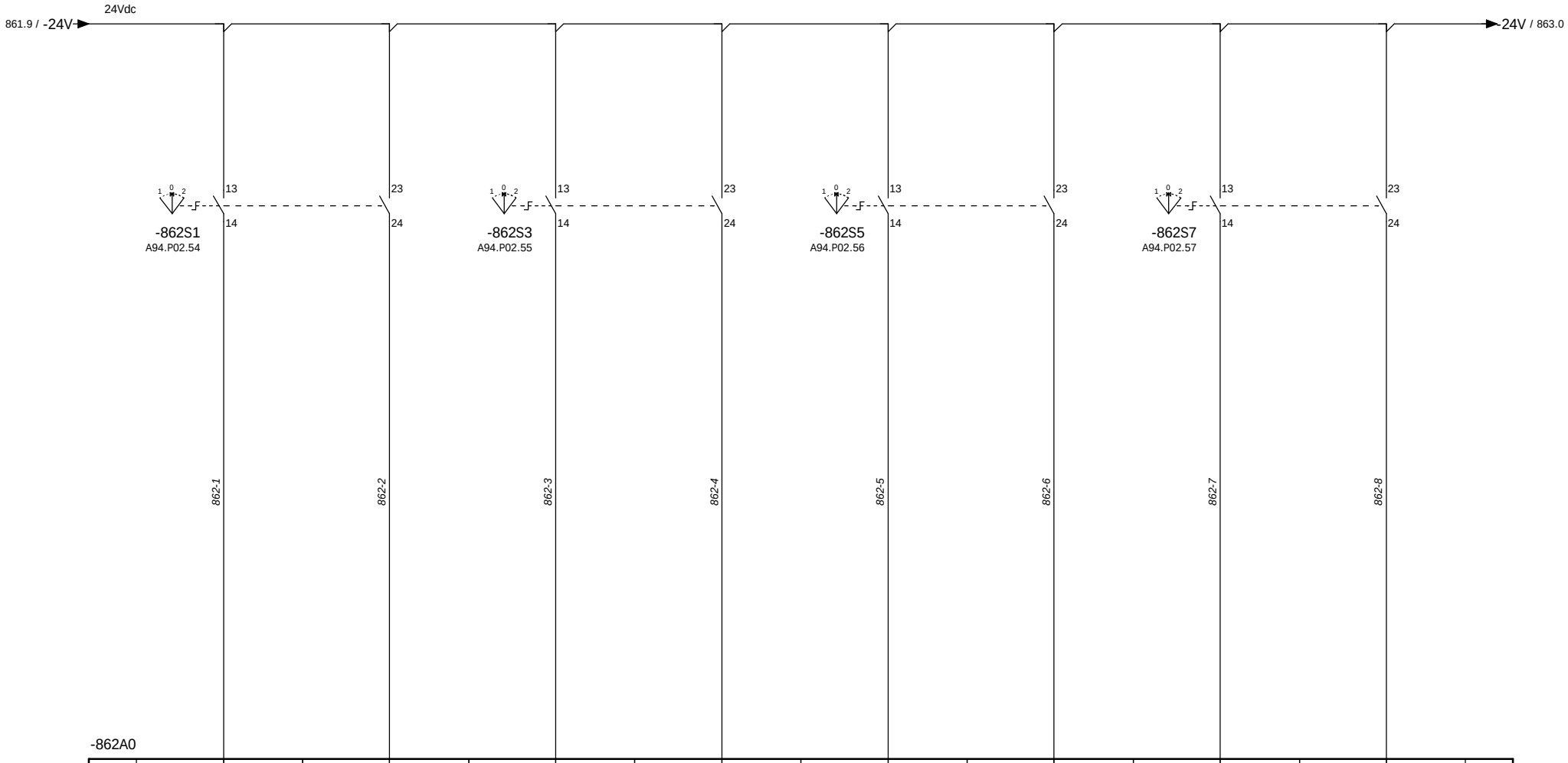
Dwg.Nr. A94

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+ **P02**

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Follow 862



-862A0

/851.4

1	5	2	6	3	7	4	8
TRIMMING SHEAR O.S. PENETRATION INCREASE	TRIMMING SHEAR O.S. PENETRATION DECREASE	TRIMMING SHEAR O.S. BLADES CLEARANCE +	TRIMMING SHEAR O.S. BLADES CLEARANCE -	TRIMMING SHEAR M.S. BLADES ROTATION FORWARD	TRIMMING SHEAR M.S. BLADES ROTATION BACKWARD	HEAD TRIMMING SHEAR M.S. POSITIONING IN LINE	HEAD TRIMMING SHEAR M.S. POSITIONING OUT LINE
E157.0	E157.1	E157.2	E157.3	E157.4	E157.5	E157.6	E157.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

Rev.	Descript.	Date	Name
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NOVASTILMEC S.p.A. Coil Processing Equipment

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Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

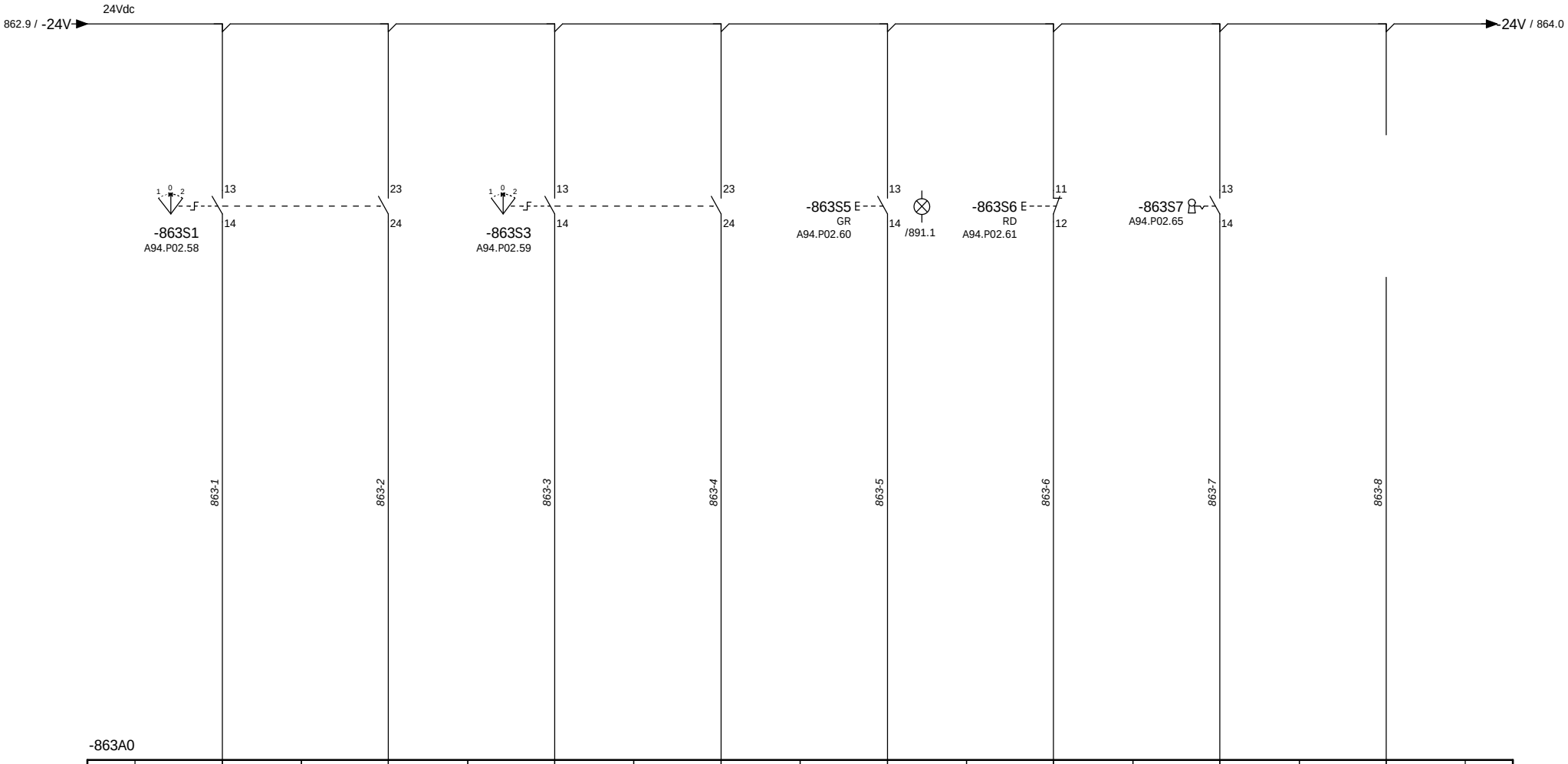
Dwg.Nr. A94

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+ **P02**

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Follow 863



-863A0

/851.5

1	5	2	6	3	7	4	8
TRIMMING SHEAR M.S. PENETRATION INCREASE	TRIMMING SHEAR M.S. PENETRATION DECREASE	TRIMMING SHEAR M.S. BLADES CLEARANCE +	TRIMMING SHEAR M.S. BLADES CLEARANCE -	TRIMMING SHEAR O.S. & M.S. HEAD LOCK	TRIMMING SHEAR O.S. & M.S. HEAD UNLOCK	BLADES DIAMETER REGULATION	SPARE
E158.0	E158.1	E158.2	E158.3	E158.4	E158.5	E158.6	E158.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

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Descript.

NOVASTILMEC A94

Job Nr.

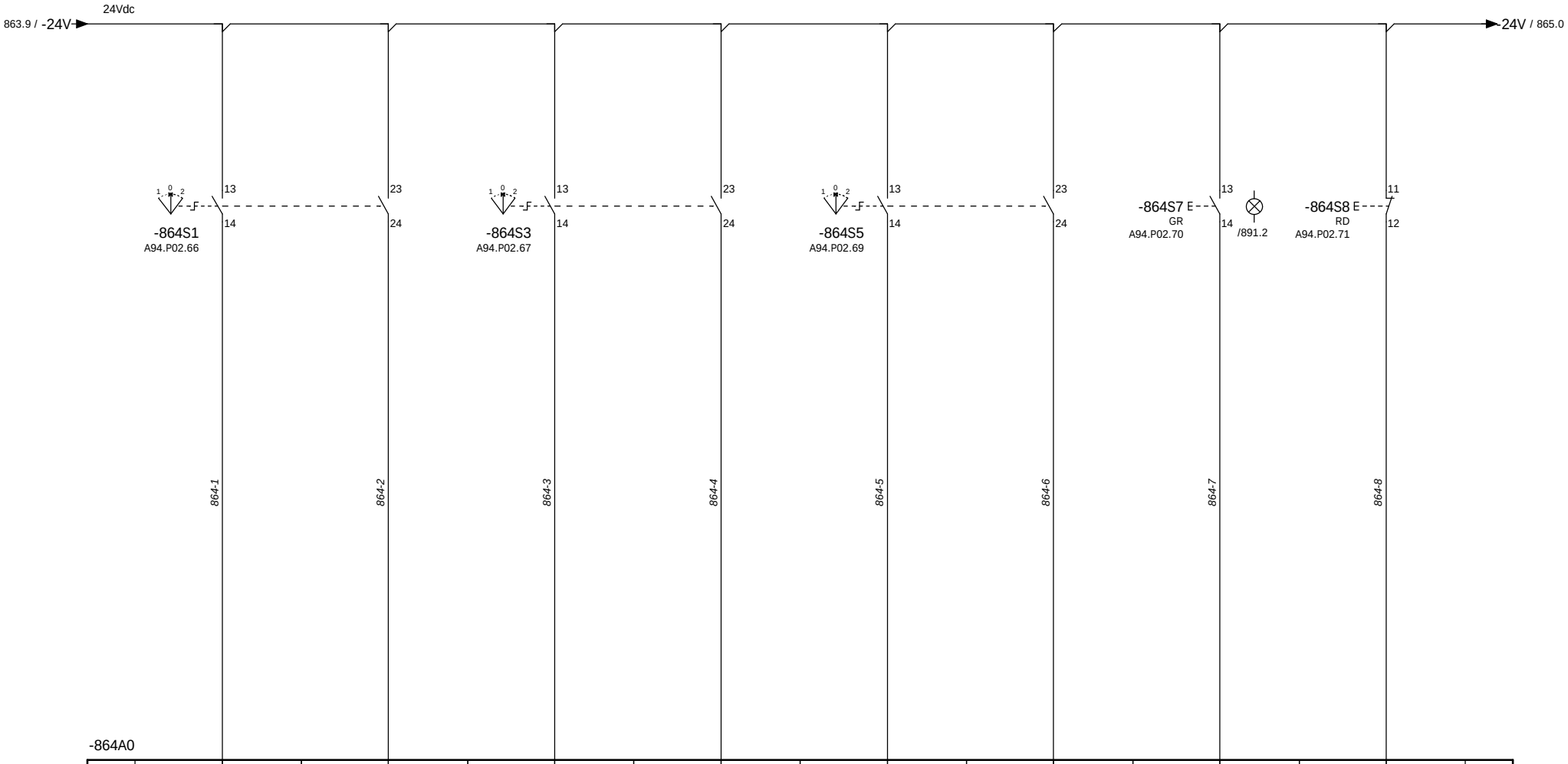
Dwg.Nr. A94

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+ **P02**

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Follow 864



-864A0

/851.5	1	5	2	6	3	7	4	8
	TRIMMING SHEAR PRESSURE ROLL UP	TRIMMING SHEAR PRESSURE ROLL DOWN	SCRAP CUT O.S. BLADES ROTATION FORWARD	SCRAP CUT O.S. BLADES ROTATION BACKWARD	SCRAP CUT O.S. HEAD POSITIONING IN LINE	SCRAP CUT O.S. HEAD POSITIONING OUT LINE	SCRAP CUT O.S. PINCH ROLL UP	SCRAP CUT O.S. PINCH ROLL STOP
	E159.0	E159.1	E159.2	E159.3	E159.4	E159.5	E159.6	E159.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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Job Nr.

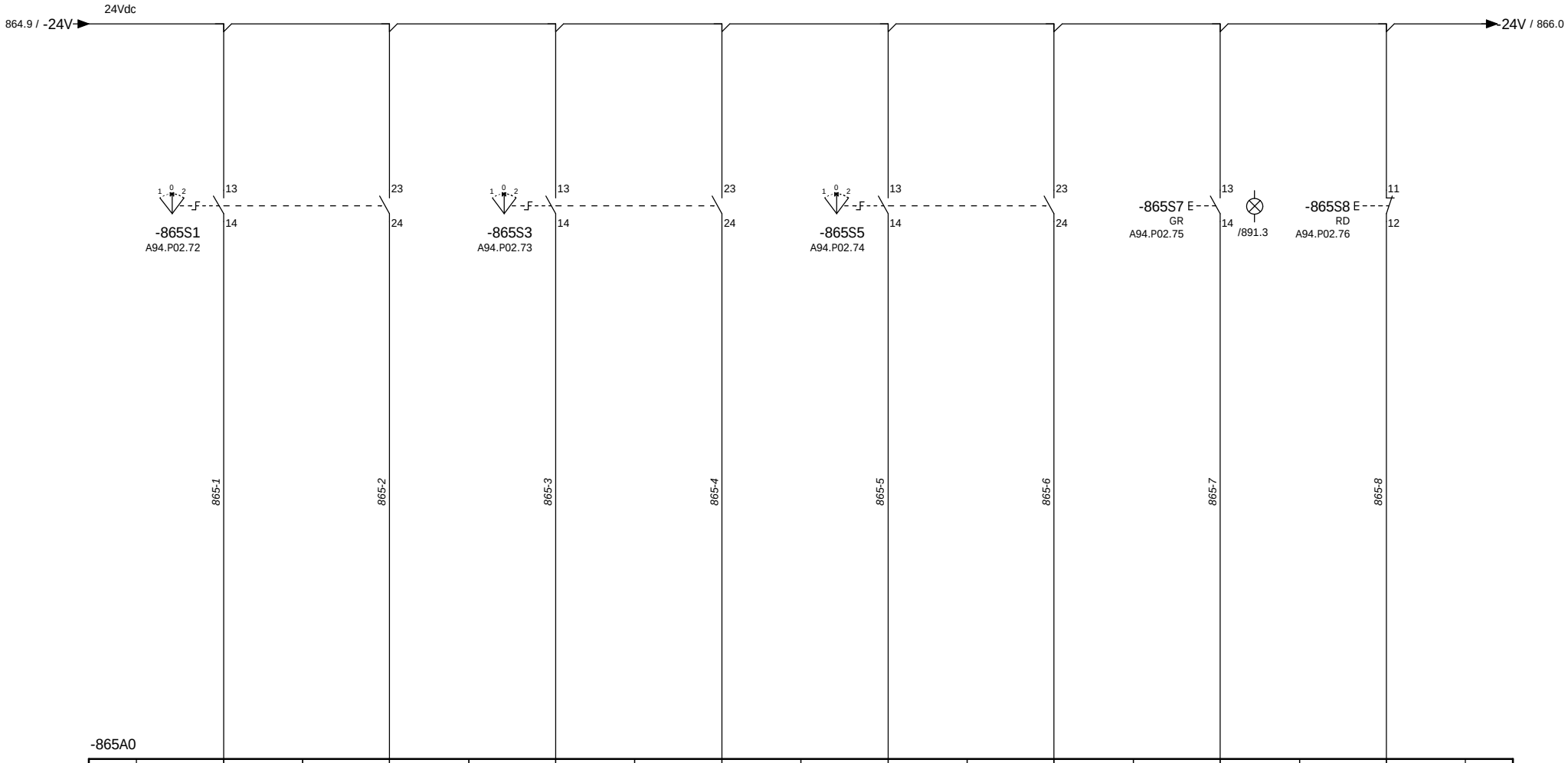
Dwg.Nr. A94

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+ **P02**

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Follow 865



-865A0

/851.5	1	5	2	6	3	7	4	8
	SCRAP CUT O.S. HEAD - BLADES CLEARANCE +	SCRAP CUT O.S. HEAD - BLADES CLEARANCE -	SCRAP CUT M.S. BLADES ROTATION FORWARD	SCRAP CUT M.S. BLADES ROTATION BACKWARD	SCRAP CUT M.S. HEAD POSITIONING IN LINE	SCRAP CUT M.S. HEAD POSITIONING OUT LINE	SCRAP CUT M.S. PINCH ROLL UP	SCRAP CUT M.S. PINCH ROLL STOP
	E160.0	E160.1	E160.2	E160.3	E160.4	E160.5	E160.6	E160.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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Descript.

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Job Nr.

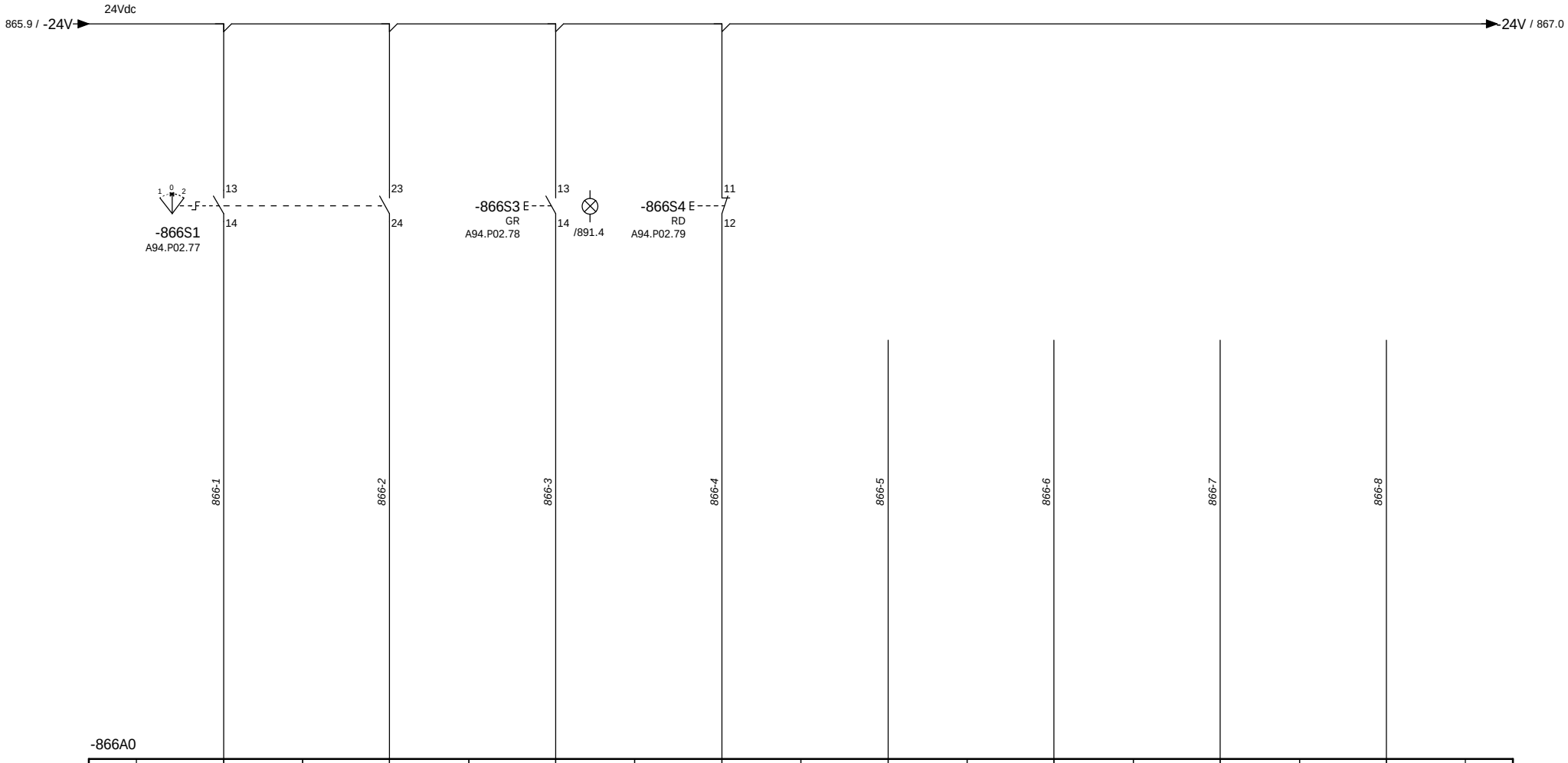
Dwg.Nr. A94

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+ **P02**

Page **865**

Follow 866



-866A0

/851.6	1	5	2	6	3	7	4	8
	SCRAP CUT M.S. HEAD - BLADES CLEARANCE +	SCRAP CUT M.S. HEAD - BLADES CLEARANCE -	SCRAP CONVEYOR ROTATION START	SCRAP CONVEYOR ROTATION STOP	SPARE	SPARE	SPARE	SPARE
	E161.0	E161.1	E161.2	E161.3	E161.4	E161.5	E161.6	E161.7

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Job Nr.

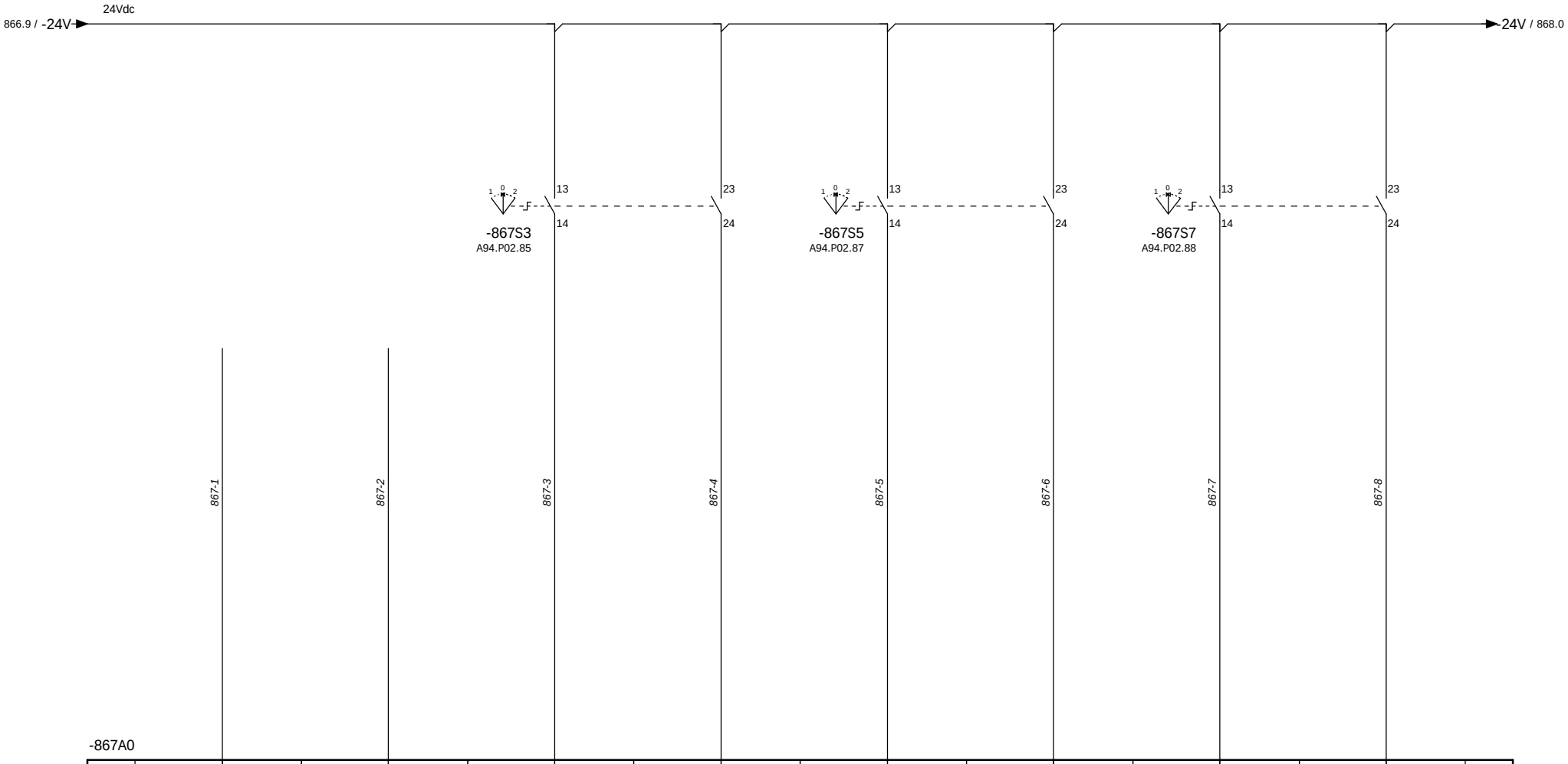
Dwg.Nr. A94

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+ **P02**

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Follow 867



-867A0

/851.6	1	5	2	6	3	7	4	8
	SPARE	SPARE	LEVELLER 1 ROTATION FORWARD	LEVELLER 1 ROTATION BACKWARD	LEVELLER 1 BACK-UP ROLL 1 UP	LEVELLER 1 BACK-UP ROLL 1 DOWN	LEVELLER 1 BACK-UP ROLL 2 UP	LEVELLER 1 BACK-UP ROLL 2 DOWN
	E162.0	E162.1	E162.2	E162.3	E162.4	E162.5	E162.6	E162.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

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NOVASTILMEC A94

Job Nr.

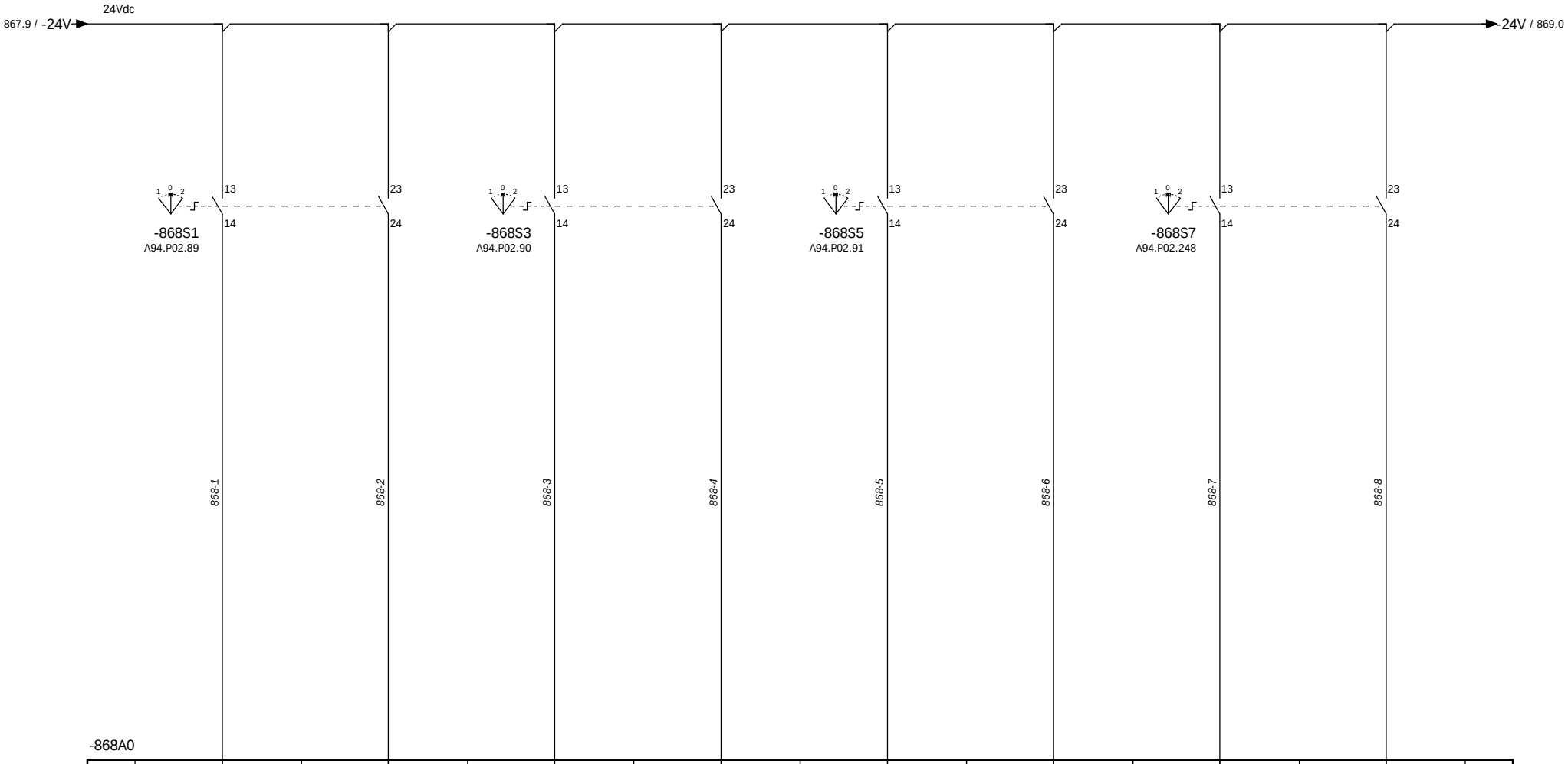
Dwg.Nr. A94

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+ **P02**

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Follow 868



-868A0

/851.6	1	5	2	6	3	7	4	8
	LEVELLER 1 BACK-UP ROLL 3 UP	LEVELLER 1 BACK-UP ROLL 3 DOWN	LEVELLER 1 BACK-UP ROLL 4 UP	LEVELLER 1 BACK-UP ROLL 4 DOWN	LEVELLER 1 BACK-UP ROLL 5 UP	LEVELLER 1 BACK-UP ROLL 5 DOWN	TESTINA DI STAMPA RAISE	TESTINA DI STAMPA LOWER
	E163.0	E163.1	E163.2	E163.3	E163.4	E163.5	E163.6	E163.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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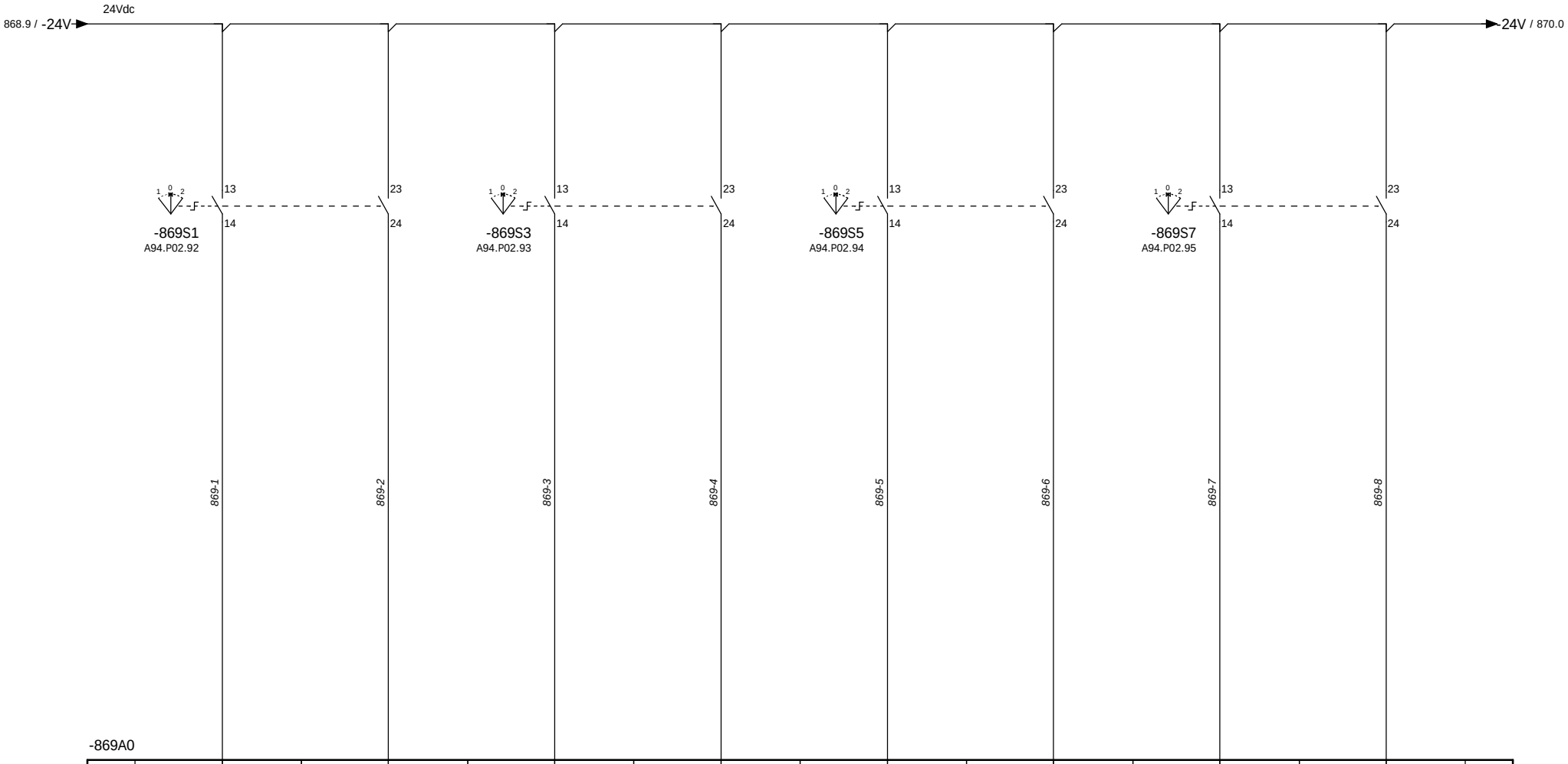
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

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+ **P02**

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Follow 869



-869A0

/851.7	1	5	2	6	3	7	4	8
	LEVELLER 1 SCREW JACK 2-4 UP	LEVELLER 1 SCREW JACK 2-4 DOWN	LEVELLER 1 SCREW JACK 1-2 UP	LEVELLER 1 SCREW JACK 1-2 DOWN	LEVELLER 1 SCREW JACK 1-3 UP	LEVELLER 1 SCREW JACK 1-3 DOWN	LEVELLER 1 SCREW JACK 3-4 UP	LEVELLER 1 SCREW JACK 3-4 DOWN
	E164.0	E164.1	E164.2	E164.3	E164.4	E164.5	E164.6	E164.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

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Descript.

NOVASTILMEC A94

Job Nr.

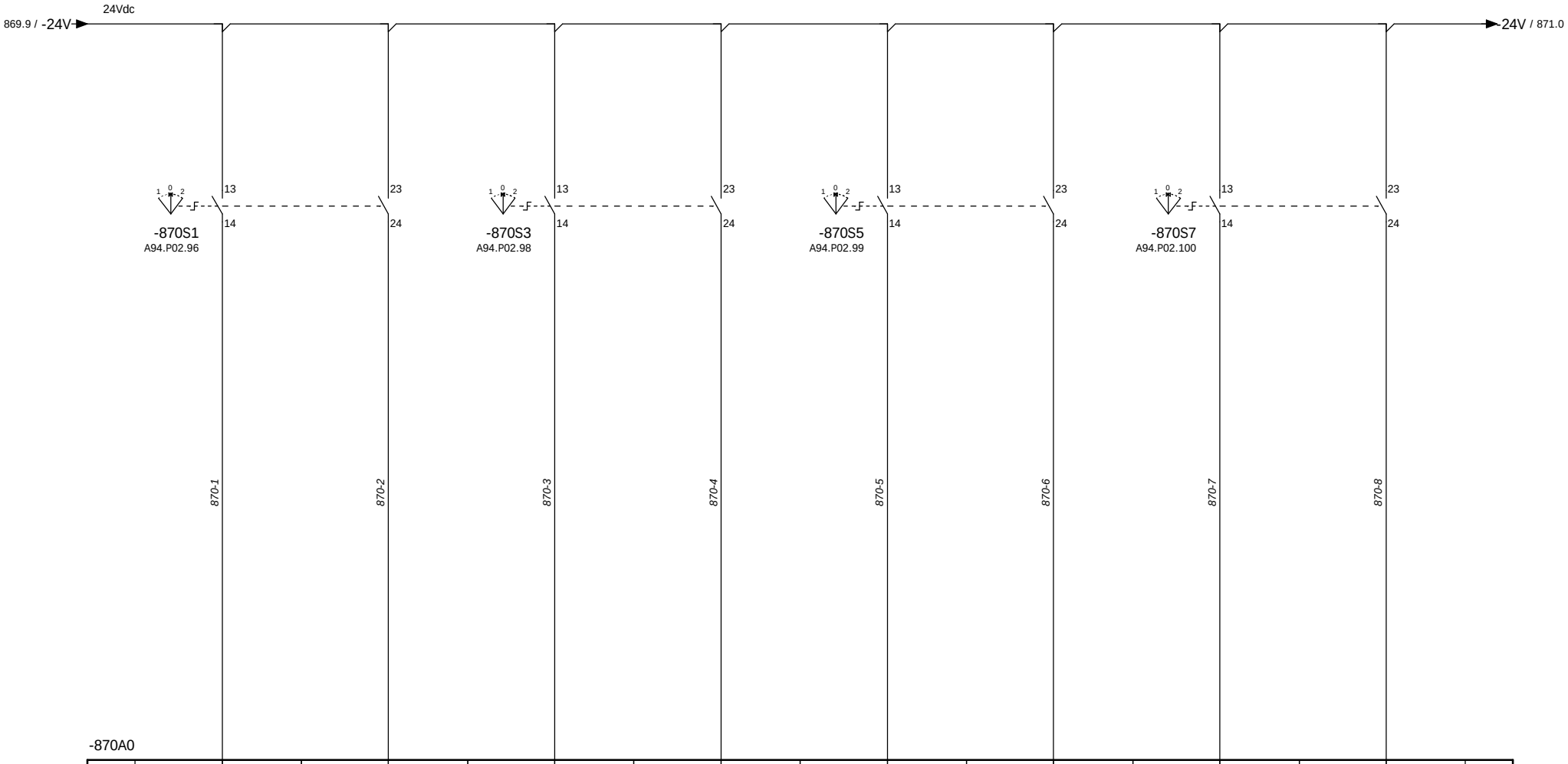
Dwg.Nr. A94

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+ **P02**

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Follow 870



-870A0

/851.7	1	5	2	6	3	7	4	8
	LEVELLER 1 UPPER TABLE UP	LEVELLER 1 UPPER TABLE DOWN	LEVELLER 1 PLATE UP	LEVELLER 1 PLATE DOWN	LEVELLER 1 UPPER TABLE LOCK	LEVELLER 1 UPPER TABLE UNLOCK	LEVELLER 1 LOWER TABLE LOCK	LEVELLER 1 LOWER TABLE UNLOCK
	E165.0	E165.1	E165.2	E165.3	E165.4	E165.5	E165.6	E165.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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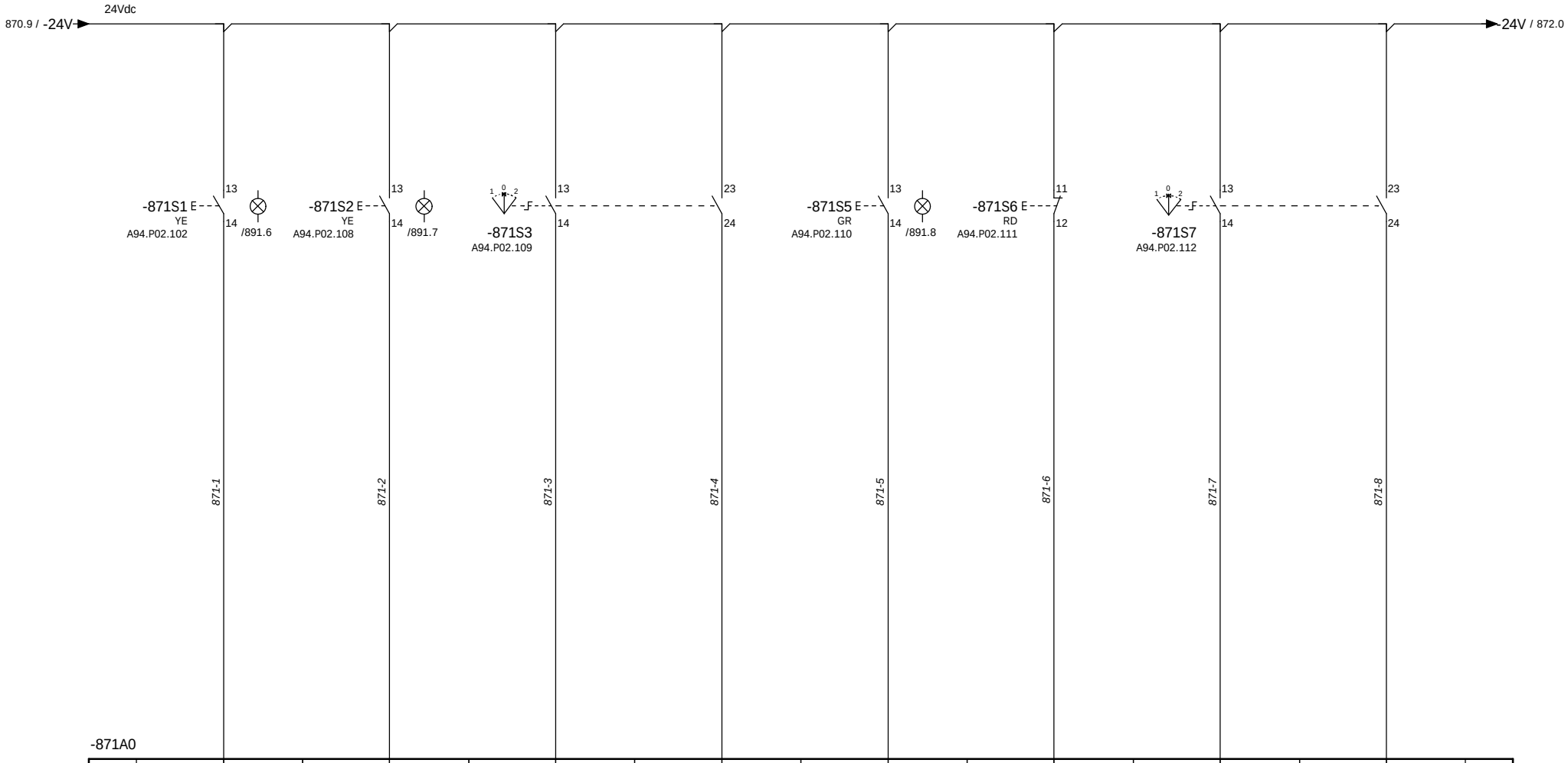
NOVASTILMEC A94

Job Nr.

Dwg.Nr. A94

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+ **P02**

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-871A0

/851.7

1	5	2	6	3	7	4	8
LEVELLER 1 IN USE	LEVELLER 1 RESET GREASE LUBRICATION	LEVELLER 1 CLEANING ROLL OPERATOR SIDE	LEVELLER 1 CLEANING ROLL MOTOR SIDE	LEVELLER 1 CLEANING ROLL START	LEVELLER 1 CLEANING ROLL STOP	LEVELLER 2 ROTATION FORWARD	LEVELLER 2 ROTATION BACKWARD
E166.0	E166.1	E166.2	E166.3	E166.4	E166.5	E166.6	E166.7

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+ **P02**

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871.9 / -24V ——— -24V / 873.0

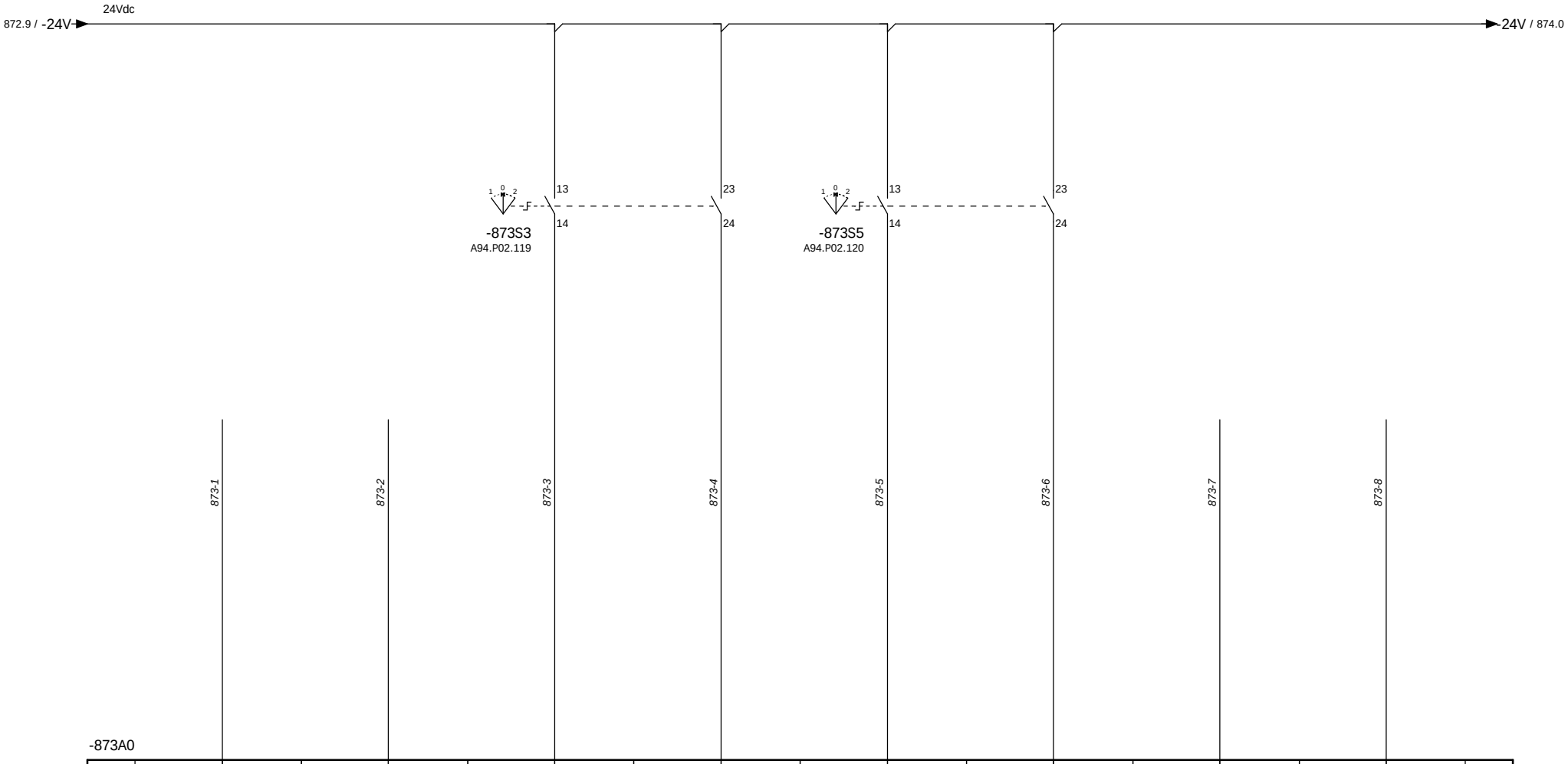
872-1 *872-2* *872-3* *872-4* *872-5* *872-6* *872-7* *872-8*

-872A0

/851.8

1	5	2	6	3	7	4	8
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
E167.0	E167.1	E167.2	E167.3	E167.4	E167.5	E167.6	E167.7

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Descript.

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Job Nr.

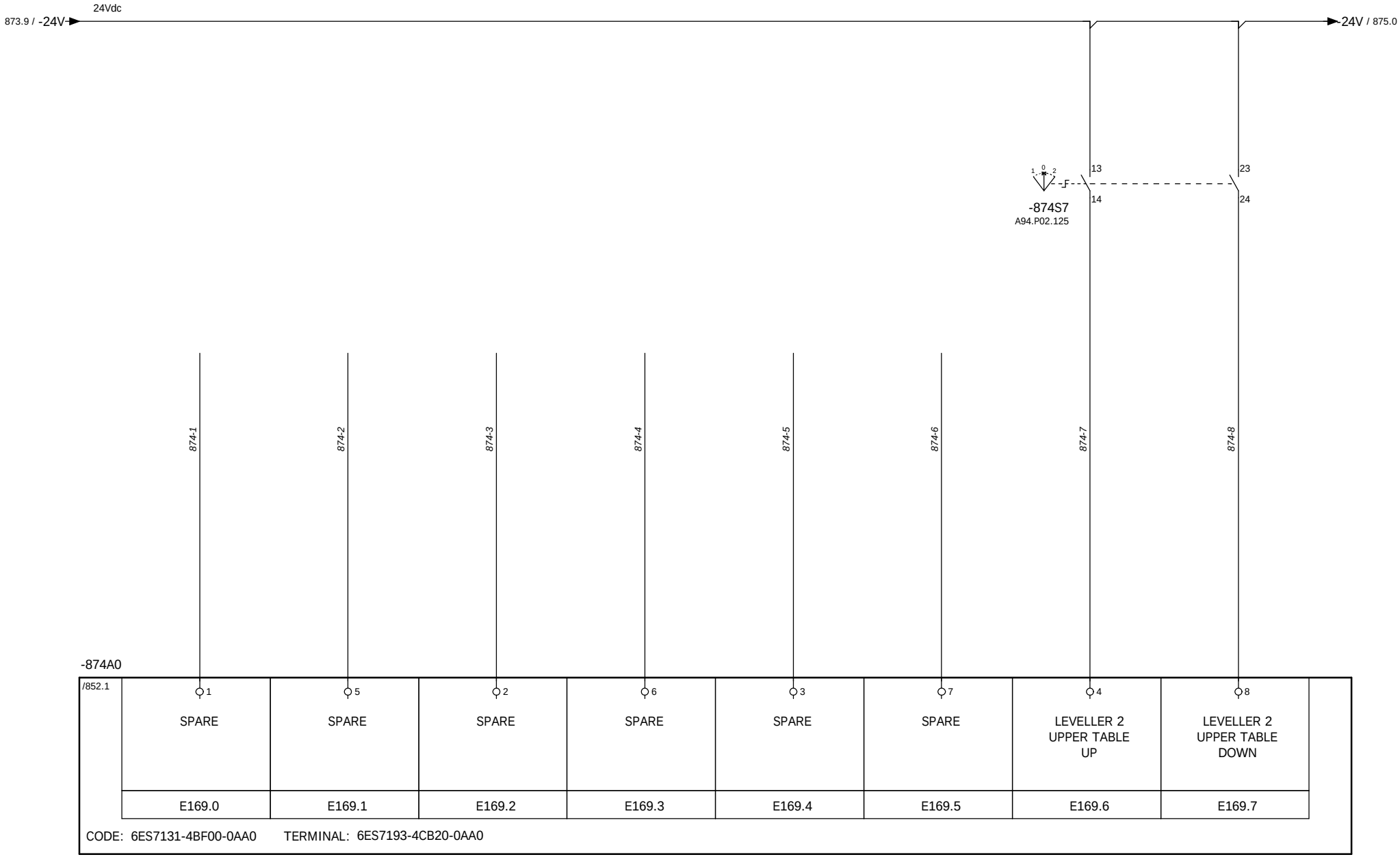
Dwg.Nr. A94

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+ **P02**

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Descript.

NOVASTILMEC A94

Job Nr.

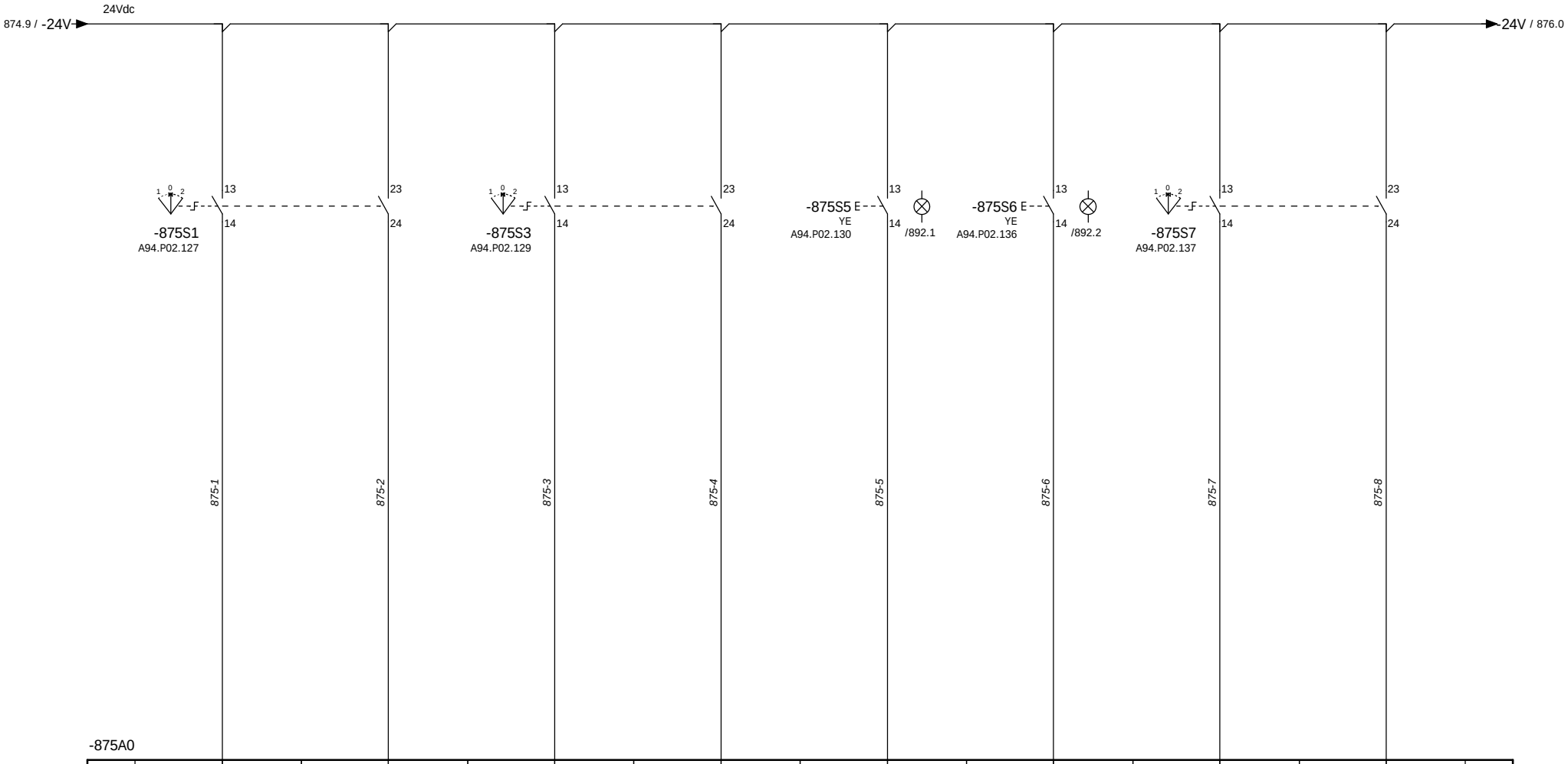
Dwg.Nr. A94

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+ **P02**

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-875A0

/852.1	1	5	2	6	3	7	4	8
	LEVELLER 2 UPPER TABLE LOCK	LEVELLER 2 UPPER TABLE UNLOCK	LEVELLER 2 LOWER TABLE LOCK	LEVELLER 2 LOWER TABLE UNLOCK	LEVELLER 2 IN USE	LEVELLER 2 RESET GREASE LUBRICATION	LEVELLER 2 CLEANING ROLL OPERATOR SIDE	LEVELLER 2 CLEANING ROLL MOTOR SIDE
	E170.0	E170.1	E170.2	E170.3	E170.4	E170.5	E170.6	E170.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC A94

Job Nr.

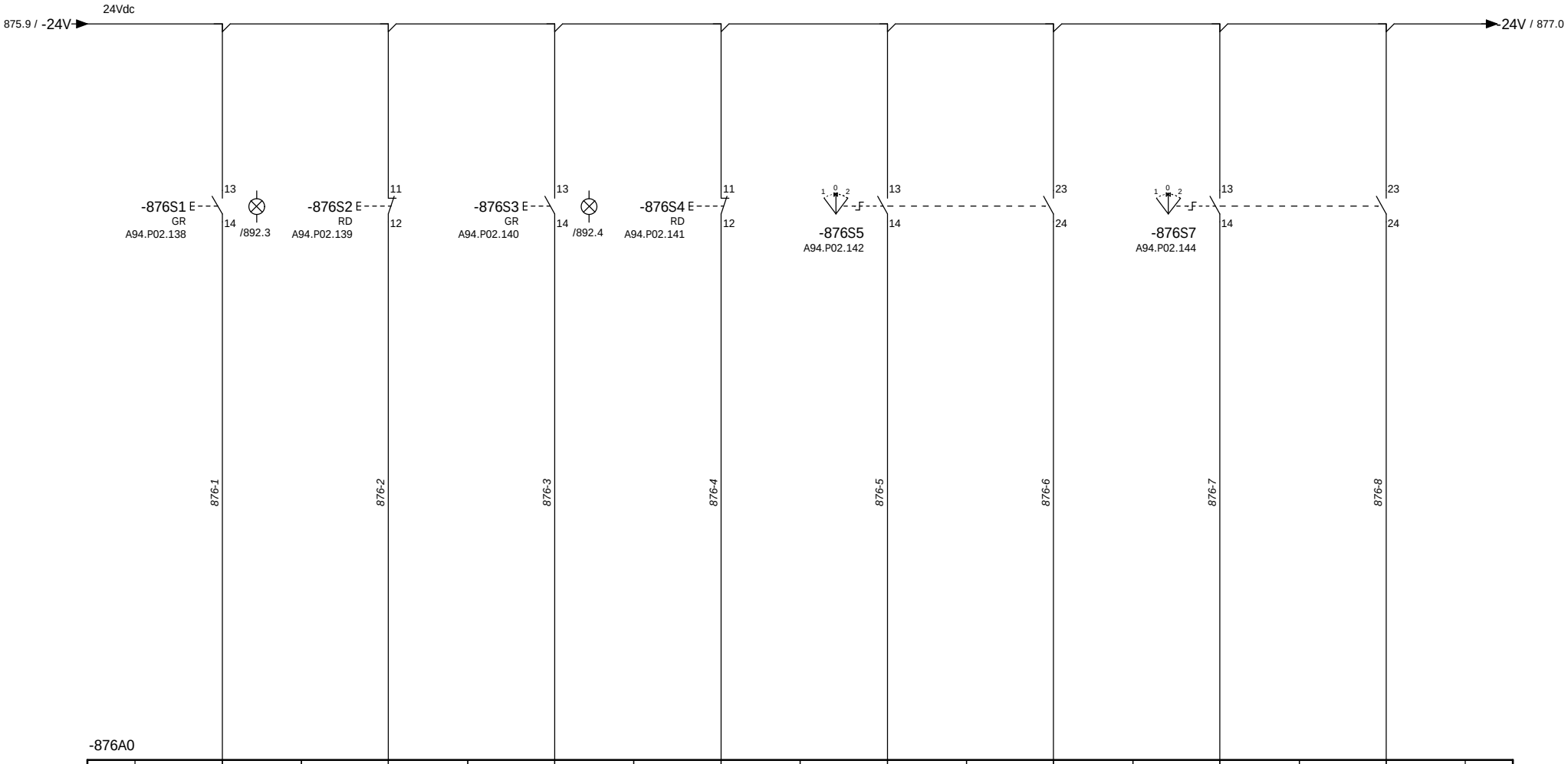
Dwg.Nr. A94

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+ **P02**

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-876A0

/852.1

1	5	2	6	3	7	4	8
LEVELLER 2 CLEANING ROLL START	LEVELLER 2 CLEANING ROLL STOP	MEASURING WHEEL START	MEASURING WHEEL STOP	PLASTICIZING FORWARD	PLASTICIZING BACKWARD	UPPER SUPPORT ROLLS CLOCKWISE	UPPER SUPPORT ROLLS ANTICLOCKWISE
E171.0	E171.1	E171.2	E171.3	E171.4	E171.5	E171.6	E171.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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Job Nr.

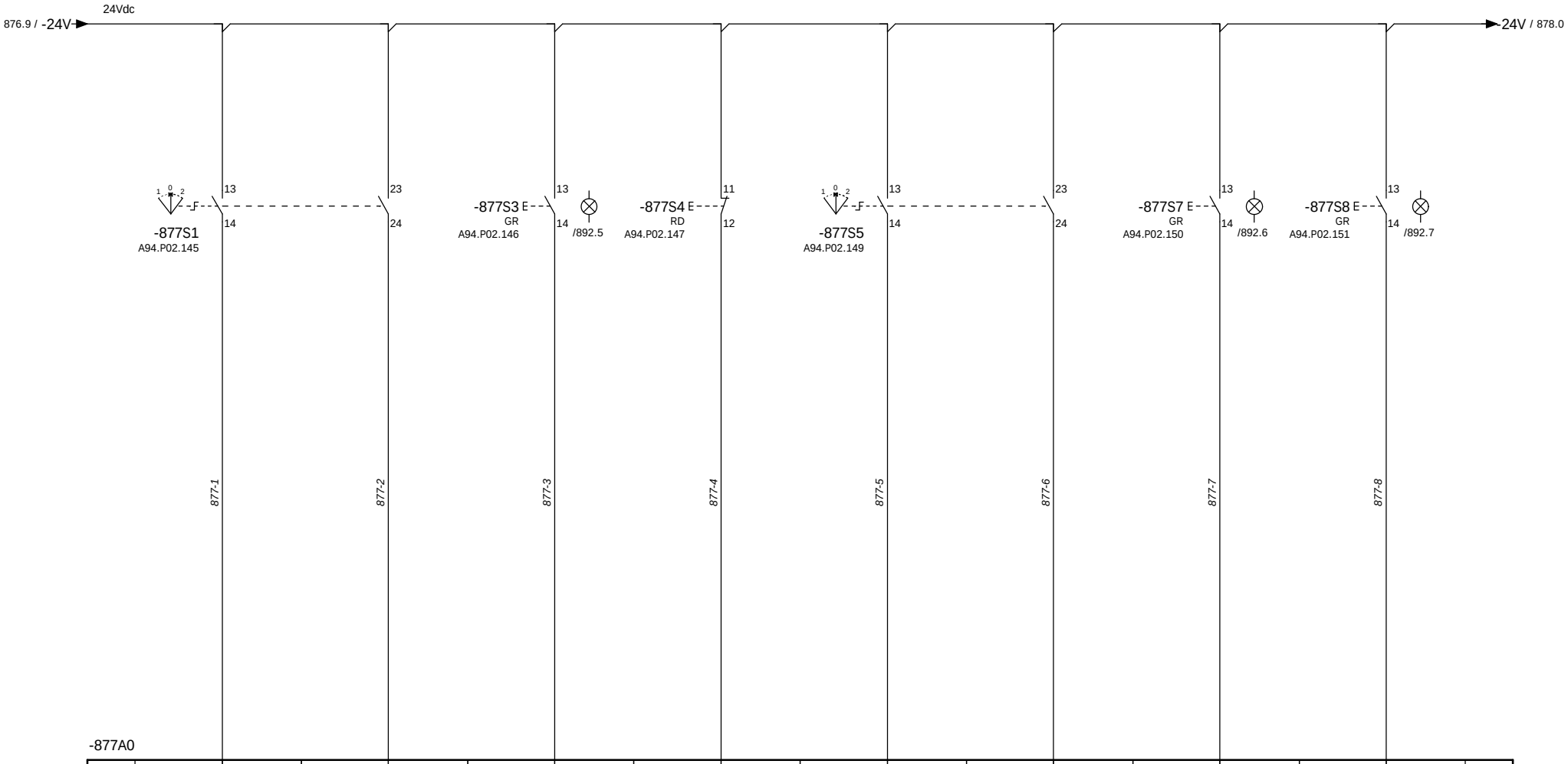
Dwg.Nr. A94

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+ **P02**

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Follow 877



-877A0

/852.2

1	5	2	6	3	7	4	8
UPPER SUPPORT ROLLS MOTOR SIDE	UPPER SUPPORT ROLLS OPERATOR SIDE	UPPER ROLL PLASTICIZING OPEN	UPPER ROLL PLASTICIZING CLOSE	LOWER SUPPORT ROLLS MOTOR SIDE	LOWER SUPPORT ROLLS OPERATOR SIDE	HEATING LIGHT 1 START	HEATING LIGHT 2 START
E172.0	E172.1	E172.2	E172.3	E172.4	E172.5	E172.6	E172.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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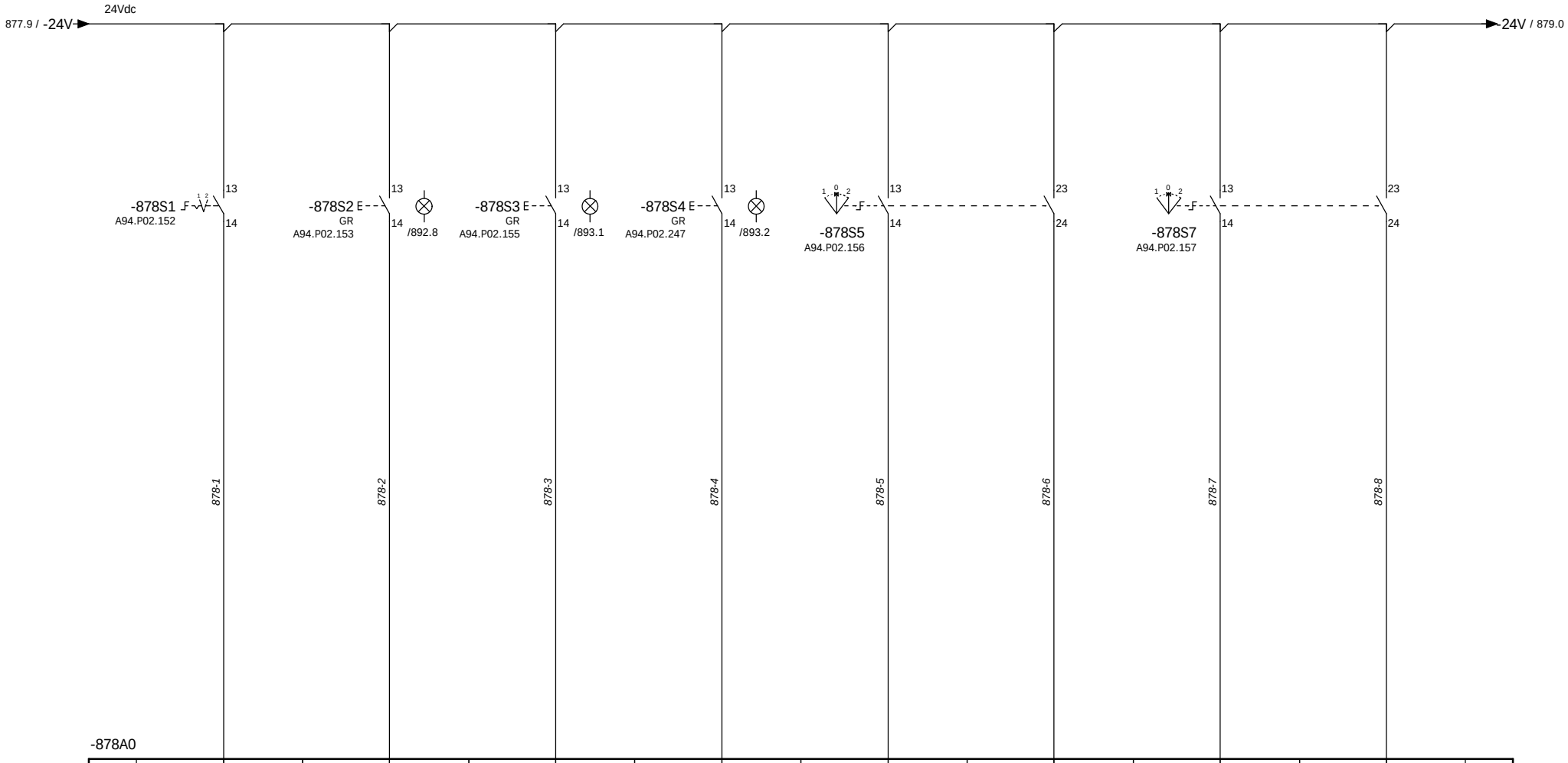
NOVASTILMEC A94

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+ **P02**

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/852.2

1	5	2	6	3	7	4	8
HEATING LIGHT ON/OFF	HEATING LIGHT 3 START	IONOGENIC BAR 1/2 START	FLYING SHEAR HEATING LIGHT START	CENTERING ROLL N.3 OPERATOR SIDE IN	CENTERING ROLL N.3 OPERATOR SIDE OUT	CENTERING ROLL N.3 MOTOR SIDE IN	CENTERING ROLL N.3 MOTOR SIDE OUT
E173.0	E173.1	E173.2	E173.3	E173.4	E173.5	E173.6	E173.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

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Descript.

NOVASTILMEC A94

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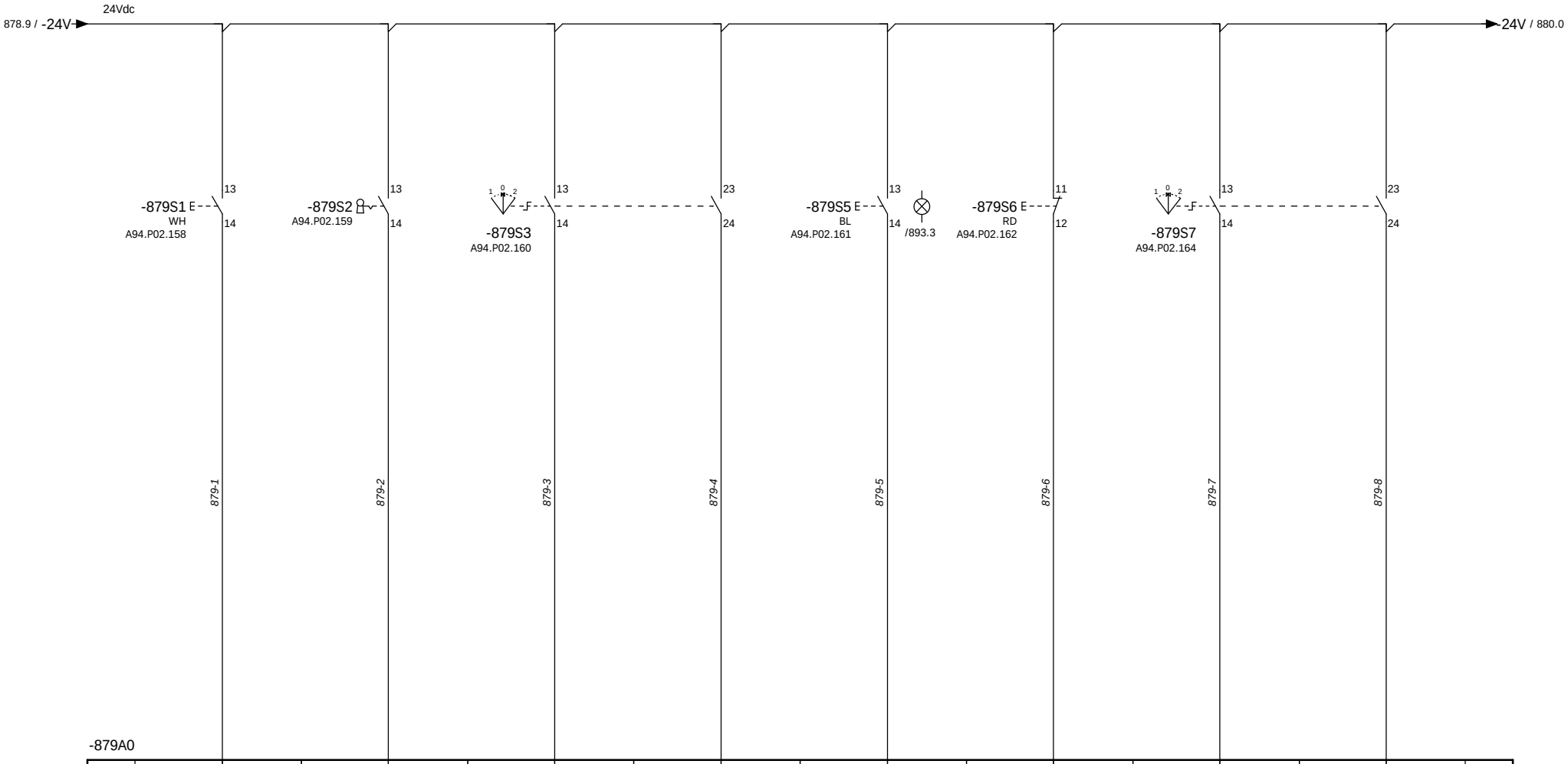
Dwg.Nr. A94

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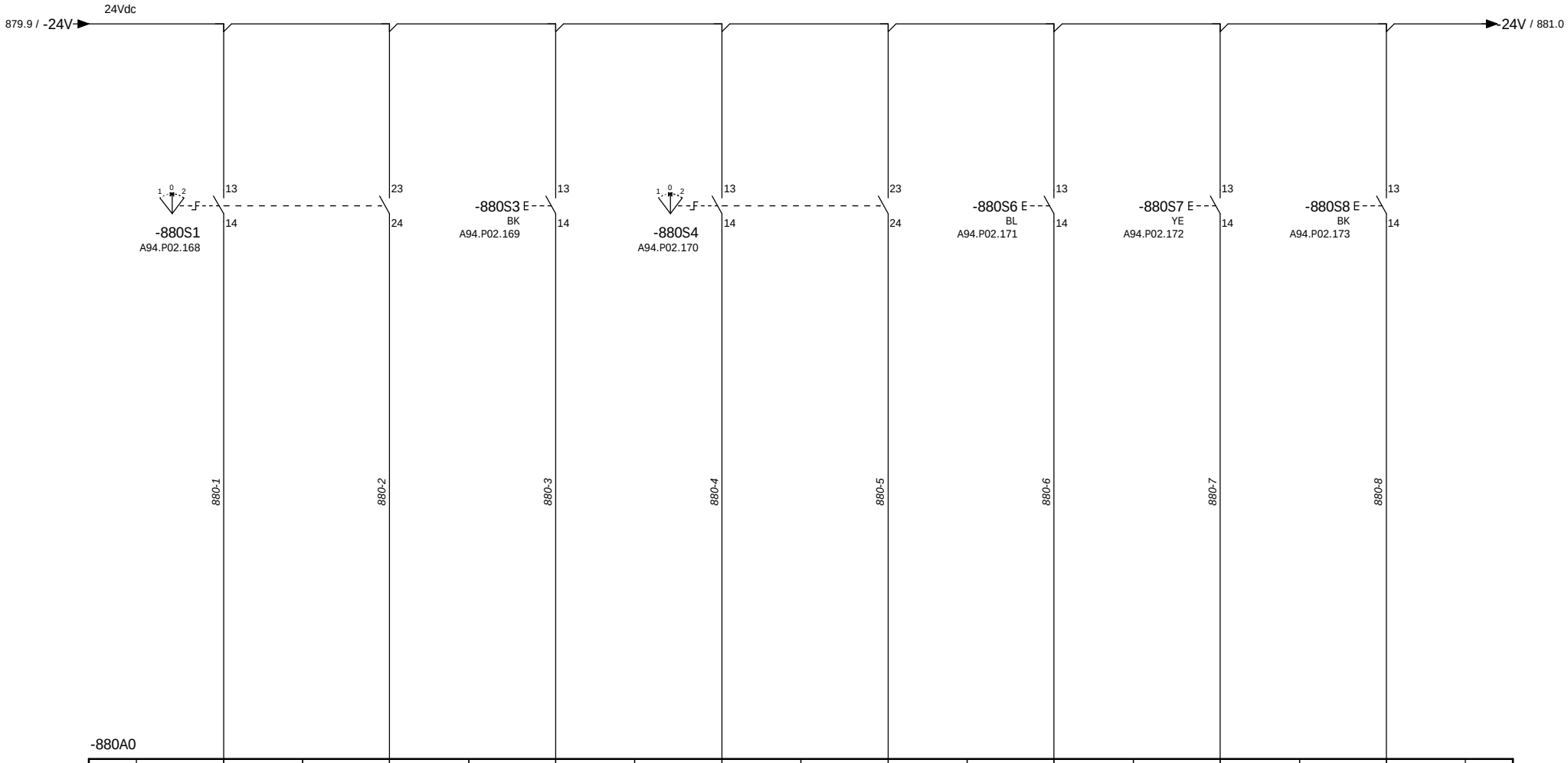


-879A0

/852.2	1	5	2	6	3	7	4	8
	TILTING SHEAR VERTICAL MOVEMENT	TILTING SHEAR UP/DOWN	TILTING SHEAR BLADES CLEARANCE +	TILTING SHEAR BLADES CLEARANCE -	TILTING SHEAR BLADES CLEARANCE POSITIONING	TILTING SHEAR BLADES CLEARANCE POSITIONING	TILTING SHEAR ROTATION CLOCKWISE	TILTING SHEAR ROTATION ANTICLOCKWISE
	E174.0	E174.1	E174.2	E174.3	E174.4	E174.5	E174.6	E174.7

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/852.3

1	5	2	6	3	7	4	8
TAIL PINCH ROLL FORWARD	TAIL PINCH ROLL BACKWARD	TAIL PINCH ROLL	TAIL PINCH ROLL RAISE	TAIL PINCH ROLL LOWER	MEASURING WHELL POSITION	FLYING SHEAR HORIZONTAL MOVEMENT O.S.	FLYING SHEAR HORIZONTAL MOVEMENT M.S.
E175.0	E175.1	E175.2	E175.3	E175.4	E175.5	E175.6	E175.7

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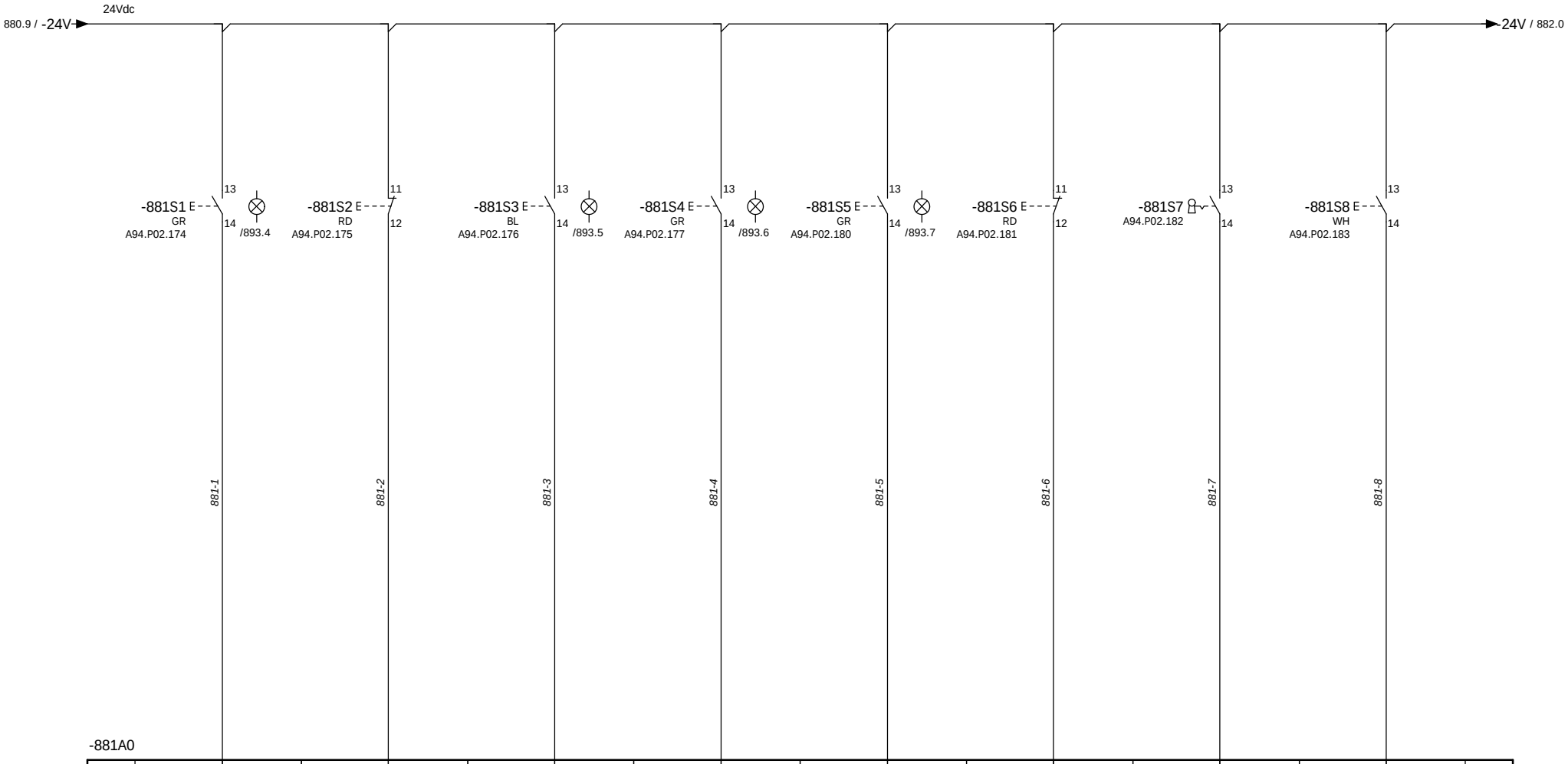
Dwg.Nr. A94

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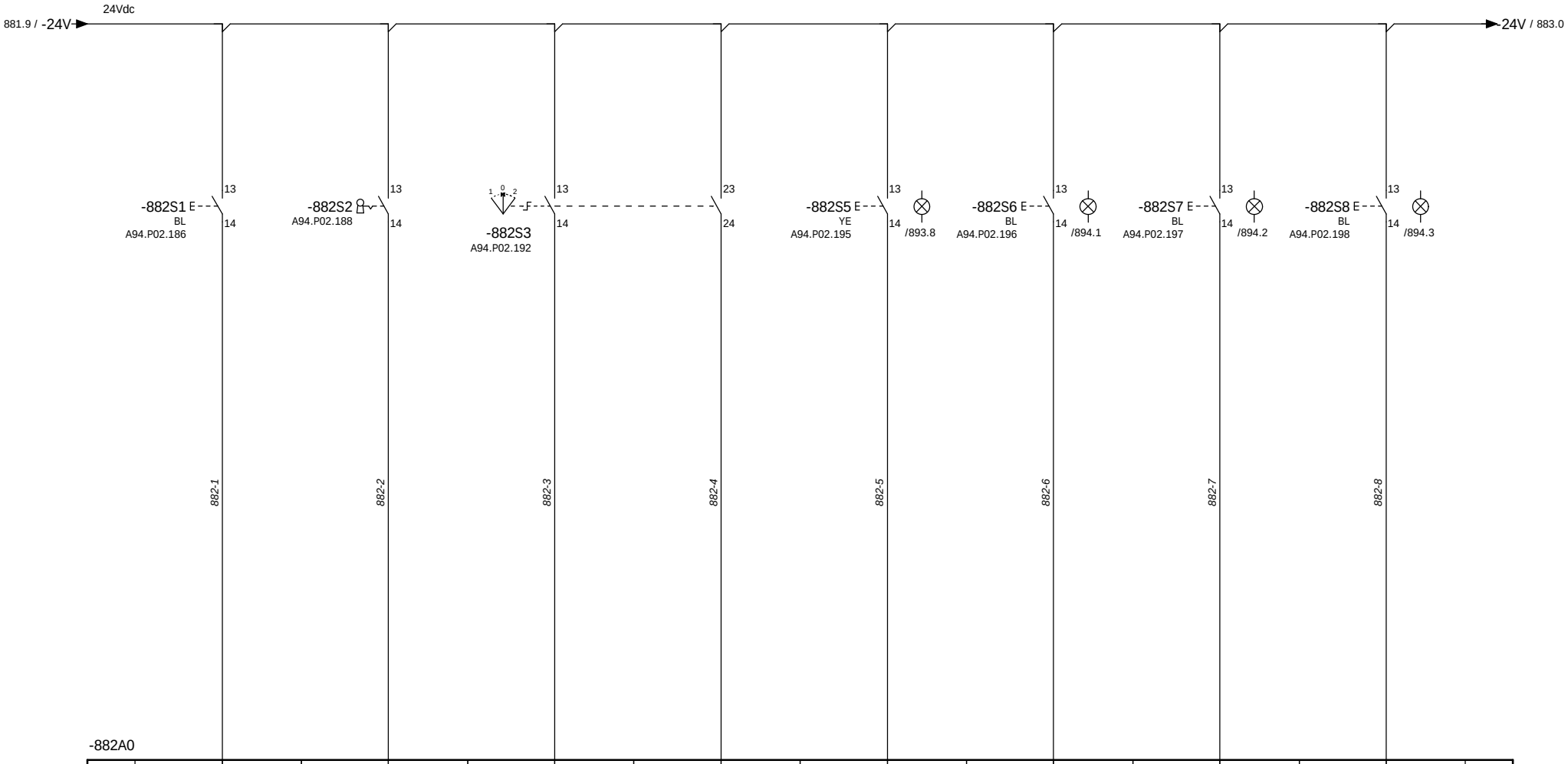


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/852.3

1	5	2	6	3	7	4	8
FLYING SHEAR AUTOMATIC POSITION	FLYING SHEAR MANUAL	FLYING SHEAR RESET ALARM	FLYING SHEAR AUTOMATIC CUT HEAD	FLYNG SHEAR FLYWHEEL START	FLYNG SHEAR FLYWHEEL STOP	FLYNG SHEAR BLADES SELECTING VERTICAL MOVEMENT	FLYNG SHEAR BLADES VERTICAL MOVEMENT
E176.0	E176.1	E176.2	E176.3	E176.4	E176.5	E176.6	E176.7

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1	5	2	6	3	7	4	8
NUMBER PIECES RESET	ENABLING SEQUENCE CHANGE BLADES	CROPPER SHEAR BLADES GAP INCREASE	CROPPER SHEAR BLADES GAP DECREASE	FLYNG SHEAR RESET GREASE LUBRICATION	FLYNG SHEAR EXTRACTION BLADES POSITION	FLYNG SHEAR EXTRACTION BLADES POSITION	FLYNG SHEAR INTRODUCTION BLADES POSITION
E177.0	E177.1	E177.2	E177.3	E177.4	E177.5	E177.6	E177.7

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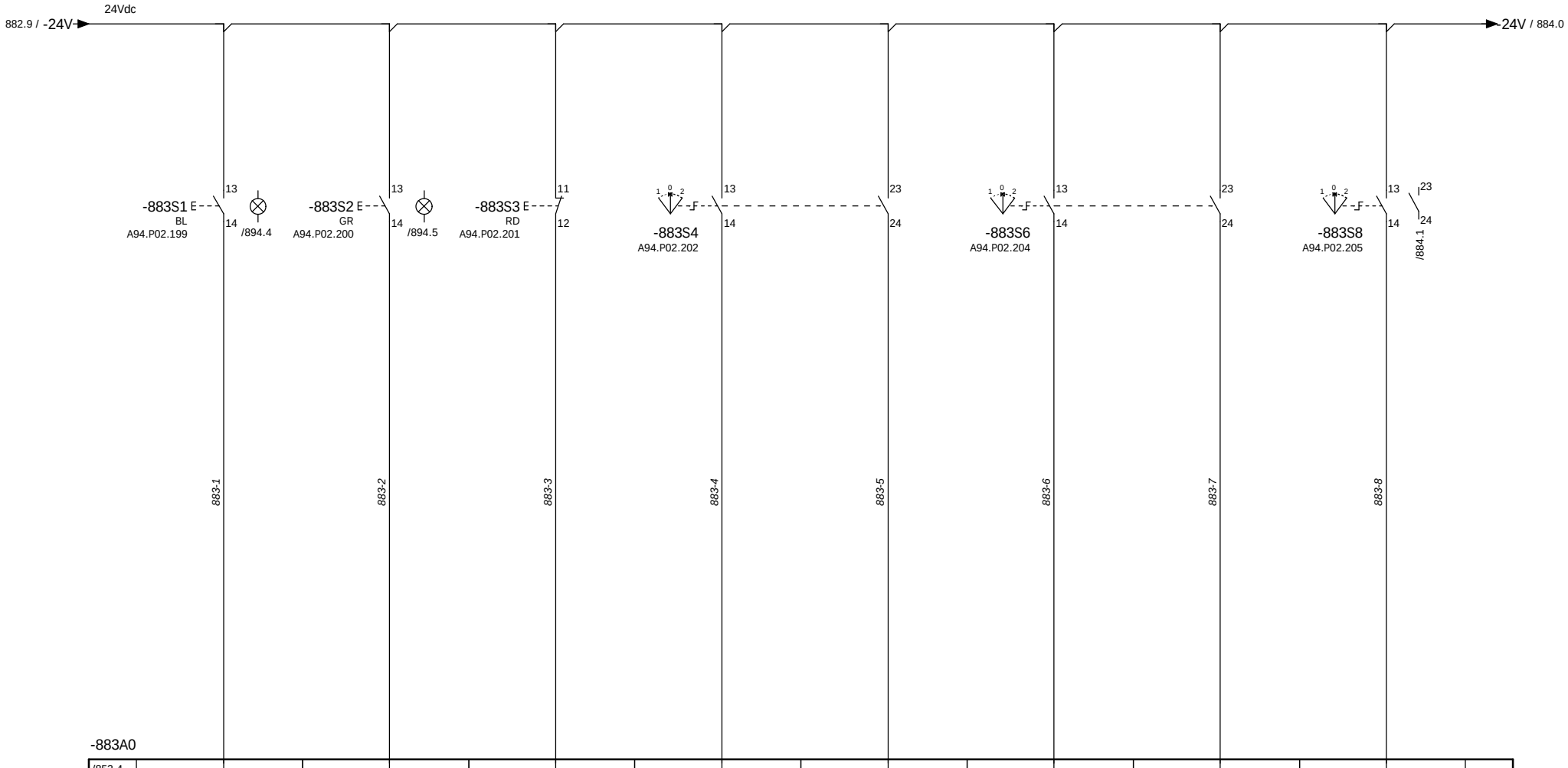
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1	5	2	6	3	7	4	8
FLYNG SHEAR INTRODUCTION BLADES POSITION	BELT CONVEYOR 1/2 + PINCH ROLL ROTATION START	BELT CONVEYOR 1/2 + PINCH ROLL ROTATION STOP	BELT CONVEYOR 1 FORWARD	BELT CONVEYOR 1 BACKWARD	BELT CONVEYOR 1 RAISE	BELT CONVEYOR 1 LOWER	BELT CONVEYOR 2 FORWARD
E178.0	E178.1	E178.2	E178.3	E178.4	E178.5	E178.6	E178.7

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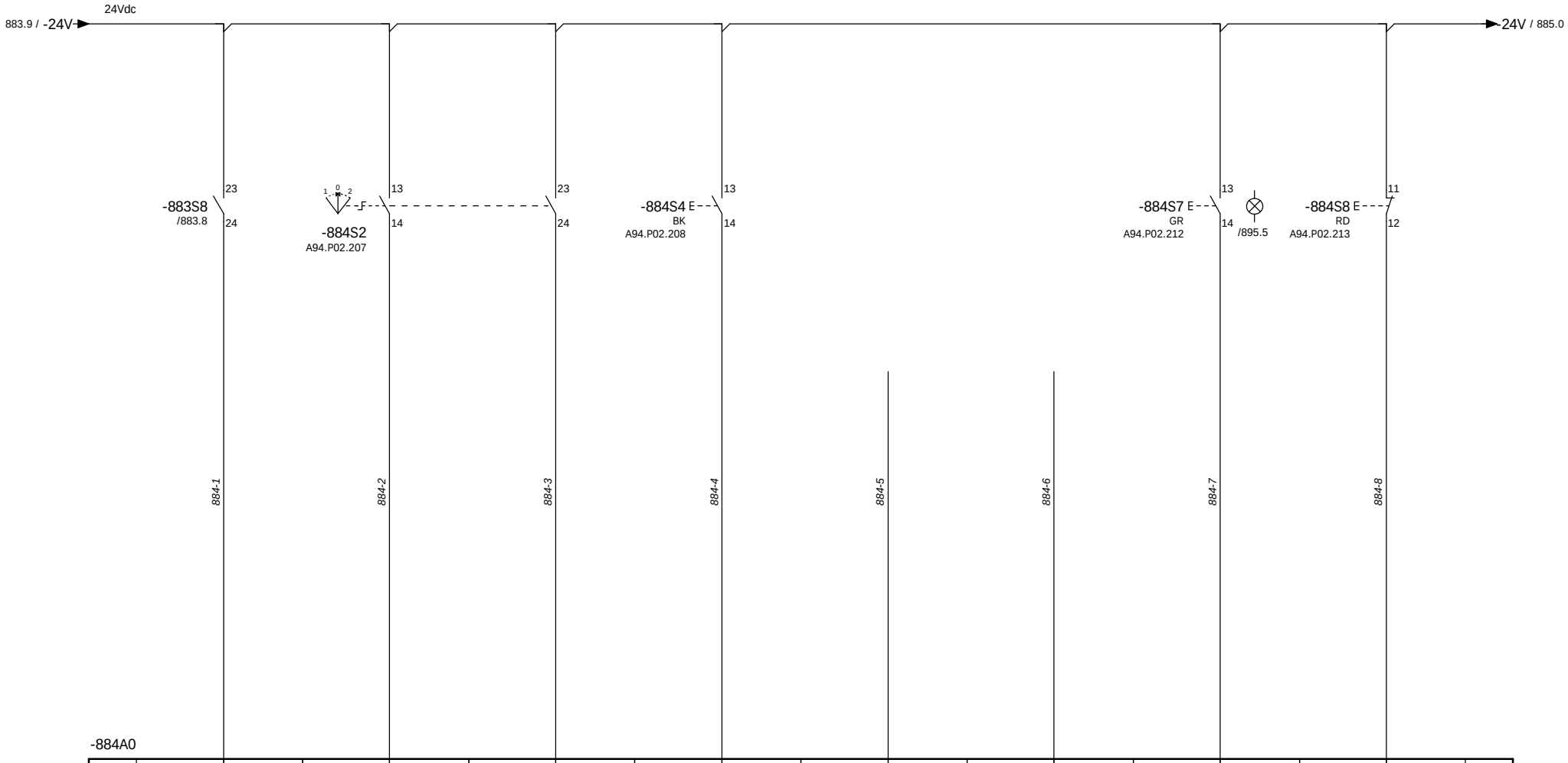
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1	5	2	6	3	7	4	8
BELT CONVEYOR 2 BACKWARD	PINCH ROLL schizzo FORWARD	PINCH ROLL schizzo BACKWARD	PINCH ROLL schizzo VERTICAL MOVEMENT	SPARE	SPARE	STACKER 1 FLYWHEEL START	STACKER 1 FLYWHEEL STOP
E179.0	E179.1	E179.2	E179.3	E179.4	E179.5	E179.6	E179.7

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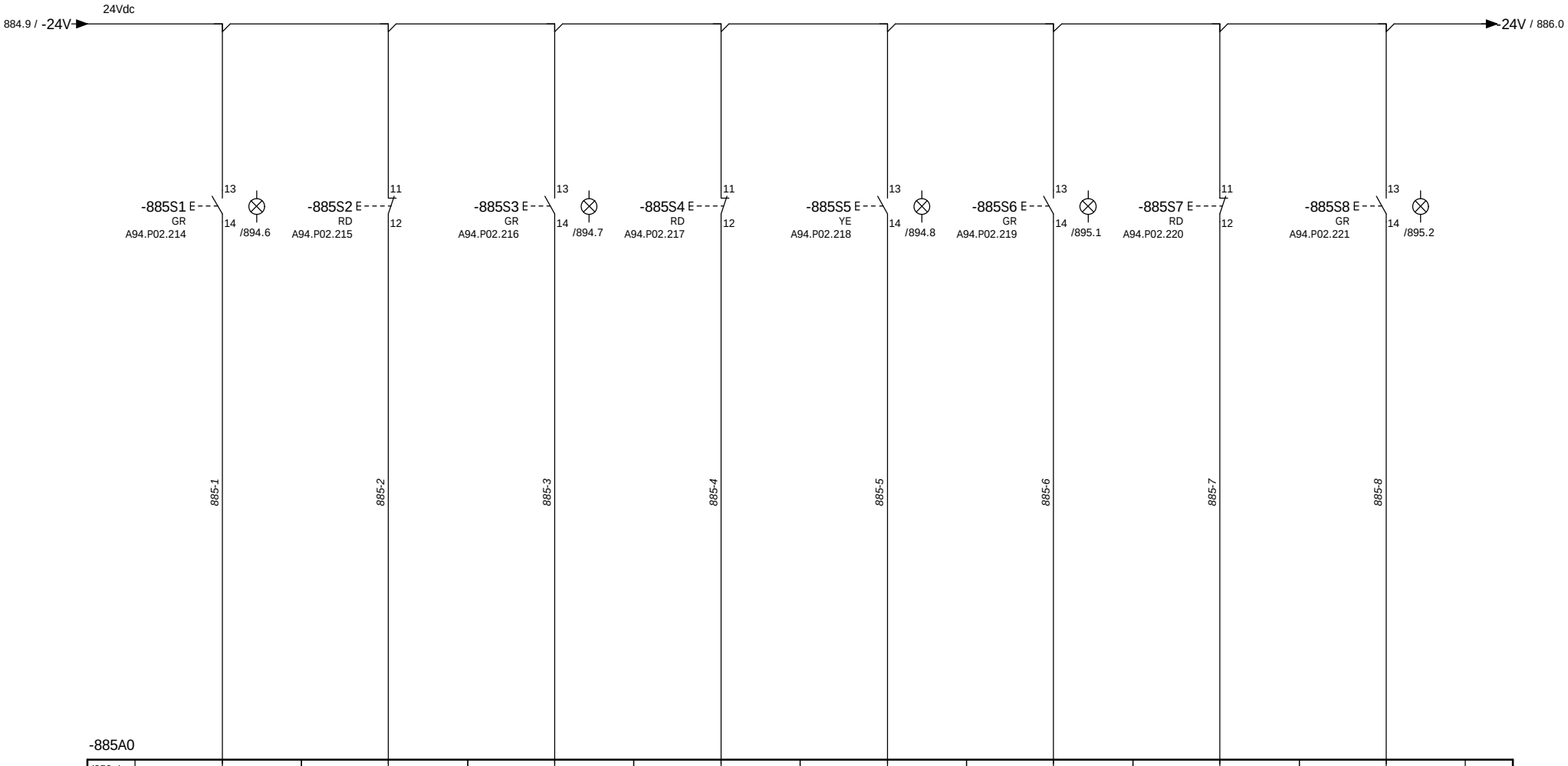
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1	5	2	6	3	7	4	8
ROTATION SHEETS TRANSPORT STACKER 1/2 - O.S./M.S. START	ROTATION SHEETS TRANSPORT STACKER 1/2 - O.S./M.S. STOP	STACKER 1 AUTOMATIC START	STACKER 1 AUTOMATIC STOP	STACKER 1/2 RESET GREASE LUBRICATION	STACKER 2 FLYWHEEL START	STACKER 2 FLYWHEEL STOP	ROTATION SHEETS TRANSPORT STACKER 2 - O.S./M.S. START
E180.0	E180.1	E180.2	E180.3	E180.4	E180.5	E180.6	E180.7

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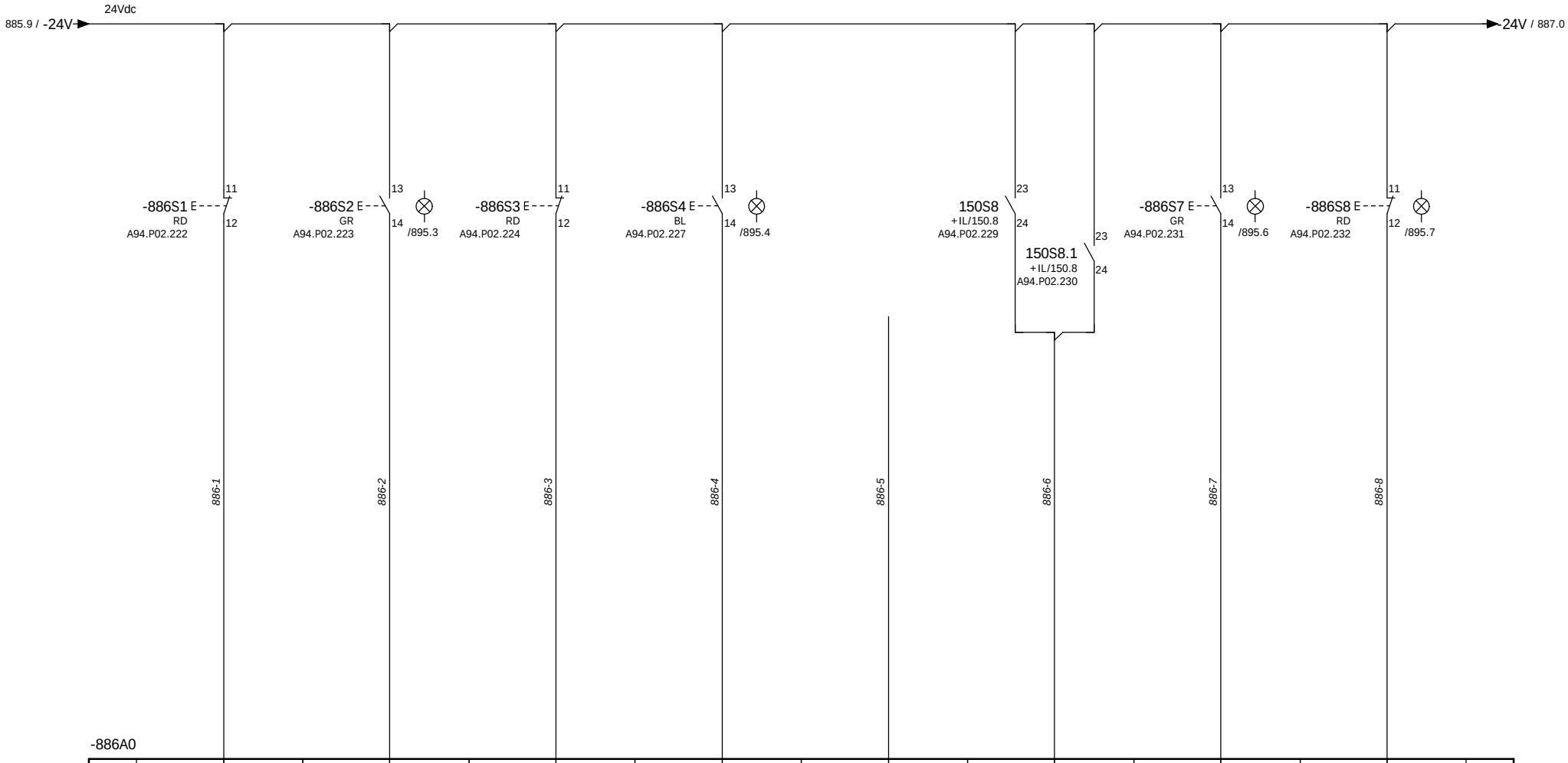
Job Nr.

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-886A0

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1	5	2	6	3	7	4	8
ROTATION SHEETS TRANSPORT STACKER 2 - O.S./M.S. STOP	STACKER 2 AUTOMATIC START	STACKER 2 AUTOMATIC STOP	RESET SAFETY AREA 2	SPARE	EMERGENCY PUSH BUTTON	START LINE	STOP LINE
E181.0	E181.1	E181.2	E181.3	E181.4	E181.5	E181.6	E181.7

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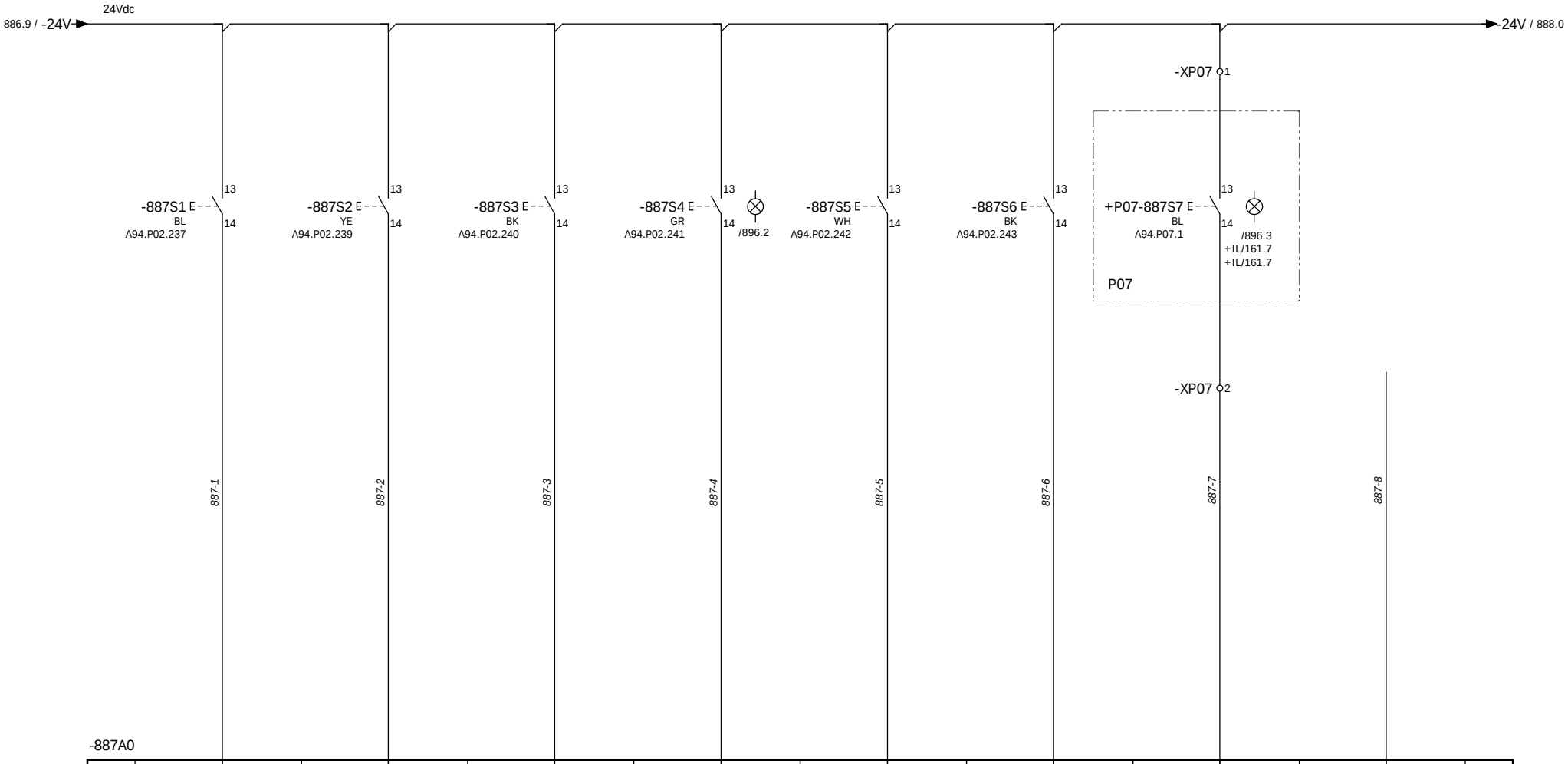
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887.9 / -24V — 24Vdc — -24V /

-888A0

/852.5

1	5	2	6	3	7	4	8
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
E183.0	E183.1	E183.2	E183.3	E183.4	E183.5	E183.6	E183.7

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-890A0
/852.6

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A150.0	A150.1	A150.2	A150.3	A150.4	A150.5	A150.6	A150.7
PLANT PRESSURE ON	HYDRAULIC EQUIPMENT STOP	COIL MINIMUM DIAMETER	PHOTOCELL ADJUSTMENT	UNCOILER TENSION ON	UNCOILER EXPANSION	POSITIONING	STRAIGHTENING ENTRY PINCH ROLL UP
1	5	2	6	3	7	4	8
890-1	890-2	890-3	890-4	890-5	890-6	890-7	890-8
-855S1 x1 /855.1 GR x2	-855S2 x1 /855.2 RD x2	-890H3 x1 YE A94.P02.5 x2	-855S5 x1 /855.5 GR x2	-856S1 x1 /856.1 GR x2	-856S6 x1 GR x2	-857S3 x1 /857.3 BL x2	-857S7 x1 /857.7 GR x2

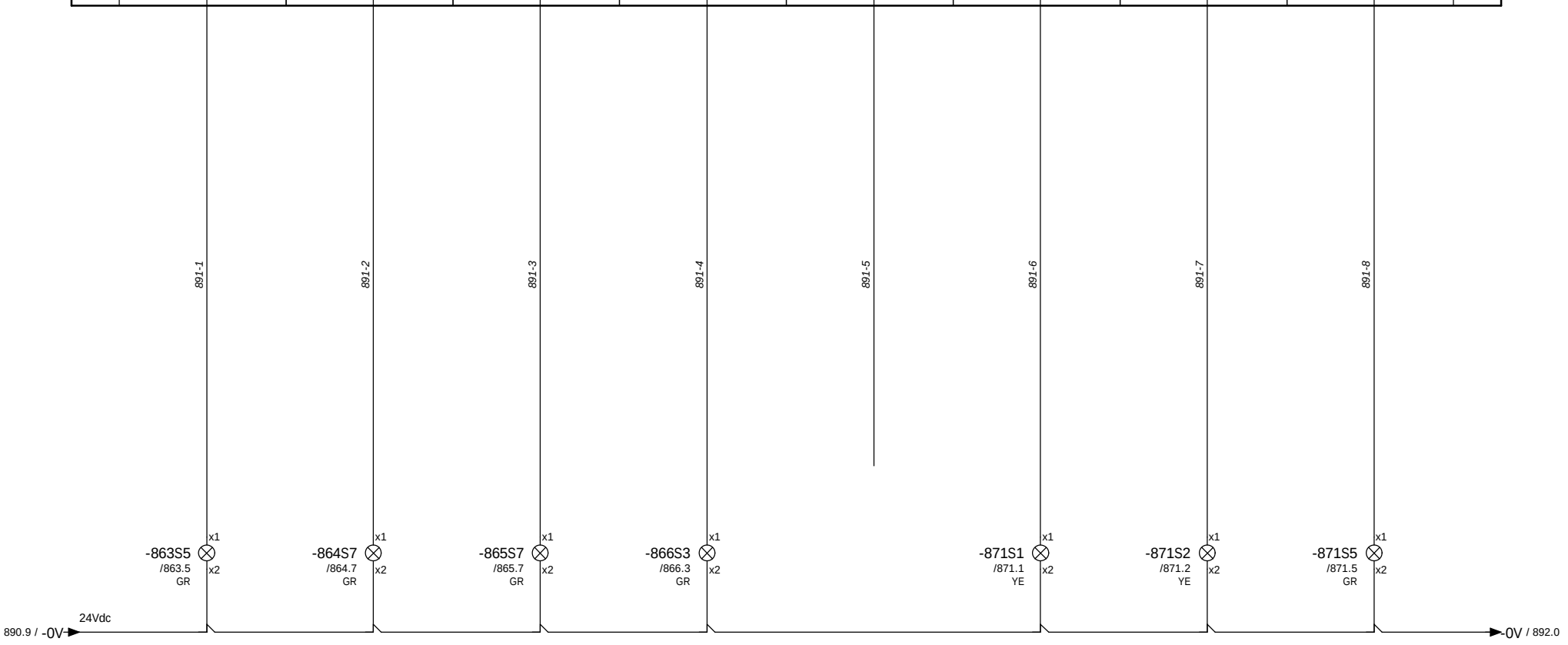
24Vdc
853.8 / -0V → -0V / 891.0

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A151.0	A151.1	A151.2	A151.3	A151.4	A151.5	A151.6	A151.7
TRIMMING SHEAR O.S. & M.S. HEAD LOCK	SCRAP CUT O.S. PINCH ROLL UP	SCRAP CUT M.S. PINCH ROLL UP	SCRAP CONVEYOR ROTATION START	SPARE	LEVELLER 1 IN USE	LEVELLER 1 RESET GREASE LUBRICATION	LEVELLER 1 CLEANING ROLL START
1	5	2	6	3	7	4	8



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-892A0
/852.7

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A152.0	A152.1	A152.2	A152.3	A152.4	A152.5	A152.6	A152.7
LEVELLER 2 IN USE	LEVELLER 2 RESET GREASE LUBRICATION	LEVELLER 2 CLEANING ROLL START	MEASURING WHEEL START	UPPER ROLL PLASTICIZING OPEN	HEATING LIGHT 1 START	HEATING LIGHT 2 START	HEATING LIGHT 3 START
1	5	2	6	3	7	4	8
892-1	892-2	892-3	892-4	892-5	892-6	892-7	892-8
-875S5 /875.5 YE	-875S6 /875.6 YE	-876S1 /876.1 GR	-876S3 /876.3 GR	-877S3 /877.3 GR	-877S7 /877.7 GR	-877S8 /877.8 GR	-878S2 /878.2 GR
x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2

24Vdc
891.9 / -0V
-0V / 893.0

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A153.0	A153.1	A153.2	A153.3	A153.4	A153.5	A153.6	A153.7
IONOGENIC BAR 1/2 START	FLYING SHEAR HEATING LIGHT START	TILTING SHEAR BLADES CLEARANCE POSITIONING	FLYING SHEAR AUTOMATIC POSITION ON	FLYING SHEAR ALARM	FLYING SHEAR AUTOMATIC CUT HEAD ON	FLYNG SHEAR FLYWHEEL ON	FLYNG SHEAR GREASE LUBRICATION ON
1	5	2	6	3	7	4	8
893-1	893-2	893-3	893-4	893-5	893-6	893-7	893-8
-878S3 x1 /878.3 GR x2	-878S4 x1 /878.4 GR x2	-879S5 x1 /879.5 BL x2	-881S1 x1 /881.1 GR x2	-881S3 x1 /881.3 BL x2	-881S4 x1 /881.4 GR x2	-881S5 x1 /881.5 GR x2	-882S5 x1 /882.5 YE x2

892.9 / -0V- 24Vdc -0V / 894.0

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A154.0	A154.1	A154.2	A154.3	A154.4	A154.5	A154.6	A154.7
FLYNG SHEAR EXTRACTION BLADES POSITION ON	FLYNG SHEAR EXTRACTION BLADES POSITION ON	FLYNG SHEAR INTRODUCTION BLADES POSITION ON	FLYNG SHEAR INTRODUCTION BLADES POSITION ON	BELT CONVEYOR 1/2 + PINCH ROLL ROTATION ON	ROTATION SHEETS TRANSPORT STACKER 1/2 - O.S./M.S. ON	STACKER 1 AUTOMATIC ON	STACKER 1/2 GREASE LUBRICATION ON
1	5	2	6	3	7	4	8
894-1	894-2	894-3	894-4	894-5	894-6	894-7	894-8
-882S6 /882.6 BL	-882S7 /882.7 BL	-882S8 /882.8 BL	-883S1 /883.1 BL	-883S2 /883.2 GR	-885S1 /885.1 GR	-885S3 /885.3 GR	-885S5 /885.5 YE
x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2

24Vdc
893.9 / -0V
-0V / 895.0

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A155.0	A155.1	A155.2	A155.3	A155.4	A155.5	A155.6	A155.7
STACKER 2 FLYWHEEL ON	ROTATION SHEETS TRANSPORT STACKER 2 - O.S./M.S. ON	STACKER 2 AUTOMATIC ON	SAFETY AREA 2 ON	STACKER 1 FLYWHEEL ON	START LINE	STOP LINE	TENSION ON 24Vdc SOLENOIDE VALVE
1	5	2	6	3	7	4	8
895-1	895-2	895-3	895-4	895-5	895-6	895-7	895-8
-885S6 /885.6 GR	-885S8 /885.8 GR	-886S2 /886.2 GR	-886S4 /886.4 BL	-884S7 /884.7 GR	-886S7 /886.7 GR	-886S8 /886.8 RD	-895H8 WH A94.P02.234
x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2	x1 x2

24Vdc

894.9 / -0V

-0V / 896.0

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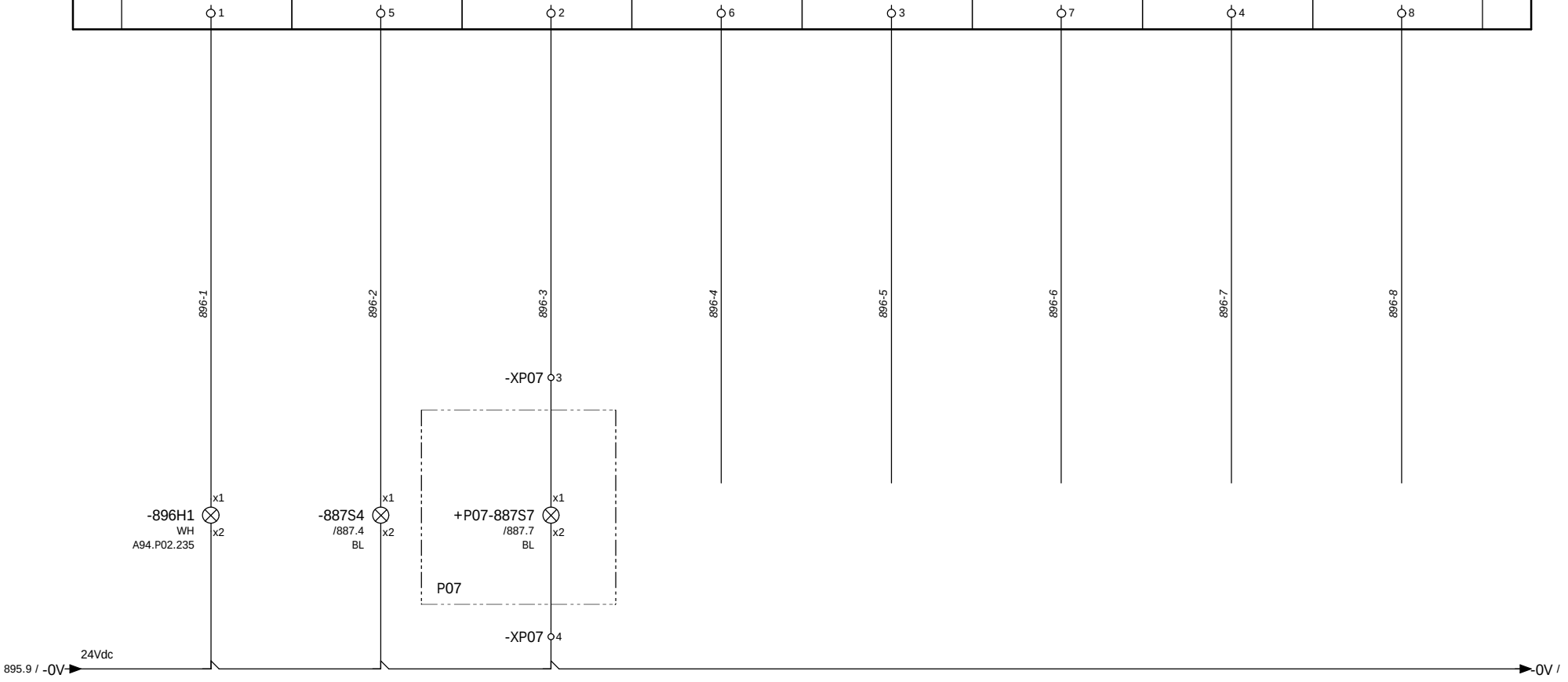
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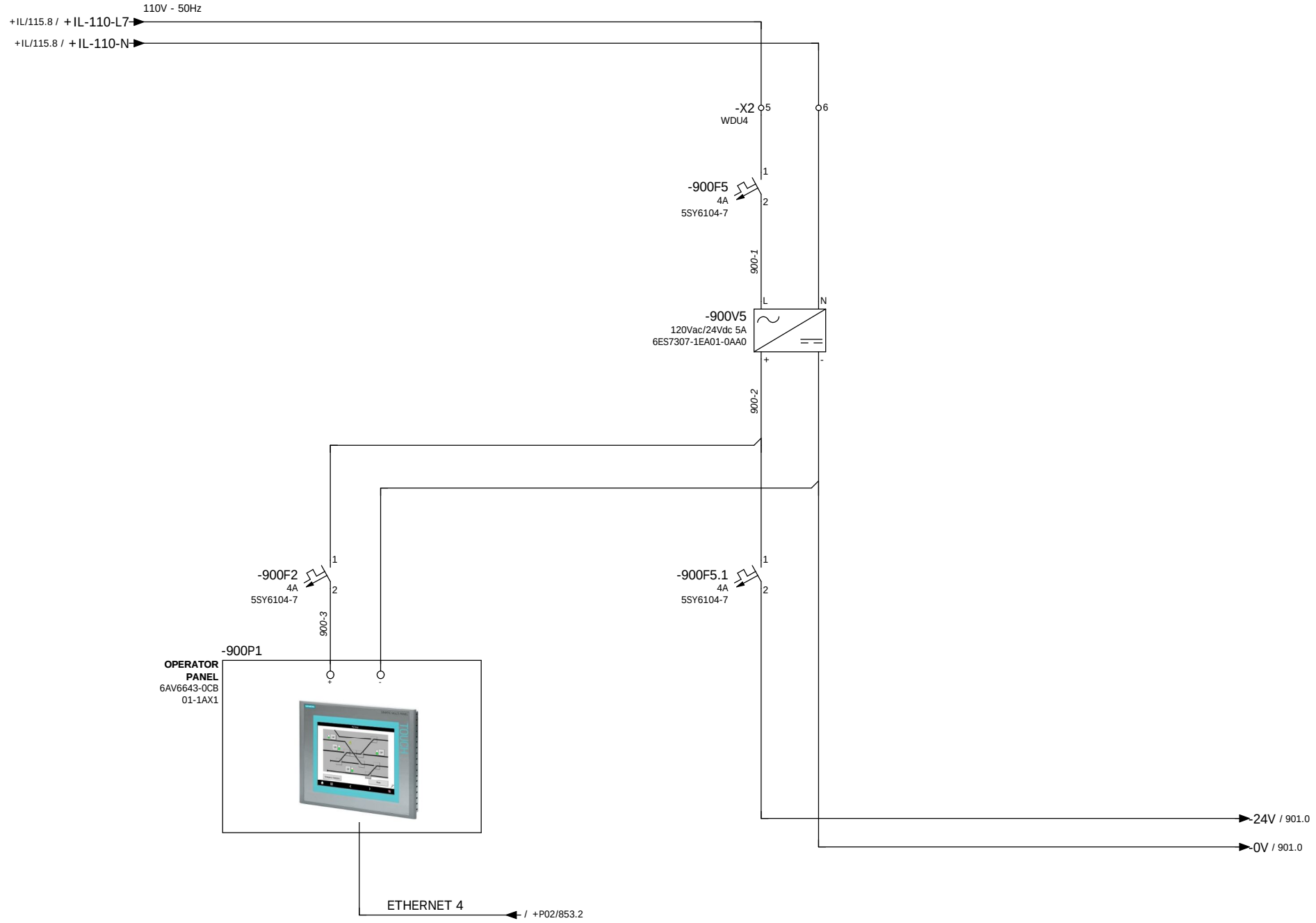
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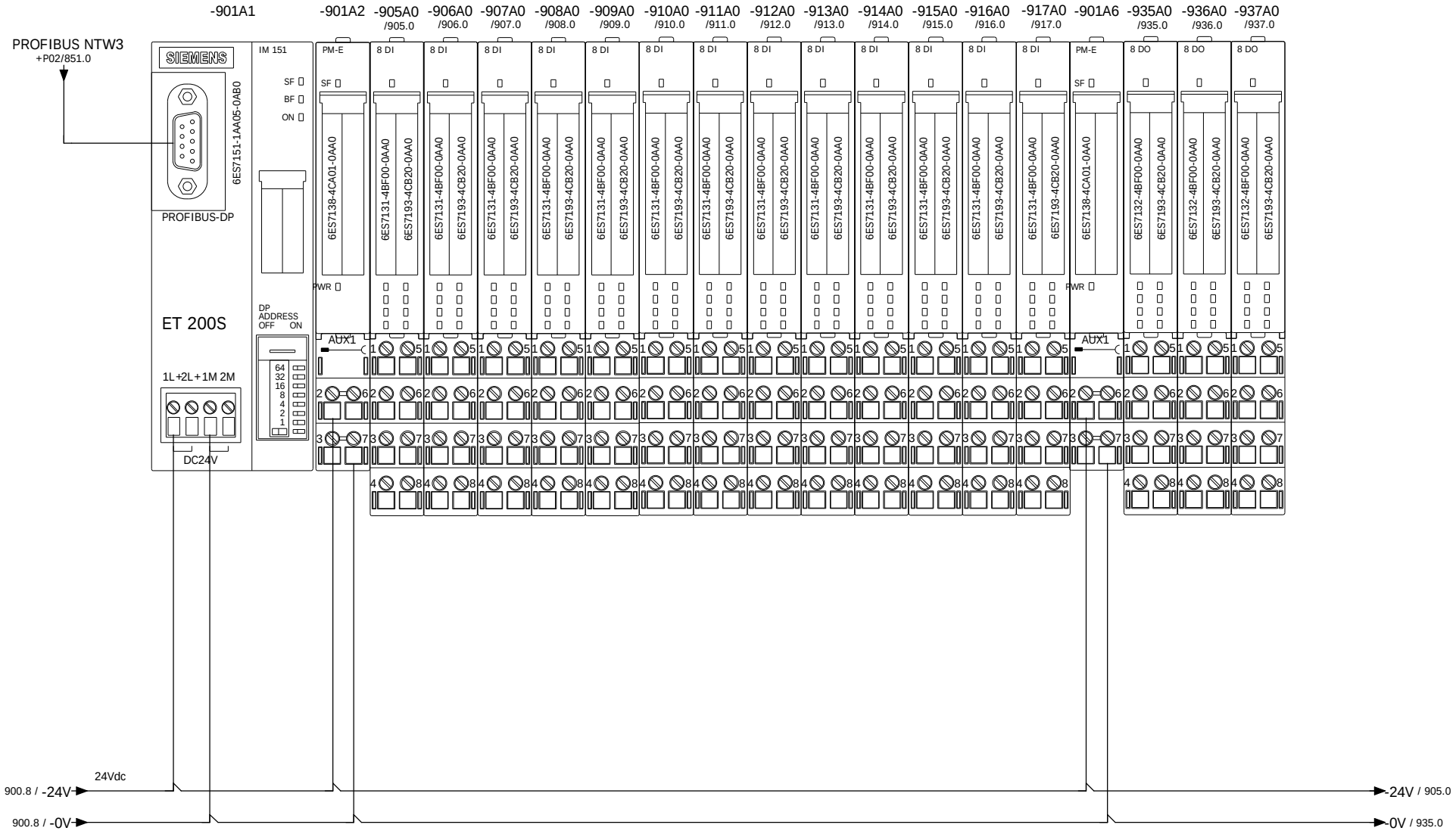
A156.0	A156.1	A156.2	A156.3	A156.4	A156.5	A156.6	A156.7
TENSION ON 110Vac AUXILIARY	ENABLE PUSH BUTTON	FLYING SHEAR ENABLE COMMAND WITH OPEN GATE	SPARE	SPARE	SPARE	SPARE	SPARE
1	5	2	6	3	7	4	8



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				Check	ALE				Job Nr.	Dwg.Nr. A94	Page **900**
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00	AS BUILT	06.05.2012	TPM	Date	27.03.2012
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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

PLC CONFIGURATION
EXIT DESK

Descript.

NOVASTILMEC A94

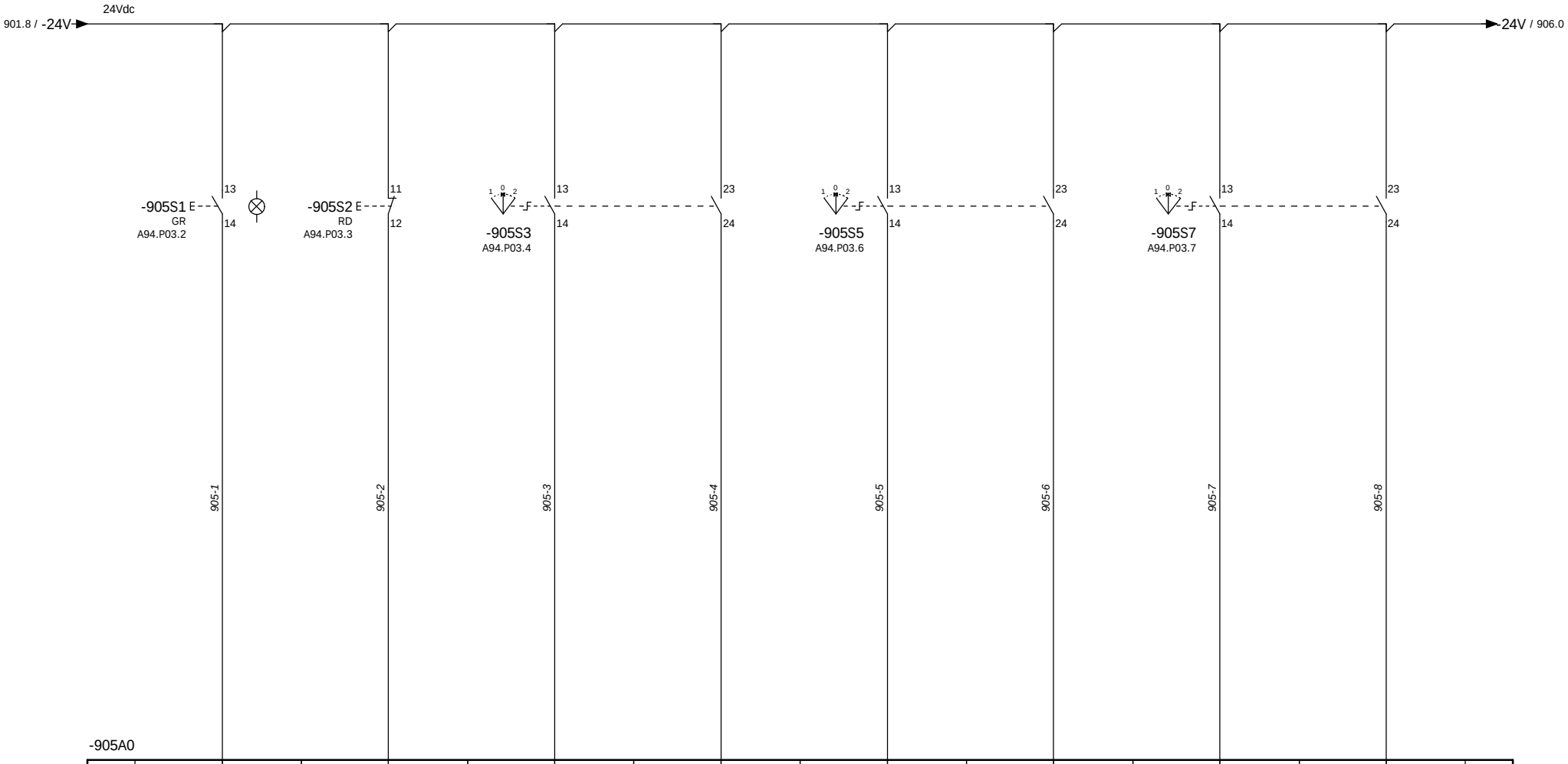
Job Nr.

Dwg.Nr. A94

= A94
+ **P03**

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Follow 905



-905A0

/901.2	1	5	2	6	3	7	4	8
	BELT CONVEYOR 1/2 + PINCH ROLL ROTATION START	BELT CONVEYOR 1/2 + PINCH ROLL ROTATION STOP	BELT CONVEYOR 1 ROTATION FORWARD	BELT CONVEYOR 1 ROTATION BACKWARD	SCRAP BELT CONVEYOR UP	SCRAP BELT CONVEYOR DOWN	BELT CONVEYORS SCRAPS CARRIAGE MOTOR SIDE	BELT CONVEYORS SCRAPS CARRIAGE OPERATOR SIDE
	E190.0	E190.1	E190.2	E190.3	E190.4	E190.5	E190.6	E190.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

Job Nr.

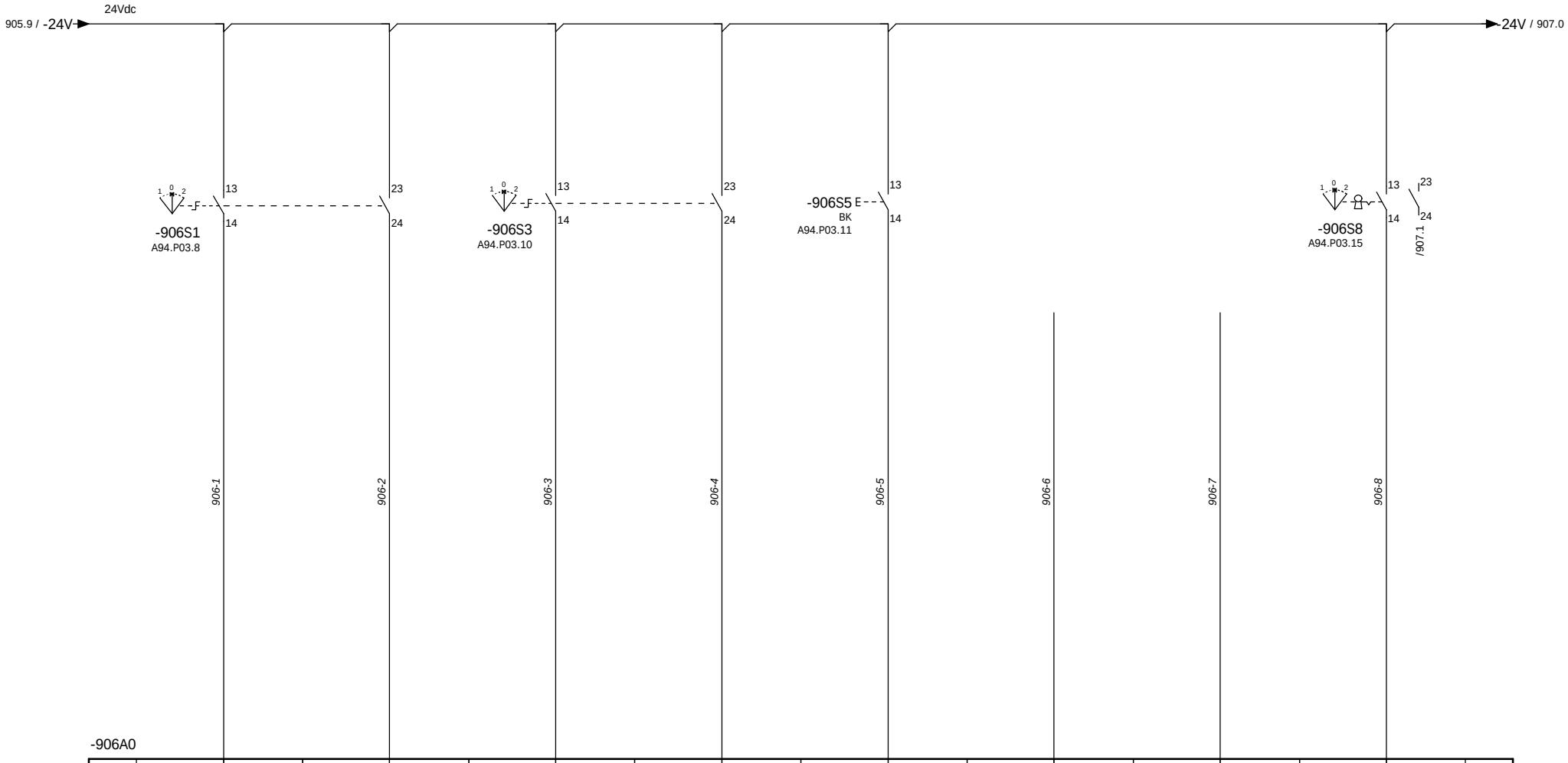
Dwg.Nr. A94

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+ **P03**

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-906A0

/901.3	1	5	2	6	3	7	4	8
	BELT CONVEYOR 1 ROTATION FORWARD	BELT CONVEYOR 1 ROTATION BACKWARD	PINCH ROLL UPPER/LOWER ROTATION FORWARD	PINCH ROLL UPPER/LOWER ROTATION BACKWARD	PINCH ROLL UP/DOWN	SPARE	SPARE	ENABLE MOVEMENT STACKER BEAMS EXIT
	E191.0	E191.1	E191.2	E191.3	E191.4	E191.5	E191.6	E191.7

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NOVASTILMEC A94

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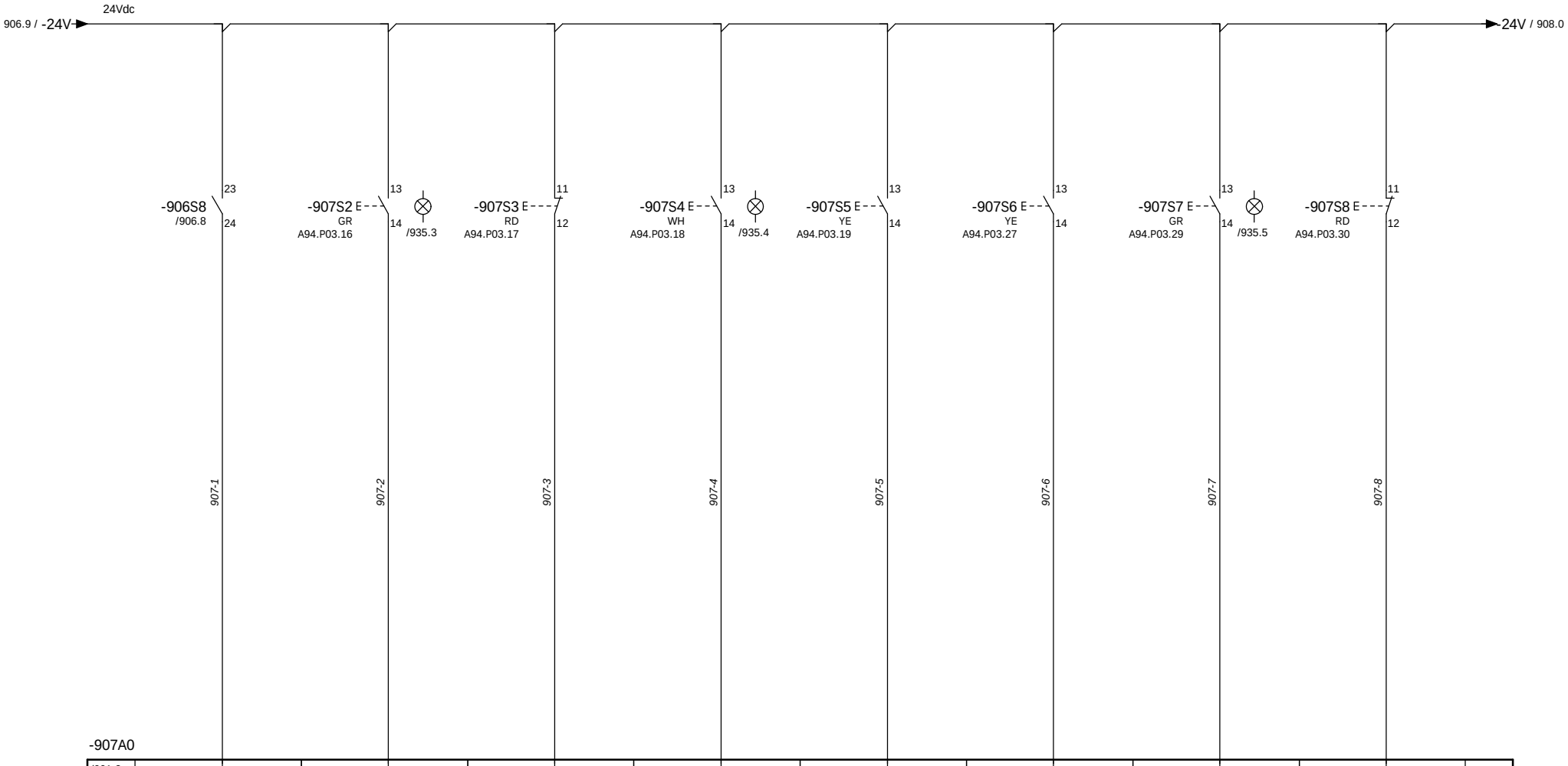
+ **P03**

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/901.3

1	5	2	6	3	7	4	8
ENABLE MOVEMENT STACKER BEAMS ENTRY	rotazione volano impilatore 1	rotazione volano impilatore 1 STOP	supporto fogli impilatore 1	supporto fogli impilatore 1	STACKER 1 FRONT JOGGERS O.S. ROTATION	rotazione di tutti i nastro trasporto foglio lato operatore e motorizzazione da impilatore 1 a impilatore 2	rotazione di tutti i nastro trasporto foglio lato operatore e motorizzazione da impilatore 1 a impilatore 2 STOP
E192.0	E192.1	E192.2	E192.3	E192.4	E192.5	E192.6	E192.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

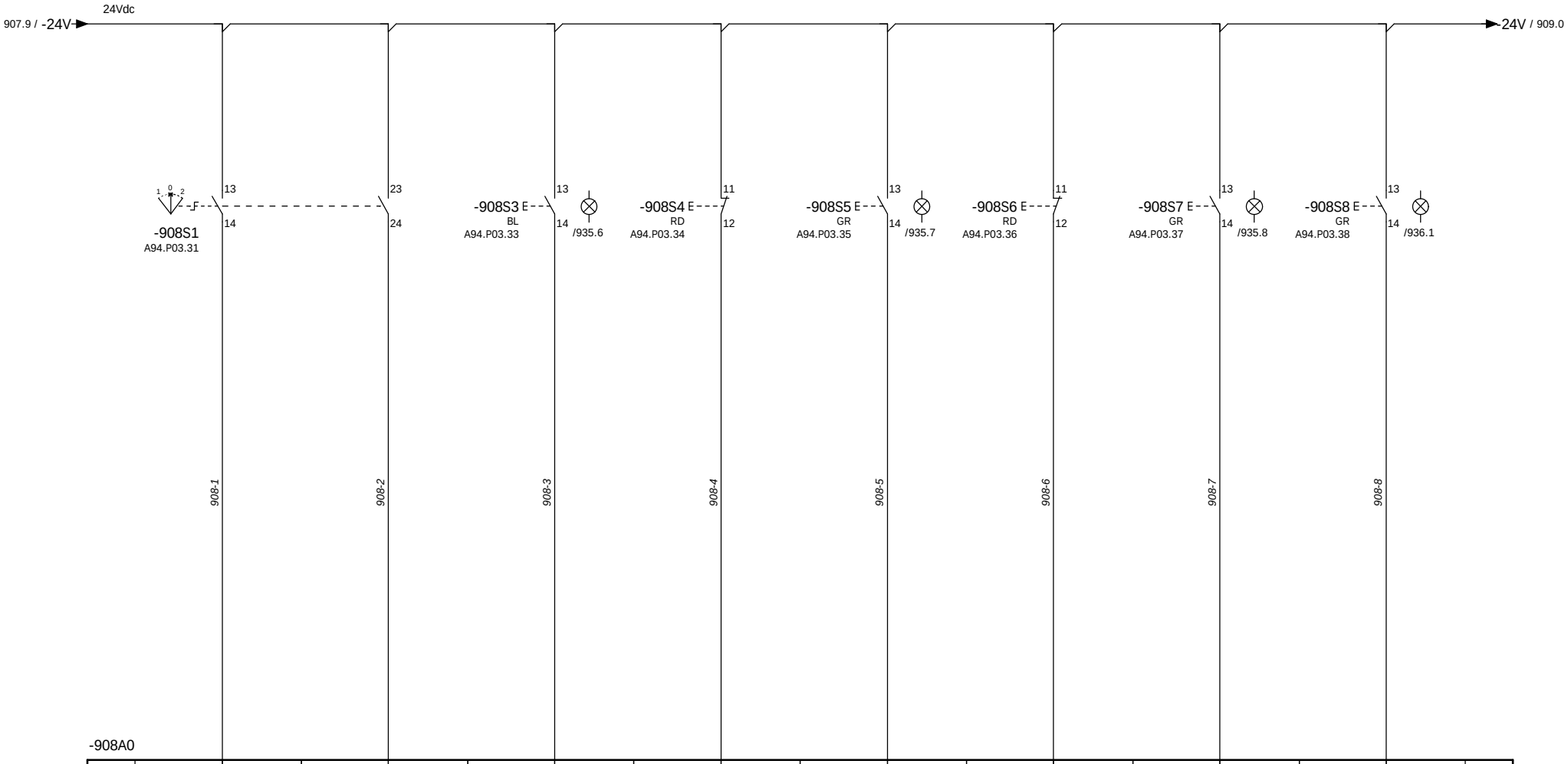
Job Nr.

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+ **P03**

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/901.3	1	5	2	6	3	7	4	8
	rotazione di tutti i nastro trasporto foglio lato operatore e motorizzazione da impilatore 1 a impilatore 2	rotazione di tutti i nastro trasporto foglio lato operatore e motorizzazione da impilatore 1 a impilatore 2	STACKER 1 AND 2 POSITIONING	STACKER 1 AND 2 POSITIONING STOP	STACKER 1 AUTOMATIC	STACKER 1 AUTOMATIC STOP	STACKER 1 AUTOMATIC	STACKER 2 FLYWHEEL ROTATION
	E193.0	E193.1	E193.2	E193.3	E193.4	E193.5	E193.6	E193.7

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GA-Tech

DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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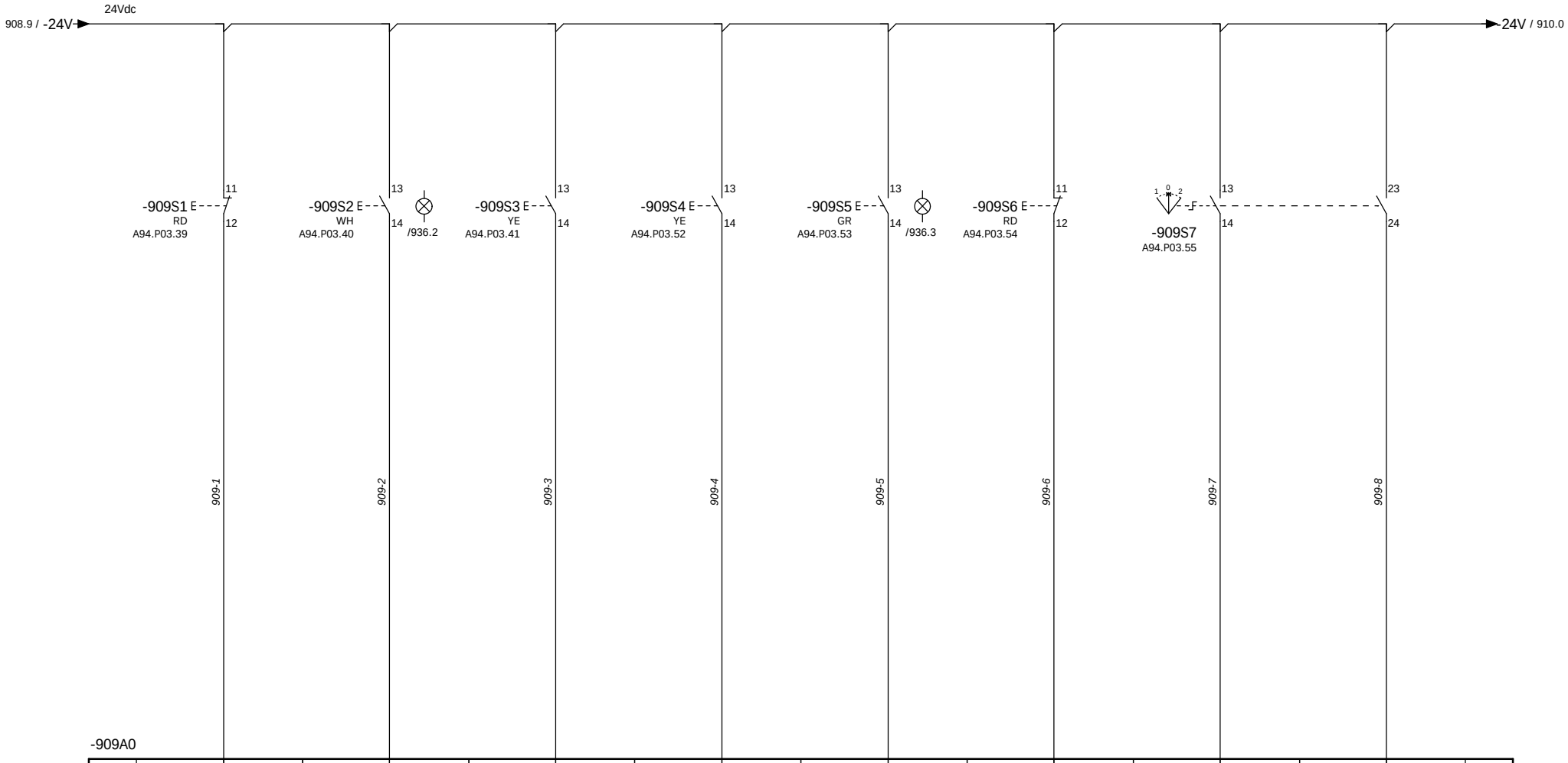
+ **P03**

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/901.4	1	5	2	6	3	7	4	8
	STACKER 2 FLYWHEEL ROTATION STOP	modalità di funzionamento supporti fogli impilatore 2	modalità di funzionamento supporti fogli impilatore 2	STACKER 2 FRONT JOGGERS O.S. ROTATION	SHEETS TRANSPORT OPERATOR SIDE/ MOTOR SIDE ROTATION	SHEETS TRANSPORT OPERATOR SIDE/ MOTOR SIDE ROTATION STOP	SHEETS TRANSPORT OPERATOR SIDE/ MOTOR SIDE ROTATION	SHEETS TRANSPORT OPERATOR SIDE/ MOTOR SIDE ROTATION
	E194.0	E194.1	E194.2	E194.3	E194.4	E194.5	E194.6	E194.7

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NOVASTILMEC A94

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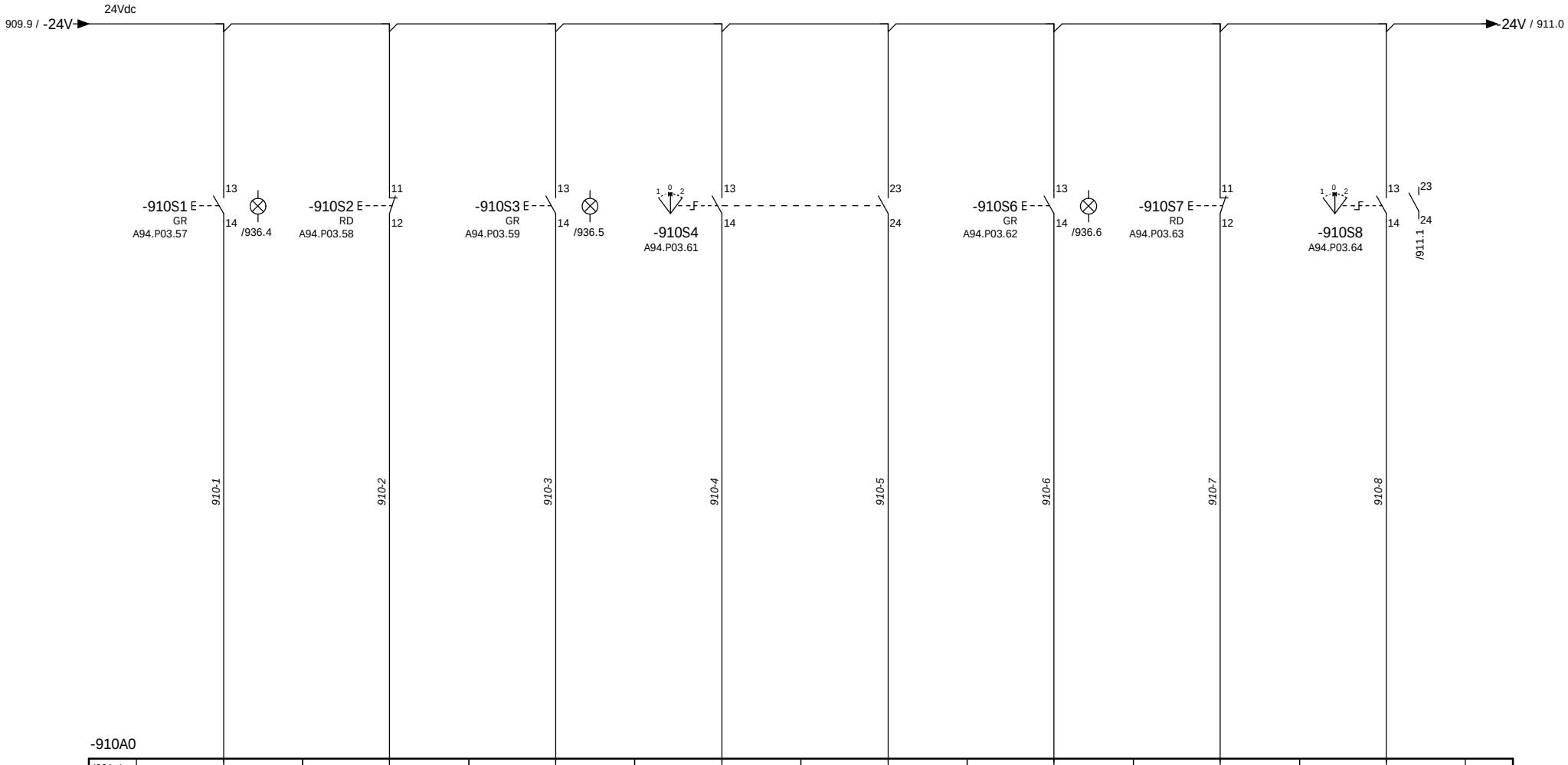
Dwg.Nr. A94

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+ **P03**

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/901.4	1	5	2	6	3	7	4	8
	STACKER 2 AUTOMATIC	STACKER 2 AUTOMATIC STOP	STACKER 2 AUTOMATIC	PLATFORM 1 DOWNLOAD PACK FORWARD	PLATFORM 1 DOWNLOAD PACK BACKWARD	PLATFORM 1 AUTOMATIC UNLOADING	PLATFORM 1 AUTOMATIC UNLOADING STOP	SHAFT DAMPERS LATERAL/CENTRAL ENTRY 1° PLATFORM RAISE
	E195.0	E195.1	E195.2	E195.3	E195.4	E195.5	E195.6	E195.7

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GA-Tech

DIGITAL INPUTS

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NOVASTILMEC A94

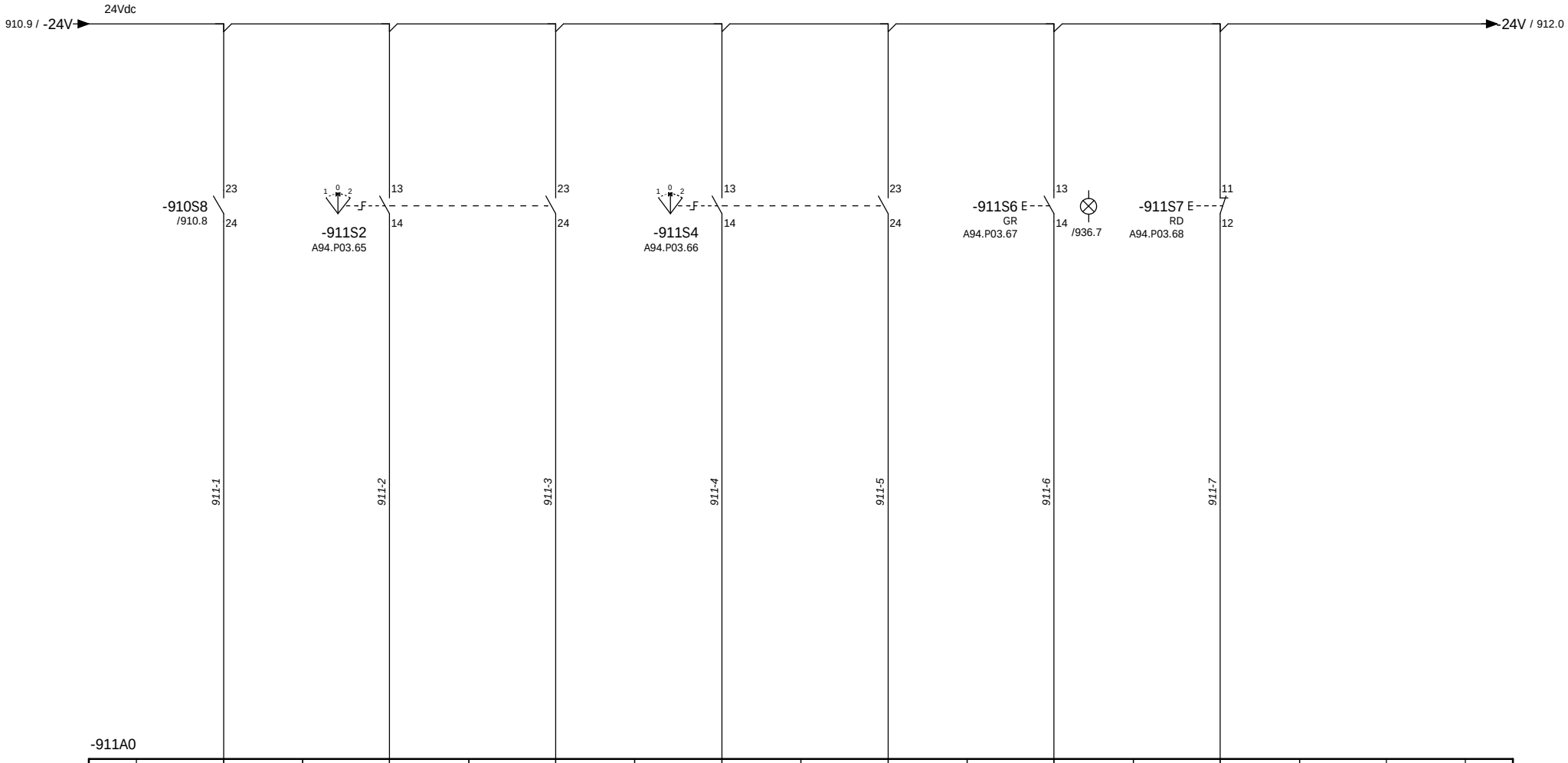
= A94
+ **P03**

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-911A0

/901.4

1	5	2	6	3	7	4	8
SHAFT DAMPERS LATERAL/CENTRAL ENTRY 1° PLATFORM LOWER	movimento orizzontale dei rulli centrali della 1° rulliera forma pacco IN LINE	movimento orizzontale dei rulli centrali della 1° rulliera forma pacco OUT LINE	PLATFORM 2 DOWNLOAD PACK FORWARD	PLATFORM 2 DOWNLOAD PACK BACKWARD	PLATFORM 2 AUTOMATIC UNLOADING	PLATFORM 2 AUTOMATIC UNLOADING STOP	SPARE
E196.0	E196.1	E196.2	E196.3	E196.4	E196.5	E196.6	E196.7

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

DIGITAL INPUTS

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NOVASTILMEC A94

Job Nr.

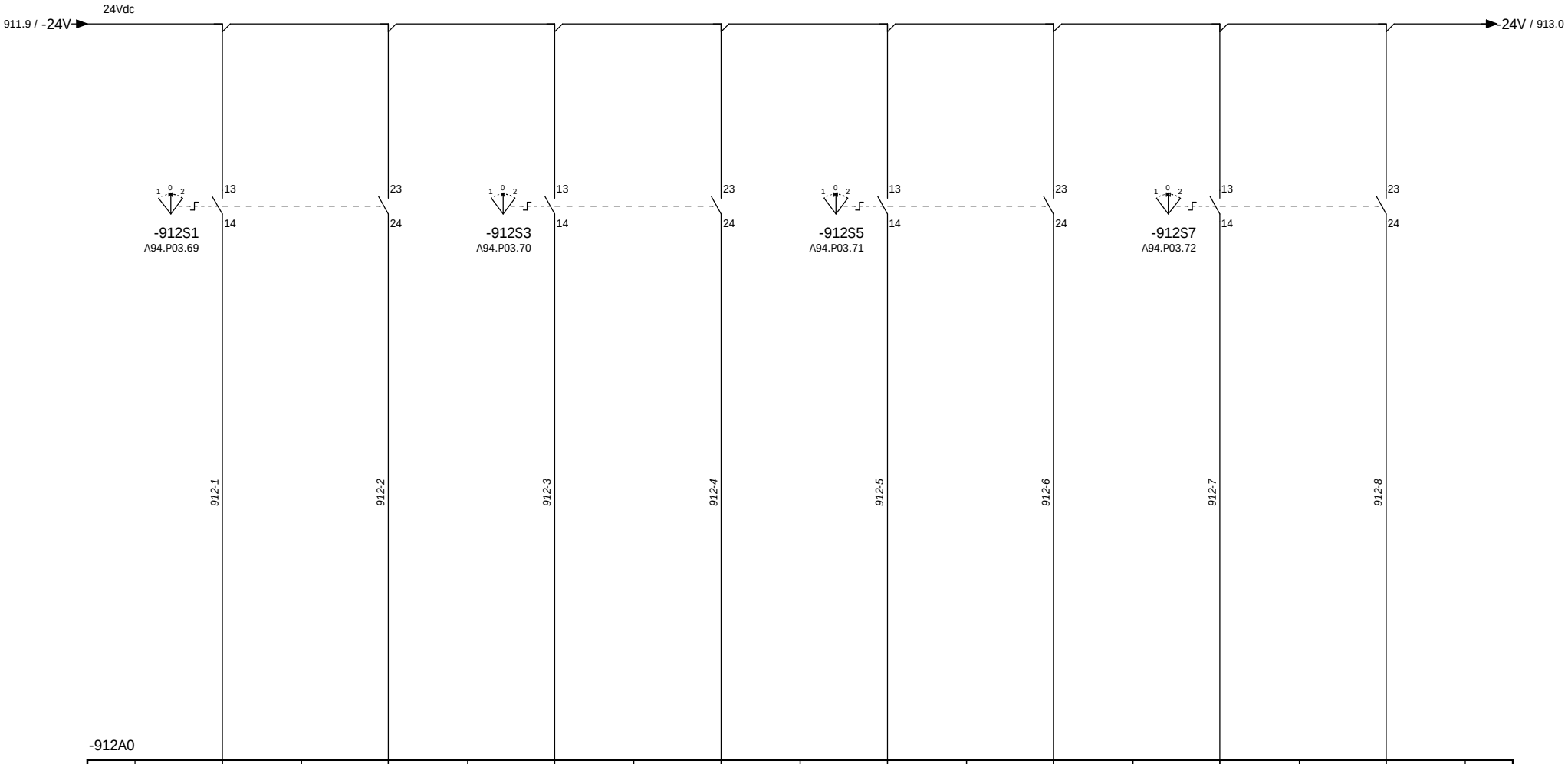
Dwg.Nr. A94

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+ **P03**

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-912A0

/901.5	1	5	2	6	3	7	4	8
	SHAFT DAMPERS LATERAL/CENTRAL ENTRY 2° PLATFORM RAISE	SHAFT DAMPERS LATERAL/CENTRAL ENTRY 2° PLATFORM LOWER	WEIGHT PLATFORM 1 DOWNLOAD PACK FORWARD	WEIGHT PLATFORM 1 DOWNLOAD PACK BACKWARD	WEIGHT PLATFORM 2 DOWNLOAD PACK FORWARD	WEIGHT PLATFORM 2 DOWNLOAD PACK BACKWARD	PLATFORM 1 DOWNLOAD PACK FORWARD	PLATFORM 1 DOWNLOAD PACK BACKWARD
	E197.0	E197.1	E197.2	E197.3	E197.4	E197.5	E197.6	E197.7

CODE: 6ES7131-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

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NOVASTILMEC S.p.A. Coil Processing Equipment

GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

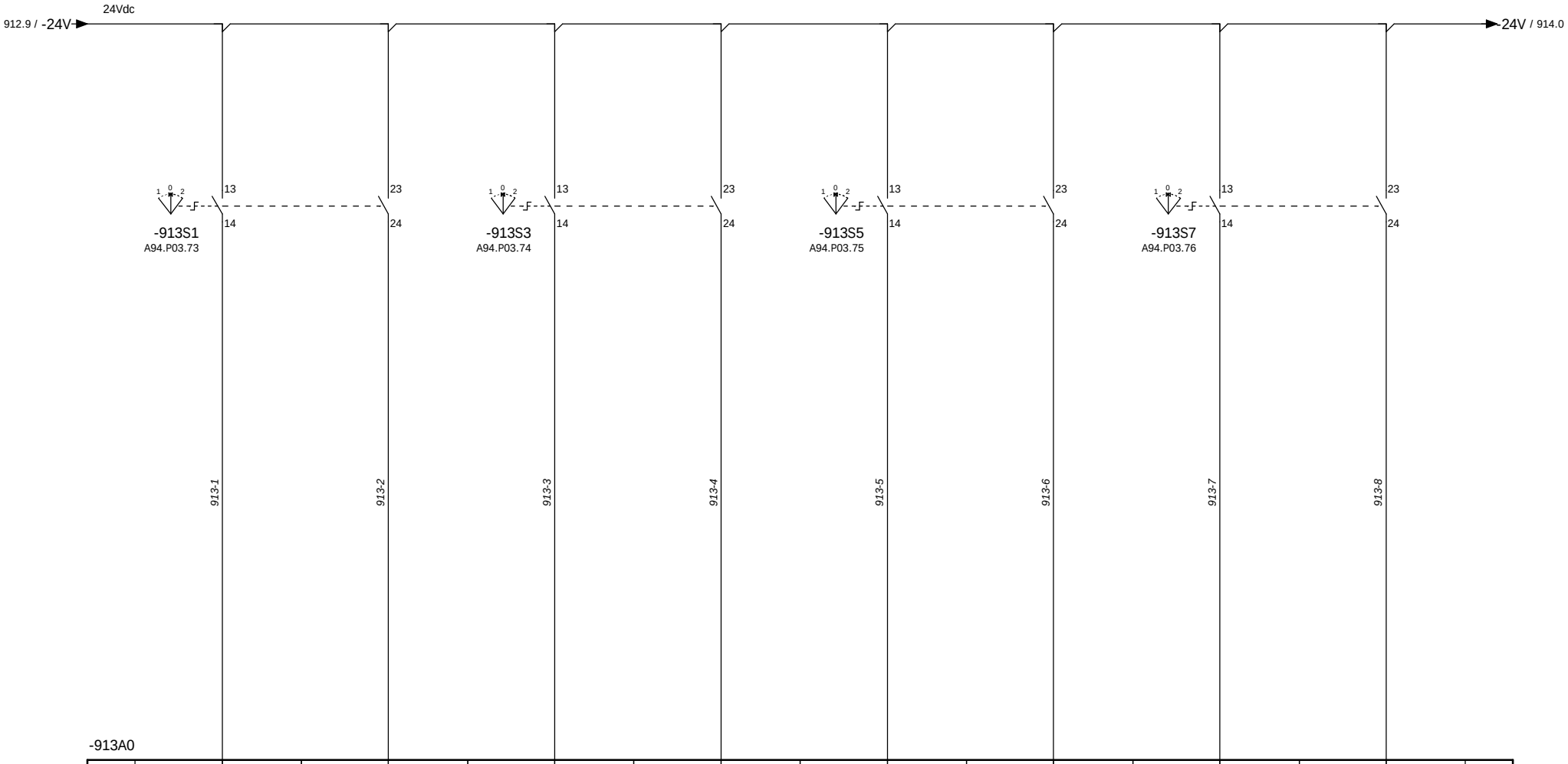
Dwg.Nr. A94

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+ **P03**

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-913A0

/901.5

1	5	2	6	3	7	4	8
CHAINS 1 DOWNLOAD PACK FORWARD	CHAINS 1 DOWNLOAD PACK BACKWARD	CHAINS MOVEMENT 1° PLATFORM COMBINATION ROLLS RAISE	CHAINS MOVEMENT 1° PLATFORM COMBINATION ROLLS LOWER	PLATFORM 2 DOWNLOAD PACK FORWARD	PLATFORM DOWNLOAD PACK BACKWARD	CHAINS 2 DOWNLOAD PACK FORWARD	CHAINS 2 DOWNLOAD PACK BACKWARD
E198.0	E198.1	E198.2	E198.3	E198.4	E198.5	E198.6	E198.7

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DIGITAL INPUTS

Descript.

NOVASTILMEC A94

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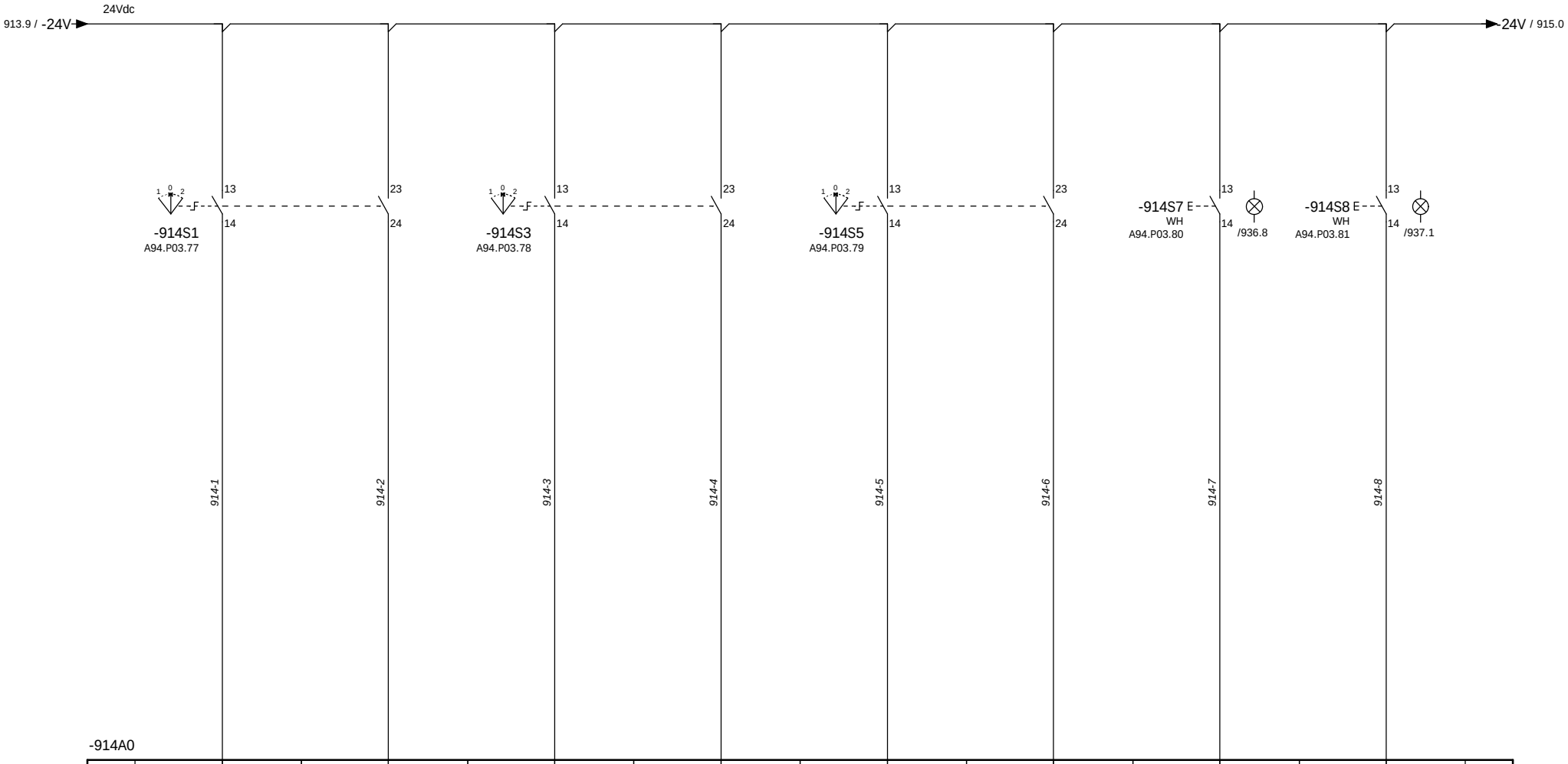
Dwg.Nr. A94

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+ **P03**

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-914A0

/901.5	1	5	2	6	3	7	4	8
	CHAINS MOVEMENT 2° PLATFORM COMBINATION ROLLS RAISE	CHAINS MOVEMENT 2° PLATFORM COMBINATION ROLLS LOWER	1° PLATFORM formapacco RAISE	1° PLATFORM formapacco LOWER	2° PLATFORM formapacco RAISE	2° PLATFORM formapacco LOWER	LOAD PALLET 1 TRASLATION	LOAD PALLET 2 TRASLATION
	E199.0	E199.1	E199.2	E199.3	E199.4	E199.5	E199.6	E199.7

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GA-Tech

Descript.: DIGITAL INPUTS

NOVASTILMEC A94

Job Nr.

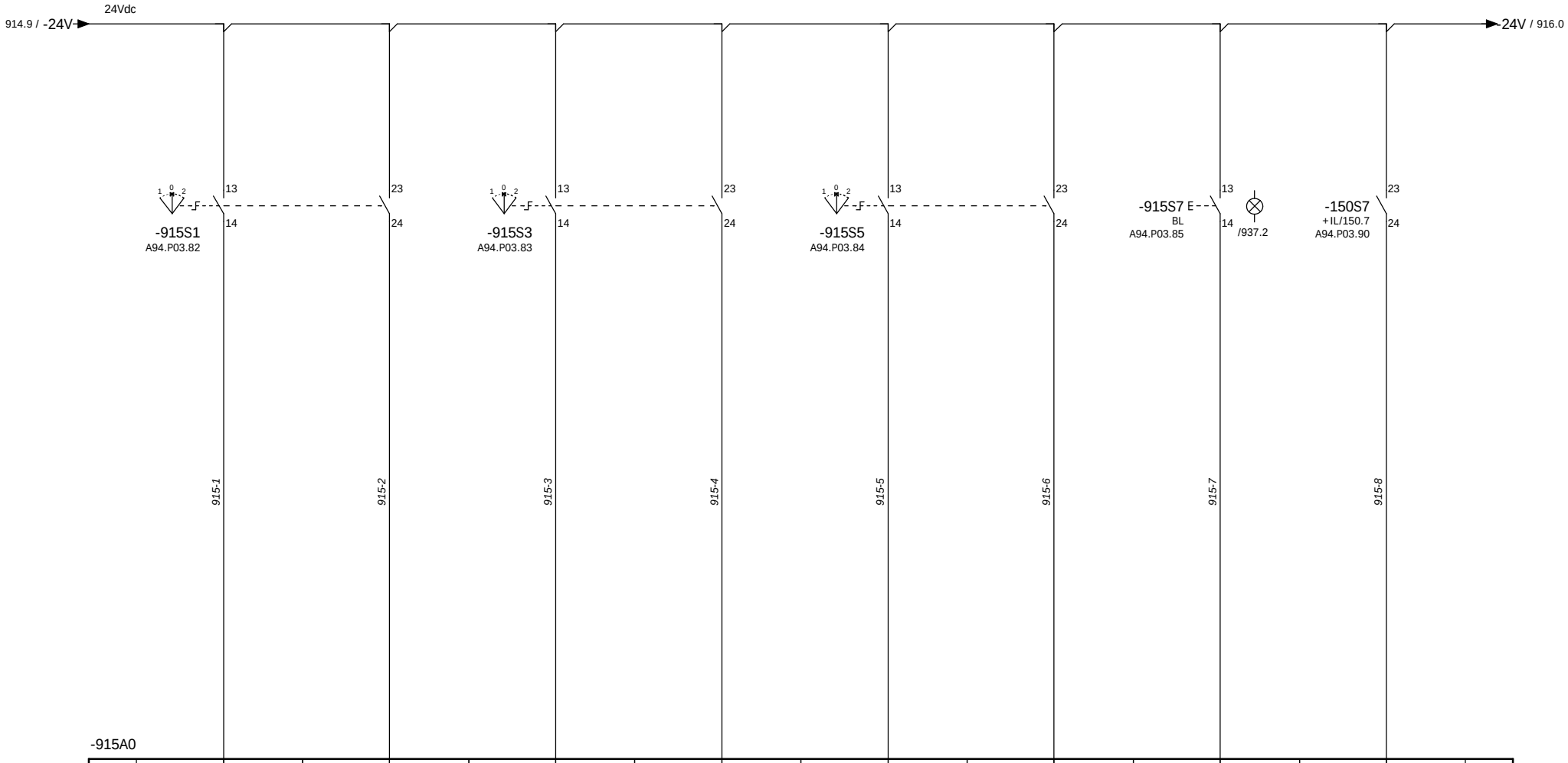
Dwg.Nr.: A94

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+ **P03**

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-915A0

/901.6	1	5	2	6	3	7	4	8
	riscontro mobile di appoggio laterale bancale RAISE	riscontro mobile di appoggio laterale bancale LOWER	PALLET LOAD STRIKER 1 FORWARD	PALLET LOAD STRIKER 1 BACKWARD	PALLET LOAD STRIKER 2 FORWARD	PALLET LOAD STRIKER 2 BACKWARD	RESET SAFETY AREA	EMERGENCY PUSH BUTTON
	E200.0	E200.1	E200.2	E200.3	E200.4	E200.5	E200.6	E200.7

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GA-Tech

Descript.: DIGITAL INPUTS

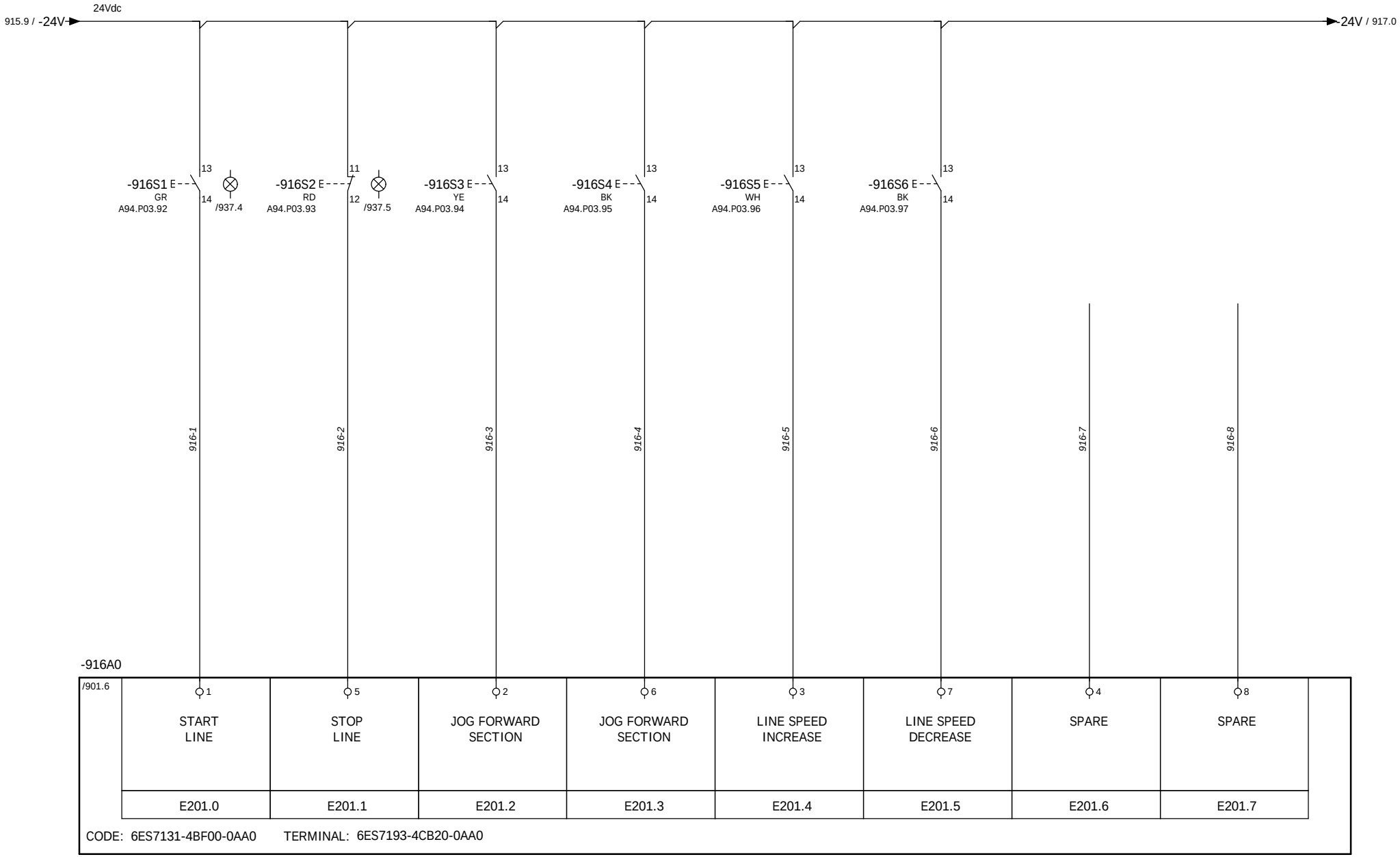
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916.9 / -24V — 24Vdc — -24V /

-917A0

/901.6

1	5	2	6	3	7	4	8
917-1	917-2	917-3	917-4	917-5	917-6	917-7	917-8
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
E202.0	E202.1	E202.2	E202.3	E202.4	E202.5	E202.6	E202.7

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-935A0
/901.7

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A190.0	A190.1	A190.2	A190.3	A190.4	A190.5	A190.6	A190.7
DECOILER MIN DIAMETER	OUTSIDE POSITION STACKER BEAMS	rotazione volano impilatore 1	supporto fogli impilatore 1	rotazione di tutti i nastro trasporto foglio lato operatore e motorizzazione da impilatore 1 a impilatore 2	STACKER 1 AND 2 POSITIONING	STACKER 1 AUTOMATIC ON	STACKER 1 AUTOMATIC ON
1	5	2	6	3	7	4	8
935-1	935-2	935-3	935-4	935-5	935-6	935-7	935-8
-935H1 x1 x2 YE A94.P03.1	-935H2 x1 x2 RD A94.P03.14	-907S2 x1 x2 /907.2 GR	-907S4 x1 x2 /907.4 WH	-907S7 x1 x2 /907.7 GR	-908S3 x1 x2 /908.3 BL	-908S5 x1 x2 /908.5 GR	-908S7 x1 x2 /908.7 GR

24Vdc
901.8 / -0V → -0V / 936.0

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				Drawn	TPM					+ **P03**
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-936A0
/901.7

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A191.0	A191.1	A191.2	A191.3	A191.4	A191.5	A191.6	A191.7
STACKER 2 FLYWHEEL ROTATION ON	modalità di funzionamento supporti fogli impilatore 2	SHEETS TRANSPORT OPERATOR SIDE/ MOTOR SIDE ROTATION	STACKER 2 AUTOMATIC ON	STACKER 2 AUTOMATIC ON	PLATFORM 1 AUTOMATIC UNLOADING ON	PLATFORM 2 AUTOMATIC UNLOADING ON	LOAD PALLET 1 TRASLATION ON
1	5	2	6	3	7	4	8

936-1 936-2 936-3 936-4 936-5 936-6 936-7 936-8

-908S8 /908.8 GR x1 x2
-909S2 /909.2 WH x1 x2
-909S5 /909.5 GR x1 x2
-910S1 /910.1 GR x1 x2
-910S3 /910.3 GR x1 x2
-910S6 /910.6 GR x1 x2
-911S6 /911.6 GR x1 x2
-914S7 /914.7 WH x1 x2

24Vdc
935.9 / -0V ► ► -0V / 937.0

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/901.8

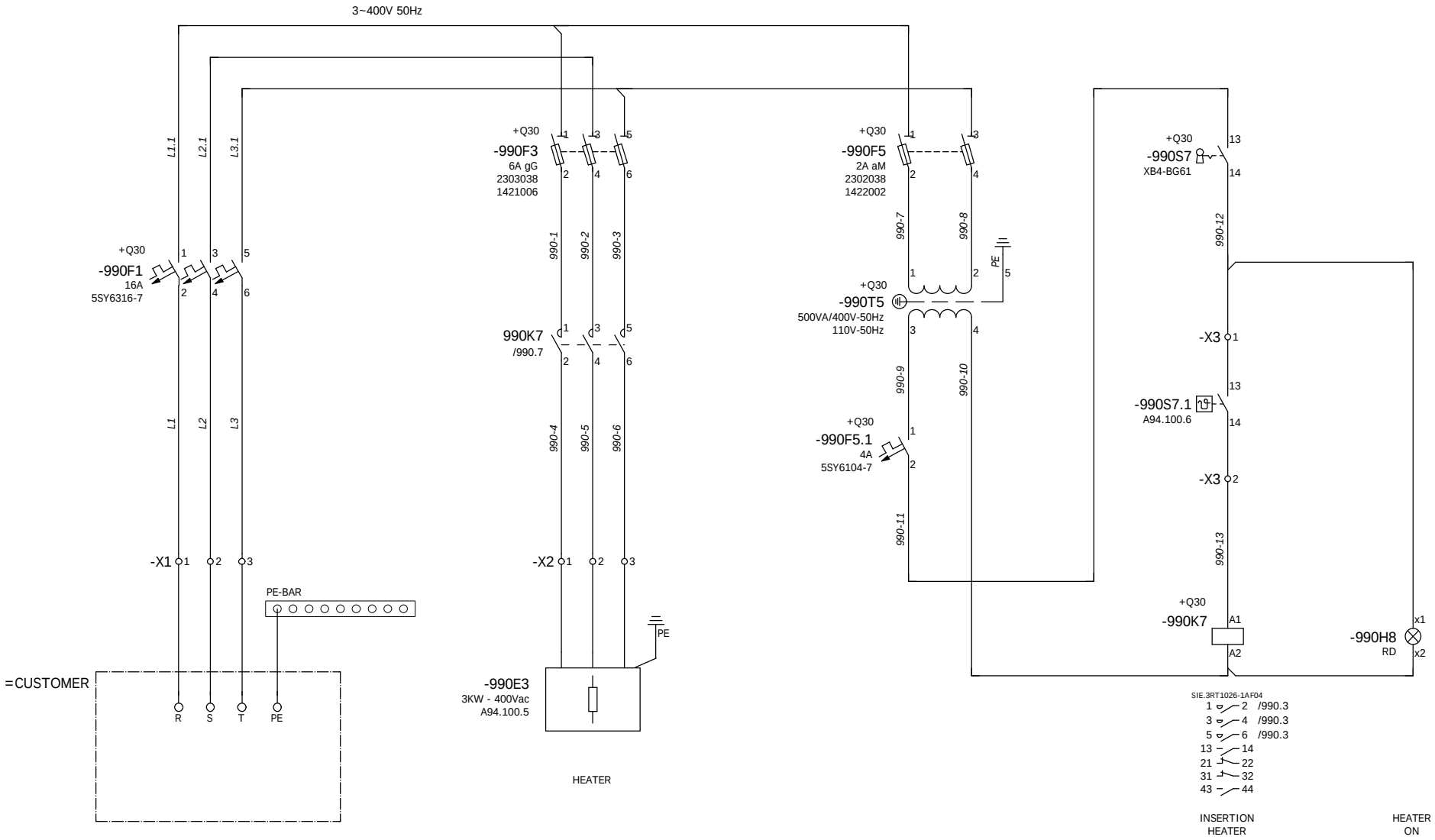
CODE: 6ES7132-4BF00-0AA0 TERMINAL: 6ES7193-4CB20-0AA0

A192.0	A192.1	A192.2	A192.3	A192.4	A192.5	A192.6	A192.7
LOAD PALLET 2 TRASLATION ON	RESET SAFETY AREA	STOP LINE ALARM	START LINE	STOP LINE	SPARE	SPARE	SPARE
1	5	2	6	3	7	4	8
937-1	937-2	937-3	937-4	937-5	937-6	937-7	937-8
-914S8 /914.8 WH	-915S7 /915.7 BL	-937H3 RD A94.P03.91	-916S1 /916.1 GR	-916S2 /916.2 RD			
x1 x2	x1 x2	x1 x2	x1 x2	x1 x2			

936.9 / -0V- 24Vdc

-0V /

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				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **937**
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				Drawn	TPM					+ **Q30**
				Check	ALE				Job Nr. / Dwg.Nr. A94	Page **990**
Rev.	Descript.	Date	Name	Original				Descript.		Follow =PARTS LIST+/5000