

Circuit diagram 219

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Computer OKC, Ident. No.: 243991.02

STOLL
THE RIGHT WAY TO KNIT

CMS	822	730S	922	933	730T	530T	740	830C
Typ	574	554	770	769	586	585	572	573
Circuit diagram 219.02	X	X	X	X	X	X	X	X

ELECTRICAL DATA OF CMS MACHINES

Mains voltage Three-phase : 400V
±10% 50/60 Hz
Phase number : 3
Rated current F0 : 7A
Main fuse (of customer) : 16 A slow-blow fuse

When the Main Voltage is different to 400V connect the machine over a separat transformer T2.

The protective motor switch Q1 must be set appropriately.

Mains connection:

Caution! Before connecting check for the mains voltage which is at the operating place of the machine.
When connecting the machine, pay attention to the clockwise phase sequence.

The connection of external electrical and electronical assemblies to the internal wiring of the machine is generally not allowed.

A guarantee for a faultless function of the machine cannot be ensured in those cases.

When operating the machine via a generator take care that the requirement to the mains voltage is carried out according to EN 60204-1 paragr. 4.3.1.

Supply voltage	Rated Current F0
440 V	6,3 A
420 V	6,3 A
400 V	7,0 A
380 V	8,0 A
360 V	8,0 A
340 V	9,0 A
240 V	10,0 A
220 V	10,0 A
200 V	10,0 A

Seite	Seitenbenennung	Seitenzusatzfeld	Datum	Bearbeiter	X
1	cover page		10. Okt. 2007	KEX	
2	contents		10. Okt. 2007	KEX	x
3	contents		10. Okt. 2007	KEX	
4	code of the connector, actuator and sensors		10. Okt. 2007	KEX	
5	caption		10. Okt. 2007	KEX	
6	caption		10. Okt. 2007	KEX	
7	caption		10. Okt. 2007	KEX	
8	caption		10. Okt. 2007	KEX	
9	caption		10. Okt. 2007	KEX	
10	caption		10. Okt. 2007	KEX	
11	caption		10. Okt. 2007	KEX	
12	block diagram transformer		10. Okt. 2007	KEH	
13	block diagram control unit left.		10. Okt. 2007	KEH	
14	block diagram control unit left.		10. Okt. 2007	KEH	
15	block diagram control unit right servo drive and racking		10. Okt. 2007	KEH	
16	block diagram control unit right main take down		10. Okt. 2007	KEH	
17	block diagram control unit right auxiliary take down		10. Okt. 2007	KEX	
18	block diagram control unit right comb		10. Okt. 2007	KEX	
19	block diagram control unit right		10. Okt. 2007	KEH	
20	connector definition wiring system left big BUS		10. Okt. 2007	KEH	
21	connector definition wiring system left smaler BUS		10. Okt. 2007	KEX	
22	connector definition wiring system right		10. Okt. 2007	KEH	
23	connector definition connectors external		10. Okt. 2007	KEH	
24	supply		10. Okt. 2007	KEH	
25	transformer		10. Okt. 2007	KEH	
26	power supply		10. Okt. 2007	KEH	
27	power allocation wiring system left		10. Okt. 2007	KEH	
28	power allocation wiring system right		10. Okt. 2007	KEH	
29	CAN-BUS		10. Okt. 2007	KEH	
30	lighting fluff elemination central lubrication		10. Okt. 2007	KEH	

Seite	Seitenbenennung	Seitenzusatzfeld	Datum	Bearbeiter	X
31	servo drive and racking		10. Okt. 2007	KEH	
32	servo additional neddle beds		10. Okt. 2007	KEH	
33	inputs servo HA+V		10. Okt. 2007	KEH	
34	inputs servos additional neddle beds		10. Okt. 2007	KEH	
35	outputs servo HA+V		10. Okt. 2007	KEH	
36	posifeeds		10. Okt. 2007	KEH	
37	main take down		10. Okt. 2007	KEH	
38	auxiliary take down		10. Okt. 2007	KEX	
39	comb		10. Okt. 2007	KEX	
40	signals Take down XR62		10. Okt. 2007	KEH	
41	signals comb XR63 5XX / 7XX / 8XX		10. Okt. 2007	KEH	
42	signal Take down open XR65		10. Okt. 2007	KEH	
43	signals auxiliary take down XR66 5XX		10. Okt. 2007	KEH	
44	signals auxiliary take down XR66 7XX / 8XX		10. Okt. 2007	KEX	
45	signals comb hook XR67 5XX / 7XX / 8XX		10. Okt. 2007	KEH	
46	engaging rod		10. Okt. 2007	KEH	
47	outputs relay card		10. Okt. 2007	KEH	
48	inputs relay card 1		10. Okt. 2007	KEH	
49	inputs relay card 2		10. Okt. 2007	KEH	
50	inputs relay card 3		10. Okt. 2007	KEH	
51	outputs batterie card		10. Okt. 2007	KEH	
52	inputs batterie card		10. Okt. 2007	KEH	
53	knot dedector		10. Okt. 2007	KEH	
54	inputs batterie card piezos		10. Okt. 2007	KEH	
55	terminals/Cutting left		10. Okt. 2007	KEH	
56	terminals/Cutting right		10. Okt. 2007	KEH	
57	yarn carrier unit CMS730S		10. Okt. 2007	KEH	

Identification of the plug connectors, sensors and actuators

A__	Assemblies
B	Switches
E__	Lighting; Ventilator
F__	Fuses
J__	The card plug connector of the wiring system __ stands for the last three numbers of the respective Ident. number (example: Id.300953 → J953)
K__	Relays
M__	Motors
P__	Signal equipment
Q__	Brakes, magnets
T__	Transformers
W__	cable
V__	Interference suppressors
XL__	Plug connectors on the wiring systems in the left control unit (cable outlets)
XR__	Plug connectors on the wiring systems in the right control unit (cable outlets)
XT__	Plug connectors on the transformer
XZ__	Plug connectors on the consumer or switch gear

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Identifier EN 61346-2	Old Identifier	Designation	Value/function	Ident No. CMS 530T	Ident No. CMS 740	Ident No. CMS 730T	Ident No. CMS 730S	Ident No. CMS 822 830C	Ident No. CMS922 933
A1	A1	Control unit on the left co.		240 760	238750	240 760	240 763	240 759 (822) 241 312 (830C)	240761 (933) 241313 (922)
A2	A2	Control unit on the left co.		241 310	238 738	241 311	238 738	238 738	238 738
A6	A6	Battery plug-in unit		300 924	300 924	300 924	300 924	300 924	300 924
A7	A7	Card Engaging		240 167	240 167	240 167	240 167	240 167	240 167
A8	A8	Magnet switch shrouding covers outside		219 983	219 983	219 983	219 983	219 983	219 983
A10	A10	Yarn control device		237 124	237 124	237 124	237 124	237 124	237 124
A11	A11	Impulse giver main take-down / comb		300 744	300 744	300 744	300 744	300 744	300 487
A12	A12	Impulse giver auxiliary take-down		217 462	in M5	in M5	in M5	in M5	217 462
A14	A14	Magnet switch shrouding covers in the middle		220 159	220 159	220 159	220 159	220 159	220 159
A15	A15	Racking – limit switch jack		229 396	229 396	229 396	229 396	229 396	229 396
A16	A16	Racking – Limit switch jack add. bed front / right		232 300	----	232 300	----	----	----
A17	A17	Racking – Limit switch jack add. bed rear / left		232 300	----	232 300	----	----	----
A18	A18	Clamping/cutting on the left		214 257	----	214 257	214 257	----	----
A19	A19	Clamping/cutting on the right		214 257	----	214 257	214 257	----	----
A20	A20	Impulse giver pressure motor auxiliary take-down	in group M10	----	x	x	x	x	x
A21	A21	Main switch		250363	250363	250363	250363	250363	250363
A22	A22	Central oil lubricating pump	Partly optional	235 068	235 068	235 068	235 068	235 068	235 068
A23	A23	Length measuring device (STIXX)	optional	236 275	236 275	236 275	236 275	236 275	236 275
A24	A24	Shock stop motion (Piezo)		220 011	220 011	220 011	220 011	220 011	220 011
A25	A25	Shock stop motion (Piezo) additional bed		230520	----	230520	----	----	----
A26	A26	Slack tensioner left		241345	241345	241345	241345	241345	241345
A27	A27	Slack tensioner right		241346	241346	241346	241346	241346	241346
B S1	S 1	Limit switch drive on the left		223 333	223 333	223 333	223 333	223 333	223 333
B S2	S 2	Limit switch drive on the right		223 333	223 333	223 333	223 333	223 333	223 333
B 4.1	S 4.1	Limit switch racking	in group A15	x	x	x	x	x	x
B 4.2	S 4.2	Limit switch racking front / right additional bed	in group A16b	x	----	x	----	----	----
B 4.3	S 4.3	Limit switch racking rear / left additional bed	in group A17	x	----	x	----	----	----
B 5.1	S 5.1	Switch Shrouding cover	in group A8	x	x	x	x	x	x
B 5.2	S 5.2	Switch Shrouding cover	in group A8	x	x	x	x	x	x
B 6.1	S 6.1	Switch Shrouding cover	in group A8	x	x	x	x	x	x
B 6.2	S 6.2	Switch Shrouding cover	in group A8	x	x	x	x	x	x

B10	S 10	Switch Protective hood on the right		223 350	223 350	223 350	223 350	223 350	223 350
B12	S 12	Switch Protective hood on the left		223 350	223 350	223 350	223 350	223 350	223 350
B_S13	S 13	Switch fabric sensor 1		----	----	----	X	----	----
B_S14	S 14	Switch take-down closed		026 259	----	----	----	----	----
B15li	S 15 li	Slack tensioner on the left	in group A26	X	X	X	X	X	X
B15re	S 15 re	Slack tensioner on the right	in group A27	X	X	X	X	X	X
B_S16	S 16	Microswitch Winding plate		026 259	026 259	026 259	026 259	026 259	026 259
B_S16a	S 16a	Microswitch front winding plate		222 063	222 063	222 063	222 063	222 063	222 063
B_S17	S 17	Switch fabric take-down on the left		----	----	----	----	----	008 829
B_S18	S 18	Switch fabric take-down on the right		----	----	----	----	----	008 829
B20	S 20	Comb reference at the top		214 163	214 163	214 163	214 163	214 163	----
B21	S 21	Comb reference bottom		214 163	214 163	214 163	214 163	214 163	----
B22	S 22	Comb Light barrier		243 355	243 355	243 355	243 355	243 355	----
B_S23	S 23	Switch Cover plate Comb		026 259	026 259	026 259	026 259	026 259	----
B_S24	S 24	Switch comb hook		026 259	026 259	026 259	026 259	026 259	----
B 27	S 27	Float switch central lubrication	in group A22	X	X	X	X	X	X
B 28	S 28	Oil pressure switch central lubrication	in group A22	X	X	X	X	X	X
B_S30	S 30	Switch auxiliary take-down open		026 259	026 259	026 259	026 259	026 259	----
B31	S 31	Thermoswitch fluff absorption turbine	in M 9	X	X	X	X	X	X
B32	S 32	Switch winding plate feed wheel		008 529	008 529	008 529	008 529	008 529	008 529
B33.1	S33.1			X	X	X	X	X	X
B33.2	S33.2			X	X	X	X	X	X
B34.1	S34.1			X	X	X	X	X	X
B34.2	S34.2			X	X	X	X	X	X
B35li	S35 li	Sensor clamp./cutting tuck left	in group A18	X	----	X	X	----	----
B35re	S35 re	Sensor clamp./cutting tuck right	in group A19	X	----	X	X	----	----
B36li	S36 li	Sensor clamp./cutting selection left	in group A18	X	----	X	X	----	----
B36re	S36 re	Sensor clamp./cutting selection right	in group A19	X	----	X	X	----	----
B37li	S37 li	Sensor clamp./cutting drive left	in group A18	X	----	X	X	----	----
B37re	S37 re	Sensor clamp./cutting drive right	in group A19	X	----	X	X	----	----
B38	S38	Reference sensor racking rear	in group A15	X	X	X	X	X	X
B39	S39	Reference sensor racking additional bed front / right	in group A16b	X	----	X	----	----	----
B40	S40	Reference sensor racking additional bed rear / left	in group A17	X	----	X	----	----	----
B41li	S41li	Thermoswitch feed wheel left	in M 7	X	X	X	X	X	X
B41re	S41re	Thermoswitch feed wheel right	in M 7	X	X	X	X	X	X
B45	S45	Switch take-down open		----	210 510	210 510	210 510	210 510	----

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B_S46	S46	Switch take-down closed		----	210 510	210 510	210 510	210 510	----
B48	S48	Release signalling switch of main switch	in group A21	236 065	236 065	236 065	236 065	236 065	236 065
B_S49	S49	Cover plate Comb depressed		026 259	026 259	026 259	026 259	026 259	----
E1	E1	Machine lighting at the top		205 546	205 546	212 580	205 546	205 546	212 580
E2	E2	Machine lighting at the bottom		----	----	----	----	----	212 580
E3	LV 1	Ventilator drive motor		213 722	213 722	213 722	213 722	213 722	213 722
E4	LV 2	Ventilator control unit on the right (servo)	in group A2	229 059	229 059	229 059	229 059	229 059	229 059
E5	LV 4	Ventilator power supply	in group A1	239 305	239 305	239 305	239 305	239 305	239 305
F0	Q1	Protective motor switch	in group A21	235 115	235 115	235 115	235 115	235 115	235 115
F 1	F 1	Fabric take-down (WAZ)	3,15AT / 440V	025 261	025 261	025 261	025 261	025 261	025 261
F 2	F 2	Fabric take-down (WAZ)	3,15AT / 440V	025 261	025 261	025 261	025 261	025 261	025 261
F 3	F 3	Fabric take-down (WAZ)	3,15AT / 440V	025 261	025 261	025 261	025 261	025 261	025 261
F 4	F 4	Feed wheel	6,3AT / 440V	026809	026809	026809	026809	026809	026809
F 5	F 5	Feed wheel	6,3AT / 440V	026809	026809	026809	026809	026809	026809
F 6	F 6	Feed wheel	6,3AT / 440V	026809	026809	026809	026809	026809	026809
F 8	F 8	Servo	8AT / 440V	241866	241866	241866	241866	241866	241866
F 9	F 9	Servo	8AT / 440V	241866	241866	241866	241866	241866	241866
F10	F10	Servo	8AT / 440V	241866	241866	241866	241866	241866	241866
F11	F11	Power supply	6,3AT / 440V	026 809	---	026 809	---	026 809 (830C)	---
			10AT / 440V	---	025 258	---	025258	025 258 (822)	025 258
F11a	F11a	Power supply	10AT / 440V	----	----	----	025 258	----	----
F12	F12	Power supply	6,3AT / 440V	026 809	---	026 809	---	026 809 (830C)	---
			10AT / 440V	---	025 258	---	025258	025 258 (822)	025 258
F12a	F12a	Power supply	10AT / 440V	----	----	----	025 258	----	----
F13	F13	Power supply	6,3AT / 440V	026 809	---	026 809	---	026 809 (830C)	---
			10AT / 440V	---	025 258	---	025258	025 258 (822)	025 258
F13a	F13a	Power supply	10AT / 440V	----	----	----	025 258	----	----
F16	F16	Lighting	3,15AT / 440V	025 261	025 261	025 261	025 261	025 261	025 261
F17	F17	Lighting	3,15AT / 440V	025 261	025 261	025 261	025 261	025 261	025 261
F20	F20	Fluff absorption (FLENT)	2,5AT / 440V	217 465	217 465	217 465	217 465	217 465	217 465

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F21	F21	Fluff absorption (FLENT)	2,5AT / 440V	217 465	217 465	217 465	217 465	217 465	217 465
F22	F22	Fluff absorption (FLENT)	2,5AT / 440V	217 465	217 465	217 465	217 465	217 465	217 465
F_Si1	Si 1	28V protected (switch)	1,0 AF	008 748	008 748	008 748	008 748	008 748	008 748
F_Si2	Si 2	28V STIXX	1,0 AF	008 748	008 748	008 748	008 748	008 748	008 748
F_Si3	Si 3	Fuse of yarn control unit	1,0 AF	008 748	008 748	008 748	008 748	008 748	008 748
F_Si4	Si 4	Battery charge	1,0 AF	008 748	008 748	008 748	008 748	008 748	008 748
F_Si5	Si 5	Ballast servo (on relay card J953)	1,6 AT /440V	236 229	236 229	236 229	236 229	236 229	236 229
F_Si6	Si 6	Fuse of battery plug-in unit	12,5 ATT	232367	232367	232367	232367	232367	232367
P1	H1	Warning light complete		251 153	251 153	251 153	251 153	251 153	251 153
P2	H2	Warning light green	in group P1	x	x	x	x	x	x
P3	H3	Signal transmitter (horn)	in group P1	x	x	x	x	x	x
K15A	K15A	Relay fluff absorption	in group T1	221 275	221 275	221 275	221 275	221 275	221 275
K16A	K16A	Relay fluff absorption	in group A22	x	x	x	x	x	x
K99A	K99A	Relay battery plug-in unit	in group A6	x	x	x	x	x	x
K3M	K3M	Relay feed wheel on the right	in group J953	x	x	x	x	x	x
K4M	K4M	Relay feed wheel on the left	in group J953	x	x	x	x	x	x
K7M	K7M	Relay lighting	in group T1	221 275	221 275	221 275	221 275	221 275	221 275
M 1	M 1	Drive motor		240 740	240 740	240 740	240 740	240 740	242 377
M 2	M 2	Rear racking motor		241 454	241 454	241 454	241 454	241 454	241 454
M 3	M 3	Take-down motor		214 279	214 279	214 279	214 279	214 279	244 449
M 4	M 4	Comb motor		214 279	214 279	214 279	214 279	214 279	----
M 5	M 5	Auxiliary take-down motor		213 871	234 805	234 805	234 805	234 805	234 805
M 6	M 6	Comb hook motor		213 872	213 872	213 872	213 872	213 872	----
M 7	M 7	Friction feed wheels		219 800	219 800	219 800	219 800	219 800	219 800
M 9	M 9	Suction turbine fluff absorption (FLENT)		221 172	221 172	221 172	221 172	221 172	221 172
M 10	M 10	Pressure roller motor		----	234 805	234 805	234 805	234 805	234 805
M 11	M 11	Racking motor front / right additional bed		242 731	----	242 731	----	----	----
M 12	M 12	Racking motor rear / left additional bed		242 731	----	242 731	----	----	----
M 13	M 13	Open/close take-down motor		----	232 456	232 456	232 456	232 456	----
M 14	M 14	Central lubrication of motor pump	in group A22	x	x	x	x	x	x

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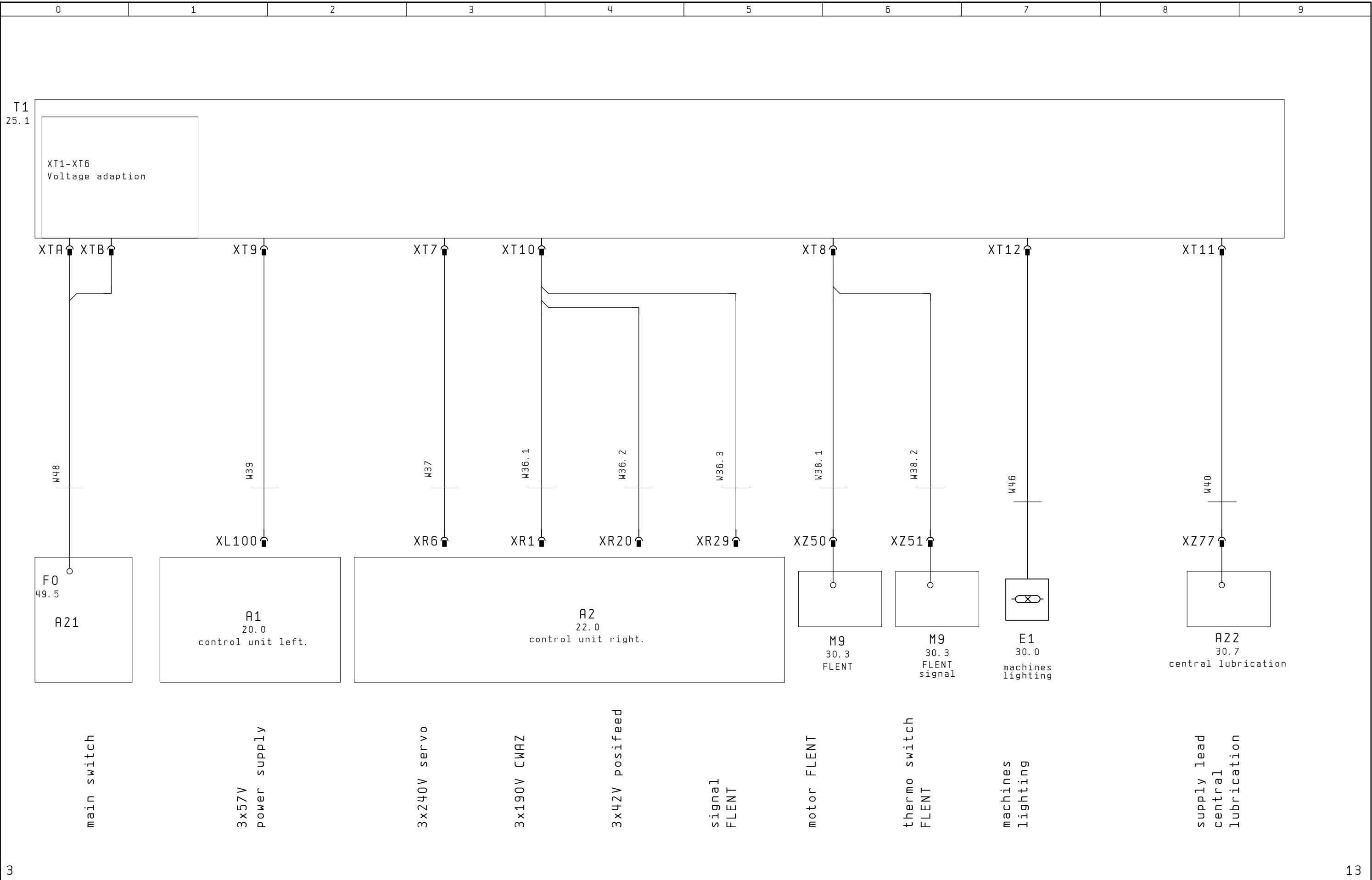
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MP 1	MP 1	Clamp./Cutting motor tuck left	in group A18	x	----	x	x	----	----
MP 2	MP 2	Clamp./Cutting motor tuck right	in group A19	x	----	x	x	----	----
MP 3	MP 3	Clamp./Cutting motor drive left	in group A18	x	----	x	x	----	----
MP 5	MP 5	Clamp./Cutting motor selection right	in group A19	x	----	x	x	----	----
MP 6	MP 6	Clamp./Cutting motor selection left	in group A18	x	----	x	x	----	----
MP 8	MP 8	Clamp./Cutting motor drive right	in group A19	x	----	x	x	----	----
Q1	Y1	Magnet machine execute	in group A21	235 116	235 116	235 116	235 116	235 116	235 116
Q2	Y4	Magnet Engaging rod		026 233	026 233	026 233	026 233	026 233	026 233
Q5	Y5	Brake motor take-down	in Motor M3	x	x	x	x	x	x
Q6	Y6	Brake motor comb	in Motor M4	x	x	x	x	x	----
Q7	Y7	Magnet take-down catch off	in Motor M3	----	----	----	----	----	x
Q8	Y8	Air valve		----	----	----	207869	----	----
T1	T1	Main transformer		253 299	253 300	253 299	240 337	253 300 (822) 253 299 (830C)	253 300
T2	T2	Series transformer		300 445	300 445	300 445	300 445	300 445	300 445
T3	T3	Trafo SFE -Feed wheels	optional	x	x	x	x	x	x
W 1	W 1	Cable drive motor		240 295	240 295	240 295	240 295	240 295	242 513
W 2	W 2	Cable resolver drive		240 296	240 296	240 296	240 296	240 296	242 514
W 3	W 3	Cable racking motor		240 297	240 297	240 297	240 297	240 297	242 515
W 4	W 4	Cable resolver racking		240 298	240 298	240 298	240 298	240 298	242 516
W 5	W 5	Cable racking motor rear additional bed /left		243 891	----	243 544	----	----	----
W 6	W 6	Cable resolver racking rear / left additional bed		243 892	----	243 545	----	----	----
W 7	W 7	Cable racking motor front / right additional bed		243 547	----	243 547	----	----	----
W 8	W 8	Cable resolver racking additional bed front / right		243 548	----	243 548	----	----	----
W 9	W 9	Cable fabric take-down motor		240 291	240 291	240 291	240 291	240 291	242 521
W10	W10	Cable pressure roller motor		----	240 592	240 592	240 592	240 592	242 508
W11	W11	Cable comb motor		240 310	240 310	240 310	240 310	240 310	----
W12	W12	Cable auxiliary take-down motor		240 467	240 590	240 590	240 590	242 226	242 525
W13	W13	Cable comb hook motor		240 308	240 308	240 308	240 308	240 308	----
W14	W14	Cable feed wheel on the left		240 464	240 465	240 465	240 465	240 466	242 524
W15	W15	Cable feed wheel on the right		240 294	240 294	240 294	240 294	240 294	242 512

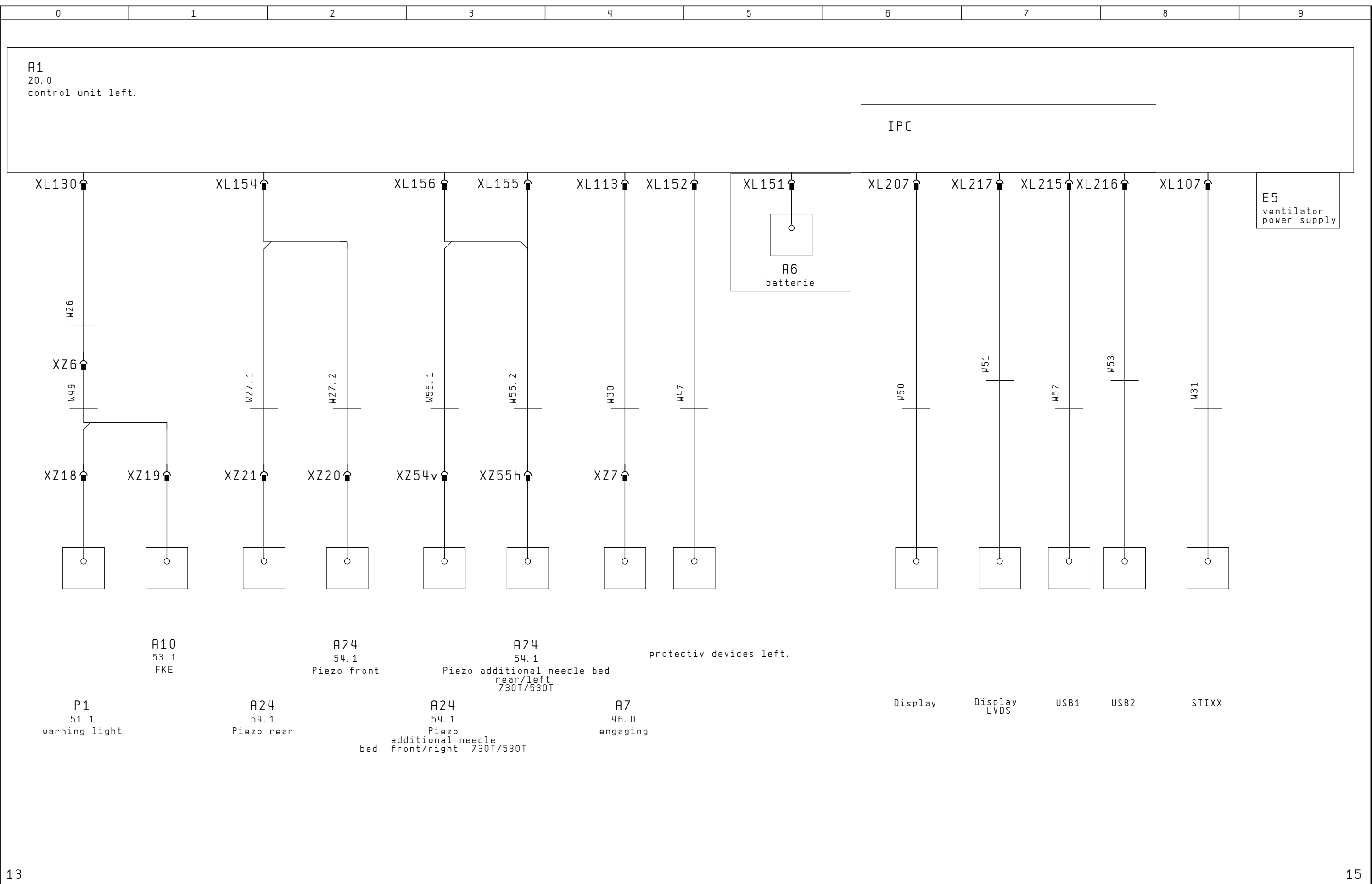
W16	W16	Cable CAN		240 459	240 460	240 460	240 460	240 461	242 522
W17	W17	Cable electro		238 703	240 462	240 462	240 462	240 463	242 523
W18	W18	Cable open/close take-down motor		----	240 610	240 610	240 610	242 228	----
W19	W19	Open/close cable switch of main takedown		----	240 611	240 611	240 611	242 229	242 520
W20	W20	Cable switch main take-down		240 312	240 312	240 312	240 312	240 312	242 519
W22	W22	Cable racking limit switch		240 292	240 292	240 292	240 292	240 292	242 510
W23	W23	Rear / left cable limit switch racking mains supply		243 893	----	243 546	----	----	----
W24	W24	Front / right cable limit switch racking mains supply		243 549	----	243 549	----	----	----
W25	W25	Cable protective units on the right		253441	253441	253441	253441	253441	253615
W26	W26	Cable yarn tensioner , warning light , horn		240 290	240 290	240 290	240 290	240 290	242 506
W27	W27	Cable piezo sensor		240 518	240 518	240 518	240 518	240 518	240 518
W28	W28	Cable switch comb		240 311	240 311	240 311	240 311	240 311	----
W29	W29	Cable switch auxiliary take-down		240 468	240 591	240 591	240 591	242 227	242 526
W30	W30	Cable engaging		240 289	240 289	240 289	240 289	240 289	242 505
W31	W31	Cable Length measuring device	optional	236 718	236 718	236 718	236 718	236 718	236 718
W32	W32	Cable clamp./cutting drive on the right		243 897	----	240 613	240 613	----	----
W33	W33	Cable clamp./cutting drive on the left		240 612	----	240 612	240 612	----	----
W34	W34	Cable Clamp./Cutting sensors		243 896	----	240 614	240 614	----	----
W35	W35	Cable connection lights		----	----	----	----	----	226 440
W36	W36	Cable Power supply WAZ / feed wheel		240 469	240 470	240 470	240 470	240 471	242 765
W37	W37	Cable Power supply SERVO		240 502	240 503	240 503	240 503	240 504	242 766
W38	W38	Cable Power supply FLUFF ABSORPTION		251231	251242	251242	251242	251243	251232
W39	W39	Cable Power supply		240 505	240573	240573	240573	240 505	242 767
W40	W40	Cable power supply central lubrication	Partly optional	244 406	241 850	241 850	241 850	241 850	244 406
W41	W41	Cable control central lubrication	Partly optional	238 704	238 704	238 704	238 704	238 704	238 704
W42	W42	Cable switch pressure motor		240 472	240 593	240 593	240 593	240 593	242 509
W43	W43	Cable switch Comb hook /fabric sensor		240 309	240 309	240 309	240 309	240 309	242 518
W44	W44	Cable signals main switch		240 517	240 517	240 517	240 517	240 517	240 517
W45	W45	Cable ventilator drive		240 293	240 293	240 293	240 293	240 293	242 511
W46	W46	Cable Power supply Lighting		236 572	240 506	240 506	240 506	240 507	242 768
W47	W47	Cable protective units left		253442	253442	253442	253442	253442	253616
W48	W48	Cable mains supply transformer		250364	250364	250364	250364	250364	250364
W49	W49	Cable mains supply yarn control device,warning light		239 749	239 749	239 749	239 749	239 749	239 749
W50	W50	Cable Display Color		240 327	240 327	240 327	240 327	243 047	243 047
W51	W51	Cable Display LVDS		242 421	242 421	242 421	242 421	243 046	243 046
W52	W52	Cable USB 1		240 317	240 317	240 317	240 317	243 070	243 069

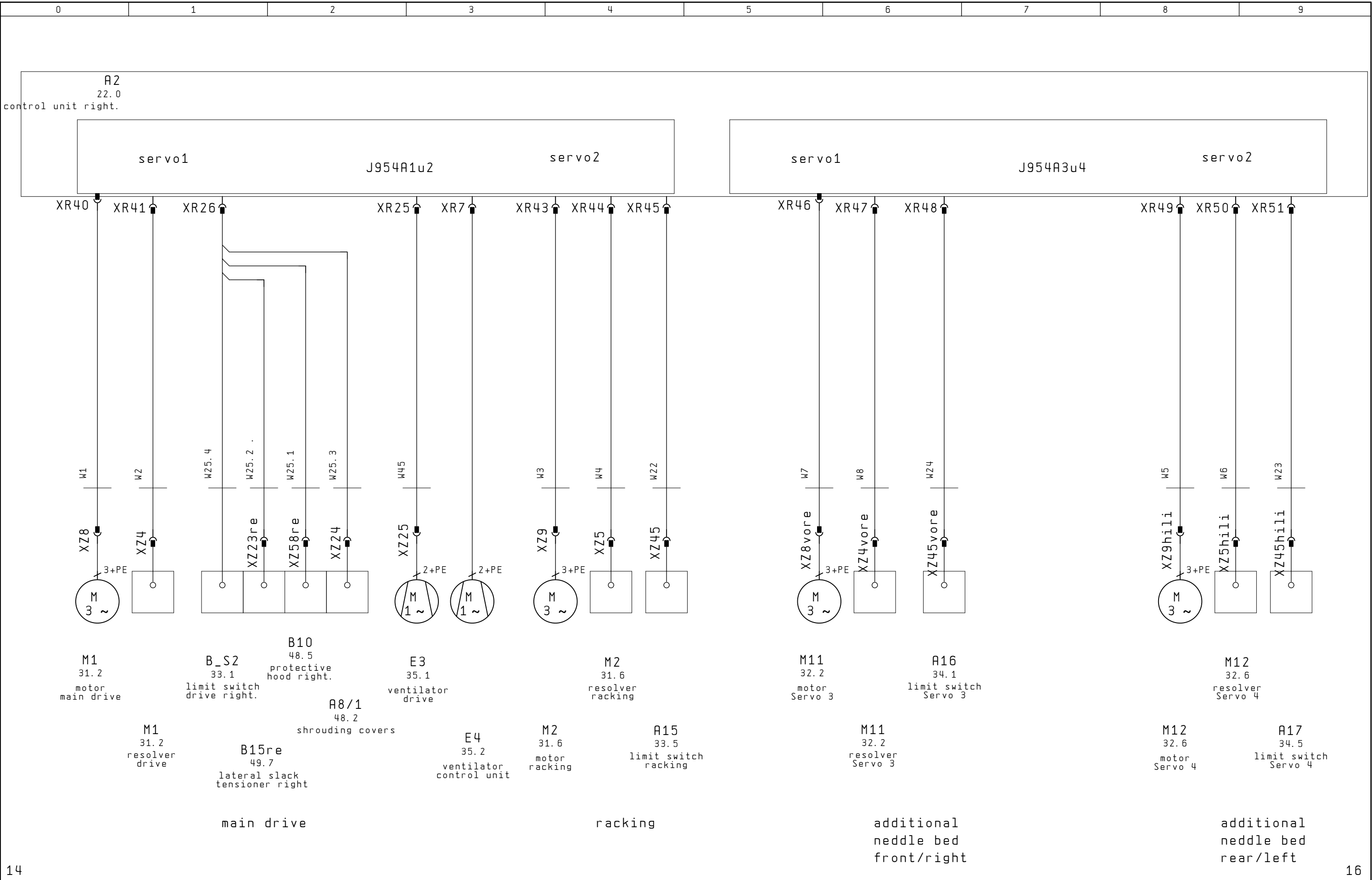
[illegible]





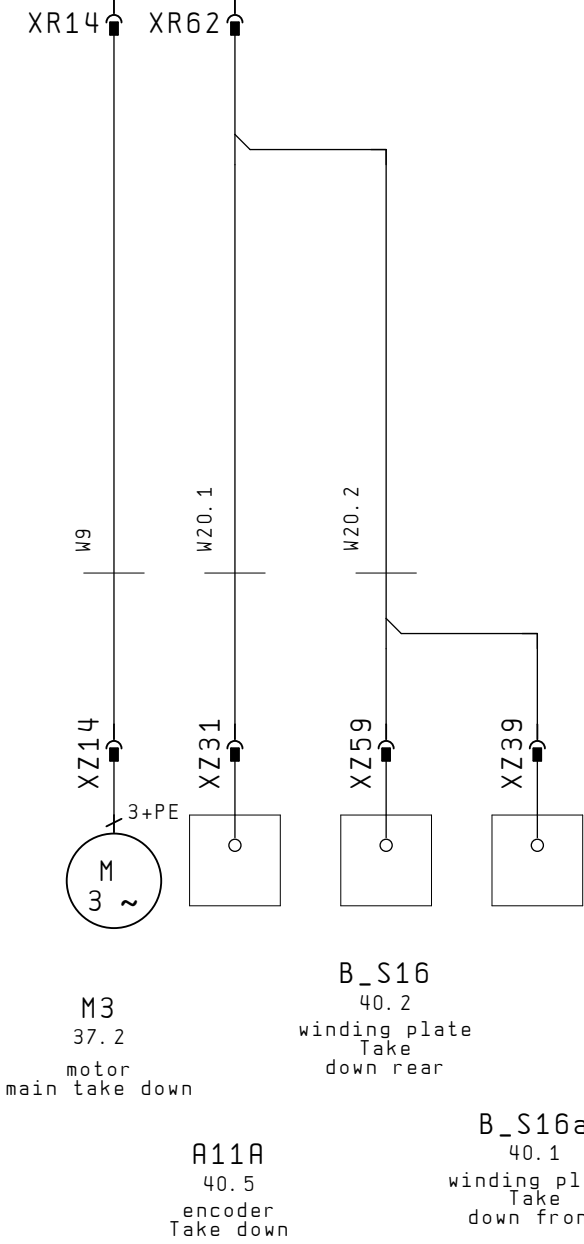
Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.			57 Bl.
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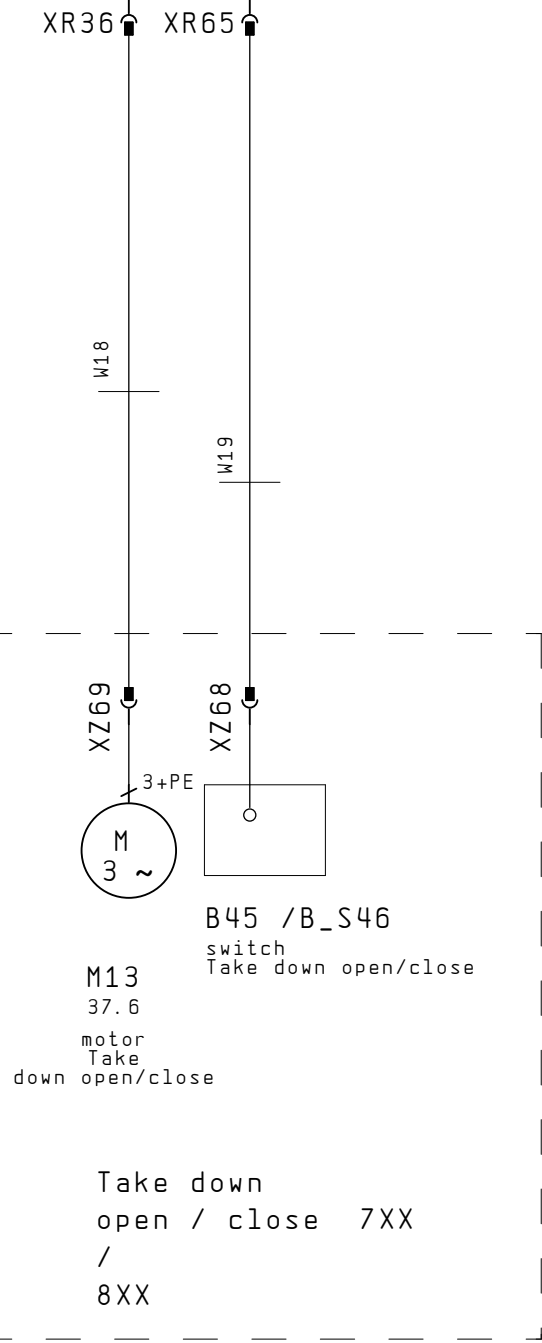


A2
22.0
control unit right.

C-WAZ J929 + J936 / J948

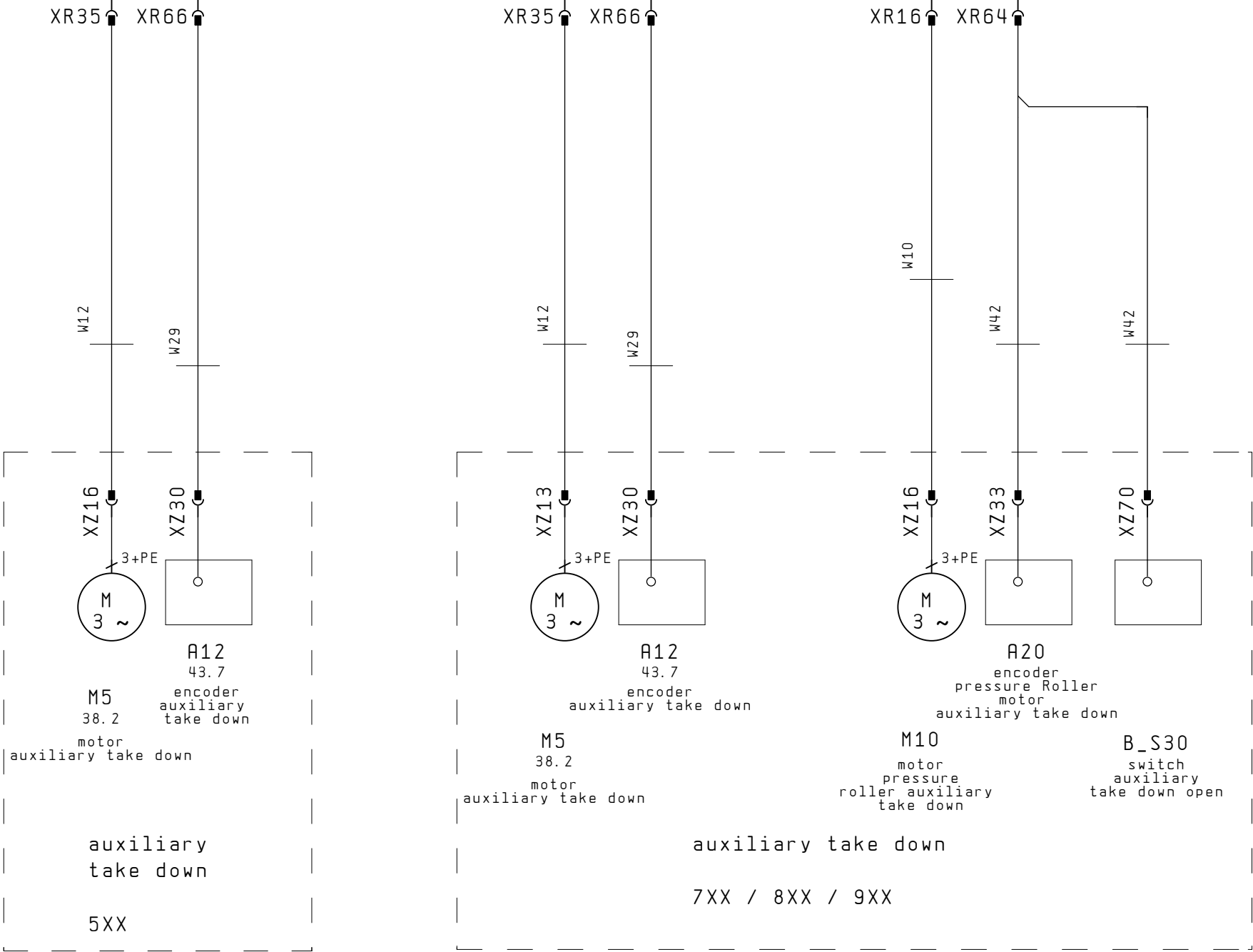


Take down



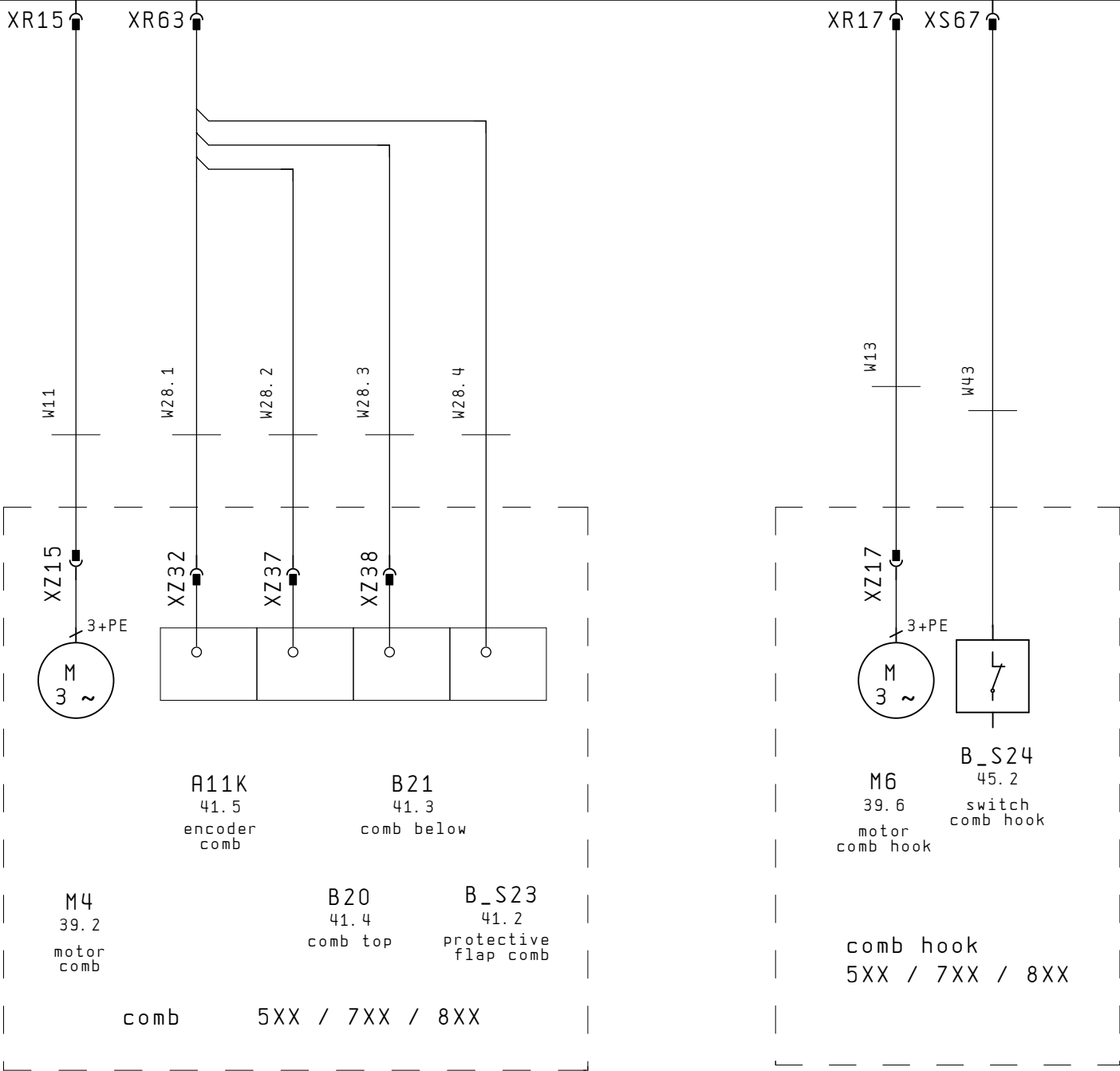
A2
22.0
control unit right.

C-WAZ J929 + J936 / J948



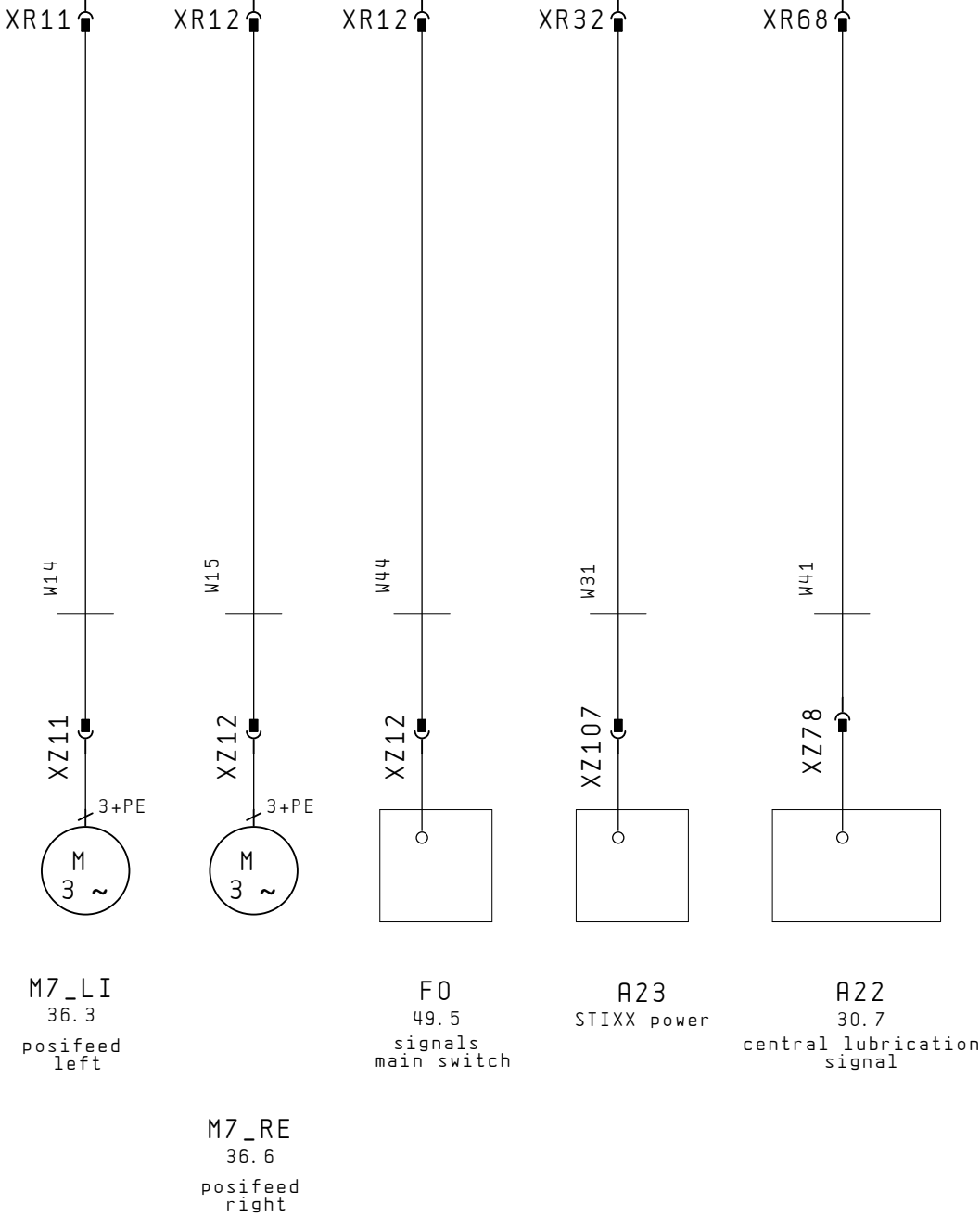
A2
22.0
control unit right.

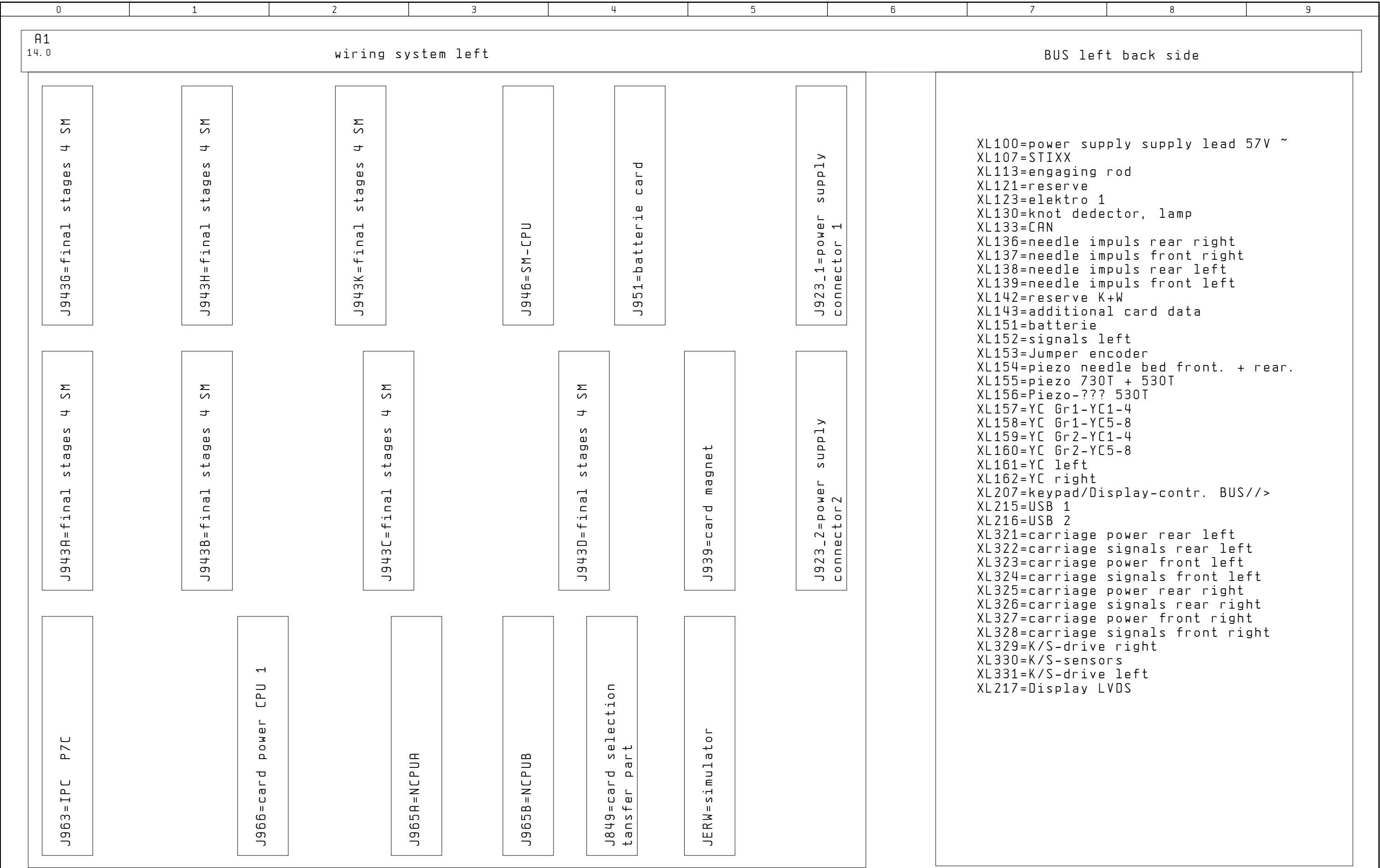
C-WAZ J929 + J936 / J948



A2
22.0
control unit right.

relay card J953



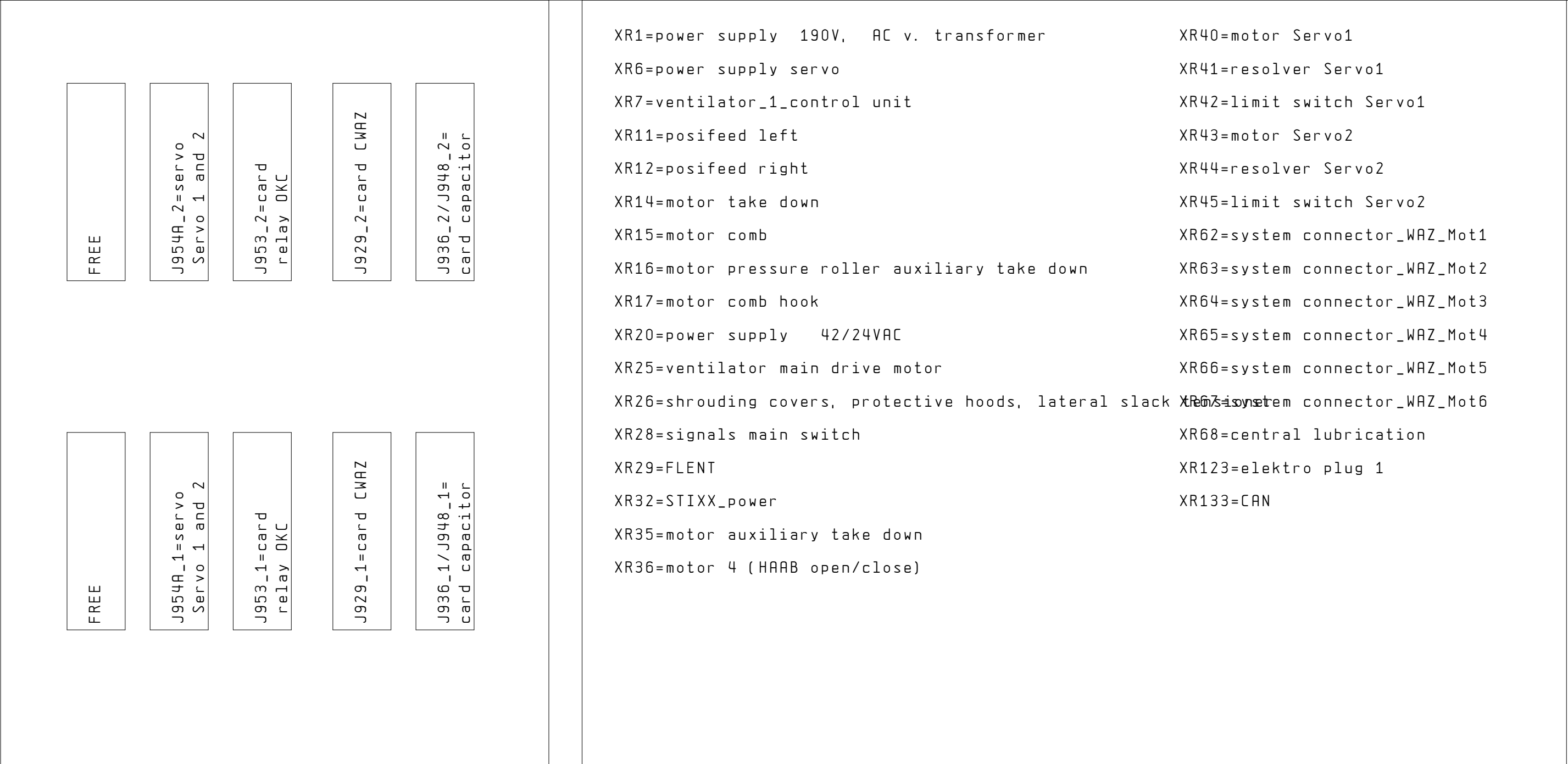


			Datum		circuit diagram 219	STOLL THE RIGHT WAY TO KNIT	H. Stoll GmbH & Co. KG	connector definition wiring system left big BUS	Id. Nr. 243991_02		
			Bearb.	KEH							
			Gepr.	17. Okt. 2007							
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			B1.	20
										57 B1.	

A2
19.0

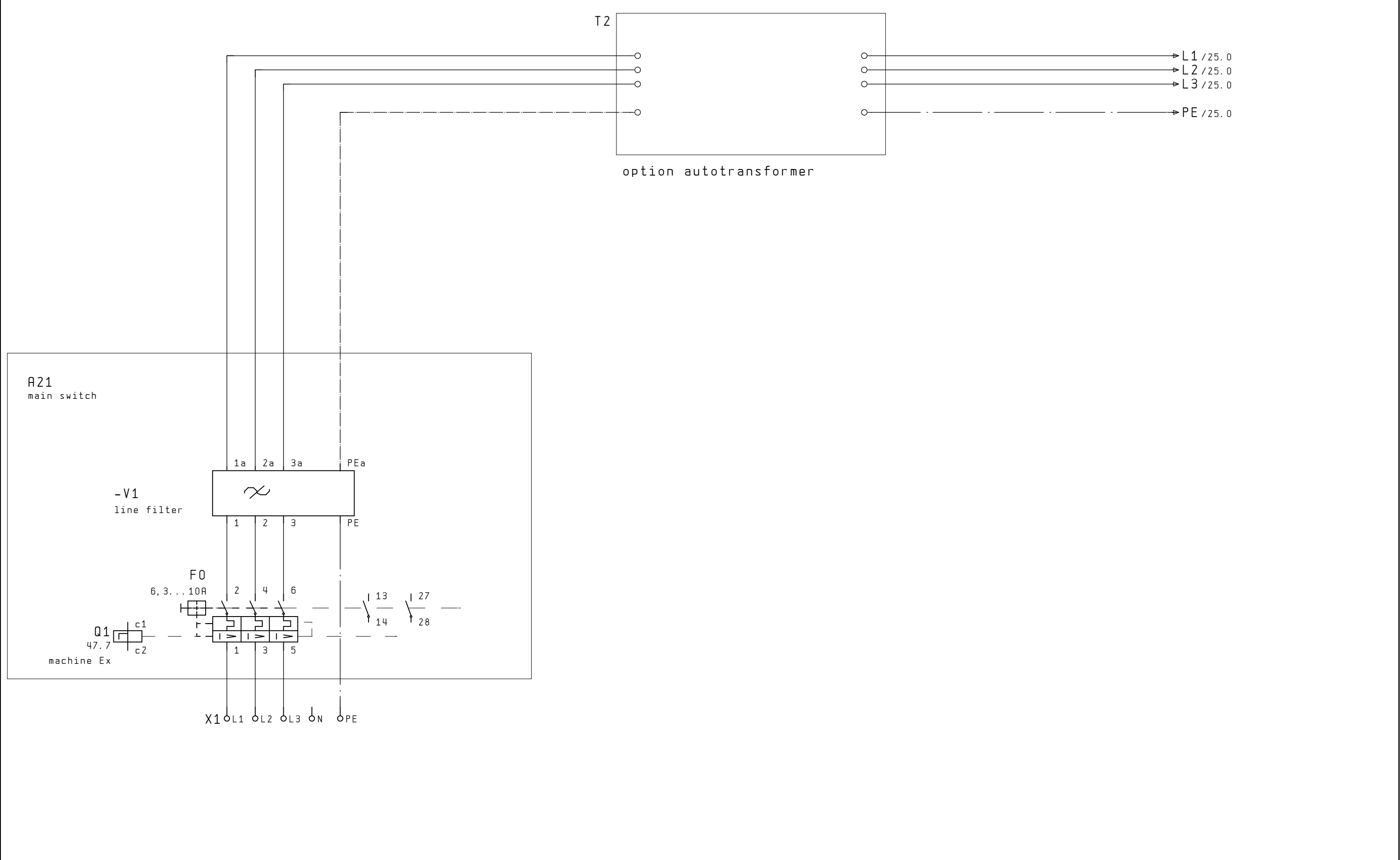
wiring system right

back side

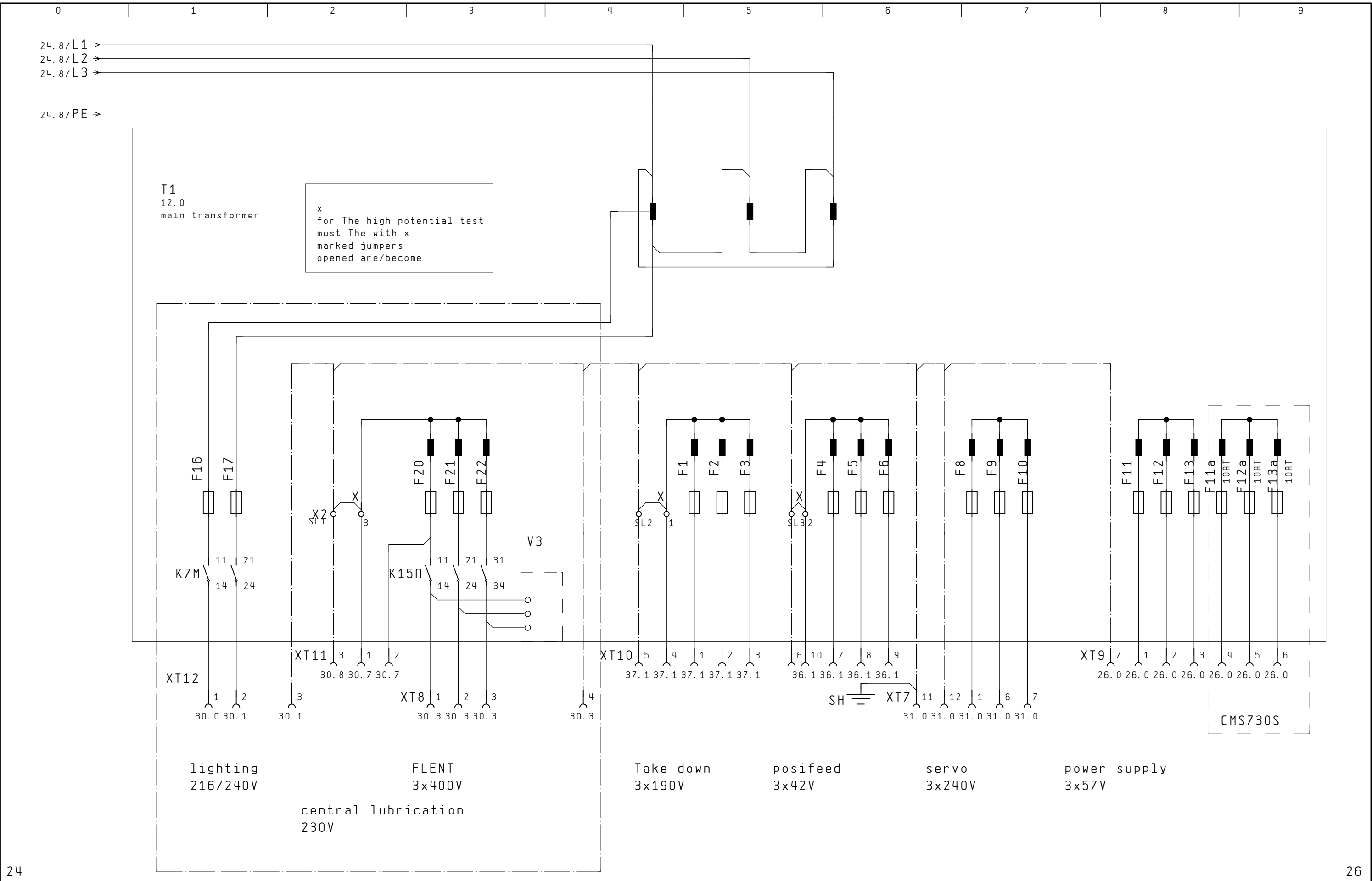


0	1	2	3	4	5	6	7	8	9
transformer XT7=servo XT8=FLENT XT9=power supply/lighting XT10=signals lighting / FLENT XT11=central lubrication XT12=lighting X1=main connection main switch X2=adittional clamp transformer XZ2=MC-lighting XZ4=resolver main drive XZ5=resolver racking XZ6=connector FKE, warning light XZ7=engaging rod XZ8=motor main drive XZ9=motor racking XZ11=posifeed left XZ12=posifeed right XZ14=motor Take down XZ15=motor comb XZ16=motor auxiliary take down XZ17=motor comb hook XZ18=warning light XZ19=FKE XZ20=Piezo NB front XZ21=Piezo NB rear XZ23li=lateral slack tensioner left XZ23re=lateral slack tensioner right XZ24=shrouding covers XZ30=encoder auxiliary take down XZ31=encoder Take down XZ32=encoder comb XZ34=brake /temperature comb XZ35=brake /temperature Take down XZ37=position comb top XZ38=position comb below XZ39=winding plate Take down rear. XZ58li=protective hood left XZ58re=protective hood right XZ59=winding plate Take down front. XZ45=limit switch racking XZ50=FLENT XZ51=FLENT signal XZ77=central lubrication XZ78=signal central lubrication									
22									24

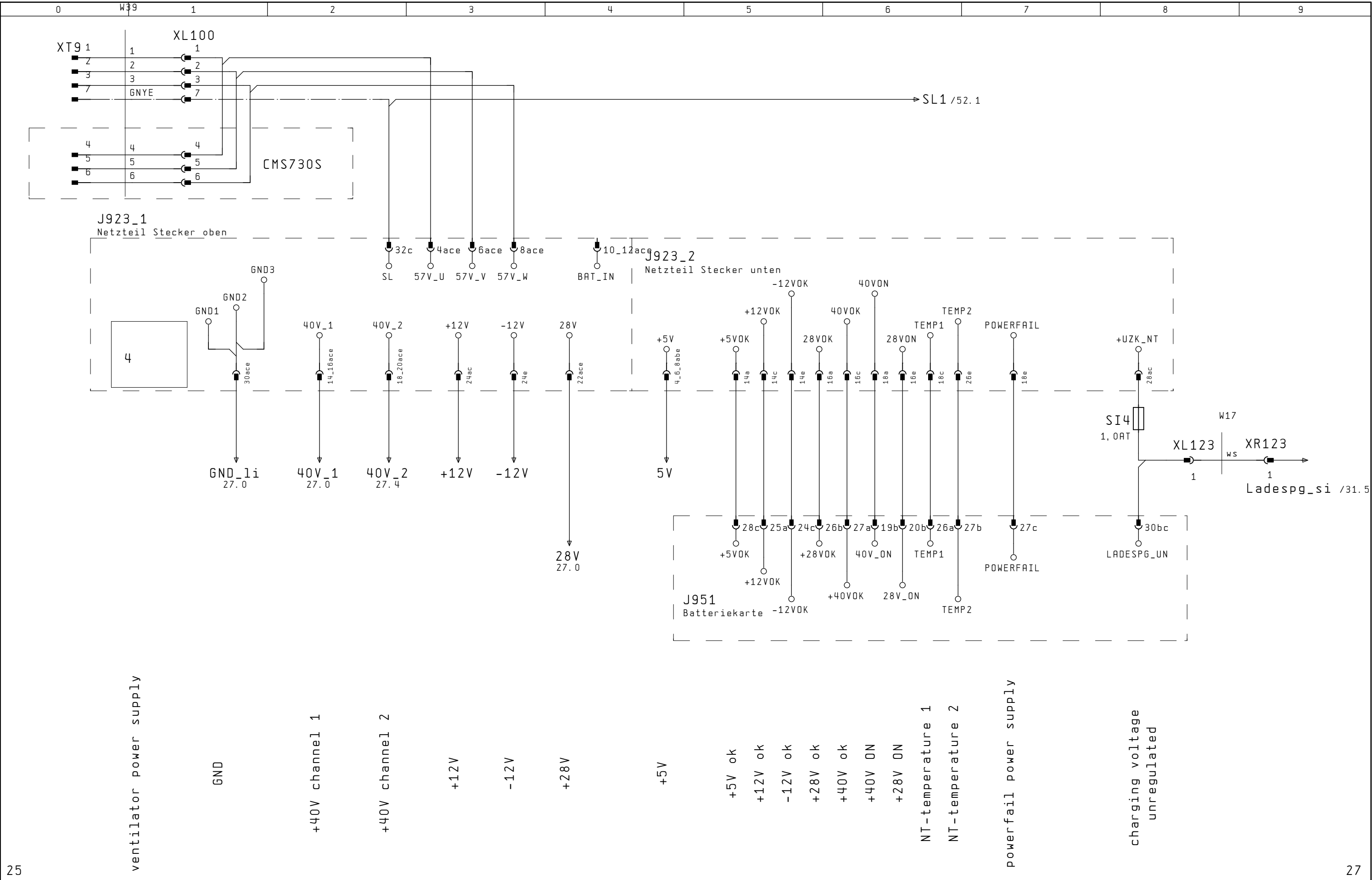
			Datum		circuit diagram 219	H. Stoll GmbH & Co. KG	connector definition connectors external	Id. Nr. 243991_02		=		
			Bearb.	KEH						+		
			Gepr.	17. Okt. 2007							B1.	23
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.				57 B1.	

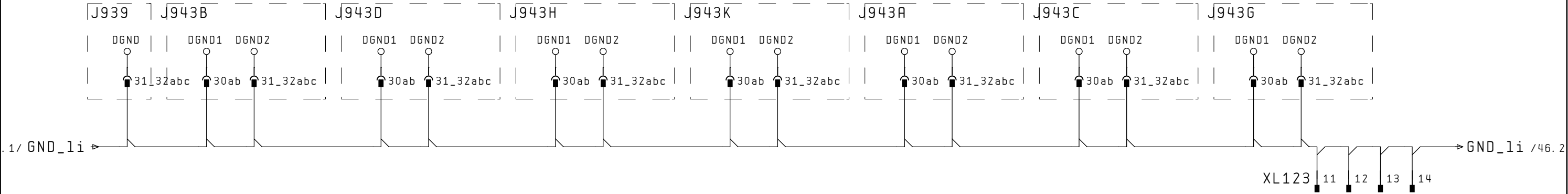
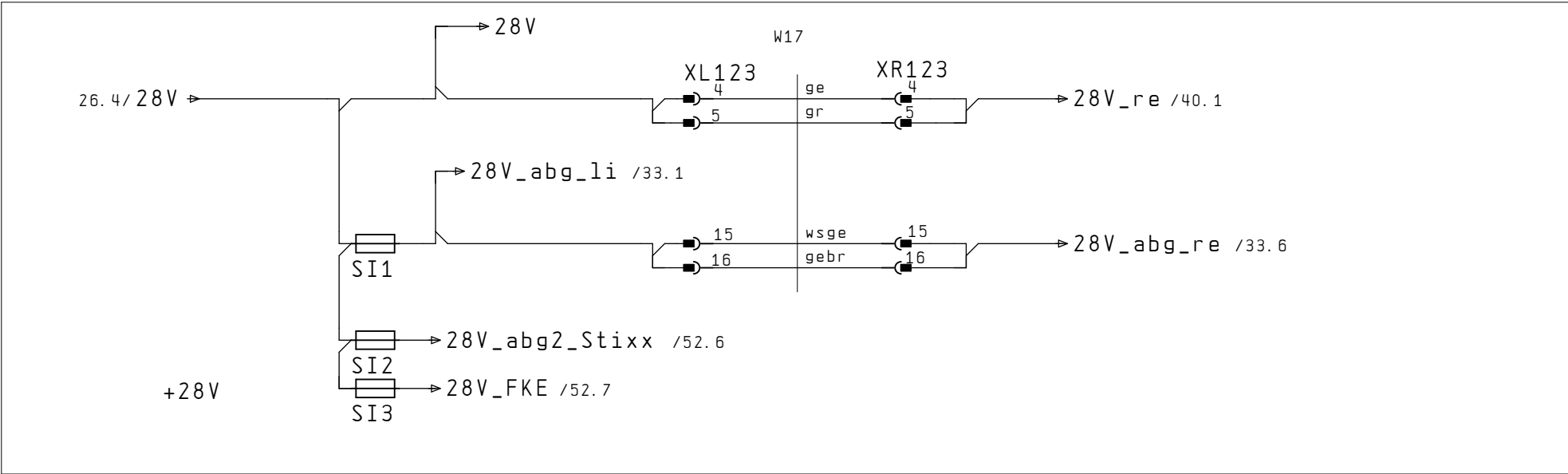
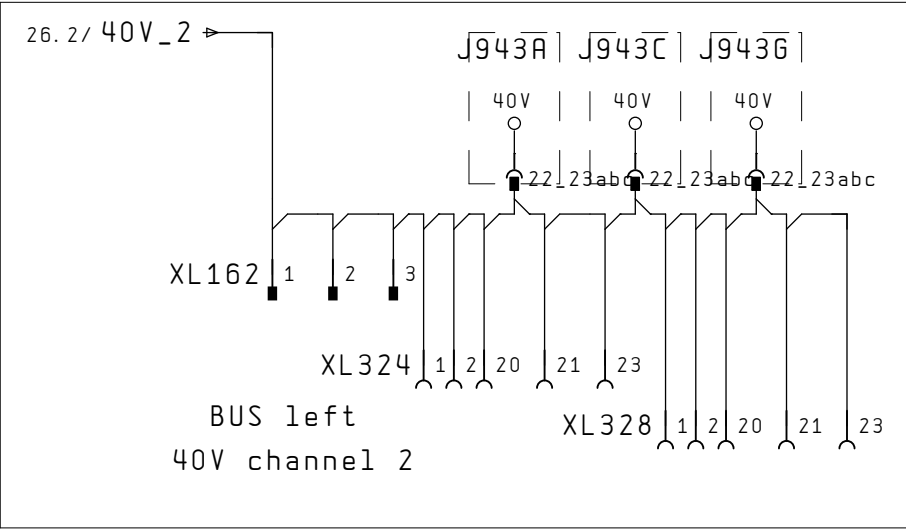
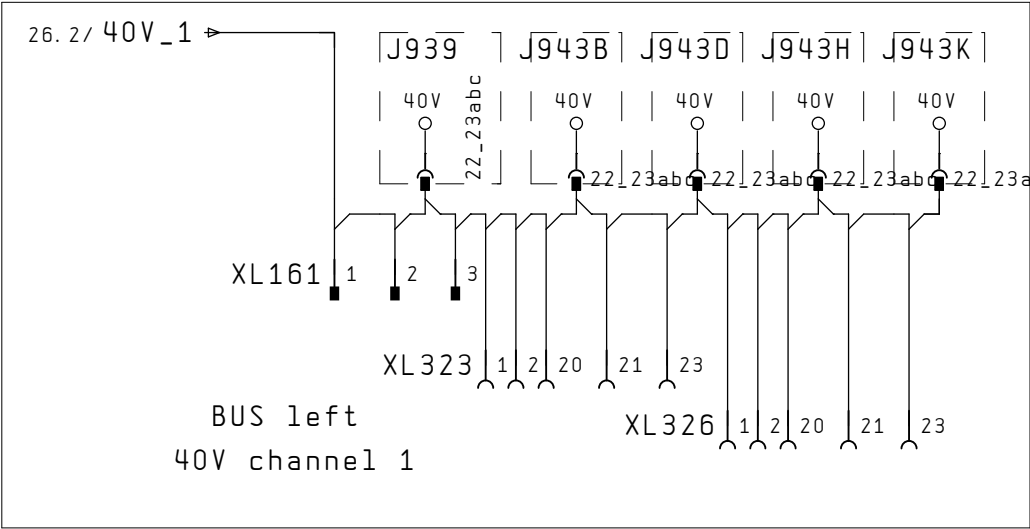


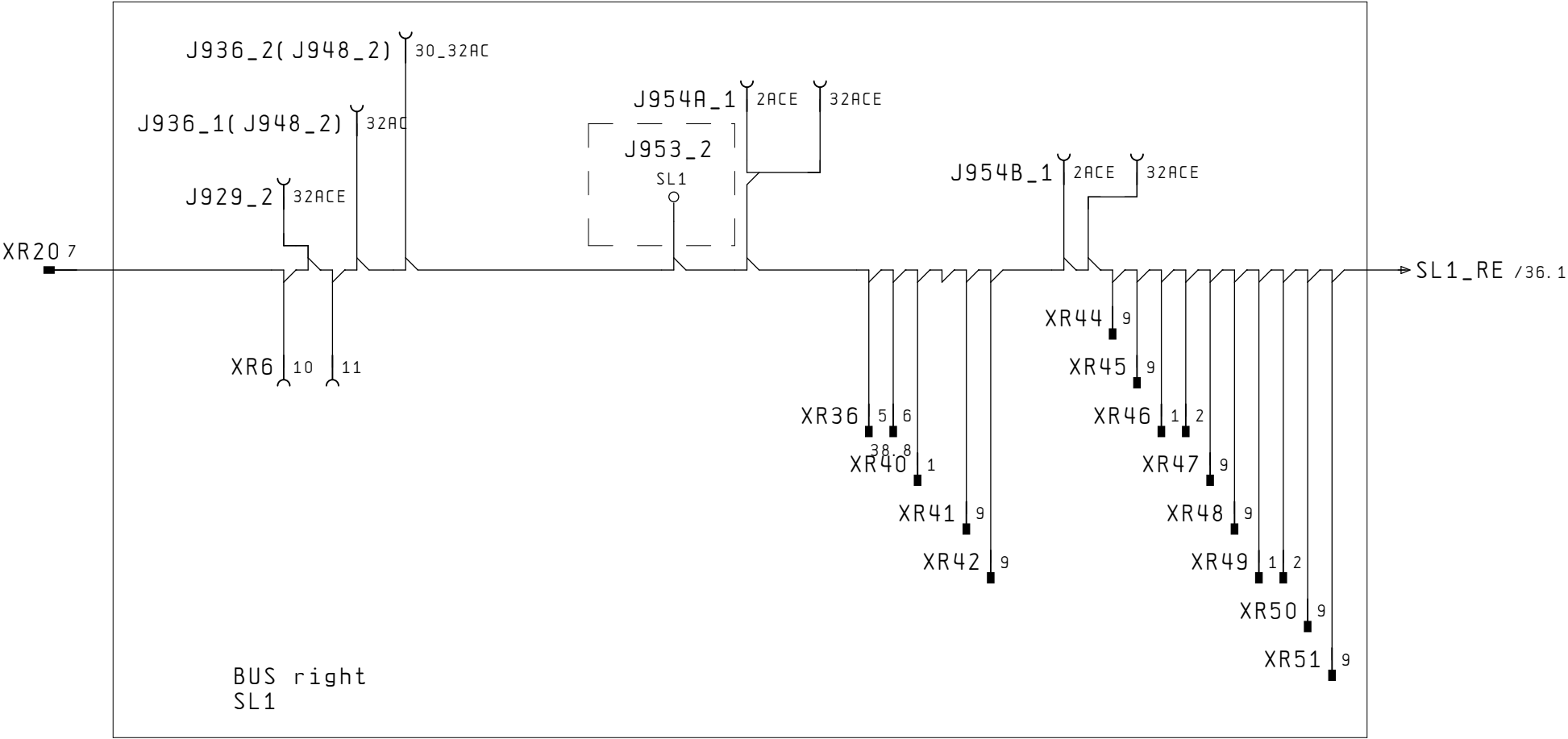
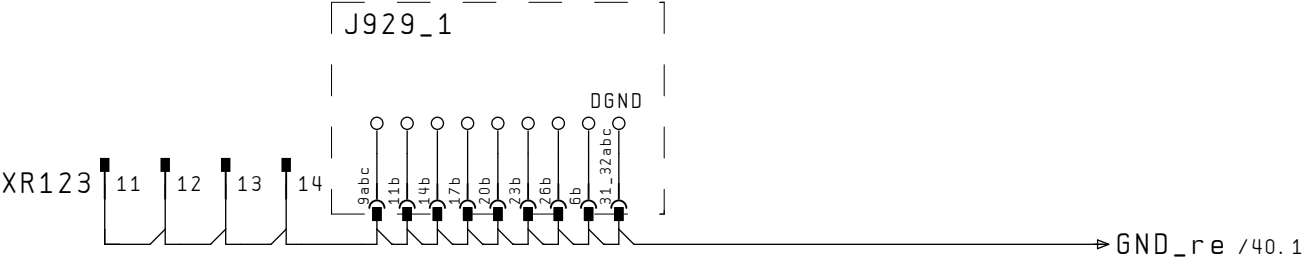
			Datum		circuit diagram 219	H. Stoll GmbH & Co. KG	supply	Id. Nr. 243991_02			
			Bearb.	KEH							
			Gepr.	17. Okt. 2007							
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			B1.	24
										57 B1.	

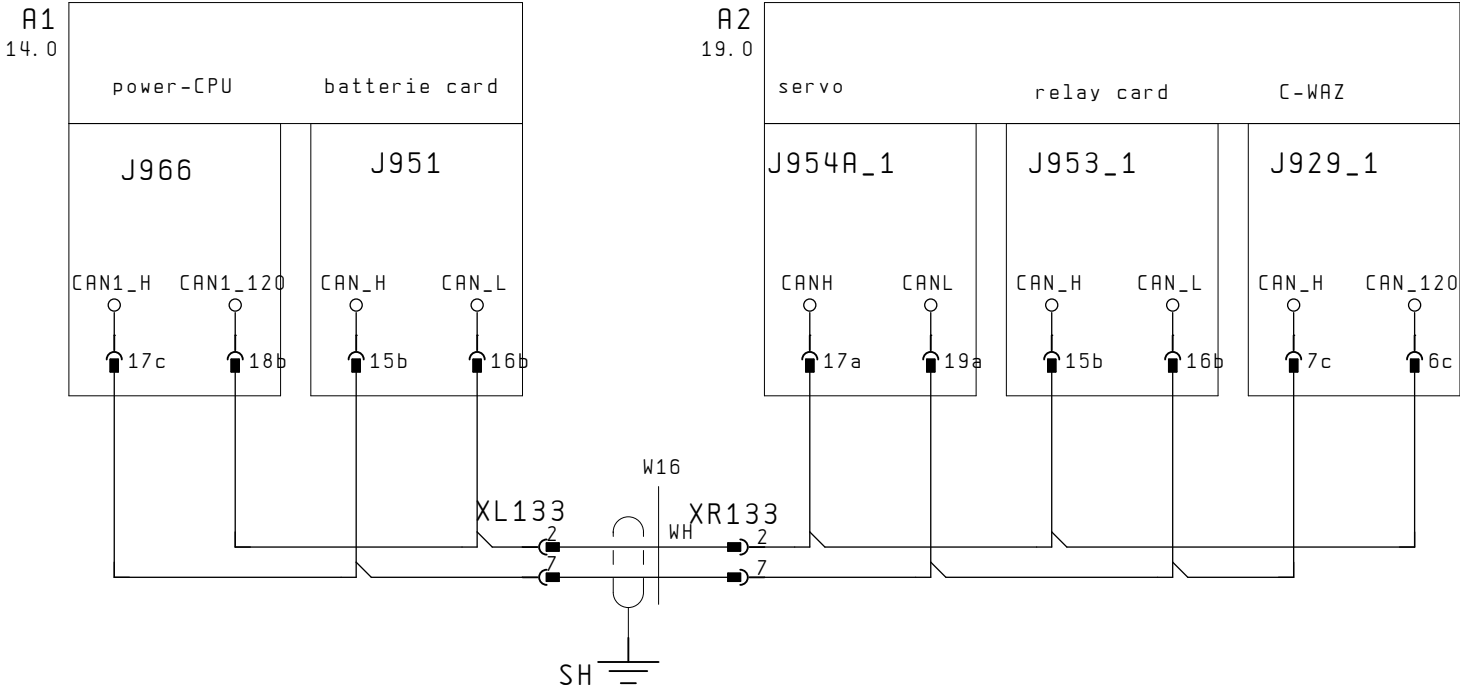


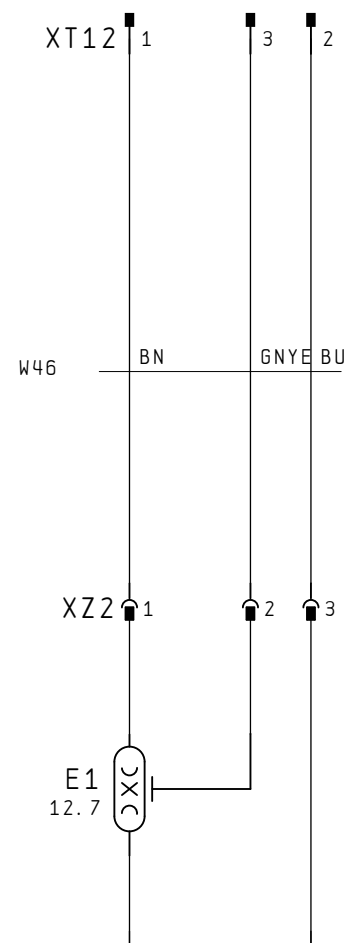
			Datum		circuit diagram 219	STOLL THE RIGHT WAY TO KNIT	H. Stoll GmbH & Co. KG	transformer	Id. Nr. 243991_02		
			Bearb.	KEH							
			Gepr.	17. Okt. 2007							
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			B1.	25
										57 B1.	



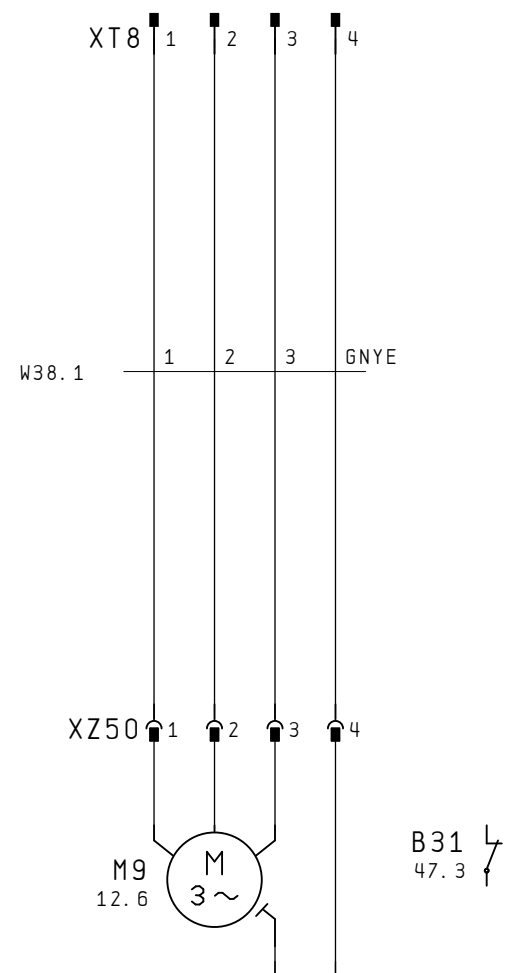






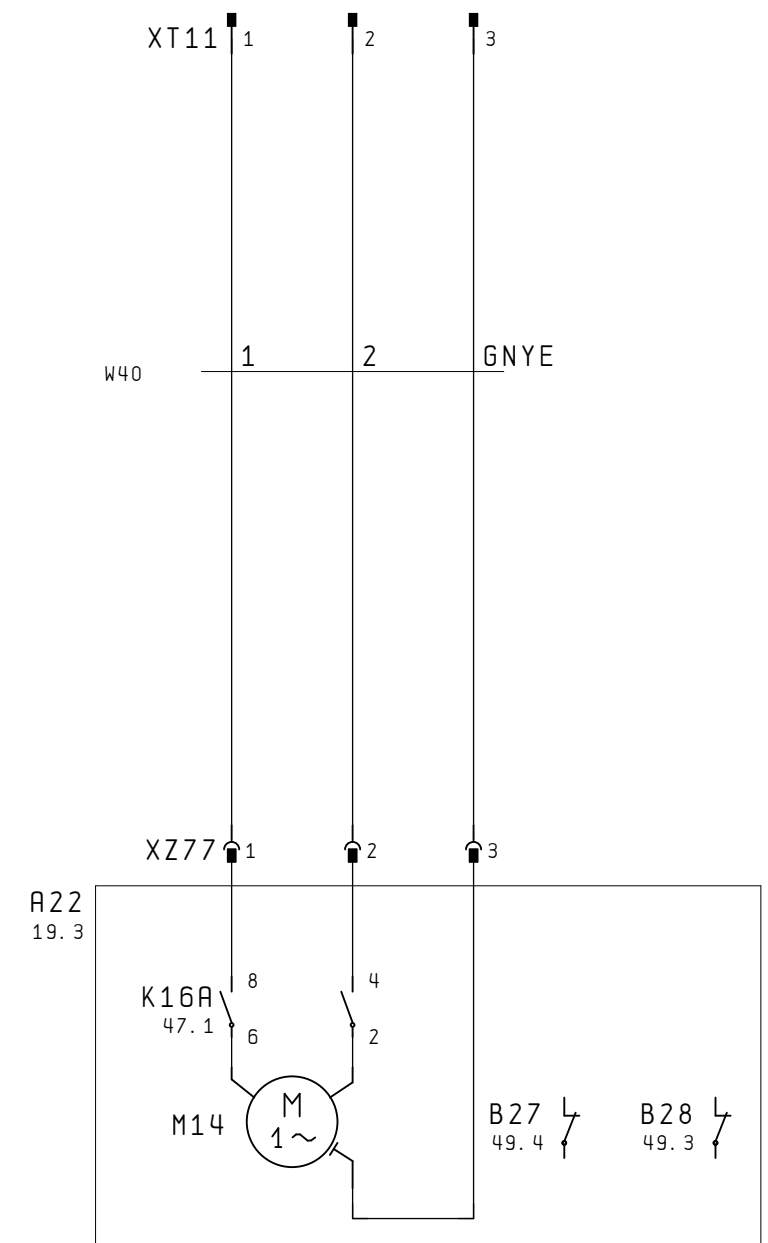


Lighting



FLENT

thermo switch FLENT

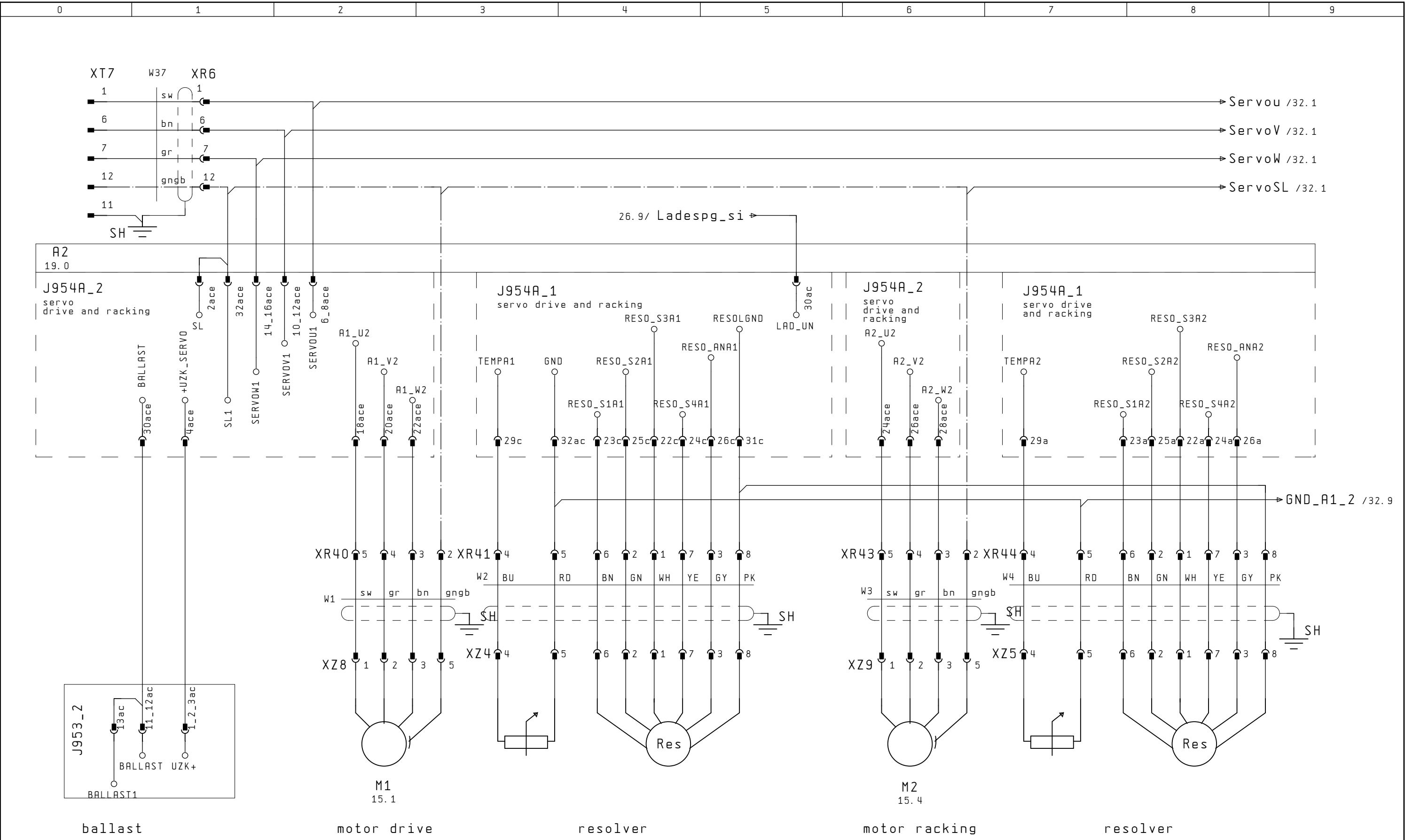


central lubrication

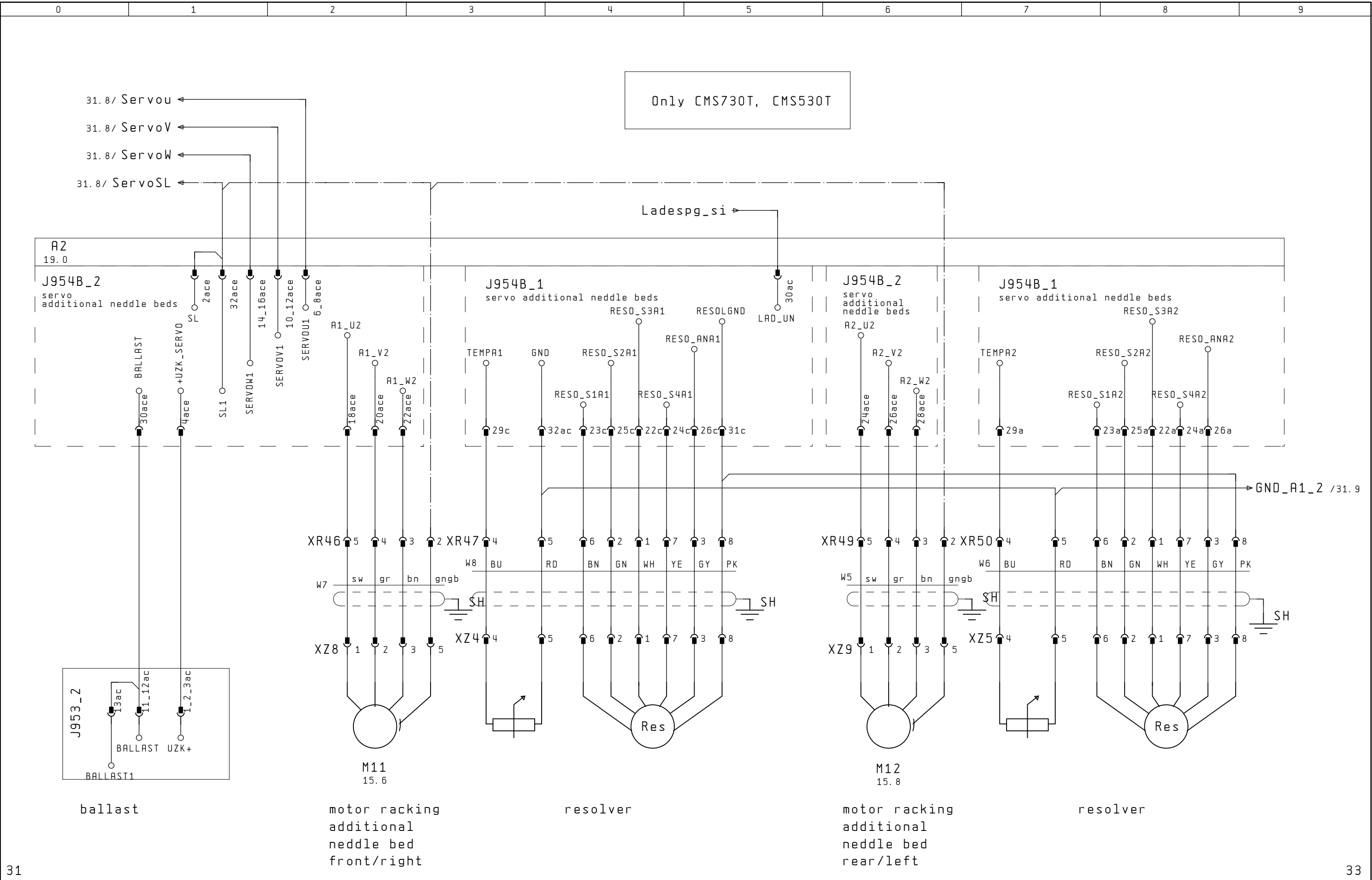
lubricate
pressure switch

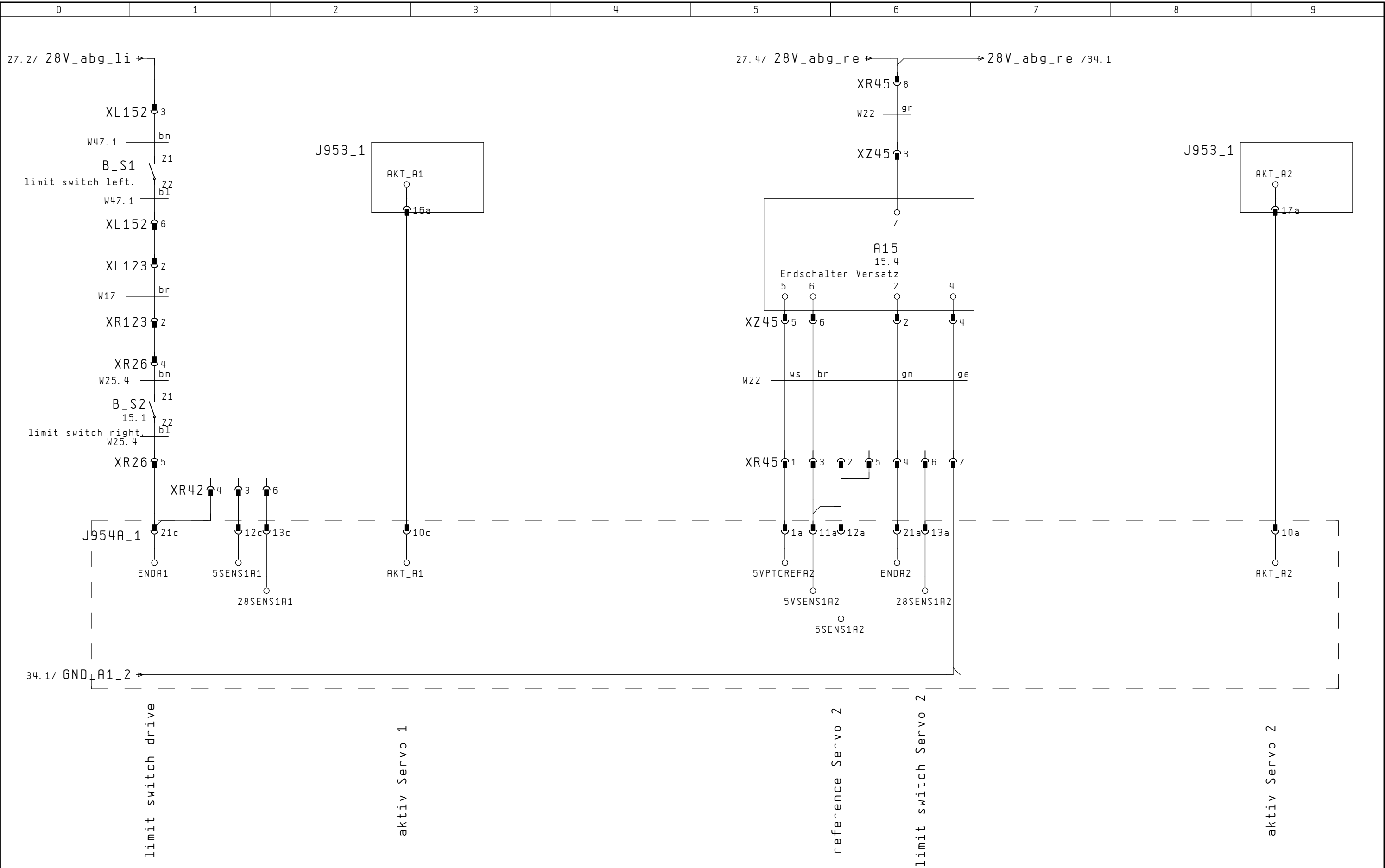
Lubricate level

			Datum		circuit diagram 219 STOLL THE RIGHT WAY TO KNIT		H. Stoll GmbH & Co. KG	lighting	Id. Nr. 243991_02		=		
			Bearb.	KEH					fluff			+	
			Gepr.	17. Okt. 2007					elemination central lubrication			B1.	30
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.				57 B1.		

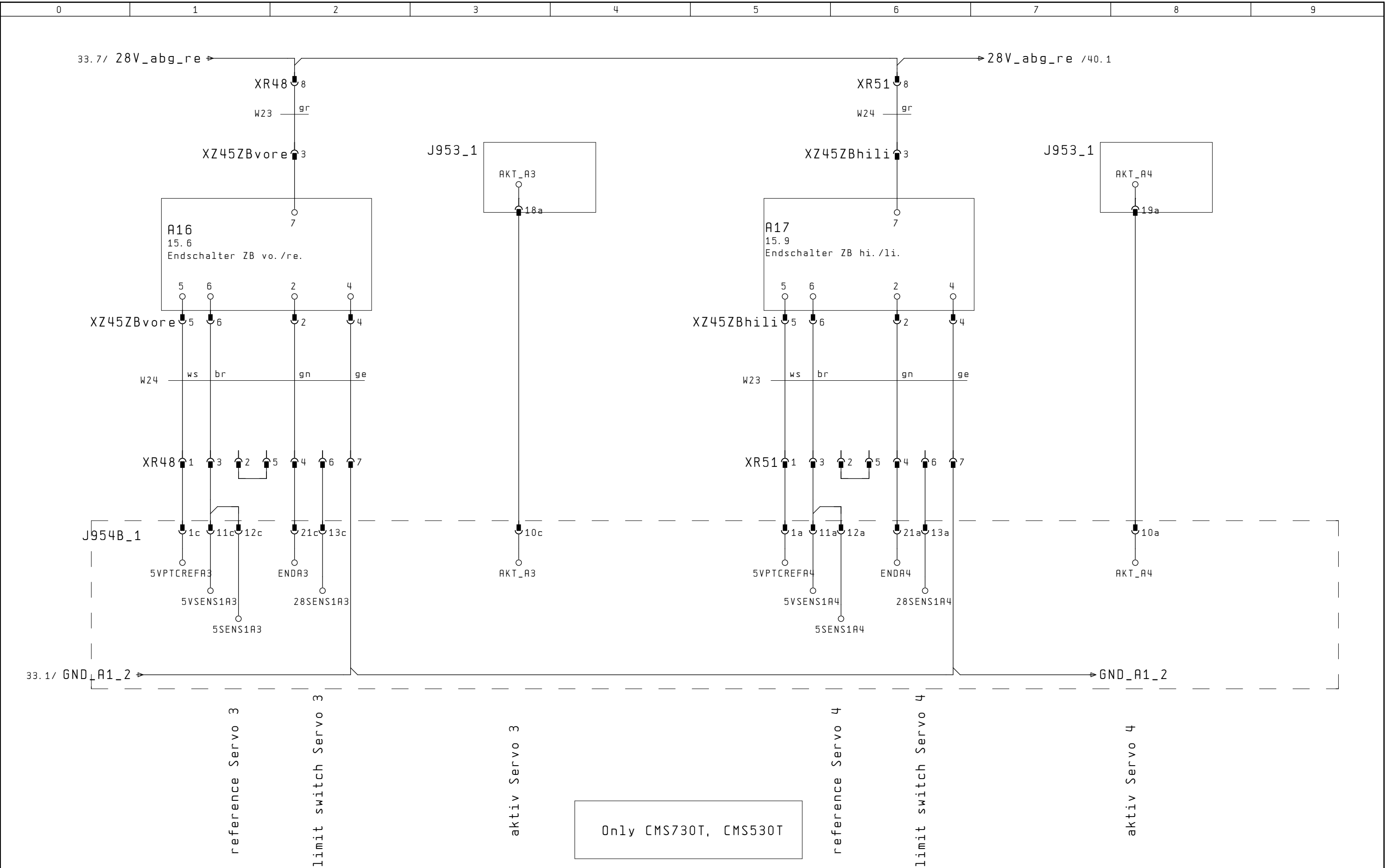


			Datum		circuit diagram 219	H. Stoll GmbH & Co. KG	servo drive and racking	Id. Nr. 243991_02		
			Bearb.	KEH						
			Gepr.	17. Okt. 2007						
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.		B1.	31
									57 B1.	





			Datum		circuit diagram 219	H. Stoll GmbH & Co. KG	inputs servo HA+V	Id. Nr. 243991_02		
			Bearb.	KEH						
			Gepr.	17. Okt. 2007						
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			B1. 33
									57 B1.	



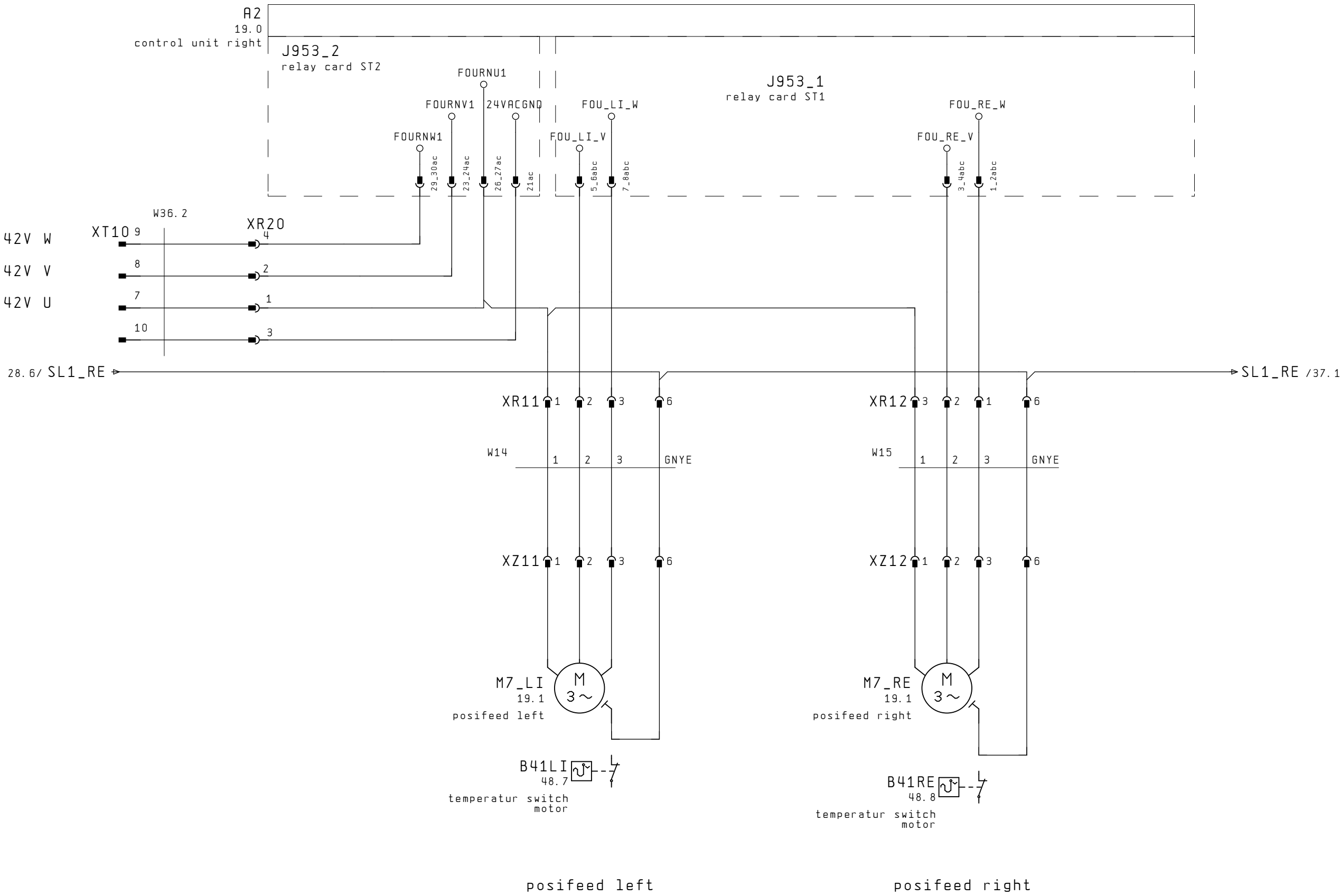
			Datum		circuit diagram 219	H. Stoll GmbH & Co. KG	inputs servos additional neddle beds	Id. Nr. 243991_02		
			Bearb.	KEH						
			Gepr.	17. Okt. 2007						
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.		B1.	34
									57 B1.	

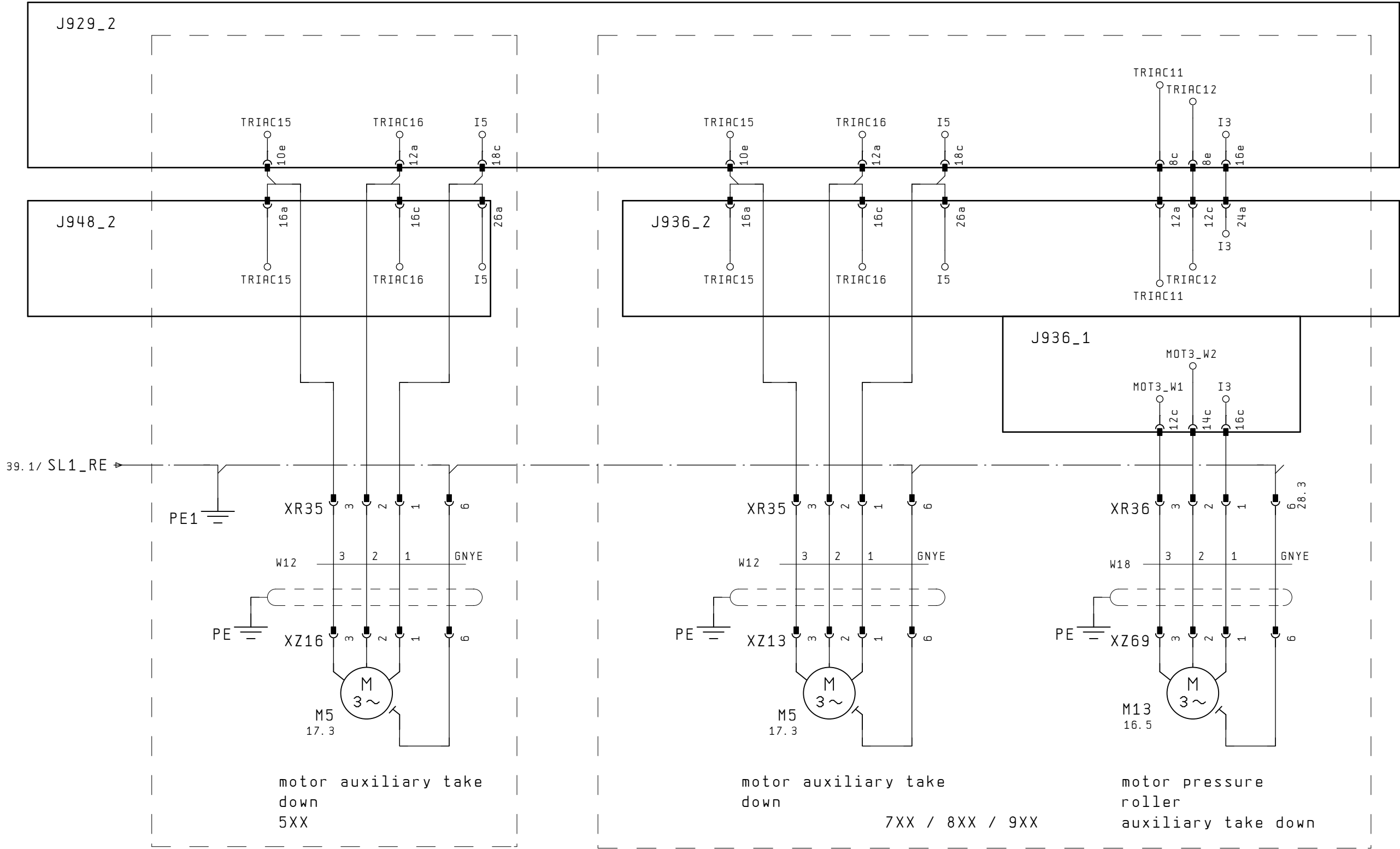
A2
19.0

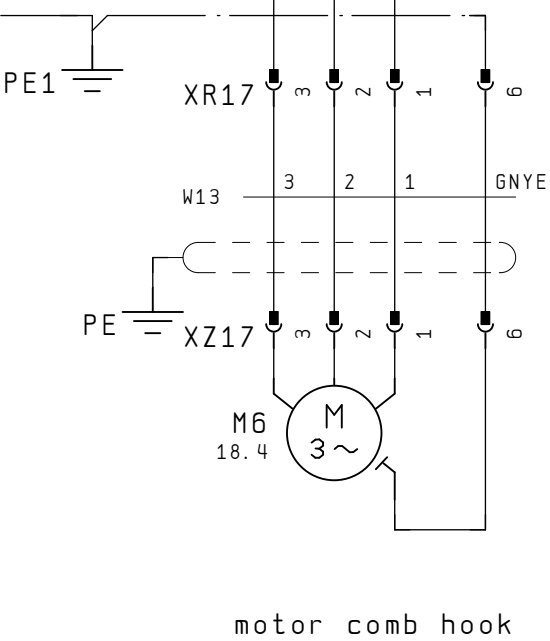
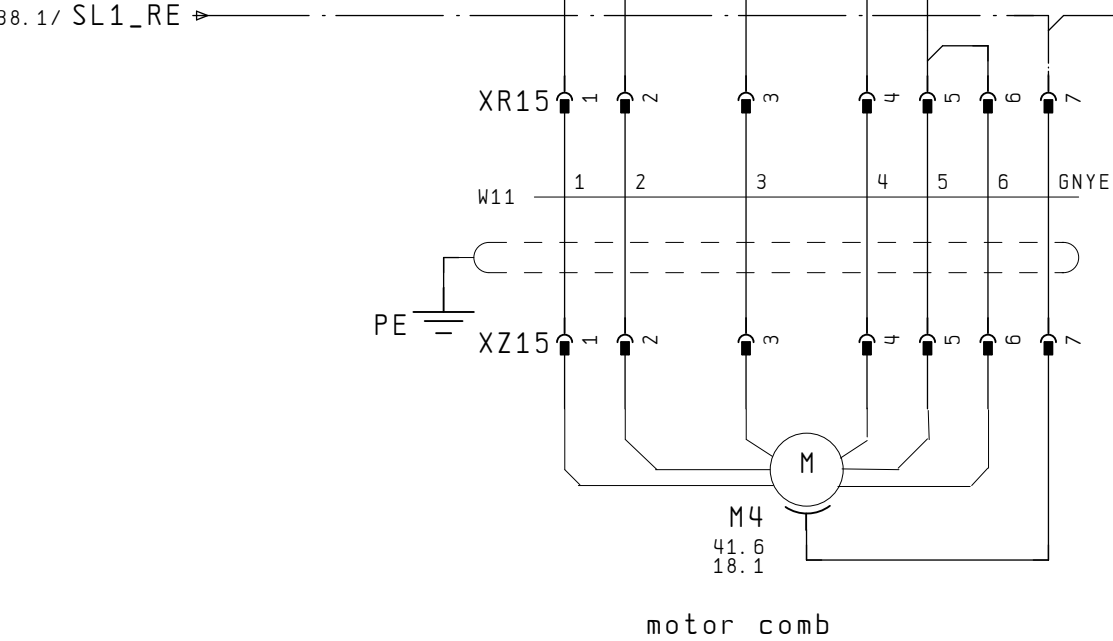
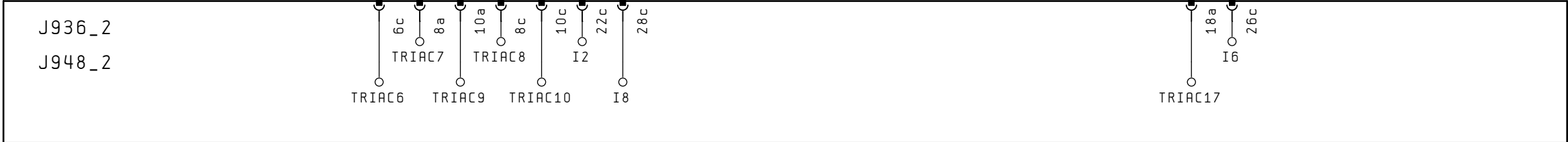


ventilator
motor
drive

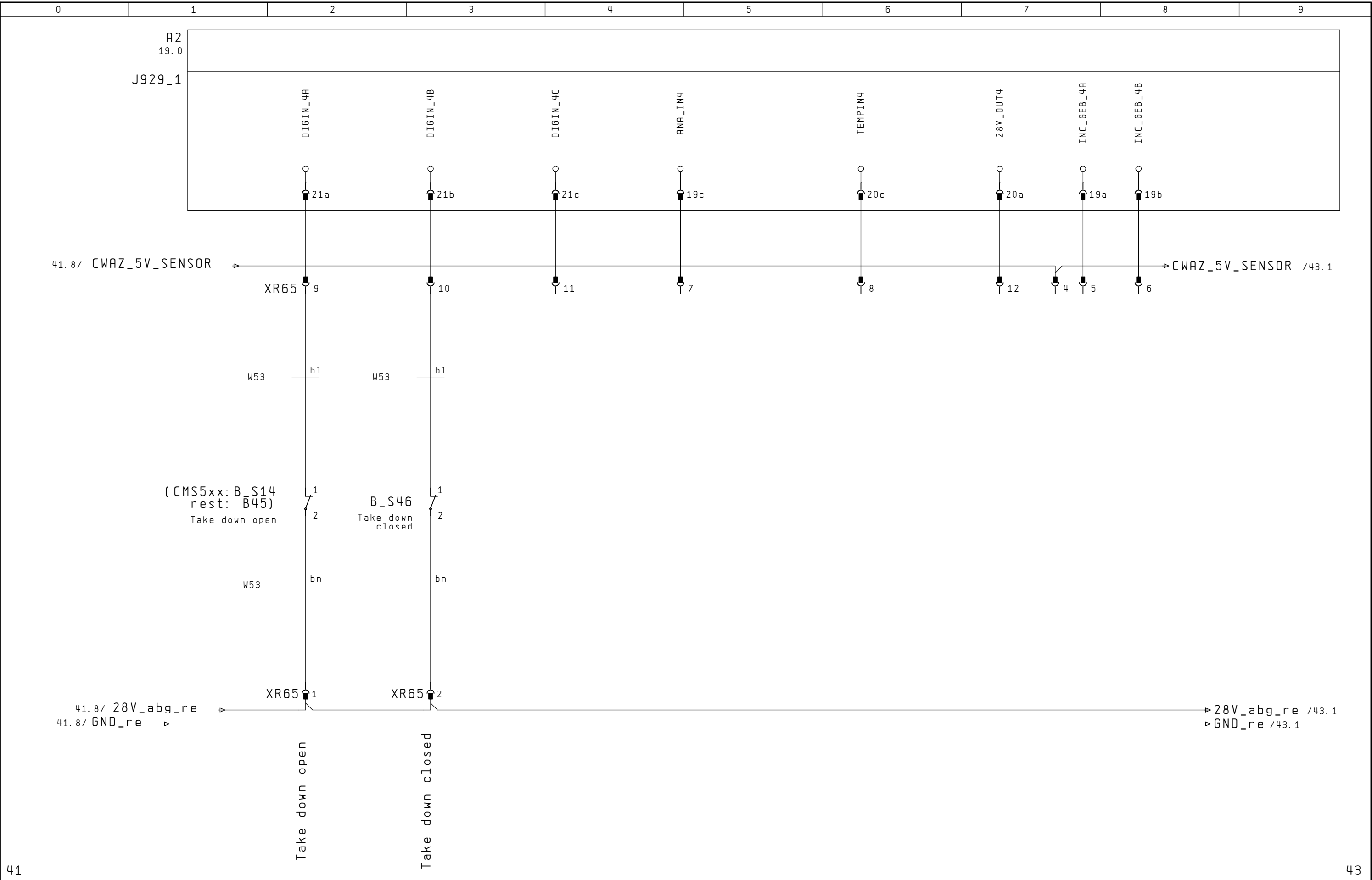
ventilator
control unit



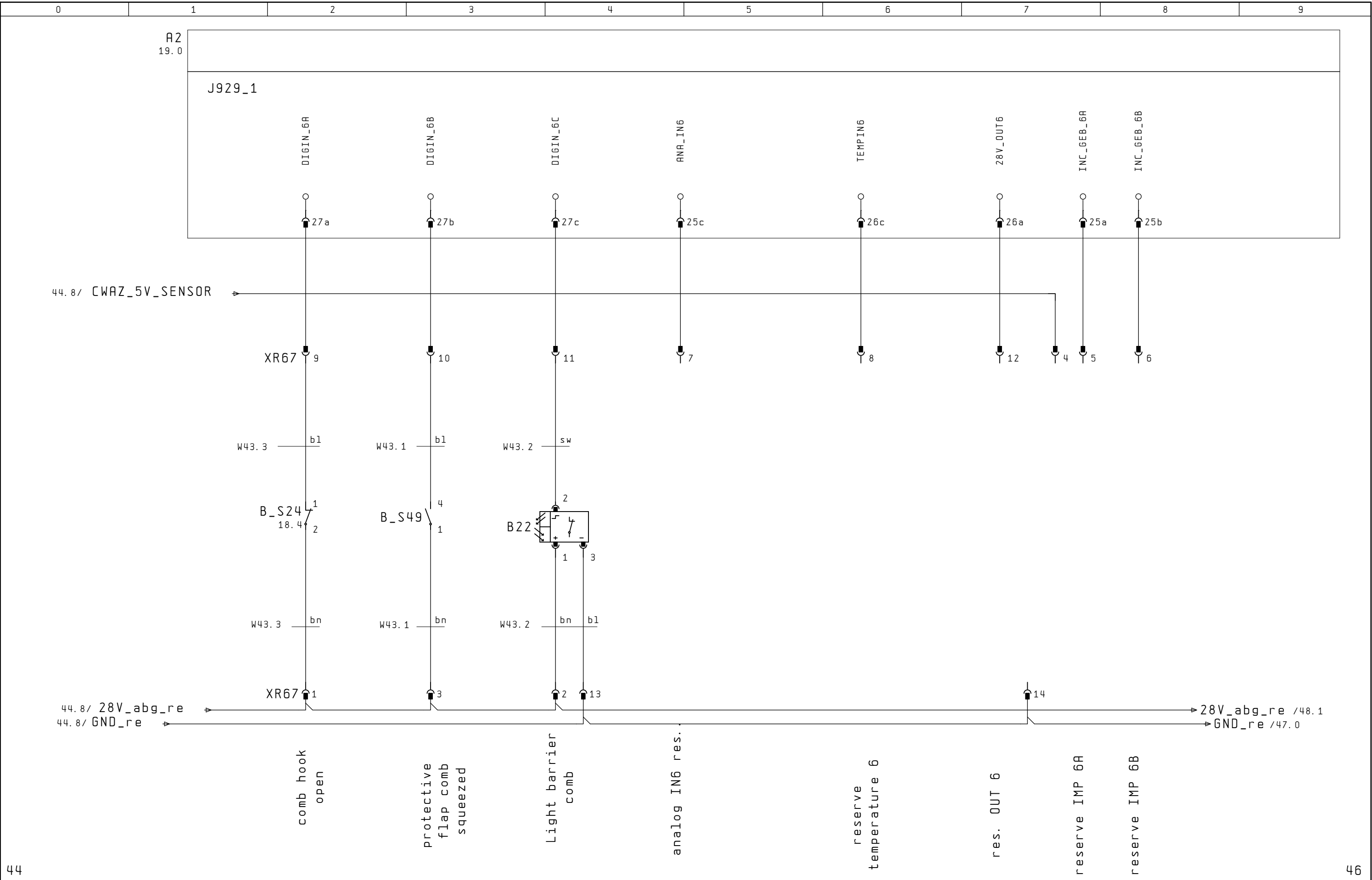


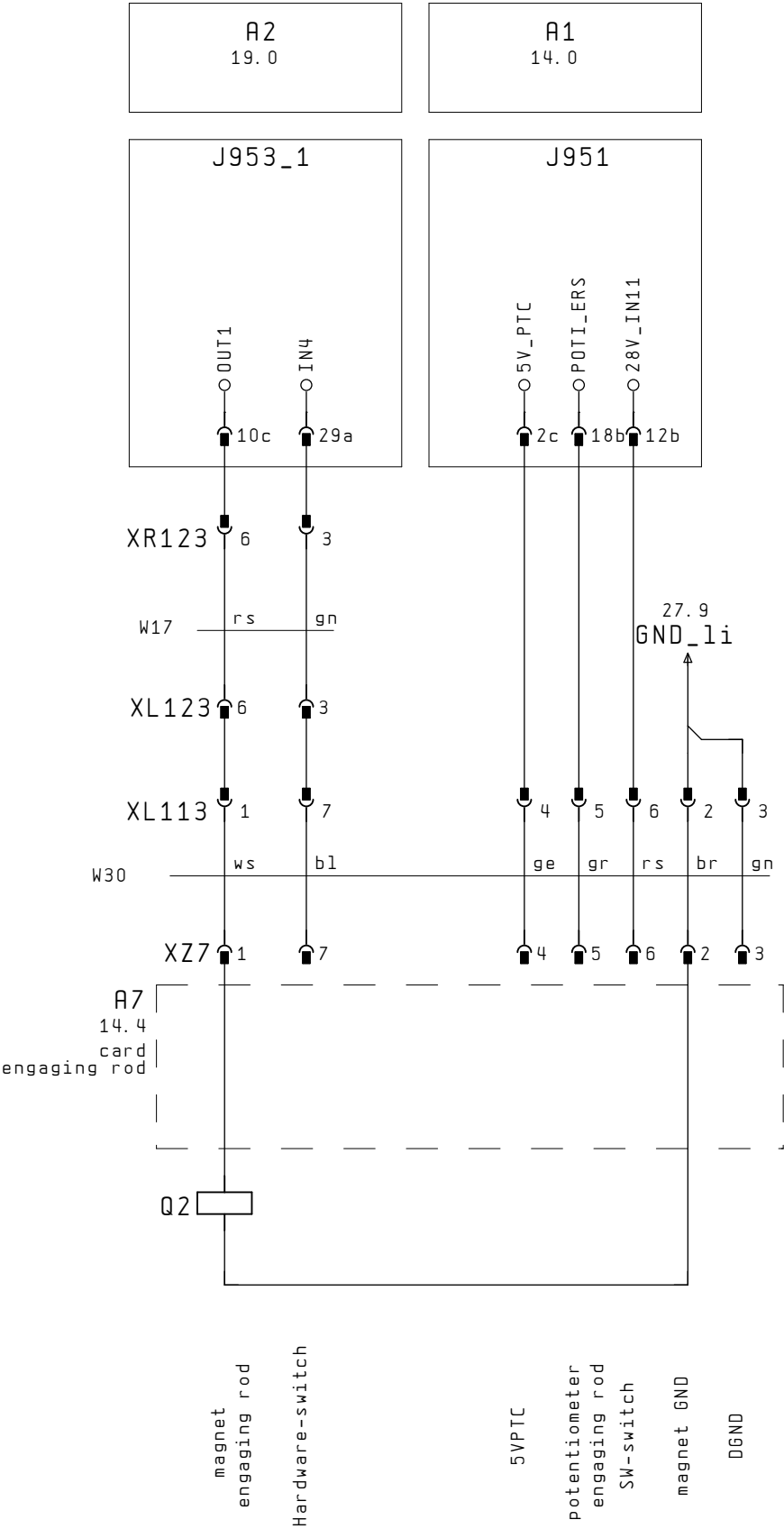


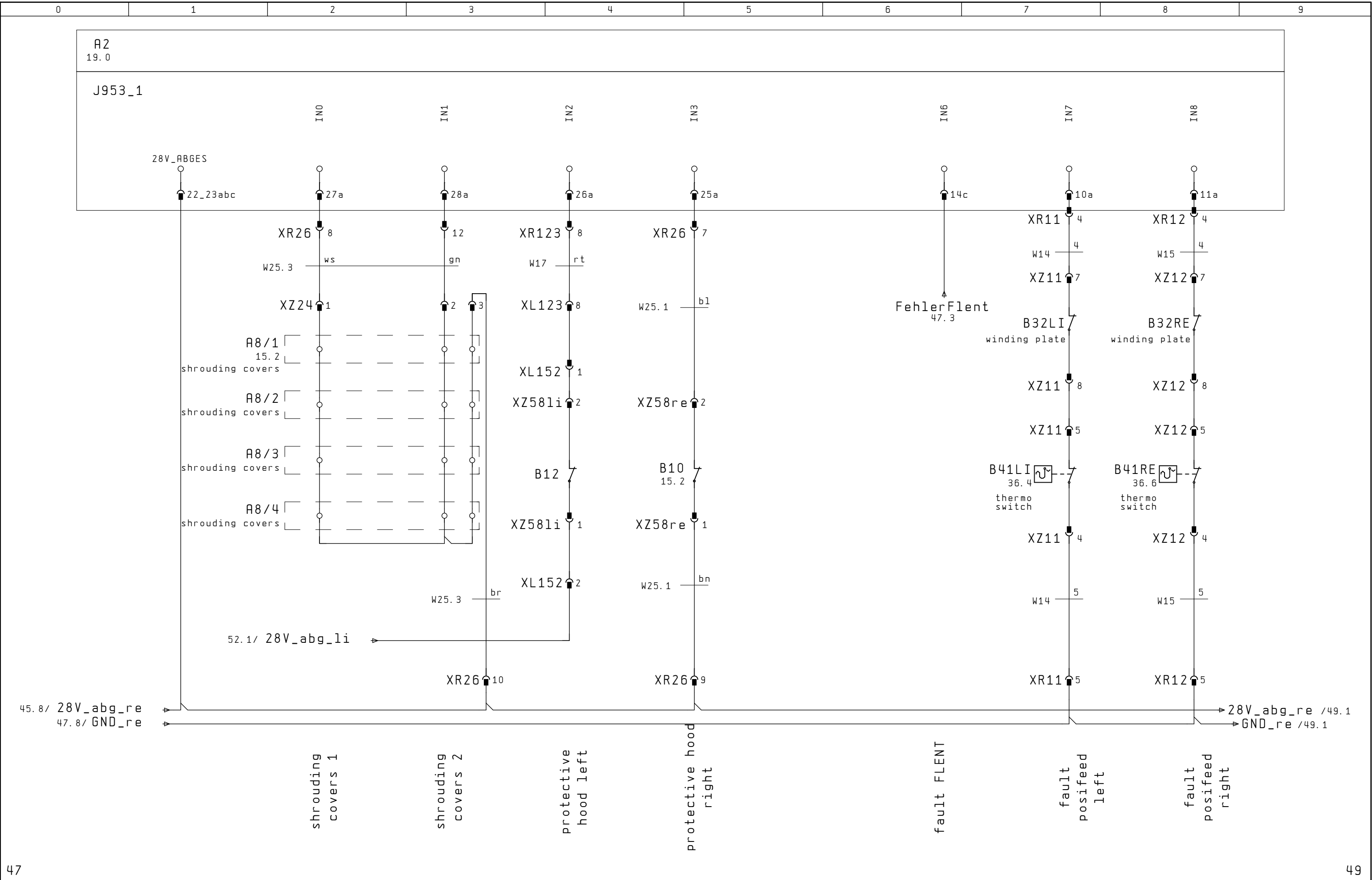
5XX / 7XX / 8XX

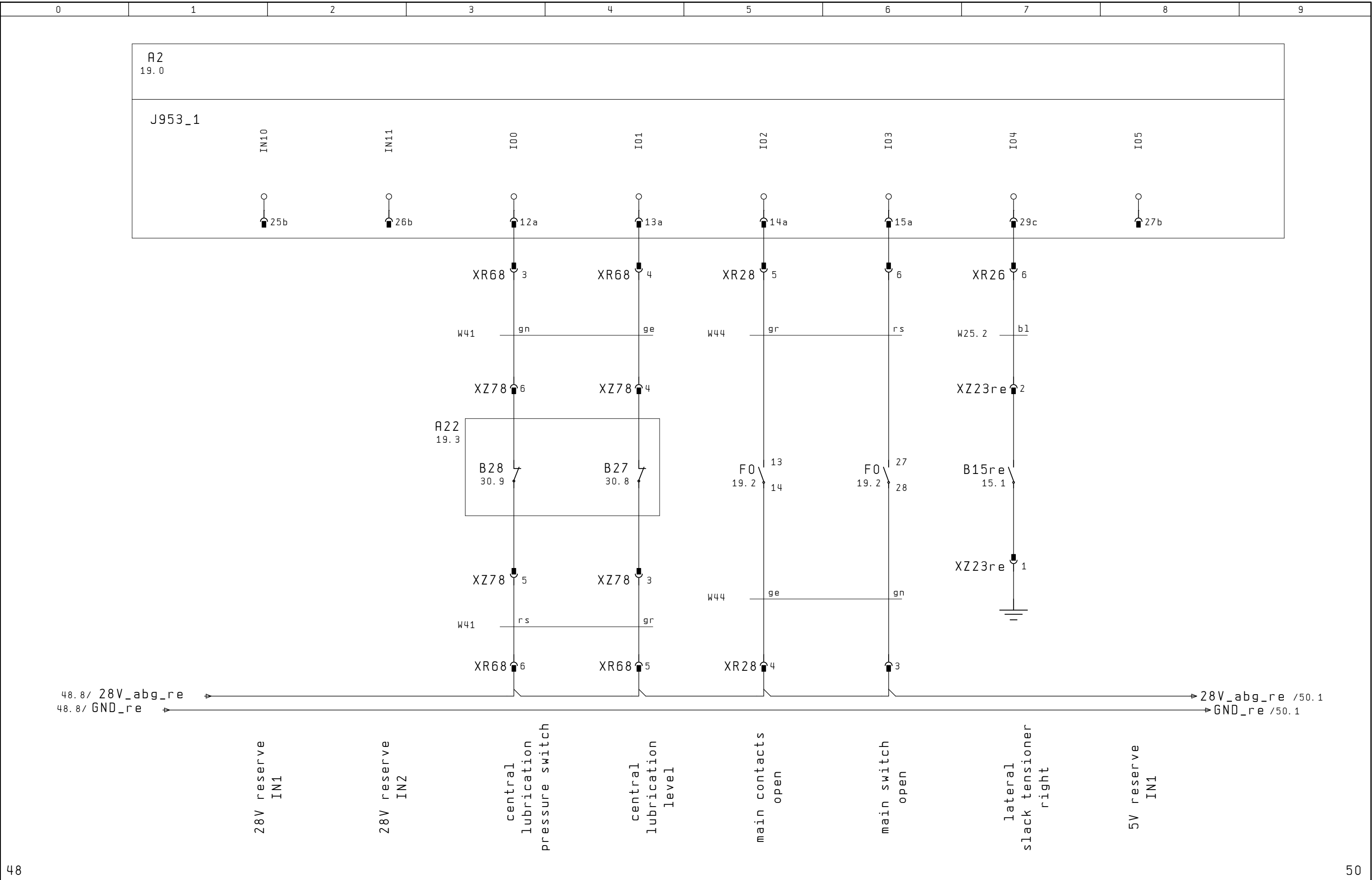


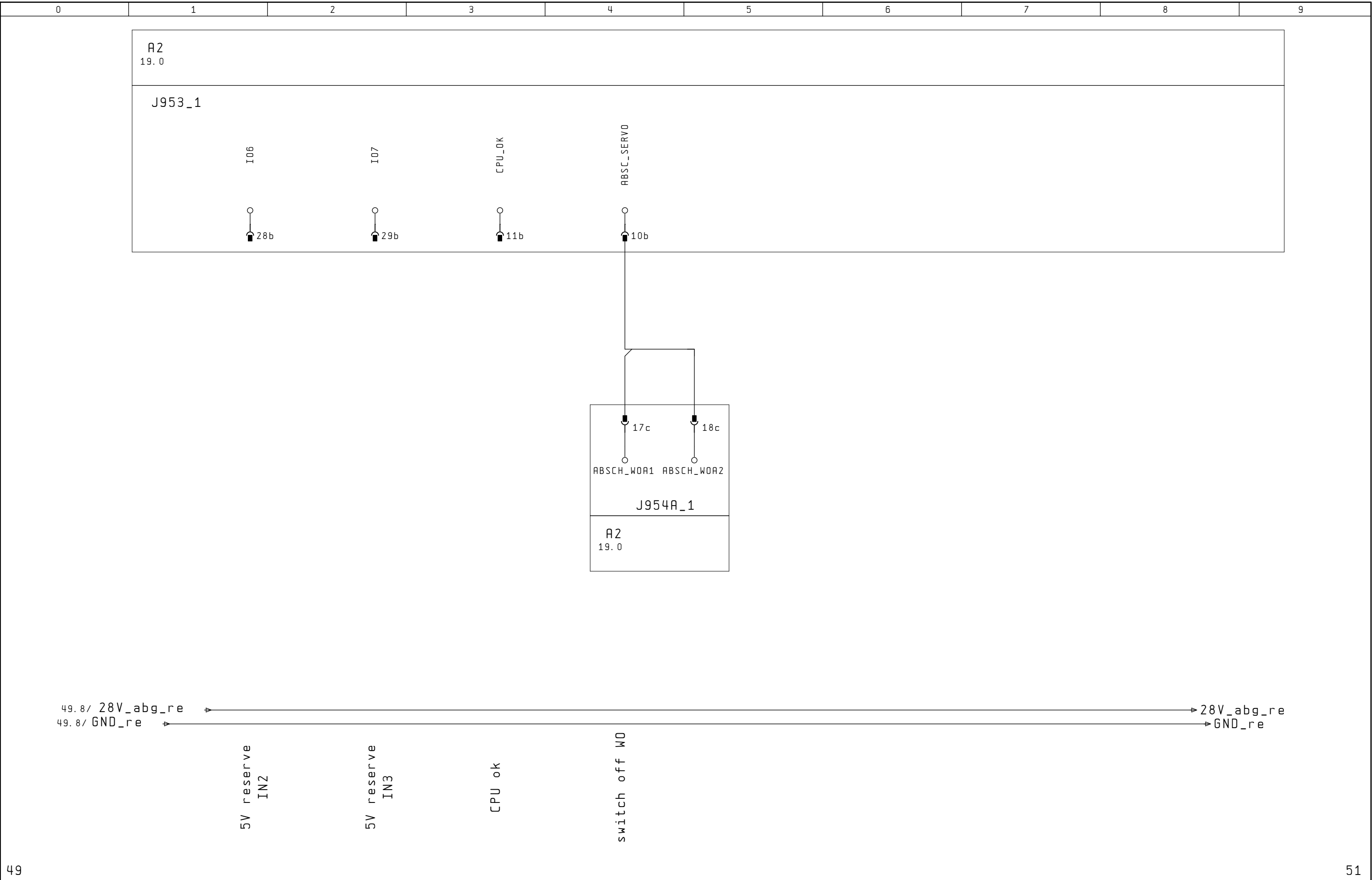












STOLL

THE RIGHT WAY TO KNIT

circuit diagram 219

H. Stoll
GmbH & Co. KG

Ers. d.

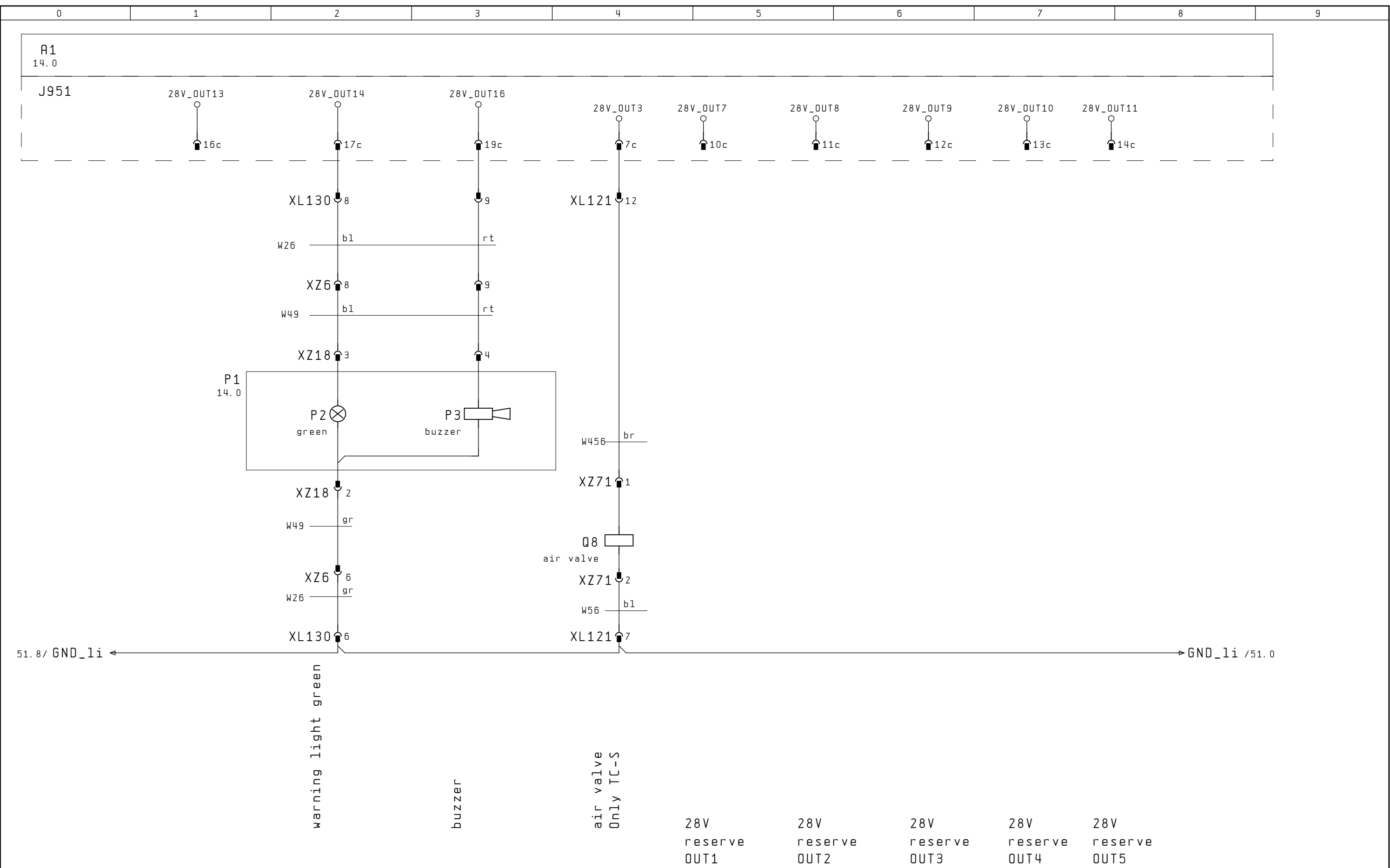
inputs relay card 3

Ers. f.

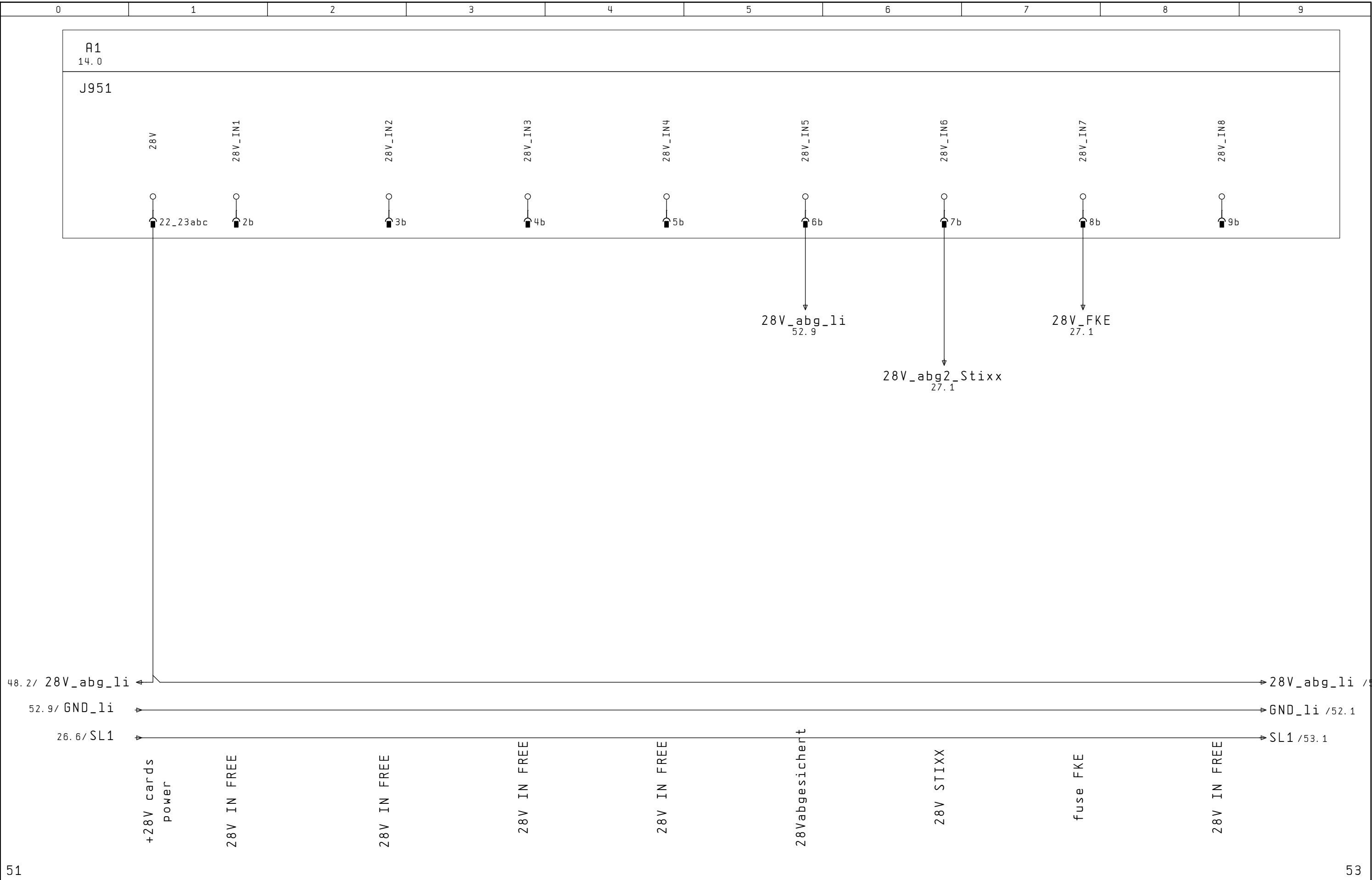
Id. Nr. 243991_02

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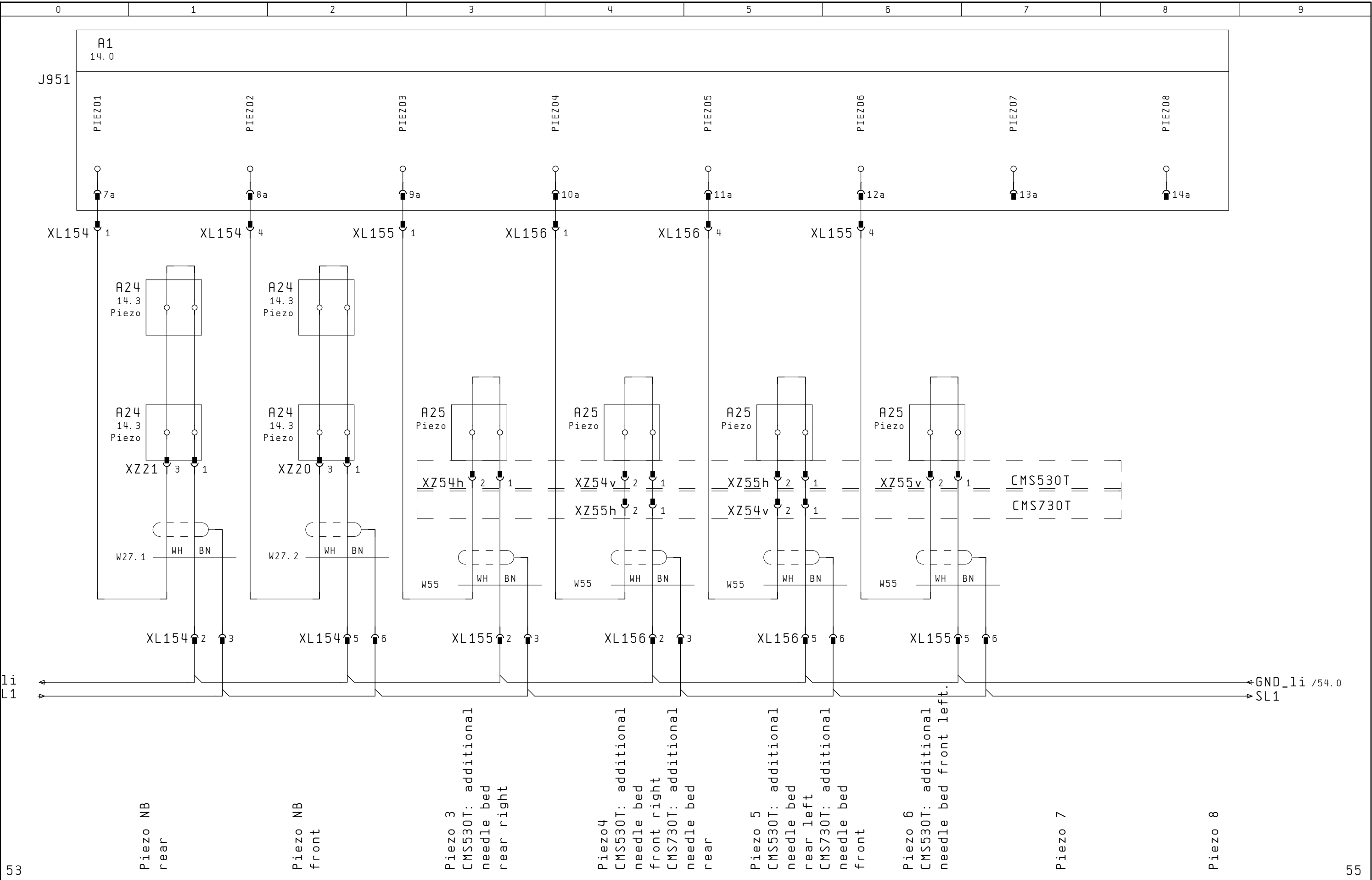
+



			Datum		circuit diagram 219		H. Stoll GmbH & Co. KG	outputs batterie card	Id. Nr. 243991_02		=	
			Bearb.	KEH							+	
			Gepr.	17. Okt. 2007								
Änderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			B1.	51	
										57 B1.		

51

53



53				55			
			Datum	circuit diagram 219		Id. Nr. 243991_02	
			Bearb. KEH				
			Gepr. 17. Okt. 2007				
Änderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.	B1. 54
				Ers. f.		Ers. d.	
						57 B1.	

