

Computer OKC3, Ident. No.: 257279.01

CMS	530T	730T	730S	830S	822	830C	933
Typ	587	588	625	633	623 632	631	771 773
Circuit diagram 221.01	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 F0 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

Inhaltsverzeichnis

Spalte X: eine automatisch erzeugte Seite wurde manuell nachbearbeitet

ESSJ010D

Seite	Seitenbenennung	Seitenzusatzfeld	Datum	Bearbeiter	X
1	Deckblatt		25.03.09	KEX	
2	Inhaltsverzeichnis		01.10.12	KEX	x
3	Inhaltsverzeichnis		01.10.12	KEX	
4	Kennzeichnung der Stecker, Aktoren und Sensoren		25.03.09	KEX	
5	Legende		25.03.09	KEX	
6	Legende		25.03.09	KEX	
7	Legende		25.03.09	KEX	
8	Legende		25.03.09	KEX	
9	Legende		25.03.09	KEX	
10	Legende		25.03.09	KEX	
11	Legende		25.03.09	KEX	
12	Blockschaltbild Trafo		28.09.12	KEH	
13	Blockschaltbild Steuergerät li.		25.03.09	KEH	
14	Blockschaltbild Steuergerät li.		25.03.09	KEH	
15	Blockschaltbild Steuergerät re Servo Antrieb und Versatz		25.03.09	KEH	
16	Blockschaltbild Steuergerät re Hauptabzug		25.03.09	KEH	
17	Blockschaltbild Steuergerät re Hilfsabzug		25.03.09	KEX	
18	Blockschaltbild Steuergerät re Kamm		25.03.09	KEX	
19	Blockschaltbild Steuergerät re		25.03.09	KEH	
20	Steckerdefinitionen Verdrahtungssystem links		25.03.09	KEH	
21	Steckerdefinitionen Verdrahtungssystem rechts		25.03.09	KEH	
22	Steckerdefinitionen Steckverbindungen extern		28.09.12	KEH	
23	Einspeisung		28.09.12	KEH	
24	Transformator		28.09.12	KEH	
25	Netzteil		25.03.09	KEH	
26	Spannungsverteilung Verdrahtungssystem links		25.03.09	KEH	
27	Spannungsverteilung Verdrahtungssystem rechts		25.03.09	KEH	
28	CAN-BUS		25.03.09	KEH	
29	Beleuchtung Flusenentsorgung Zentralschmierung		28.09.12	KEH	
30	Servo Antrieb und Versatz		25.03.09	KEH	

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Spalte X: eine automatisch erzeugte Seite wurde manuell nachbearbeitet

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Seite	Seitenbenennung	Seitenzusatzfeld	Datum	Bearbeiter	X
31	Servo Zusatzbetten		25.03.09	KEH	
32	Eingänge Servo HA+V		25.03.09	KEH	
33	Eingänge Servos Zusatzbetten		25.03.09	KEH	
34	Ausgänge Servo HA+V		25.03.09	KEH	
35	Friktionsfournisseure		25.03.09	KEH	
36	Hauptabzug		25.03.09	KEH	
37	Hilfsabzug		25.03.09	KEX	
38	Kamm		25.03.09	KEX	
39	Signale Abzug XR62		25.03.09	KEH	
40	Signale Kamm XR63 5XX / 7XX / 8XX		25.03.09	KEH	
41	Signal Hilfsabzug offen XR64		25.03.09	KEH	
42	Signal Abzug offen XR65		25.03.09	KEH	
43	Signale Hilfsabzug XR66 5XX		25.03.09	KEH	
44	Signale Hilfsabzug XR66 7XX / 8XX		25.03.09	KEX	
45	Signale Kammhaken XR67 5XX / 7XX / 8XX		25.03.09	KEH	
46	Einrücken		25.03.09	KEH	
47	Ausgänge Relaiskarte		28.09.12	KEH	
48	Eingänge Relaiskarte 1		28.09.12	KEH	
49	Eingänge Relaiskarte 2		25.03.09	KEH	
50	Eingänge Relaiskarte 3		25.03.09	KEH	
51	Ausgänge Batteriekarte		26.03.09	KEH	
52	Eingänge Batteriekarte		25.03.09	KEH	
53	Fadenspanner		25.03.09	KEH	
54	Eingänge Batteriekarte Schocksensoren		25.03.09	KEH	
55	Klemmen/Schneiden links		25.03.09	KEH	
56	Klemmen/Schneiden rechts		25.03.09	KEH	
57	Fadenleitsystem CMS730S/830S		25.03.09	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

Circuit diagram 221

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STOLL
KNIT AHEAD

Computer OKC3, Ident. No.: 257279.01

Identifier EN 61346-2	Old Identifier	Designation	Value/funktion	Ident No. CMS 530T	Ident No. CMS 730T	Ident No. CMS 730S	Ident No. CMS 830S	Ident No. CMS 822 830C	Ident No. CMS 933
A1	A1	Control unit on the left co.		255957	255957	255963	255963	254866 (822) 255954 (830C)	254860 (933)
A2	A2	Control unit on the left co.		241 310	262990	238 738	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	214 257	----	----
A19	A19	Clamping/cutting on the right		214 257	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
A23re	A23re	Length measuring device	optional	257282	257282	257282	257282	257282	257282
A23li	A23li	Length measuring device	optional	257283	257283	257283	257283	257283	257283
A24	A24	Shock stop motion (Piezo)		220 011	220 011	255315	255315	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 lrigt.		241346	241346	241346	241346	241346	241346
B S1	S 1	Limit switch drive on the left		223 333	223 333	223 333	223 333		
B S2	S 2	Limit switch drive ont the right		223 333	223 333	223 333	223 333		
B 4.1	S 4.1	Limit switch racking	in group A15	x	x	x	x		
B 4.2	S 4.2	Limit switch racking front / right additional bed.	in group A16b	x	----	----	----		
B 4.3	S 4.3	Limit switch racking rear / left additional bed	in group A17	x	----	----	----		
B 5.1	S 5.1	Switch Shrouding cover	in group A8	x	x	x	x		
B 5.2	S 5.2	Switch Shrouding cover	in group A8	x	x	x	x		
B 6.1	S 6.1	Switch Shrouding cover	in group A8	x	x	x	x		
B 6.2	S 6.2	Switch Shrouding cover	in group A8	x	x	x	x		

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B10	S 10	Switch Protective hood on the right		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		
B S13	S 13	Switch fabric sensor 1		----	x	----	----		
B S14	S 14	Switch take-down closed		----	----	-----	----		
B15li	S 15 li	Slack tensioner on the left	in group A26	x	x	x	x		
B15re	S 15 re	Slack tensioner on the right	in group A27	x	x	x	x		
B S16	S 16	Microswitch Winding plate		026 259	026 259	026 259	026 259		
B S16a	S 16a	Microswitch front winding plate		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		231516	231516	231516	----		
B21	S 21	Comb reference bottom		231520	231520	231520	----		
B22	S 22	Comb Light barrier		243 355	243 355	243 355	----		
B S23	S 23	Switch Cover plate Comb		026 259	026 259	026 259	----		
B S24	S 24	Switch comb hook		026 259	026 259	026 259	----		
B 27	S 27	Float switch central lubrication	in group A22	x	x	x	x		
B 28	S 28	Oil pressure switch central lubrication	in group A22	x	x	x	x		
B S30	S 30	Switch auxiliary take-down open		026 259	026 259	026 259	----		
B31	S 31	Thermoswitch fluff absorption turbine	in M 9	x	x	x	x		
B32	S 32	Switch winding plate feed wheel		008 529	008 529	008 529	008 529		
B33.1	S33.1	Magnet switch shrouding covers in the middle	in group A14	x	x	x	x		
B33.2	S33.2	Magnet switch shrouding covers in the middle	in group A14	x	x	x	x		
B34.1	S34.1	Magnet switch shrouding covers in the middle	in group A14	x	x	x	x		
B34.2	S34.2	Magnet switch shrouding covers in the middle	in group A14	x	x	x	x		
B35li	S35 li	Sensor clamp./cutting tuck left	in group A18	x	x	----	----		
B35re	S35 re	Sensor clamp./cutting tuck right	in group A19	x	x	----	----		
B36li	S36 li	Sensor clamp./cutting selection left	in group A18	x	x	----	----		
B36re	S36 re	Sensor clamp./cutting selection right	in group A19	x	x	----	----		
B37li	S37 li	Sensor clamp./cutting drive left	in group A18	x	x	----	----		
B37re	S37 re	Sensor clamp./cutting drive right	in group A19	x	x	----	----		
B38	S38	Reference sensor racking rear	in group A15	x	x	x	x		
B39	S39	Reference sensor racking additional bed front / right	in group A16b	x	----	----	----		
B40	S40	Reference sensor racking additional bed rear / left	in group A17	x	----	----	----		
B41li	S41li	Thermoswitch feed wheel left	in M 7	x	x	x	x		
B41re	S41re	Thermoswitch feed wheel right	in M 7	x	x	x	x		
B45	S45	Switch take-down open		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		256648	256648	256648	256678	256678	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/A2	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	025 258	025 258 (822)	025 258
F11a	F11a	Power supply	10AT / 440V	----	----	025 258	025 258	----	----
F12	F12	Power supply	6,3AT / 440V	026 809	026 809	---	---	026 809 (830C)	---
			10AT / 440V	---	---	025 258	025 258	025 258 (822)	025 258
F12a	F12a	Power supply	10AT / 440V	----	----	025 258	025 258	----	----
F13	F13	Power supply	6,3AT / 440V	026 809	026 809	---	---	026 809 (830C)	---
			10AT / 440V	---	---	025 258	025 258	025 258 (822)	025 258
F13a	F13a	Power supply	10AT / 440V	----	----	025 258	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

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F20	F20	Fluff absorption (FLENT)	4AT / 440V	263 981	263 981	263 981	263 981	263 981	263 981
F21	F21	Fluff absorption (FLENT)	4AT / 440V	263 981	263 981	263 981	263 981	263 981	263 981
F22	F22	Fluff absorption (FLENT)	4AT / 440V	263 981	263 981	263 981	263 981	263 981	263 981
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 Length measuring device	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/J007)	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		240395	240395	240395	240395	240395	240395
P2	H2	Warning light green	in group P1	x	x	x	x	x	x
P2.1	H2.1	Warning light yellow	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	in group A6	in group A6	in group A6	in group A6	in group A6
K3M	K3M	Relay feed wheel on the right		in group J953	in group J953	in group J953	in group J953	in group J953	in group J953
K4M	K4M	Relay feed wheel on the left		in group J953	in group J953	in group J953	in group J953	in group J953	in group J953
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	244 450
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	----	----	----		
M 12	M 12	Racking motor rear / left additional bed		242 731	----	----	----		

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M 13	M 13	Open/close take-down motor		232 456	232 456	232 456	----		
M 14	M 14	Central lubrication of motor pump	in group A22	x	x	x	x		
MP 1	MP 1	Clamp./Cutting motor tuck left	in group A18	x	x	----	----		
MP 2	MP 2	Clamp./Cutting motor tuck right	in group A19	x	x	----	----		
MP 3	MP 3	Clamp./Cutting motor drive left	in group A18	x	x	----	----		
MP 5	MP 5	Clamp./Cutting motor selection right	in group A19	x	x	----	----		
MP 6	MP 6	Clamp./Cutting motor selection left	in group A18	x	x	----	----		
MP 8	MP 8	Clamp./Cutting motor drive right	in group A19	x	x	----	----		
Q1	Y1	Magnet machine execute	in group A21	235 116	235 116	235 116	235 116		
Q2	Y4	Magnet Engaging rod		026 233	026 233	026 233	026 233		
Q5	Y5	Brake motor take-down	in Motor M3	x	x	x	x		
Q6	Y6	Brake motor comb	in Motor M4	x	x	x	----		
Q7	Y7	Magnet take-down catch off	in Motor M3	----	----	----	x		
Q8	Y8			----	207869	----	----		
		Air valve							
T1	T1	Main transformer		253 299	253 299	240 337	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	253 299	253 299	240 337	240 337	253 300 (822) 253 299 (830C)	253 300
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	----

Circuit diagram 221

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STOLL
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W12	W12	Cable auxiliary take-down motor		240 467	240 590	240 590	242 226	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	240 466	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	240 461	240 461	242 522
W17	W17	Cable electro		238 703	240 462	240 462	240 463	240 463	242 523
W18	W18	Cable open/close take-down motor		----	240 610	240 610	242 228	242 228	----
W19	W19	Open/close cable switch of main takedown		----	240 611	240 611	242 229	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	255299	255299	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	242 227	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	255133	----	----
W33	W33	Cable clamp./cutting drive on the left		240 612	240 612	240 612	240 612	----	----
W34	W34	Cable Clamp./Cutting sensors		243 896	240 614	240 614	255134	----	----
W35	W35	Cable connection lights		----	----	----	----	----	226 440
W36	W36	Cable Power supply WAZ / feed wheel		263686	263687	263687	263688	263688	242 765
W37	W37	Cable Power supply SERVO		240 502	240 503	240 503	240 504	240 504	242 766
W38	W38	Cable Power supply FLUFF ABSORPTION		251231	251242	251242	251243	251243	251232
W39	W39	Cable Power supply		240 505	236573	236573	236573	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	240 507	240 507	242 768
W47	W47	Cable protective units left		-	-	-	-	-	253616
W48	W48	Cable mains supply transformer		250364	250364	250364	250364	250364	250364

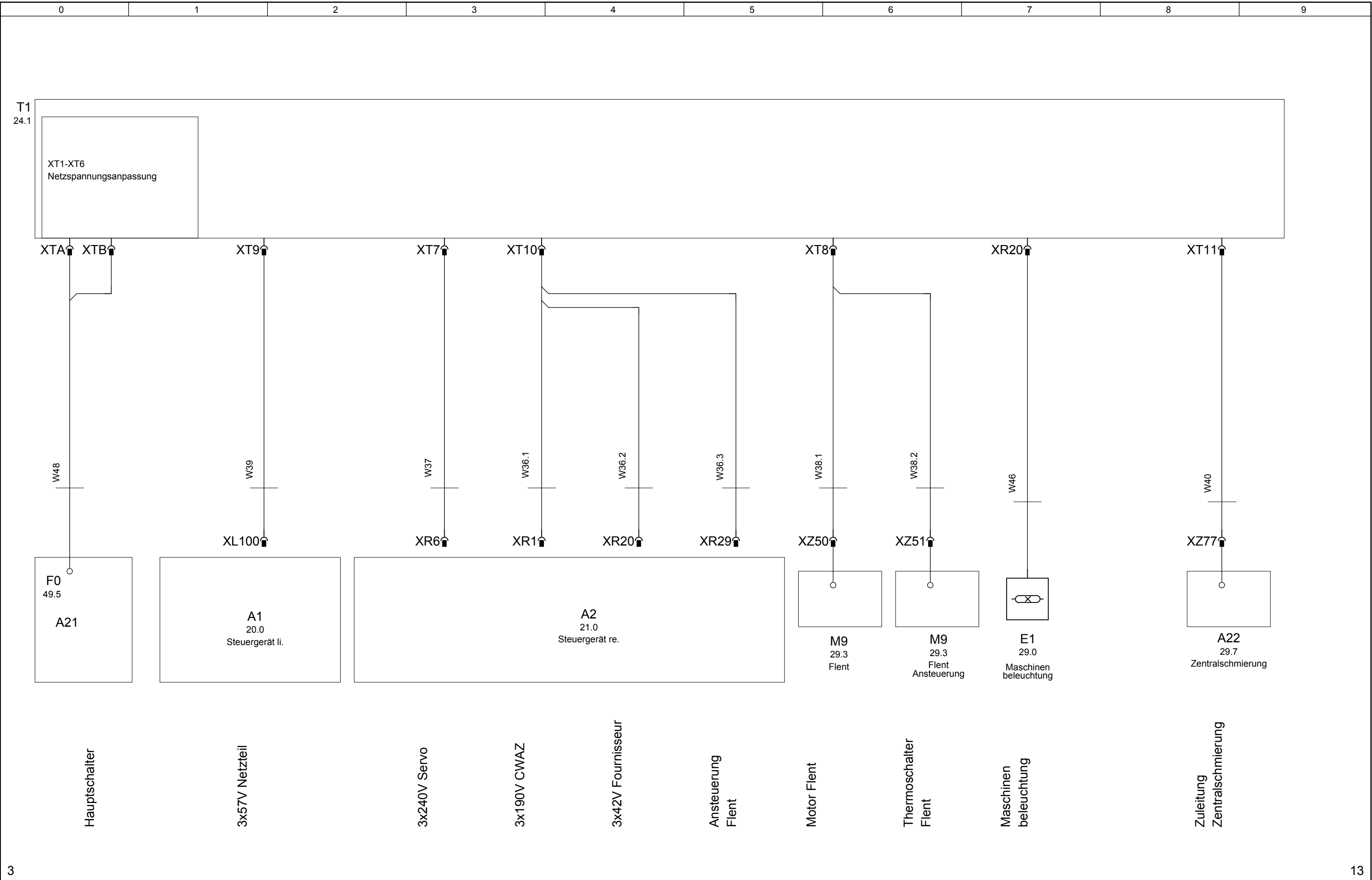
Circuit diagram 221

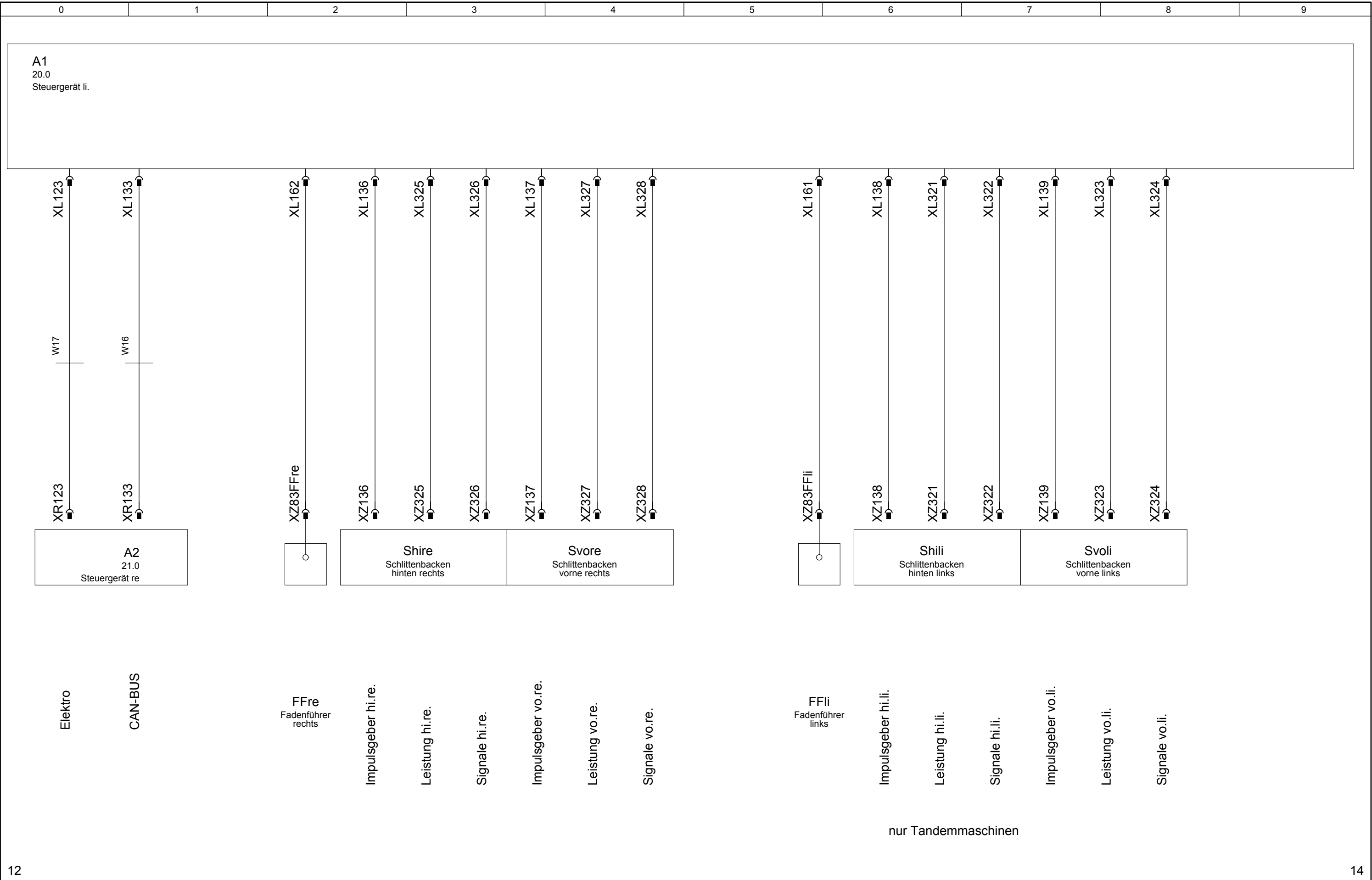
11/57

STOLL
KNIT AHEAD

Computer OKC3, Ident. No.: 257279.01

[illegible]

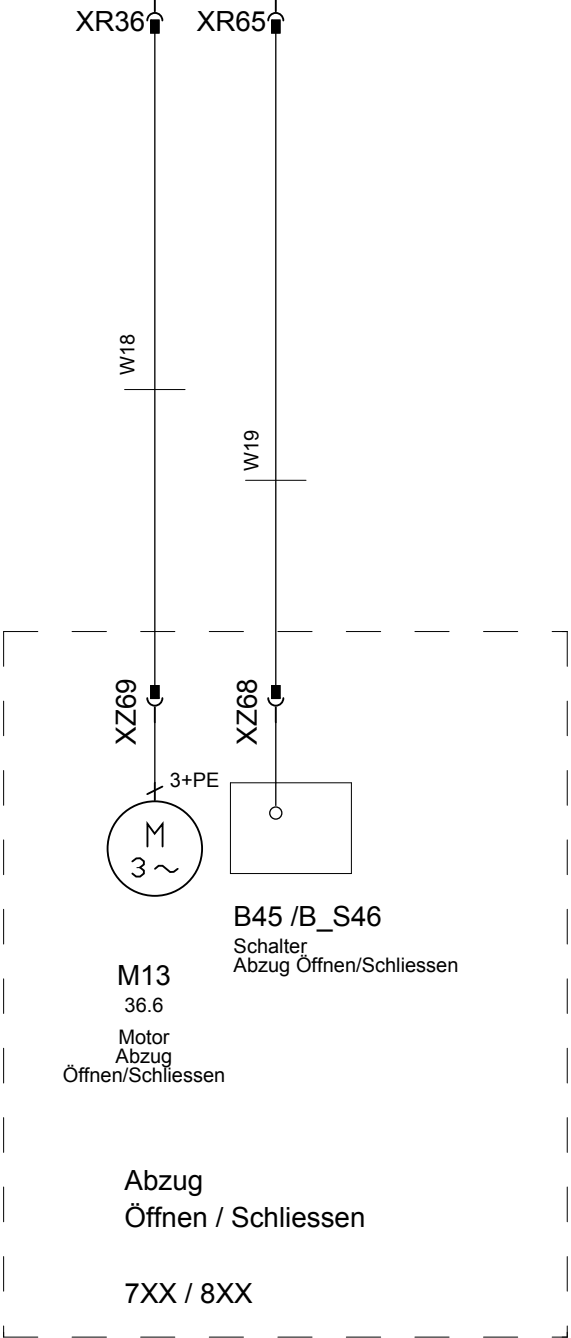
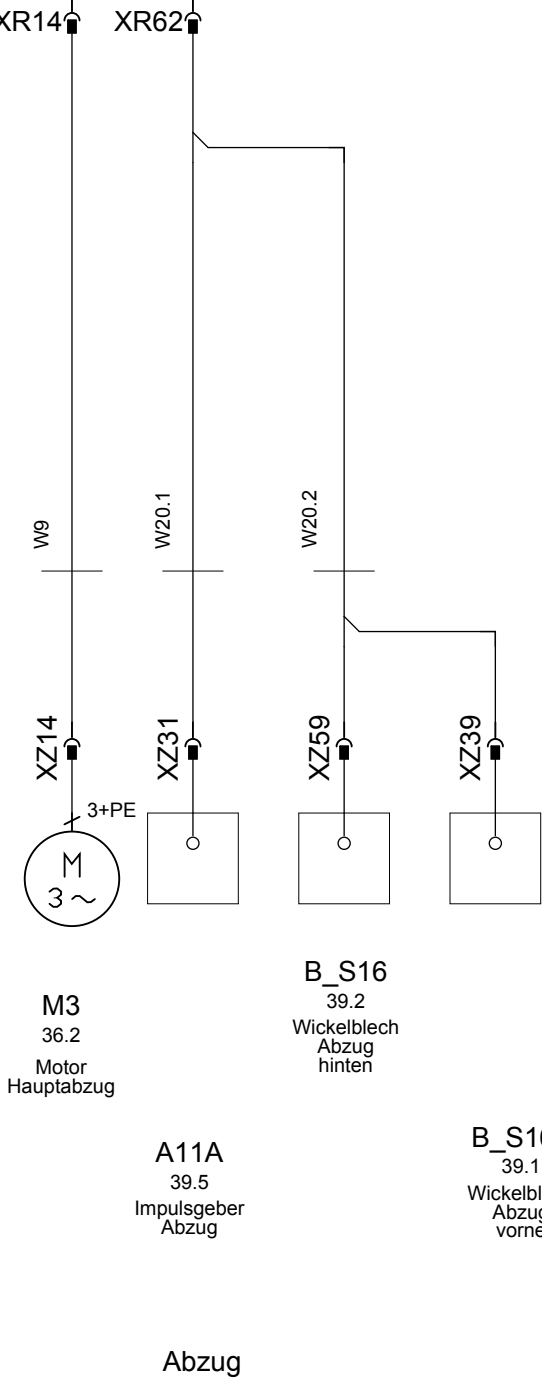




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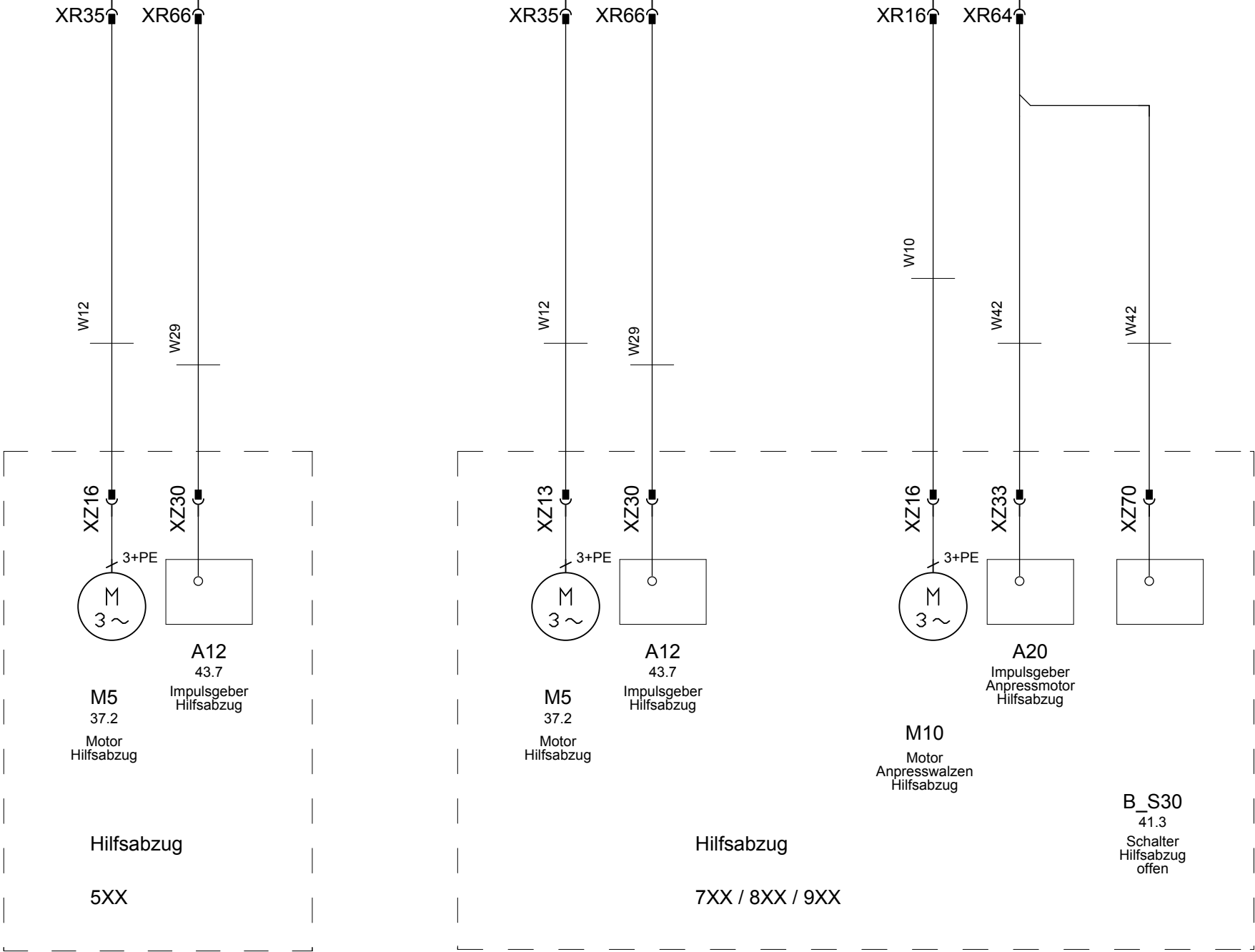
A2
21.0
Steuergerät re.

C-WAZ J929 + J936 / J948



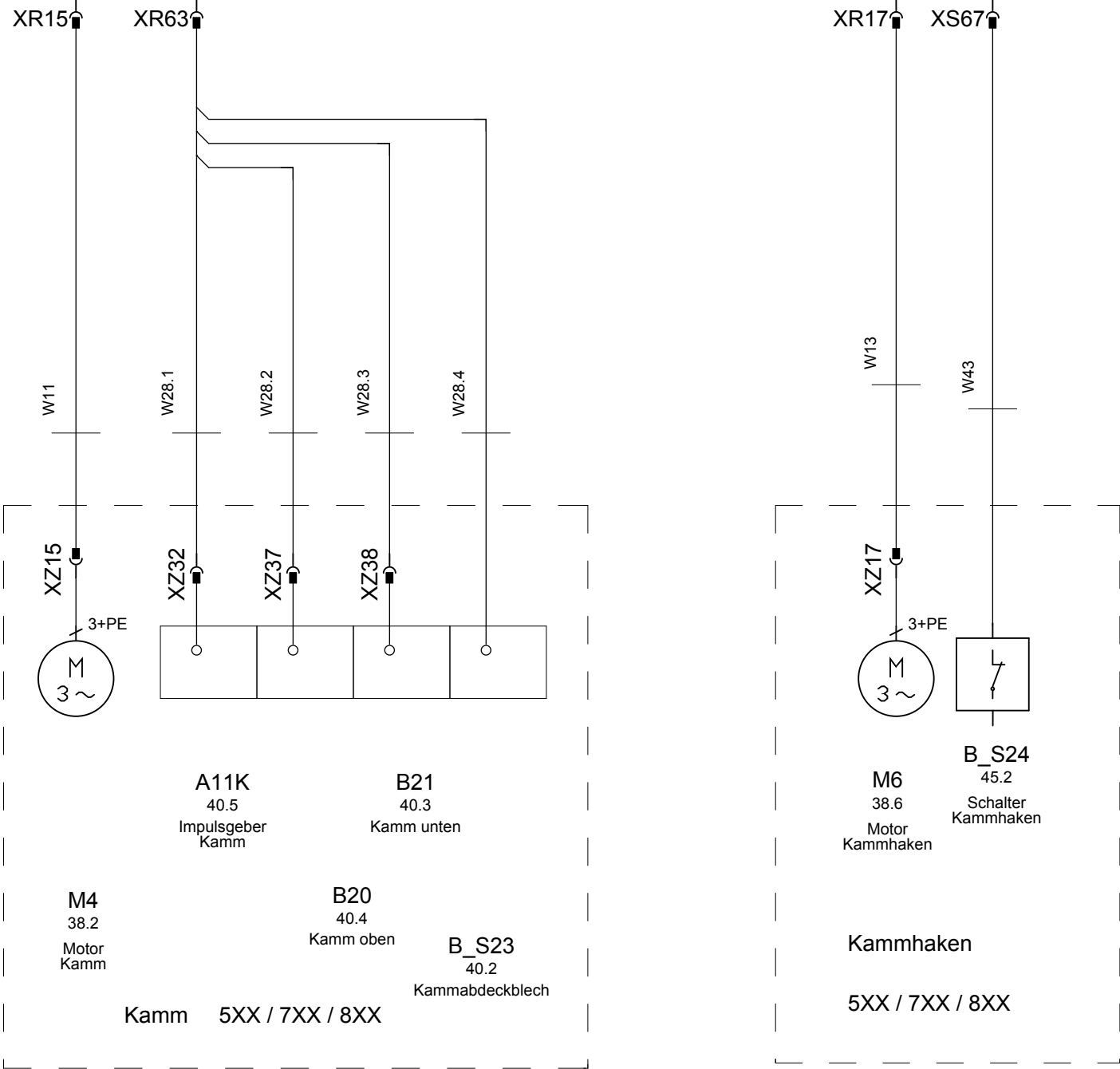
A2
21.0
Steuergerät re.

C-WAZ J929 + J936 / J948

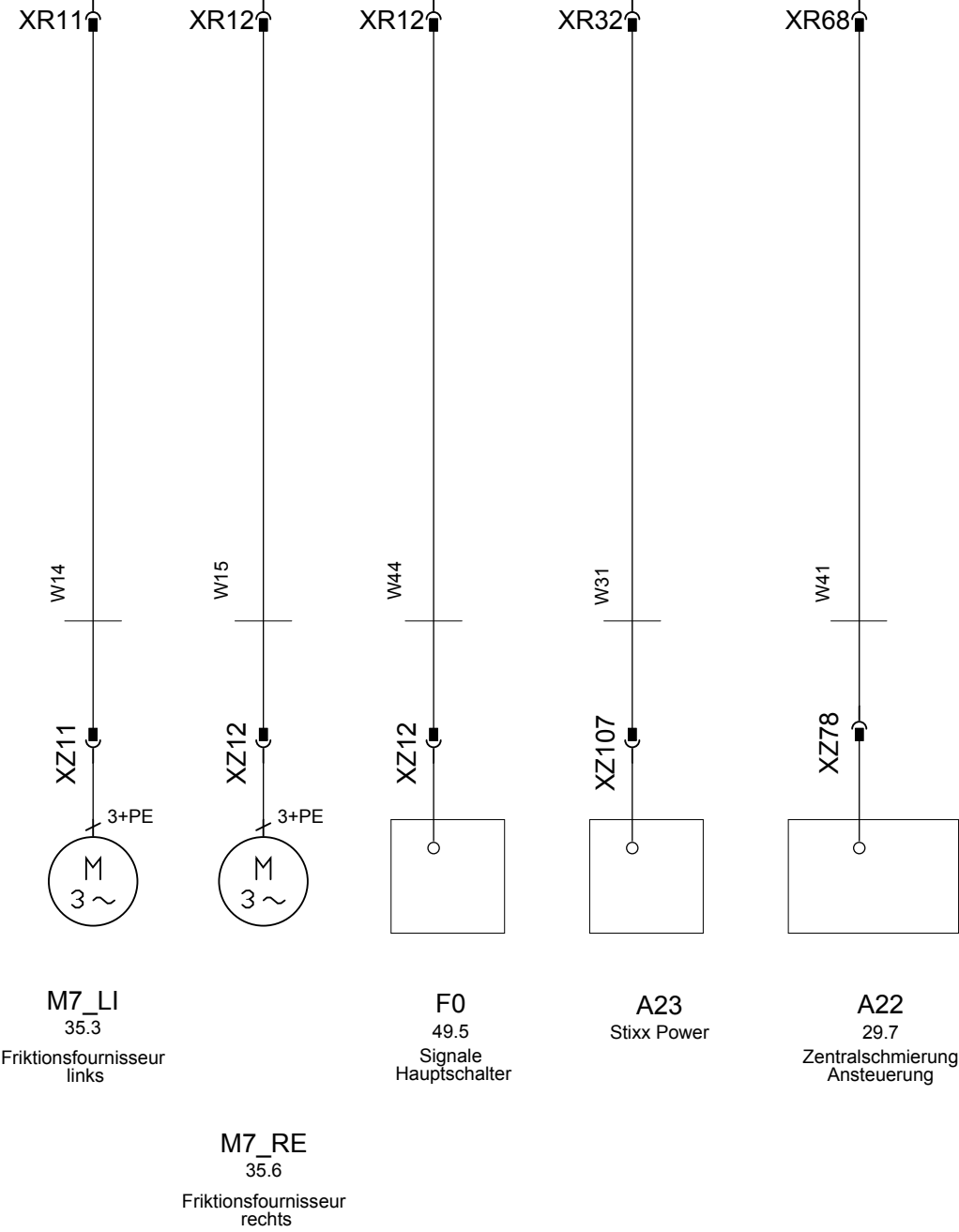


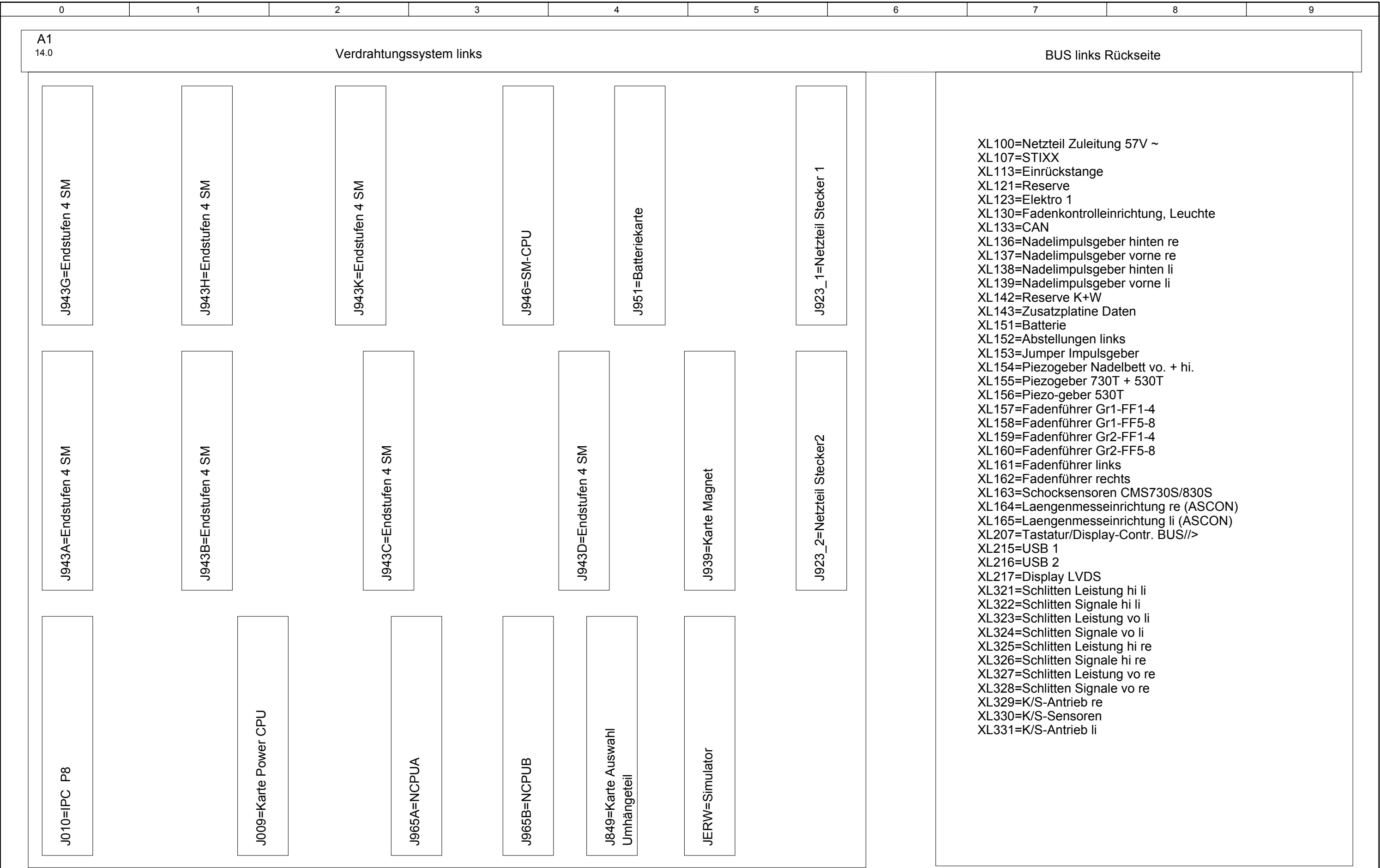
A2
21.0
Steuergerät re.

C-WAZ J929 + J936 / J948



A2
21.0
Steuergerät re.





A2
19.0

Verdrahtungssystem rechts

Rückseite

frei

J000A_2=Servo
Achse 1 und 2

J953_2=Karte
Relais OKC

J929_2=Karte CWAZ

J936_2/J948_2=
Karte Kondensator

frei

J000A_1=Servo
Achse 1 und 2

J953_1=Karte
Relais OKC

J929_1=Karte CWAZ

J936_1/J948_1=
Karte Kondensator

XR1=Stromversorgung 190V, AC v. Trafo

XR6=Stromversorgung Servo

XR7=Lüfter_1_Steuergerät

XR11=Fournisseur links

XR12=Fournisseur rechts

XR14=Motor Warenabzug

XR15=Motor Kamm

XR16=Motor Anpresswalzen Hilfsabzug

XR17=Motor Kammhaken

XR20=Stromversorgung 42/24VAC

XR25=Lüfter Hauptantriebsmotor

XR26=Abdeckhauben, Schutzhauben, Aufholspanner

XR28=Signale Hauptschalter

XR29=FELENT

XR32=Laengenmesseinrichtung_Power

XR35=Motor Hilfsabzug

XR36=Motor 4 (HAAB Öffnen/Schliessen)

XR40=Motor Achse1

XR41=Resolver Achse1

XR42=Endschalter Achse1

XR43=Motor Achse2

XR44=Resolver Achse2

XR45=Endschalter Achse2

XR62=Systemstecker_WAZ_Mot1

XR63=Systemstecker_WAZ_Mot2

XR64=Systemstecker_WAZ_Mot3

XR65=Systemstecker_WAZ_Mot4

XR66=Systemstecker_WAZ_Mot5

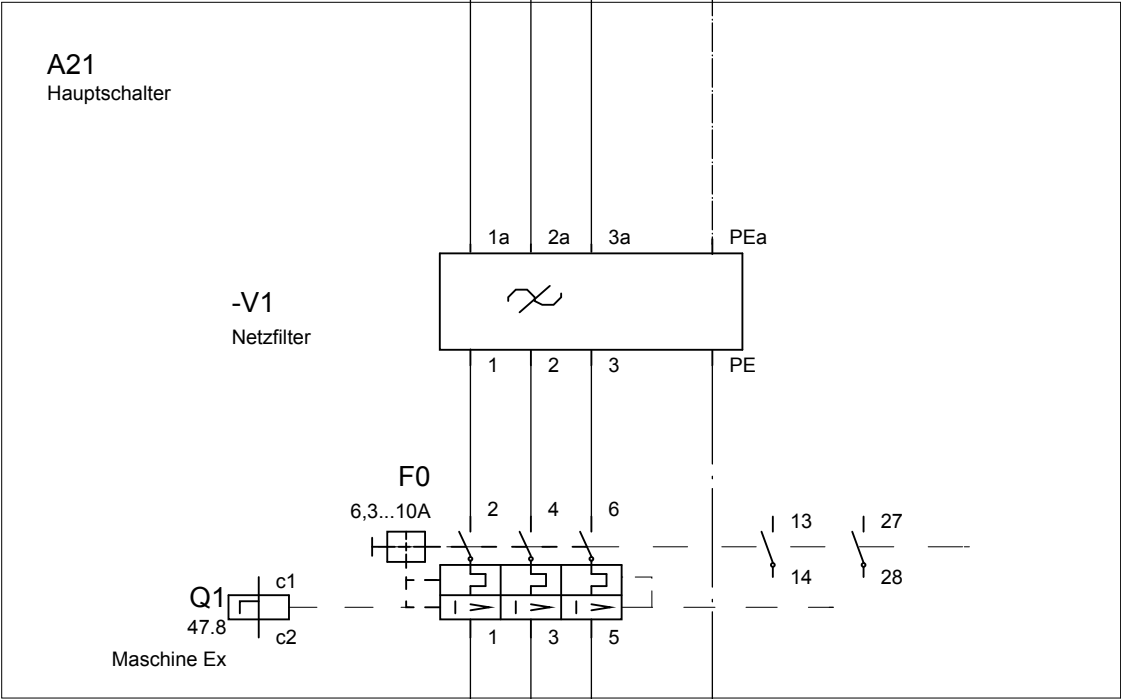
XR67=Systemstecker_WAZ_Mot6

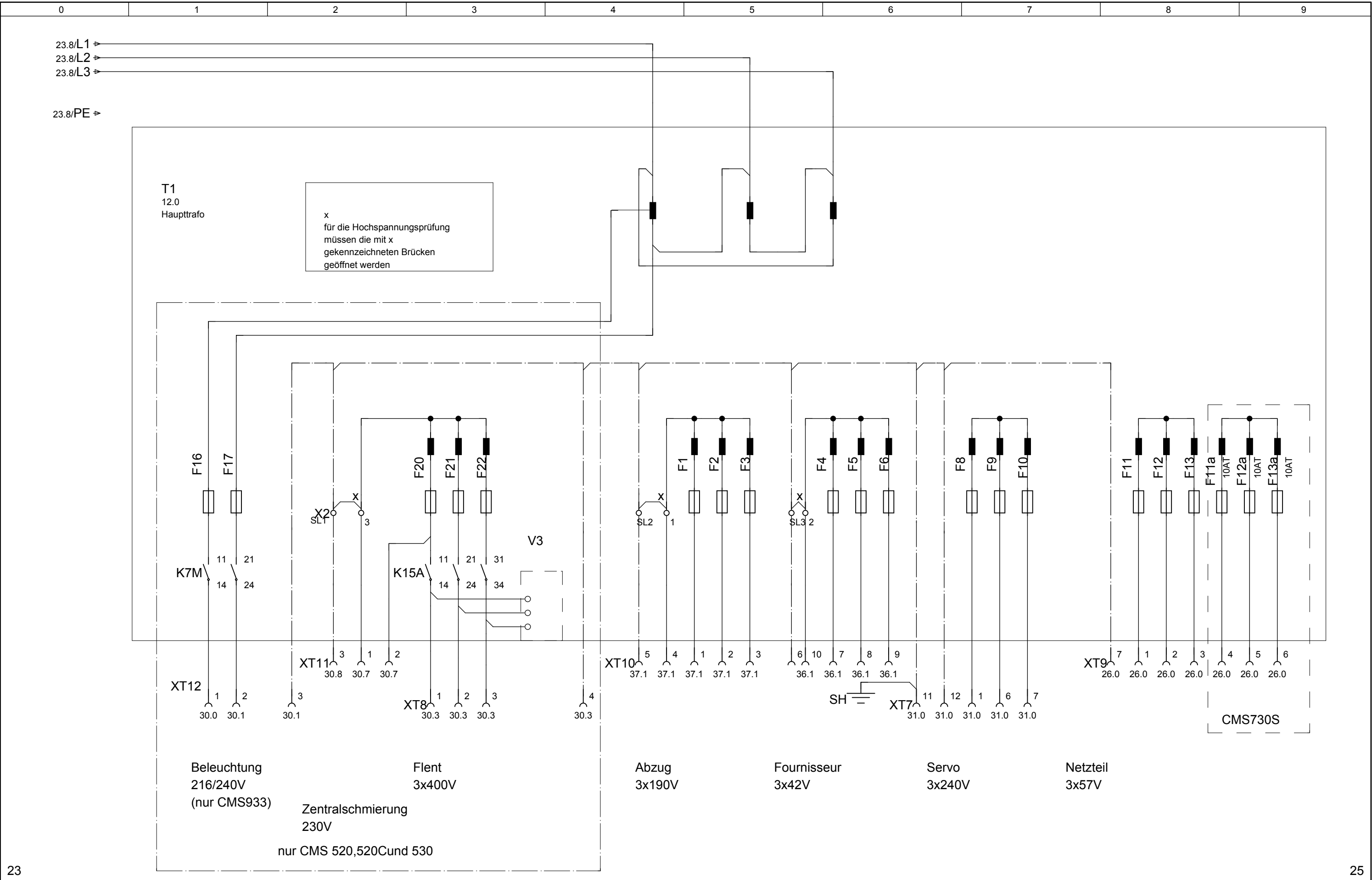
XR68=Zentralschmierung

XR123=Elektrostecker 1

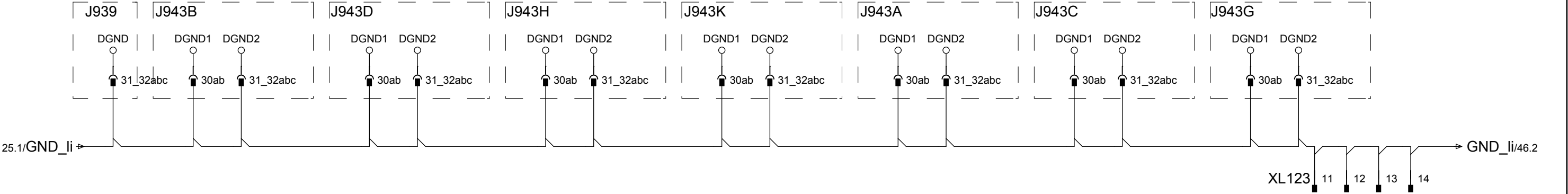
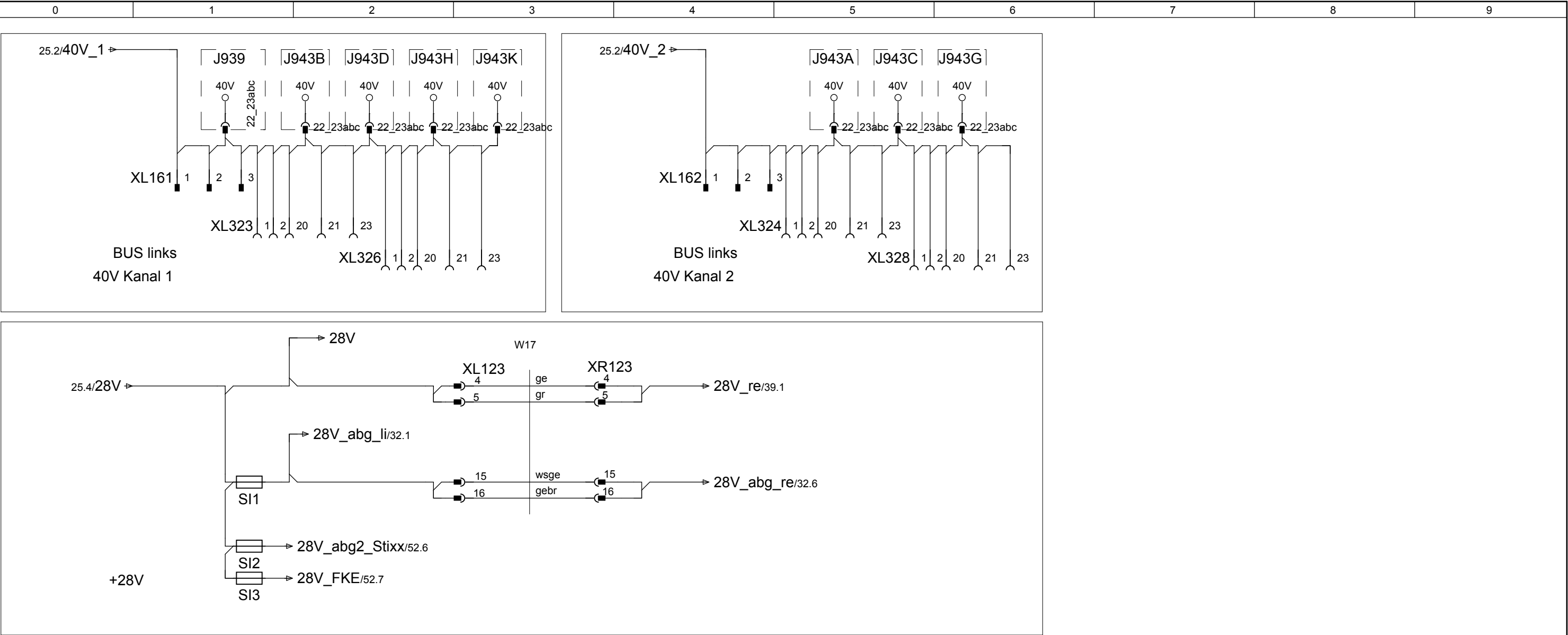
XR133=CAN

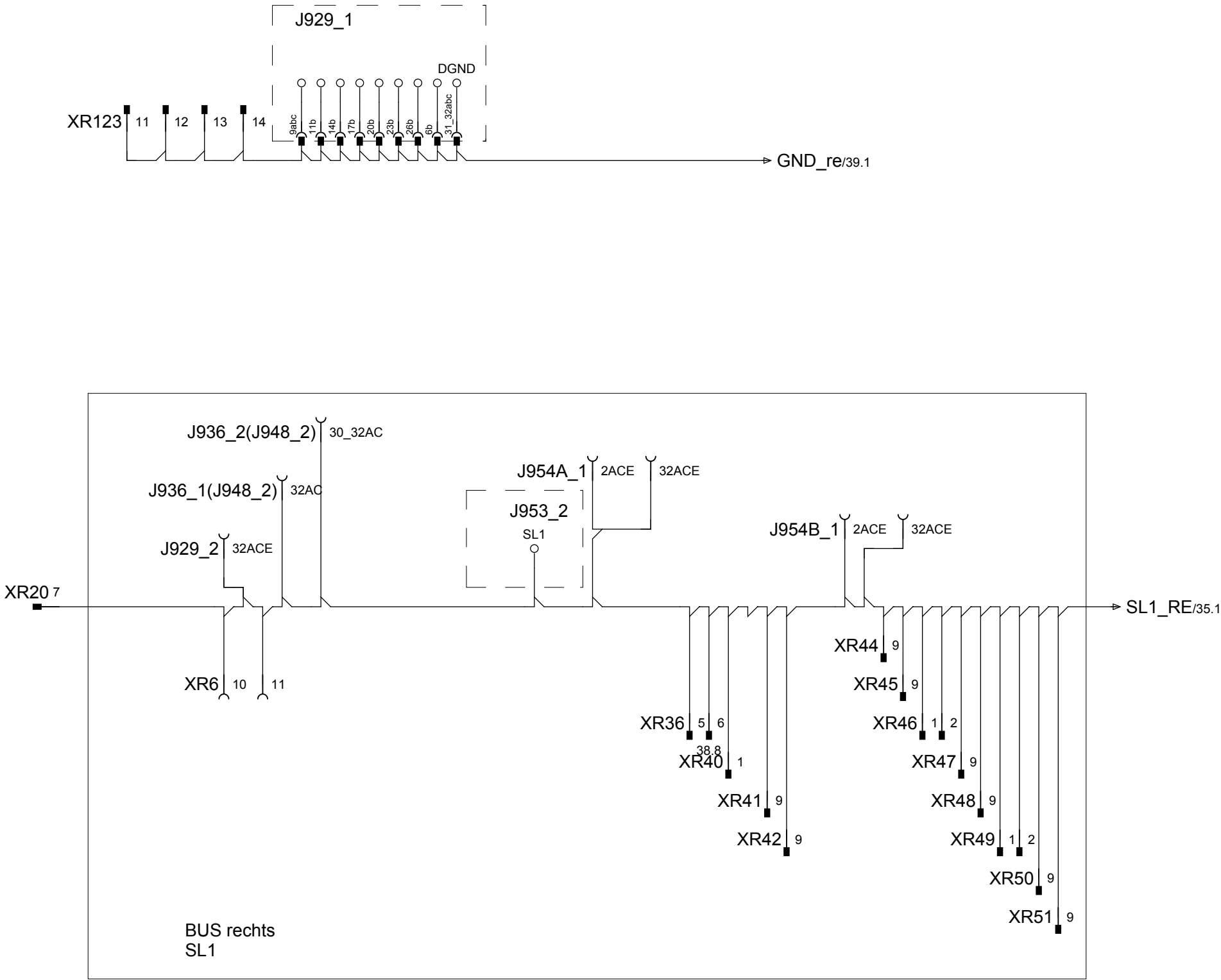
0	1	2	3	4	5	6	7	8	9
Trafo XT7=Servo XT8=Flent XT9=Netzteil/Beleuchtung XT10=Signale Beleuchtung / Flent XT11=Zentralschmierung XT12=Beleuchtung X1=Netzanschluss Hauptschalter X2=Zusatzklemmen Trafo XZ2=MC-Beleuchtung XZ4=Resolver Hauptantrieb XZ5=Resolver Versatz XZ6=Zwischenstecker FKE,Signalleuchte XZ7=Einrücken XZ8=Motor Hauptantrieb XZ9=Motor Versatz XZ11=Fournisseur links XZ12=Fournisseur rechts XZ14=Motor Abzug XZ15=Motor Kamm XZ16=Motor Hilfsabzug XZ17=Motor Kammhaken XZ18=Signalleuchte XZ19=FKE XZ20=Piezo NB vorne XZ21=Piezo NB hinten XZ23li=Aufholspanner links XZ23re=Aufholspanner rechts XZ24=Abdeckhauben XZ30=Impulsgeber Hilfsabzug XZ31=Impulsgeber Abzug XZ32=Impulsgeber Kamm XZ34=Bremse /Temperatur Kamm XZ35=Bremse /Temperatur Abzug XZ36=Schalter Hilfsabzug geschlossen XZ37=Position Kamm oben XZ38=Position Kamm unten XZ39=Wickelblech Abzug hi. XZ58li=Schutzhaube links XZ58re=Schutzhaube rechts XZ59=Wickelblech Abzug vo. XZ45=Endschalter Versatz XZ50=FLENT XZ51=FLENT Ansteuerung XZ77=Zentralschmierung XZ78=Ansteuerung Zentralschmierung									
21									23

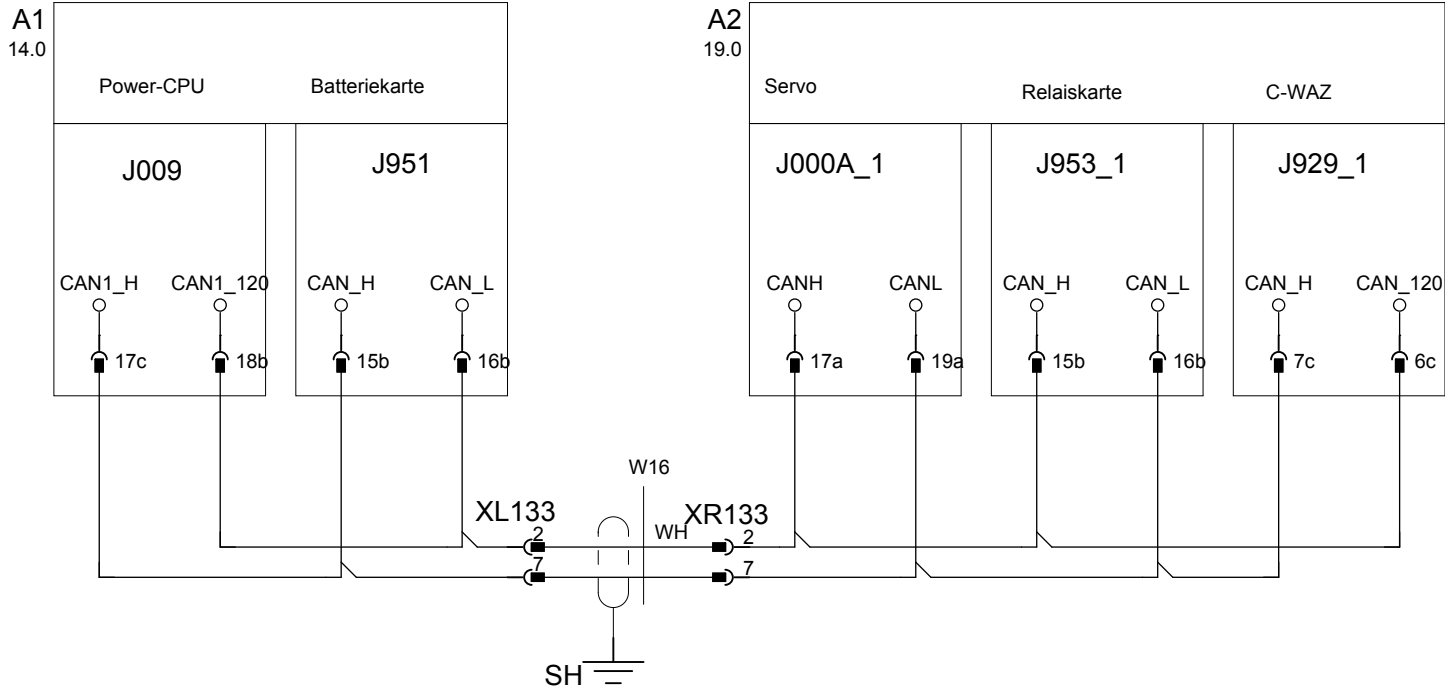


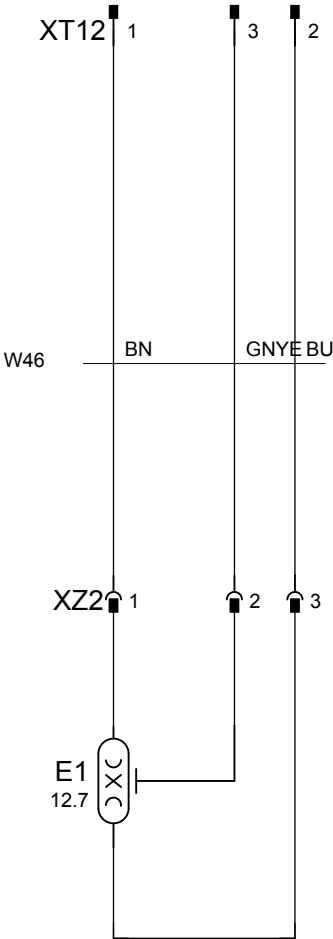


			Datum		STOLL KNIT AHEAD			H.Stoll GmbH & Co. KG		Transformator		Id.Nr. 257 279		=	
			Bearb.	KEH										+	
			Gepr.	01.10.12											
Änderung	Datum	Name	Norm		Urspr.	Ers.f.		Ers.d.				Ä.St.01		Bl.	24
														57 Bl.	

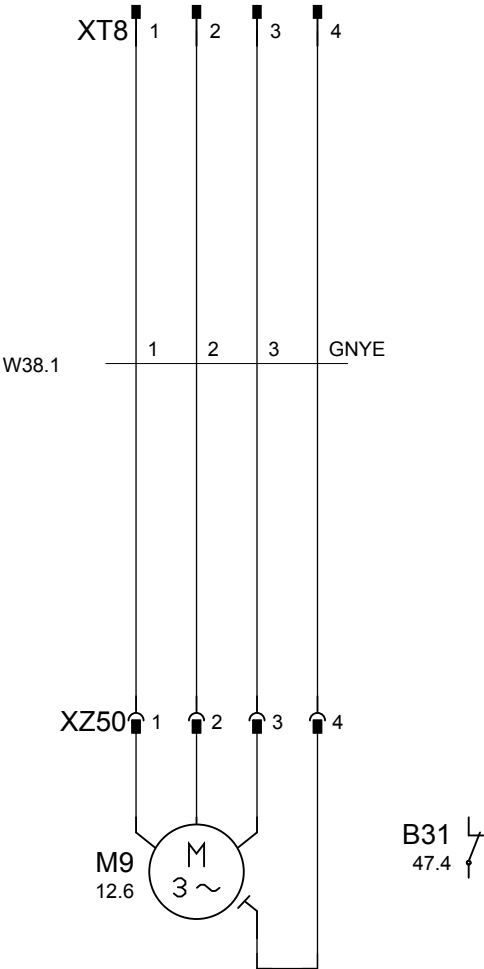






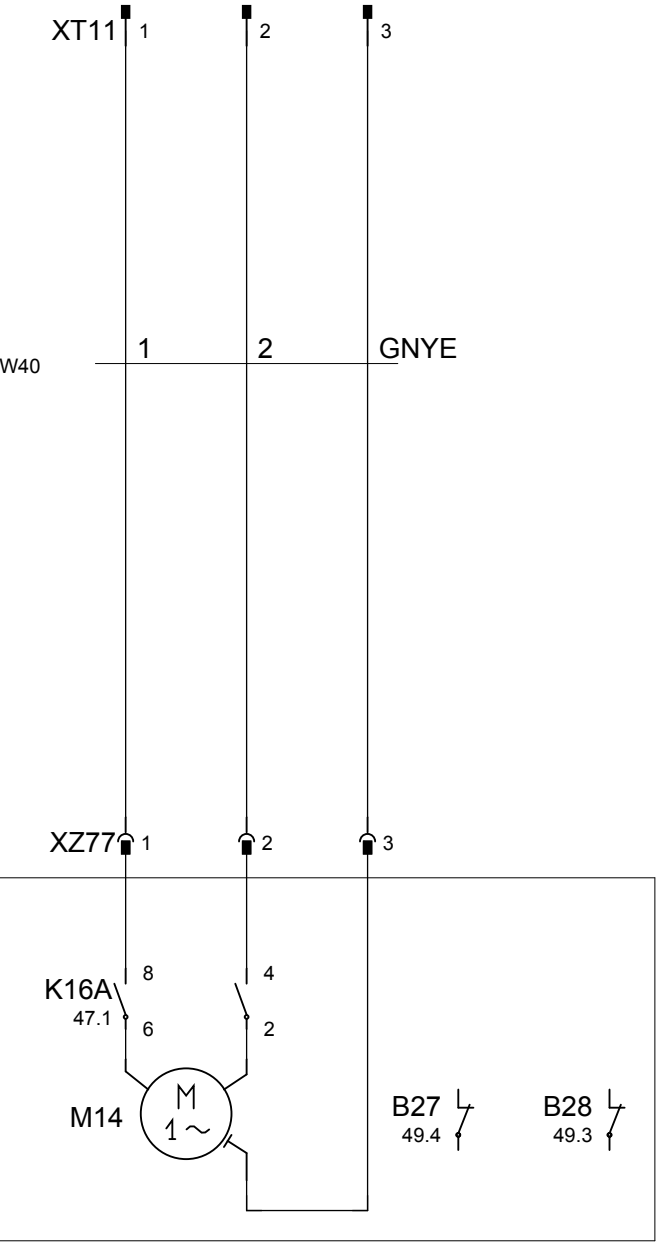


Beleuchtung
(CMS933)



Flent

Thermoschalter Flent

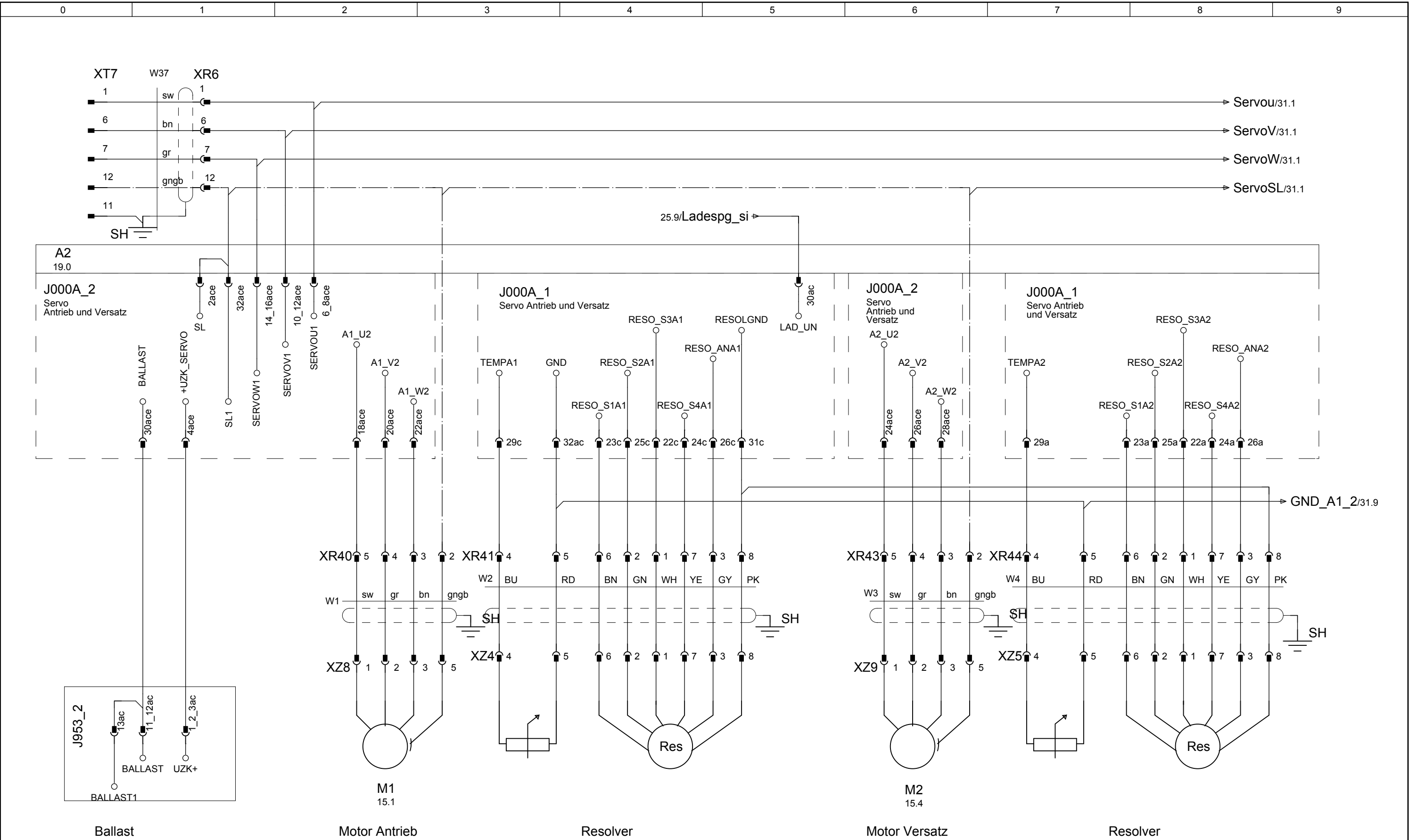


Zentralschmierung

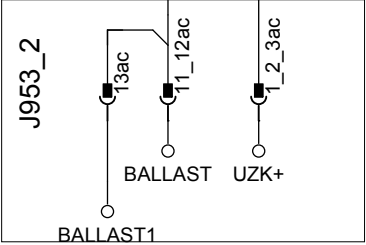
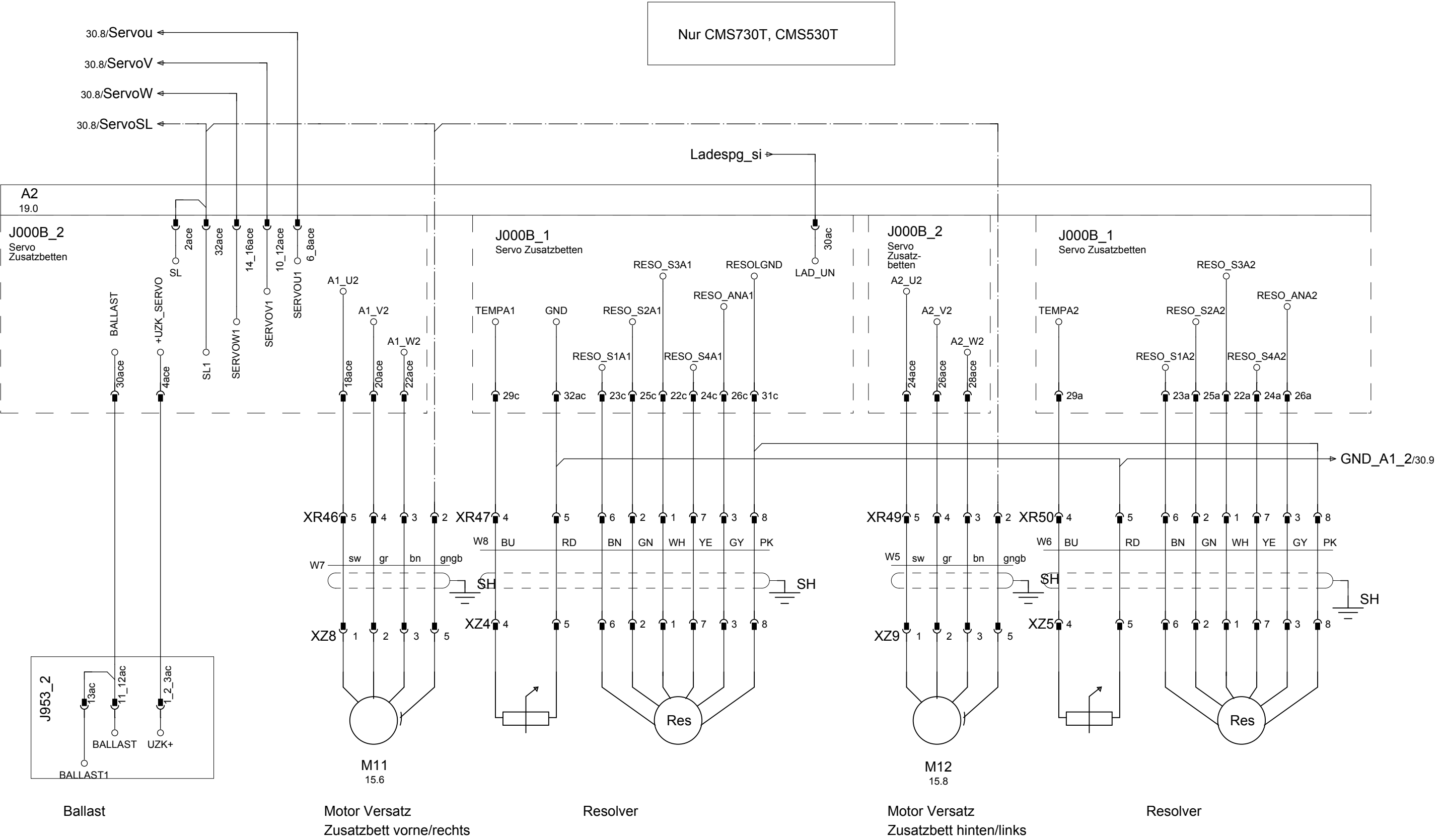
Schmieren Druckschalter

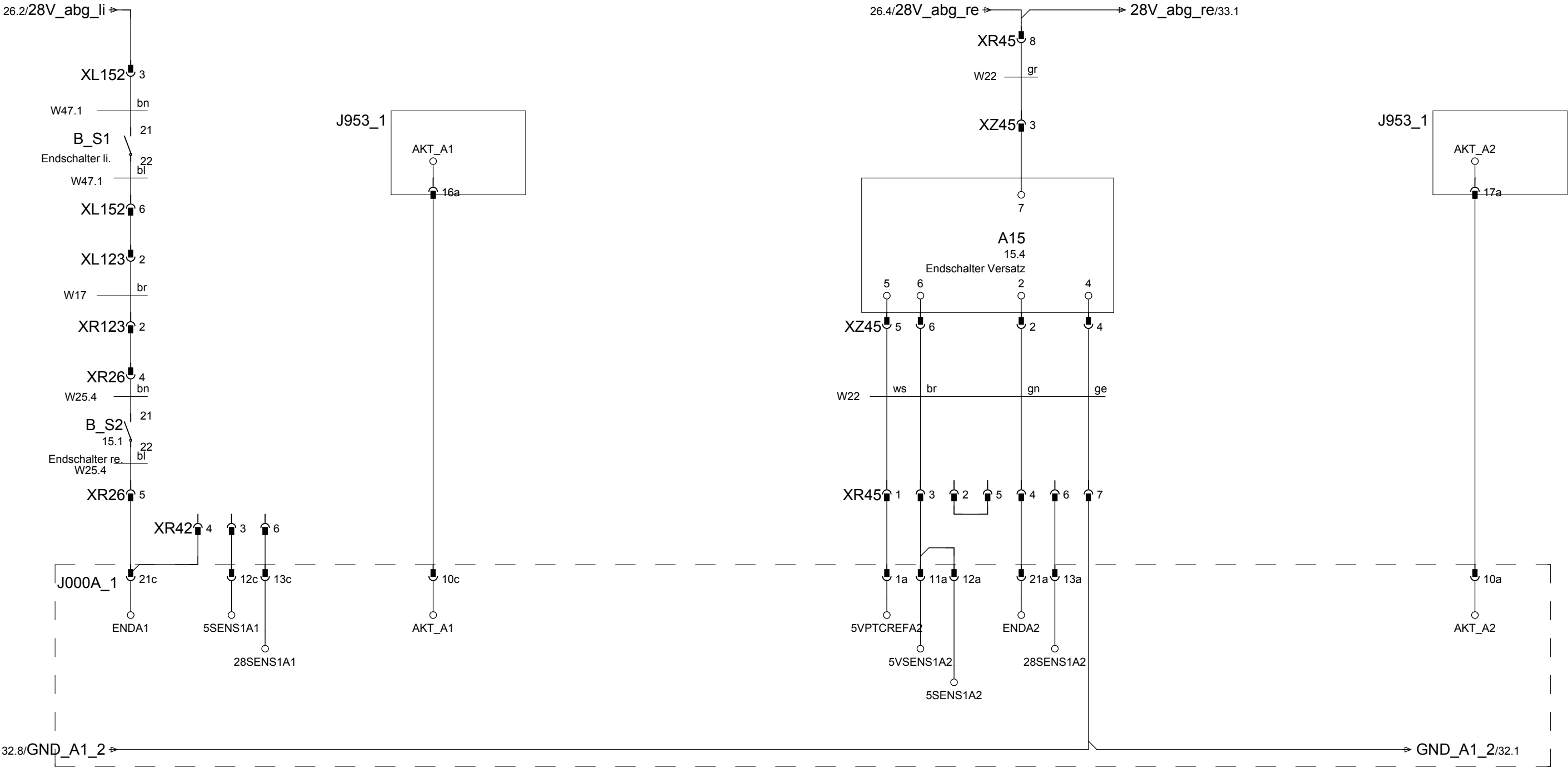
Schmieren Füllstand

			Datum		Schaltplan 221		STOLL KNIT AHEAD	H.Stoll GmbH & Co. KG	Beleuchtung Flusenentsorgung Zentralschmierung	Id.Nr. 257 279		=		
			Bearb.	KEH								+		
			Gepr.	01.10.12										
Änderung	Datum	Name	Norm		Urspr.	Ers.f.	Ers.d.			Ä.St.01		Bl.	29	
													57 Bl.	



			Datum		Schaltplan 221	STOLL KNIT AHEAD	H.Stoll GmbH & Co. KG	Servo Antrieb und Versatz	Id.Nr. 257 279		=	
			Bearb.	KEH							+	
			Gepr.	01.10.12								
Änderung	Datum	Name	Norm		Urspr.	Ers.f.	Ers.d.		Ä.St.01		Bl.	30
											57 Bl.	





Endschalter Antrieb

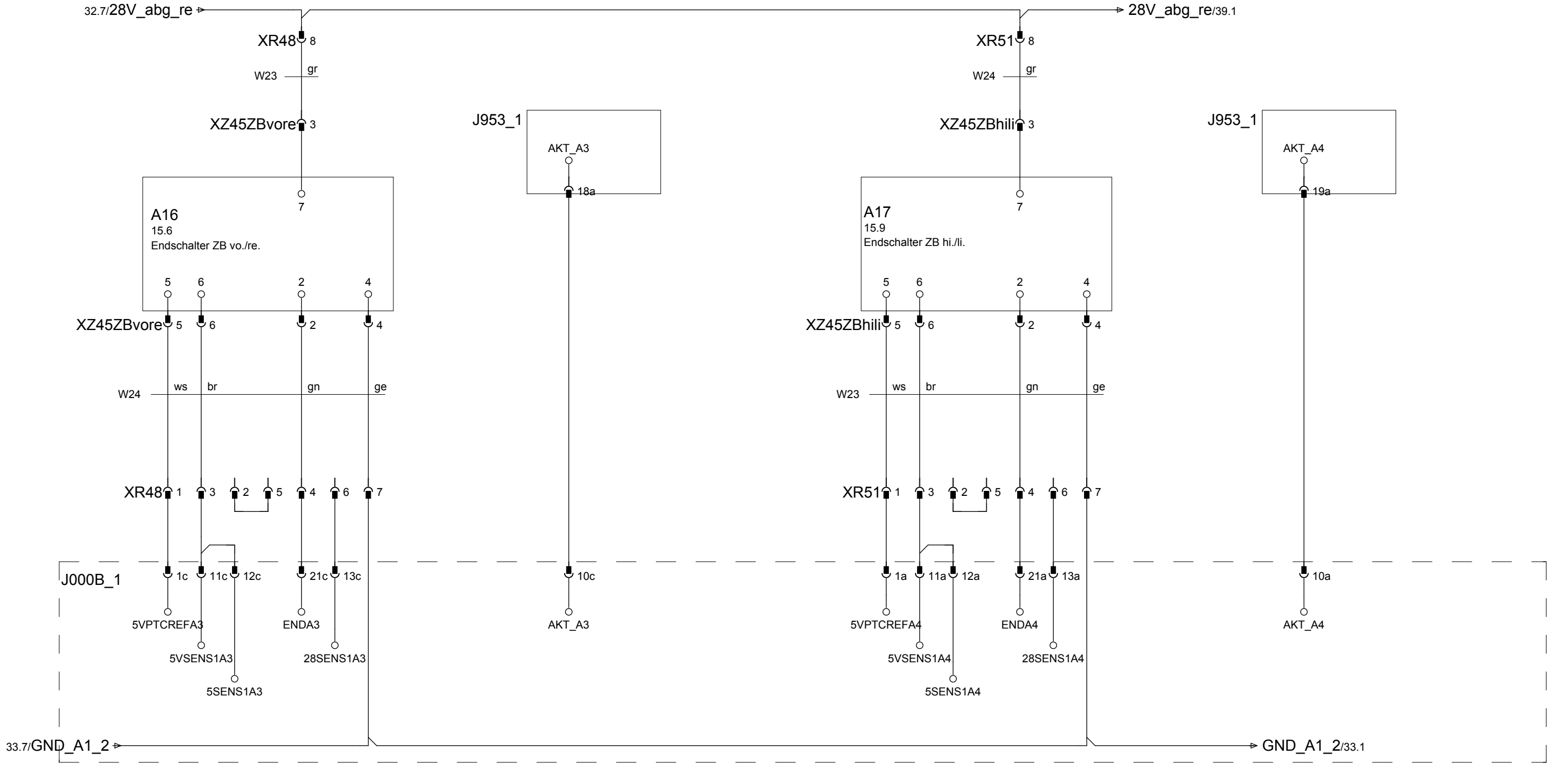
aktiv Achse 1

Referenz Achse 2

Endschalter Achse 2

aktiv Achse 2

			Datum		Schaltplan 221		H.Stoll GmbH & Co. KG	Eingänge Servo HA+V	Id.Nr. 257 279	=	
			Bearb.	KEH						+	
			Gepr.	01.10.12							
Änderung	Datum	Name	Norm		Urspr.	Ers.f.	Ers.d.		Ä.St.01		Bl. 32
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Referenz Achse 3

Endschalter Achse 3

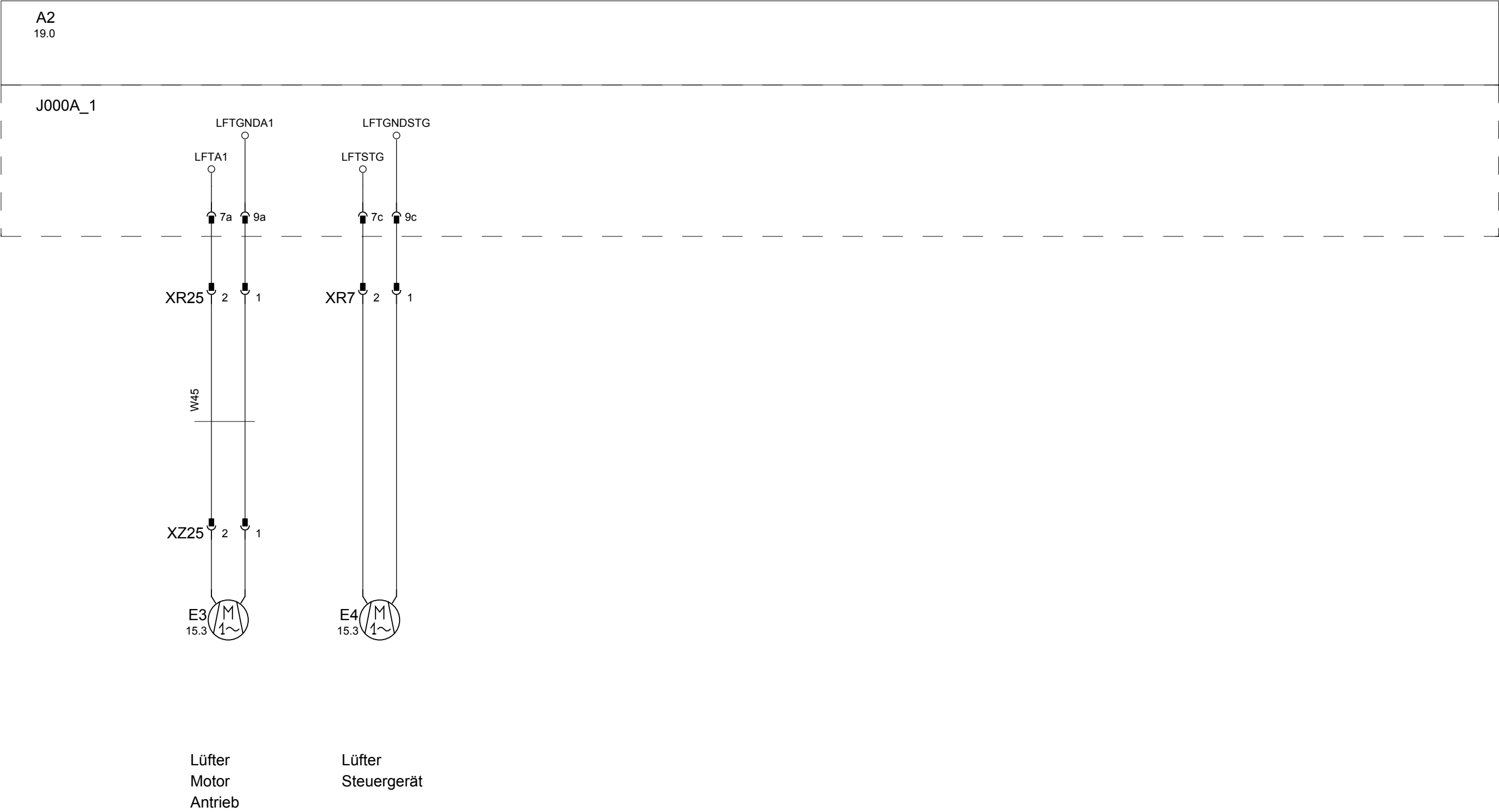
aktiv Achse 3

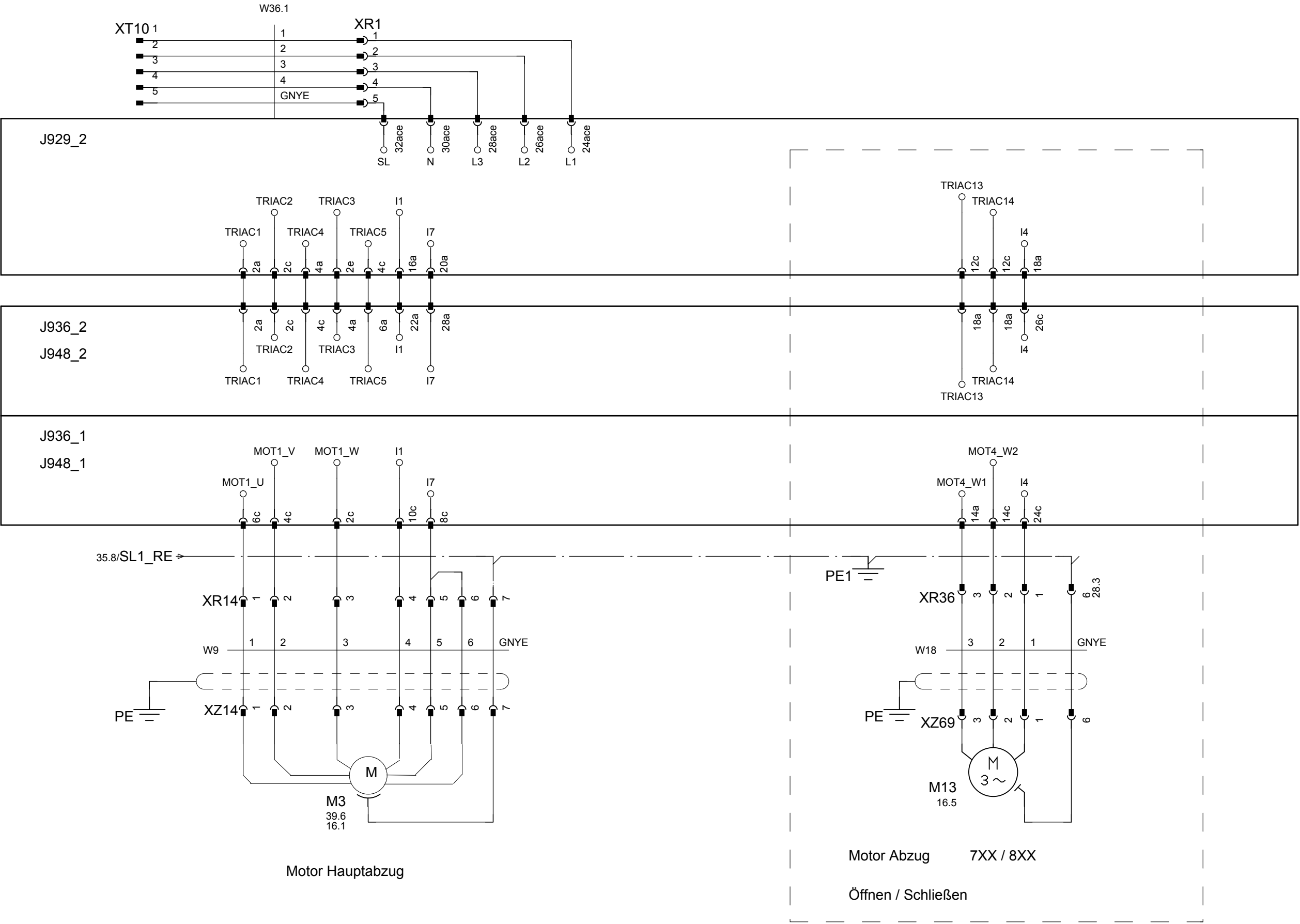
Nur CMS730T, CMS530T

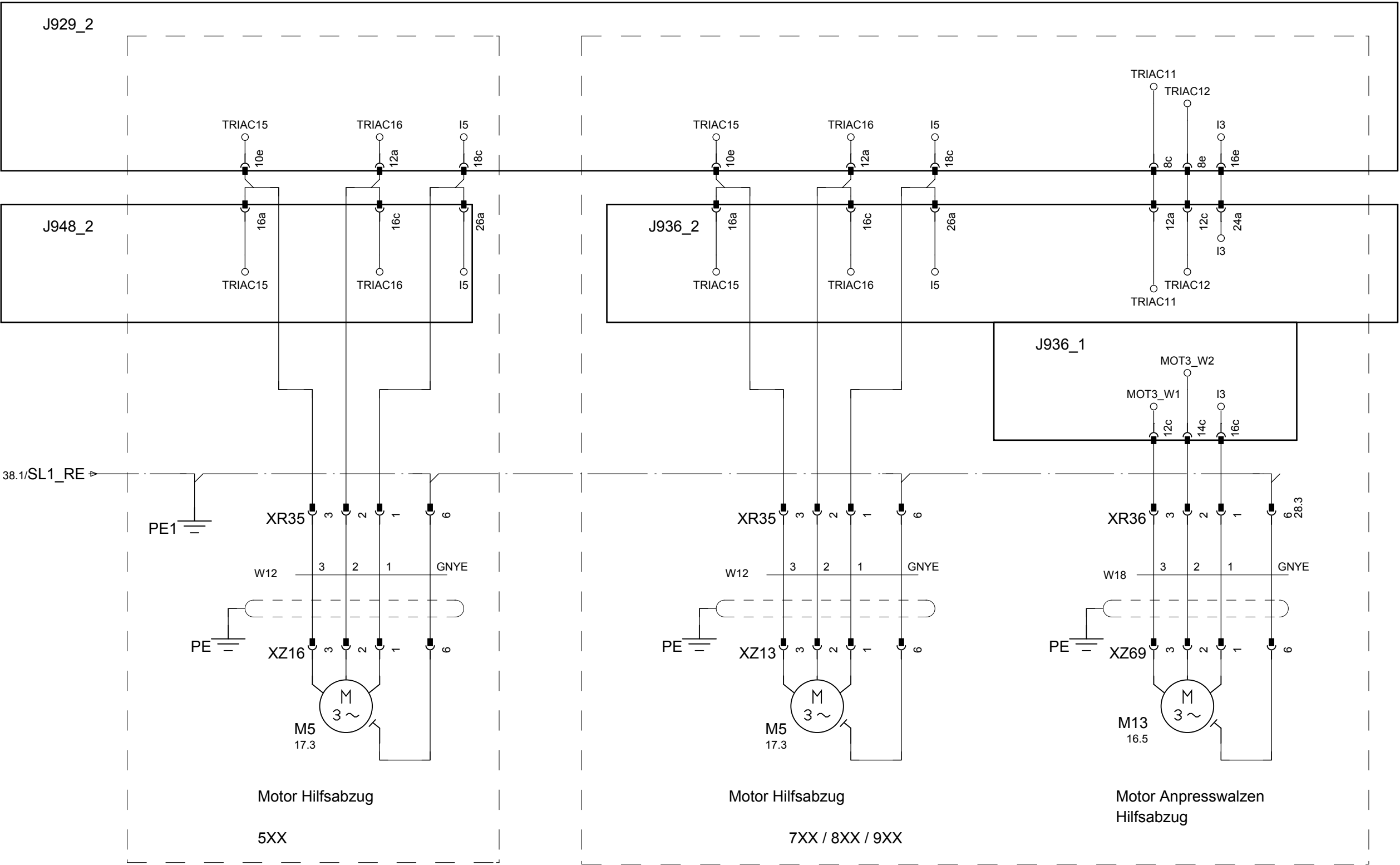
Referenz Achse 4

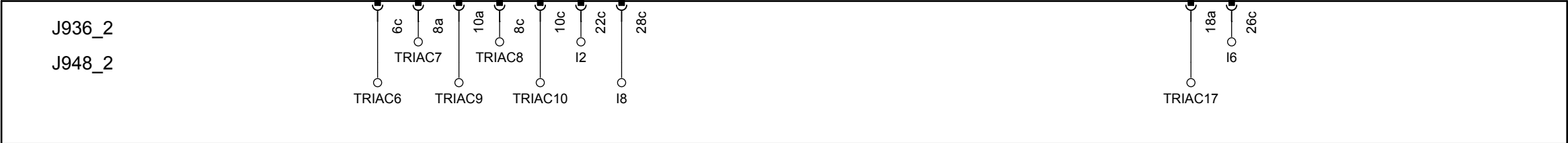
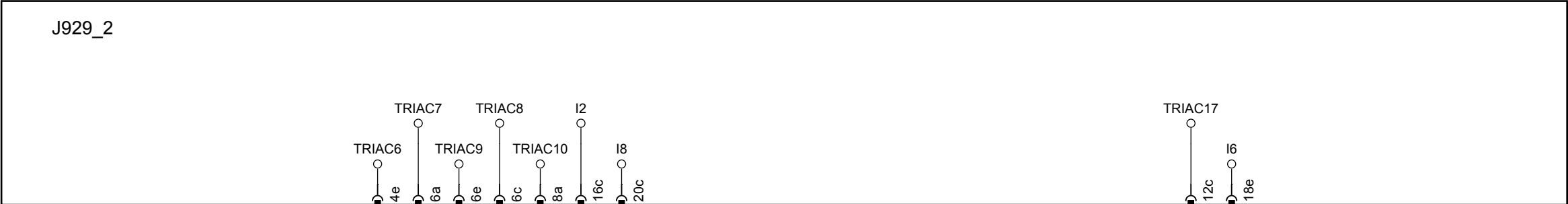
Endschalter Achse 4

aktiv Achse 4

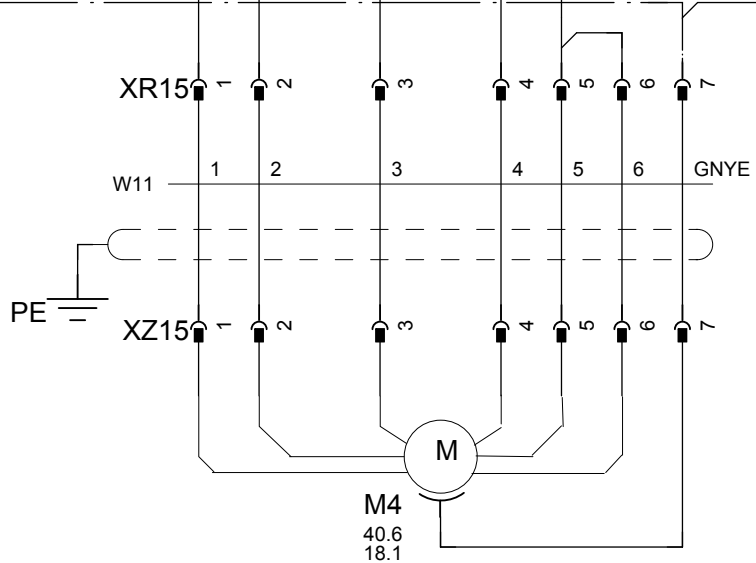




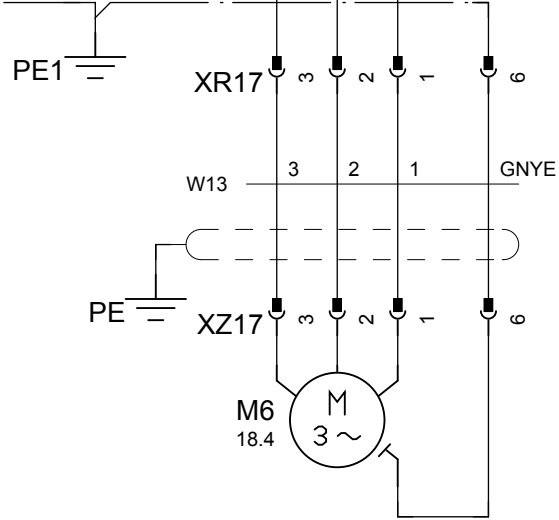




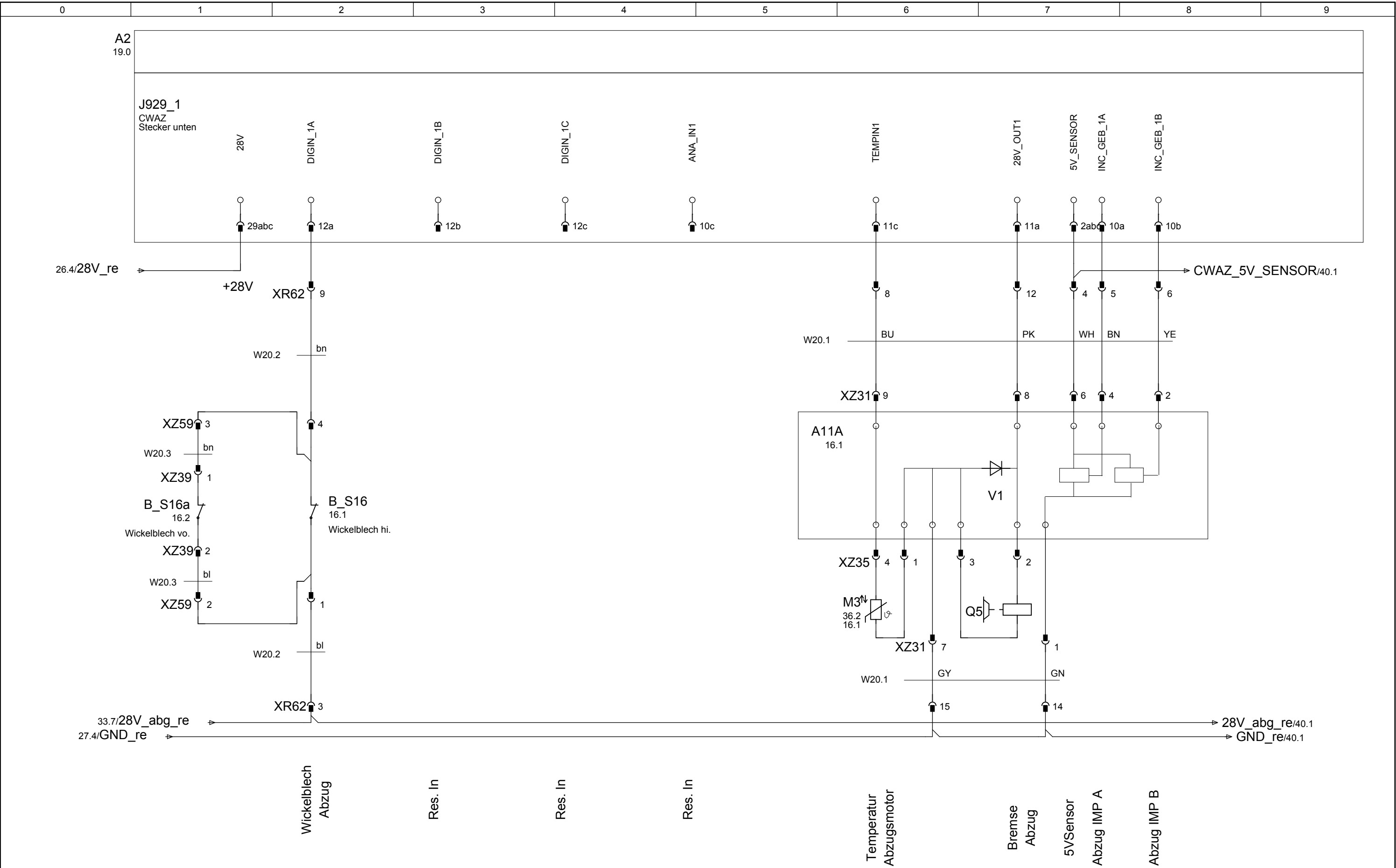
37.1/SL1_RE ➔



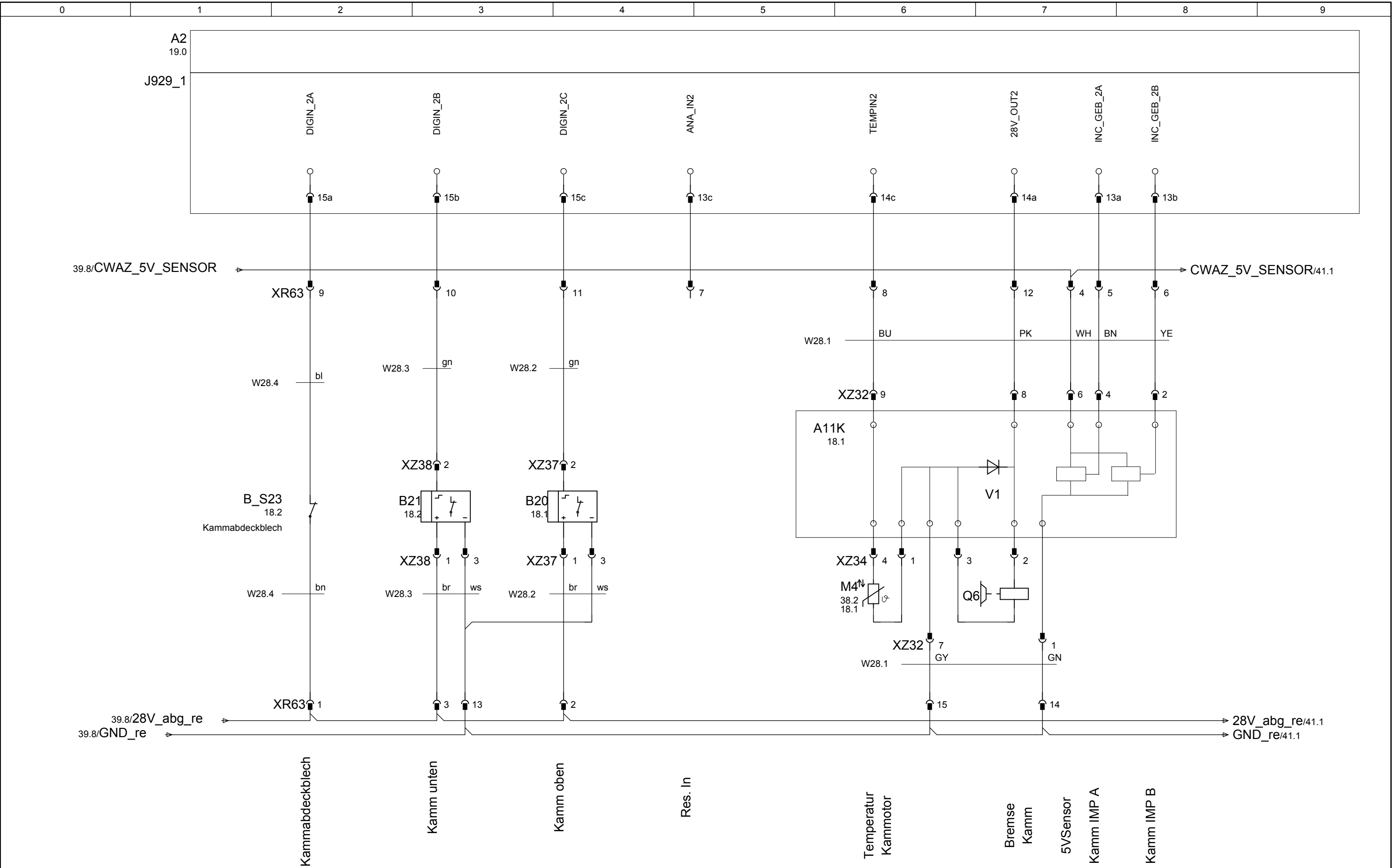
Motor Kamm
5XX / 7XX / 8XX



Motor Kammhaken



			Datum		STOLL KNIT AHEAD			H.Stoll GmbH & Co. KG		Signale Abzug XR62		Id.Nr. 257 279		=	
			Bearb.	KEH										+	
			Gepr.	01.10.12											
Änderung	Datum	Name	Norm		Urspr.	Ers.f.		Ers.d.				Ä.St.01		Bl.	39
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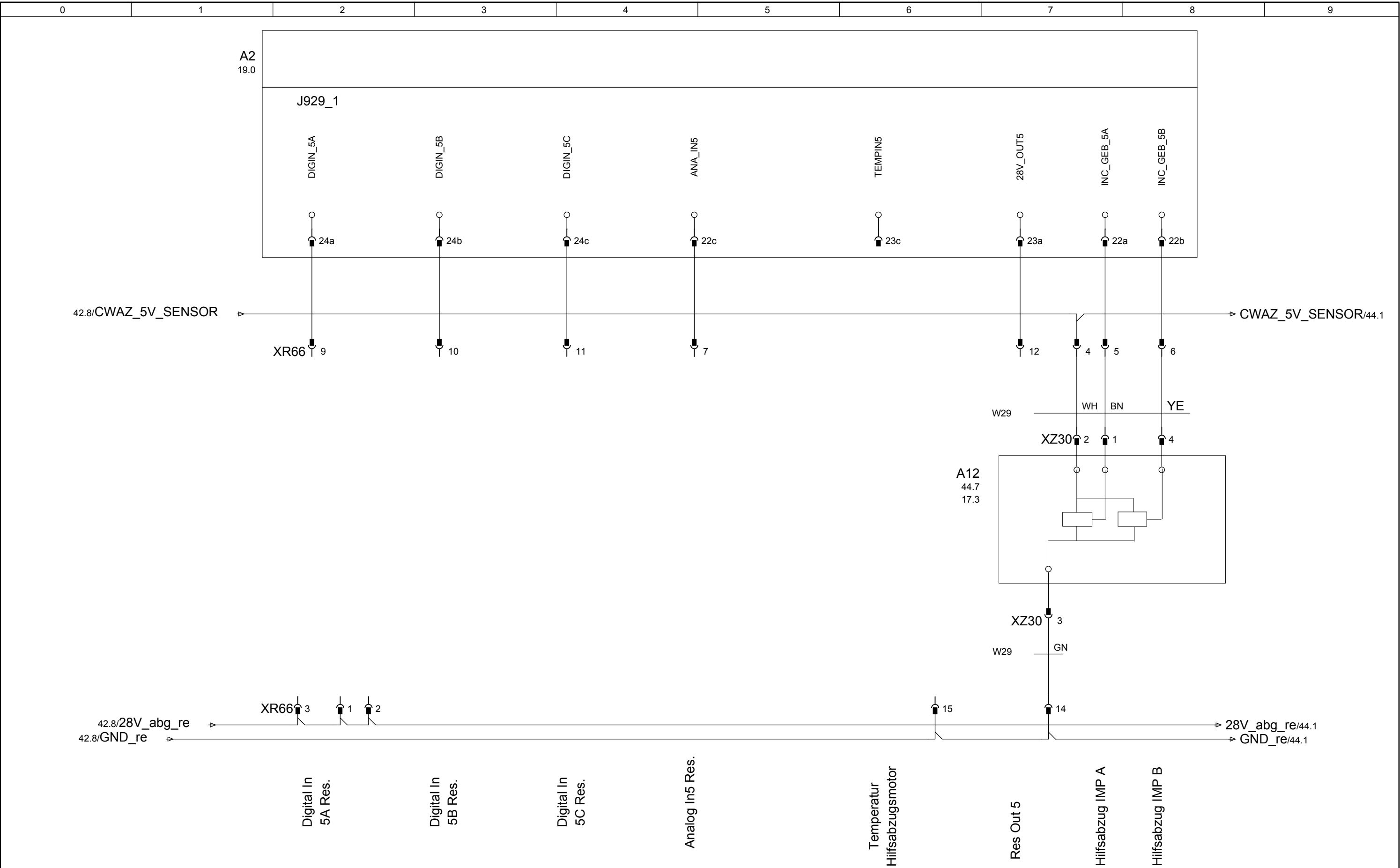


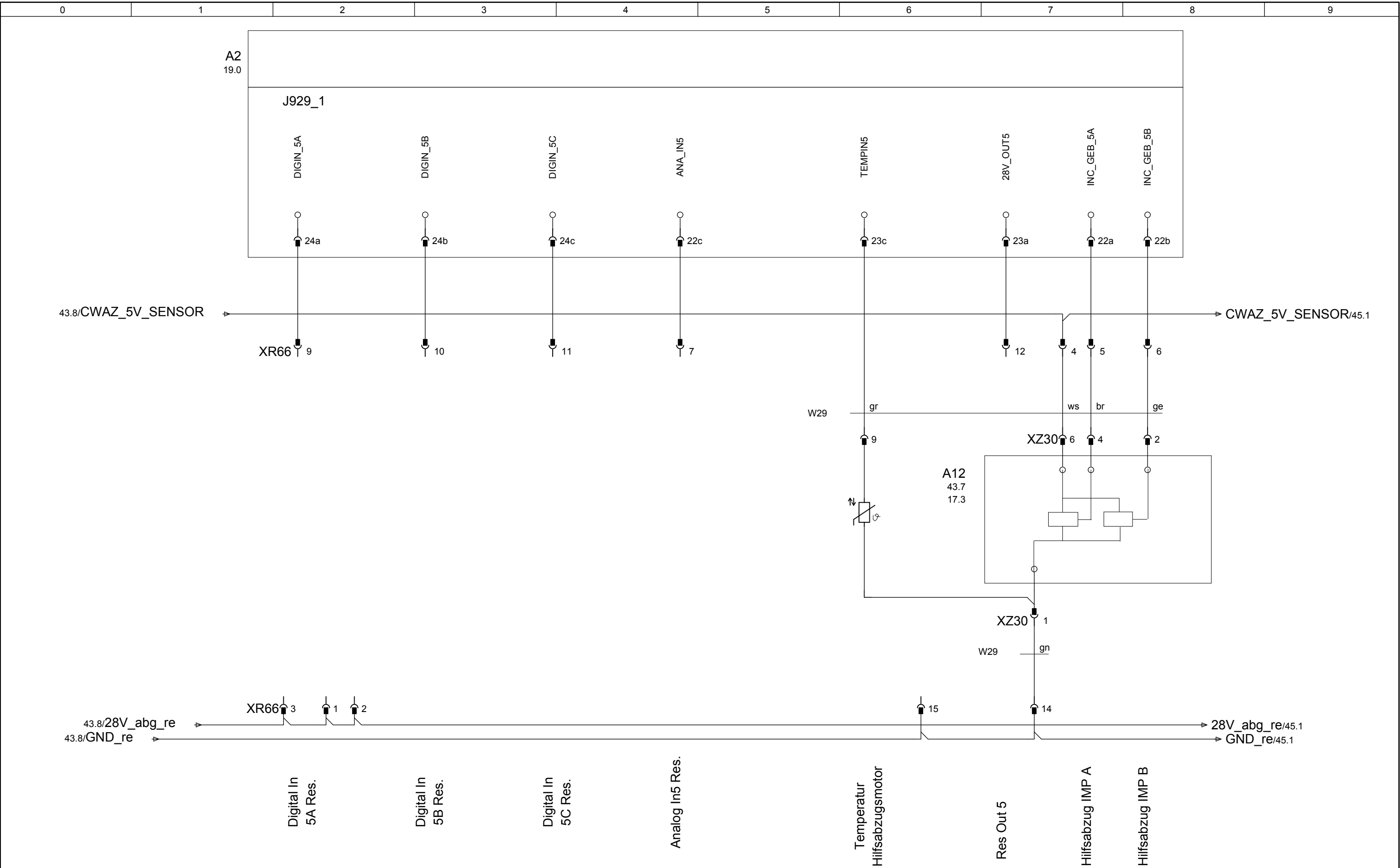
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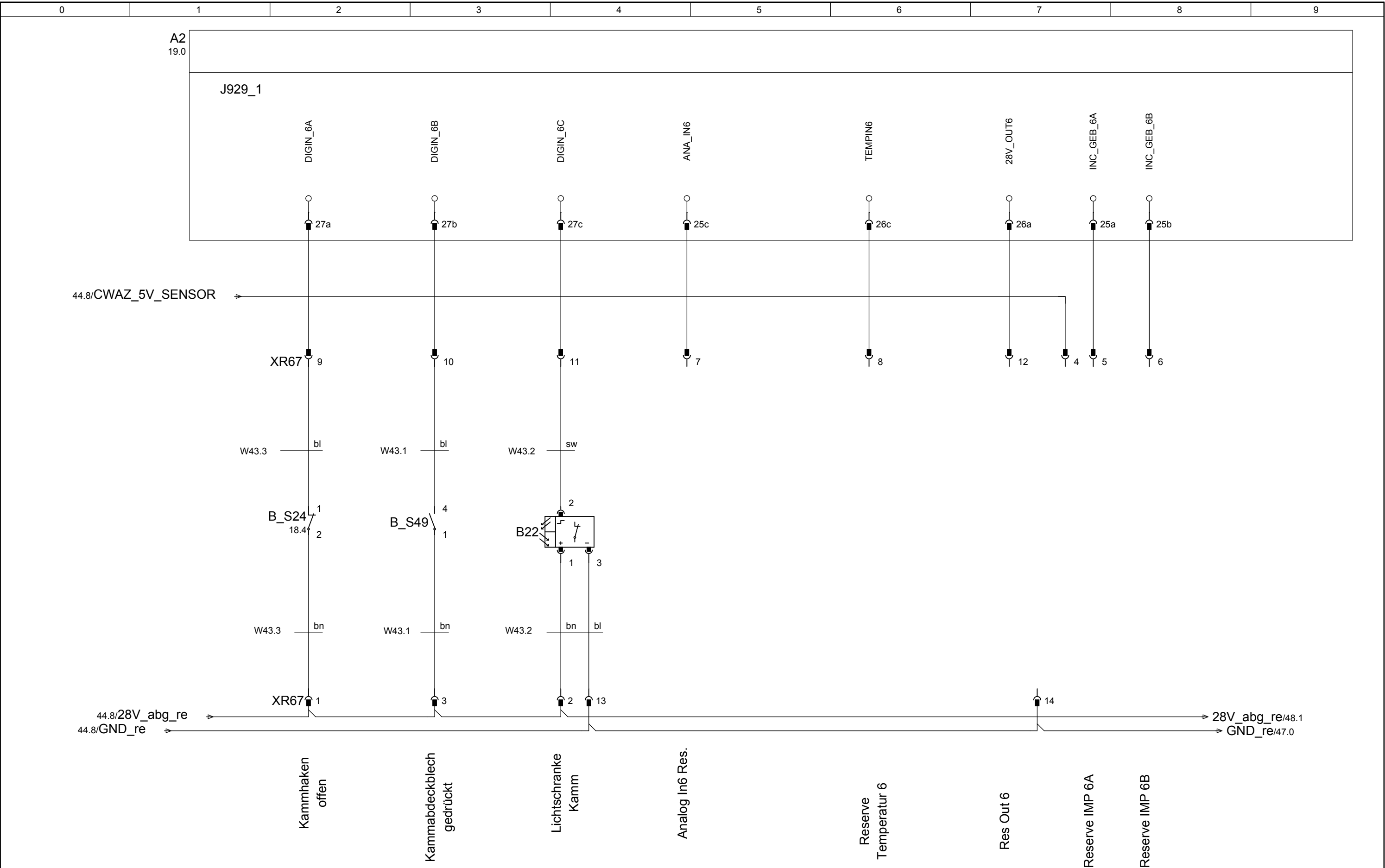


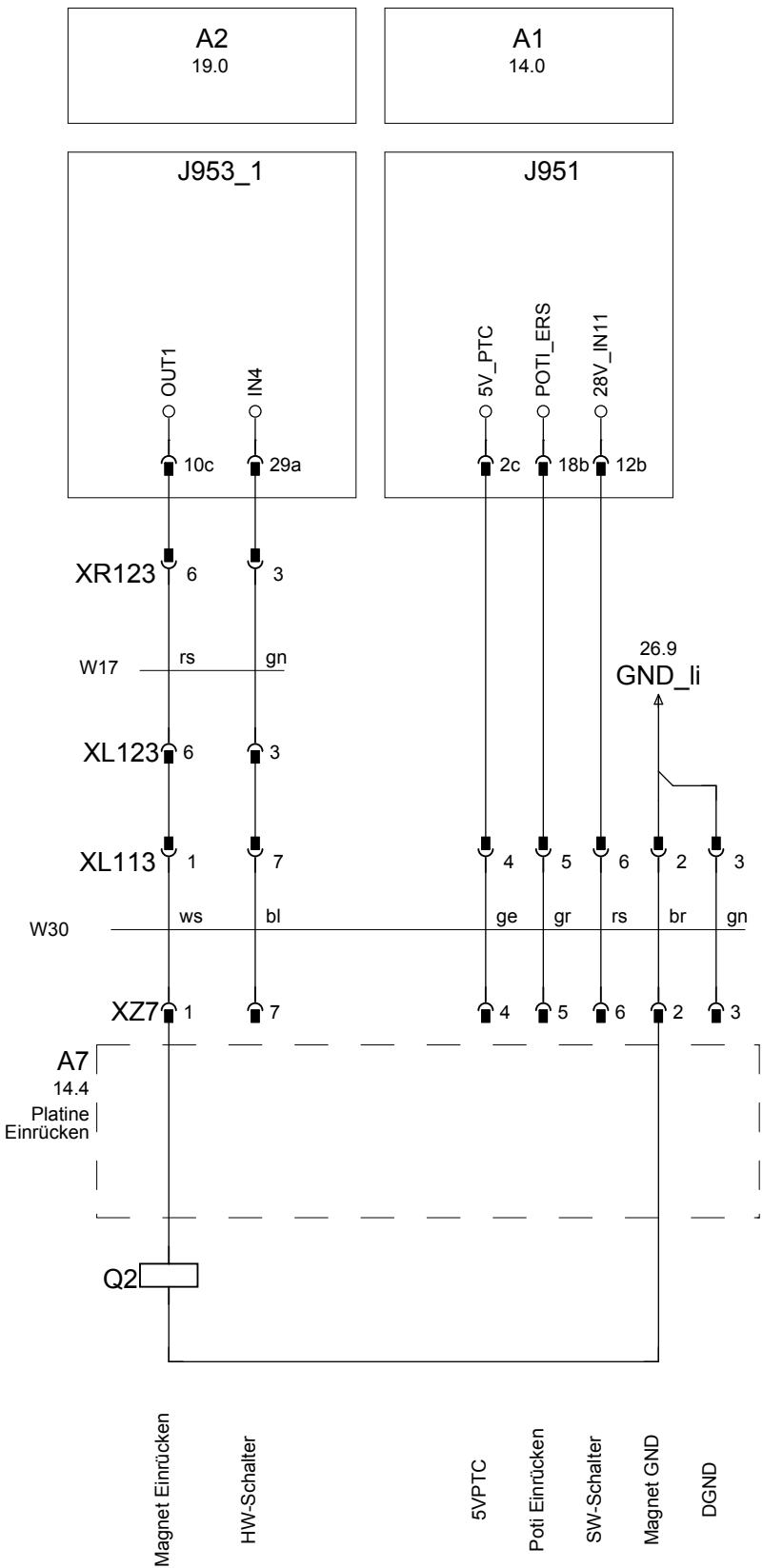
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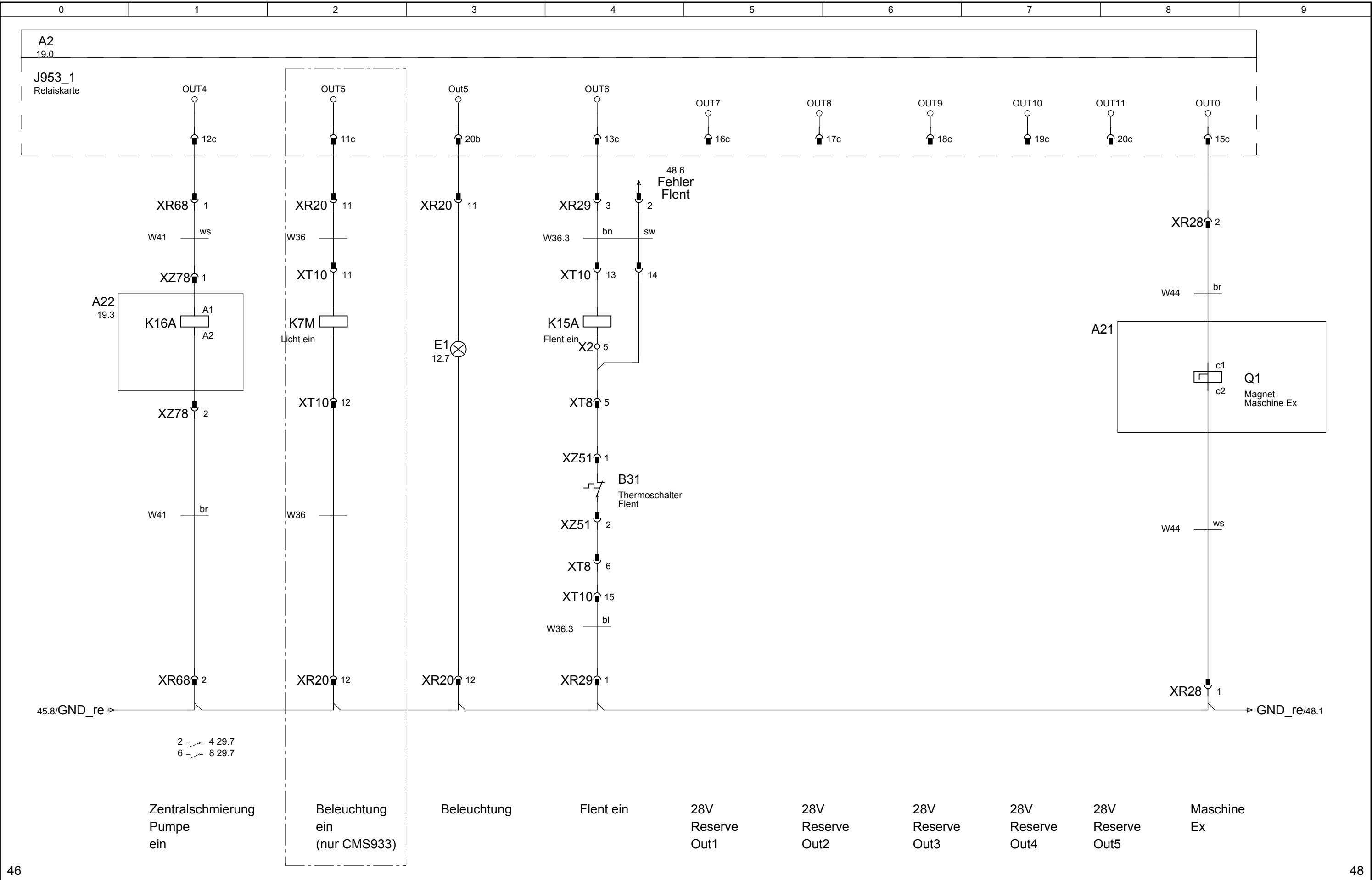


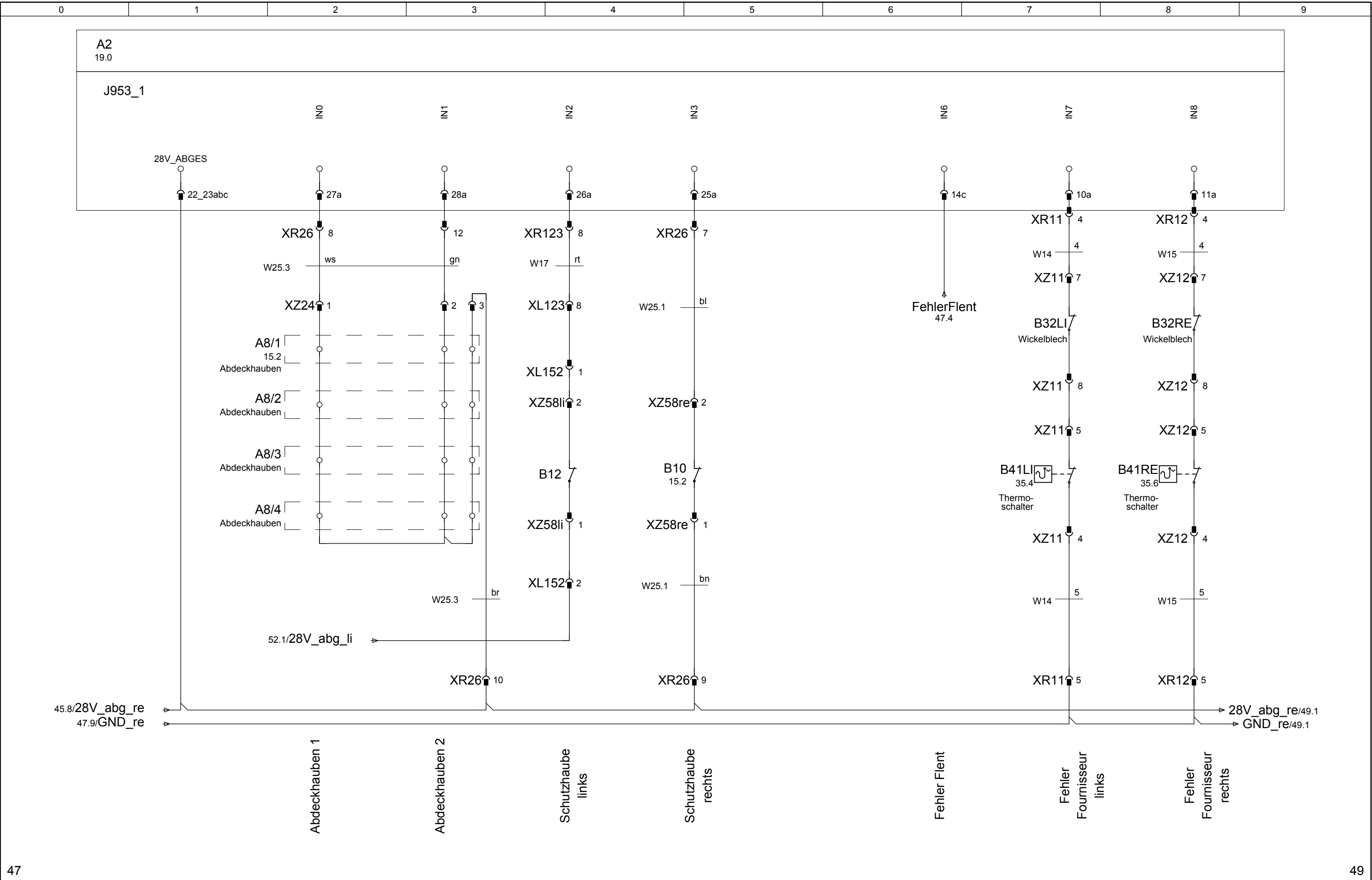


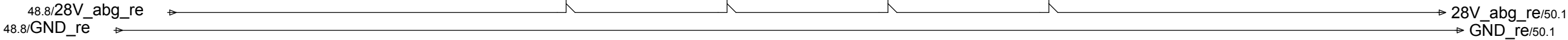
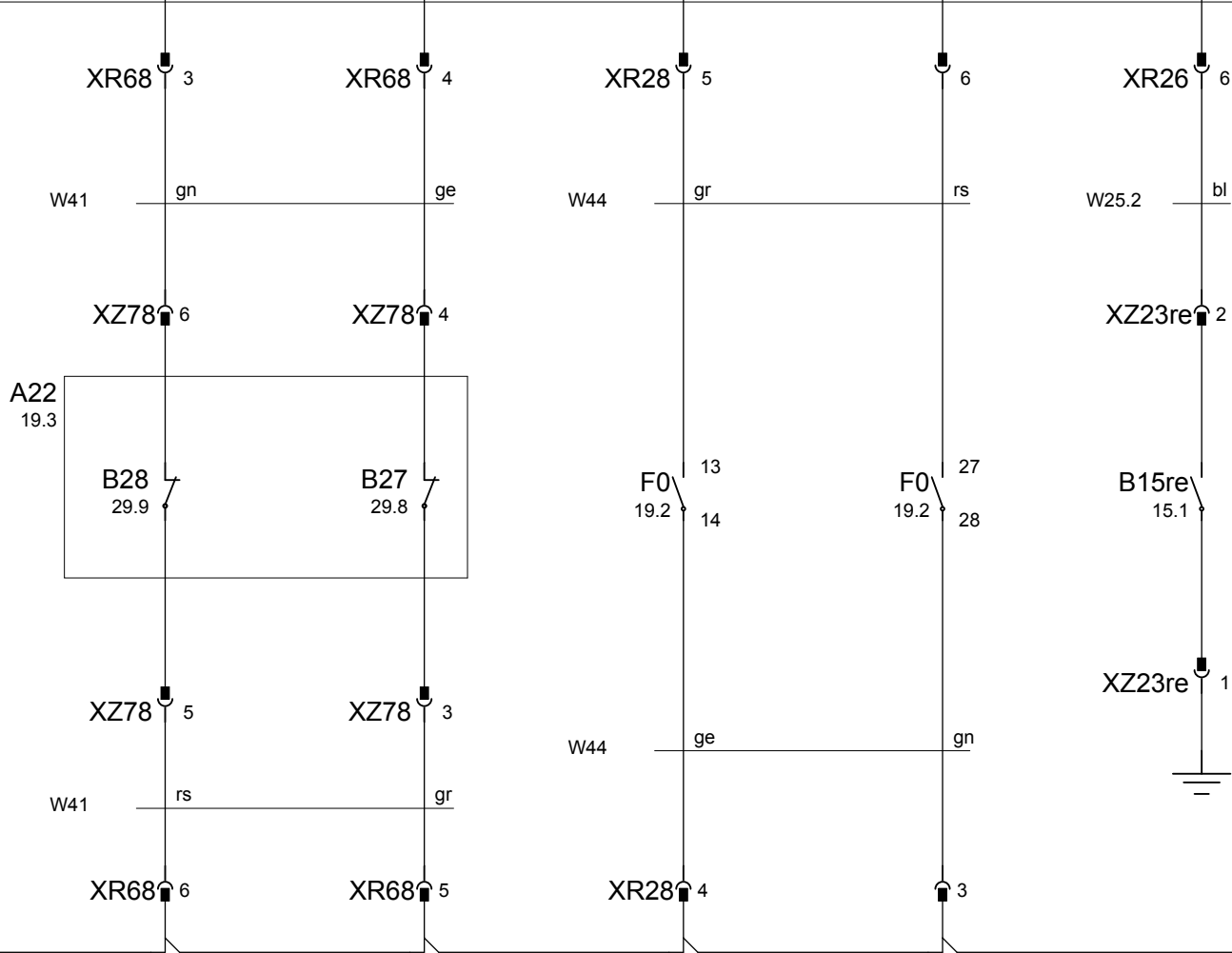
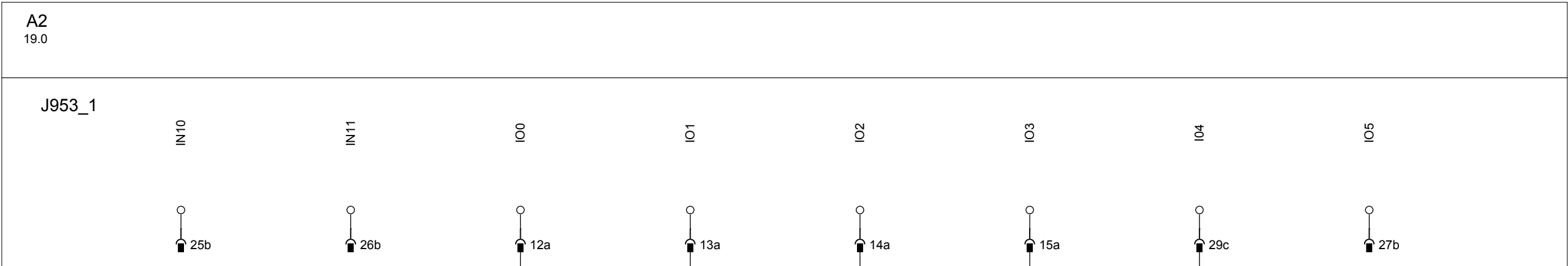












28V Reserve
In1

28V Reserve
In2

Zentralschmierung
Druckschalter

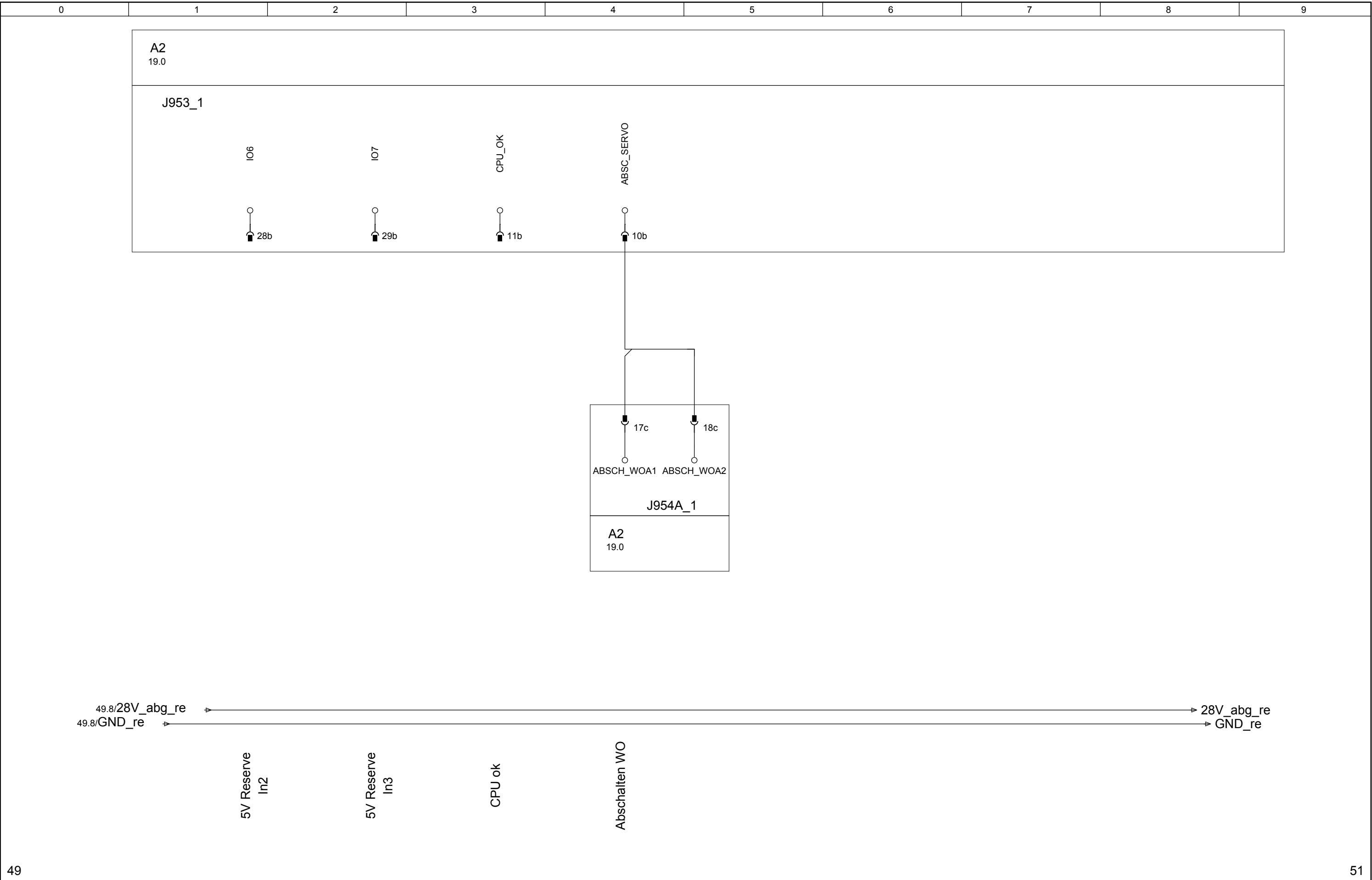
Zentralschmierung
Füllstand

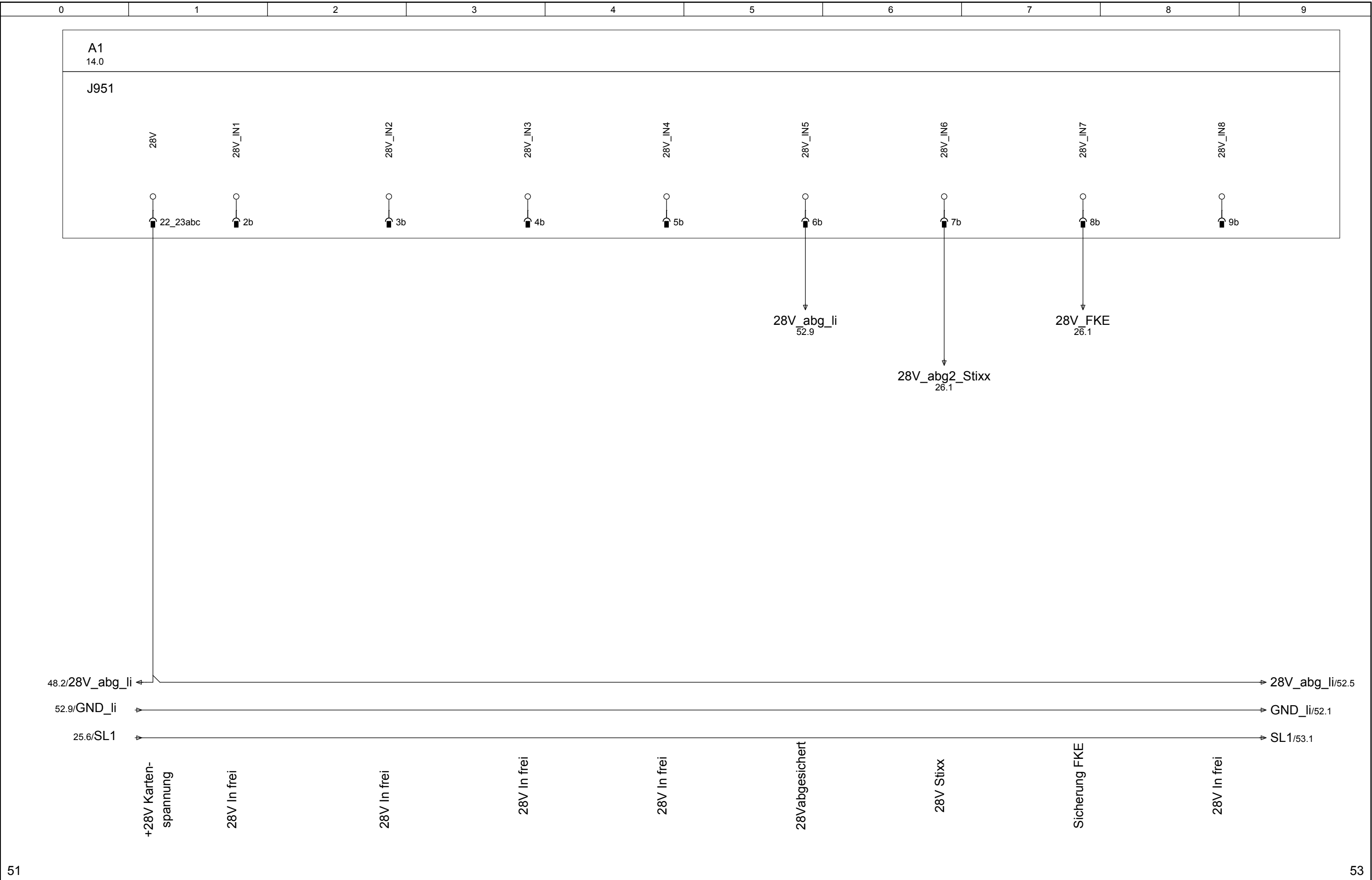
Hauptkontakte
offen

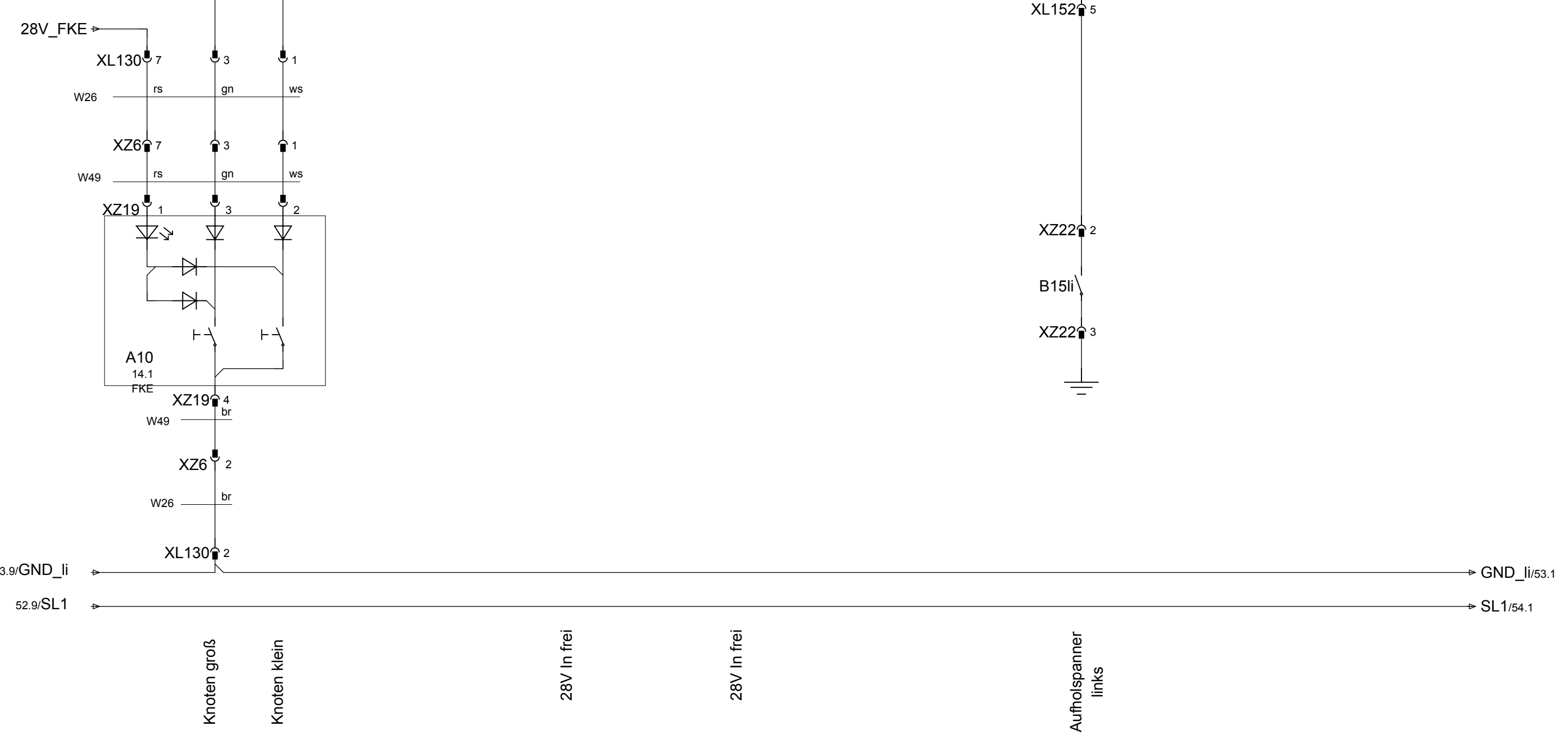
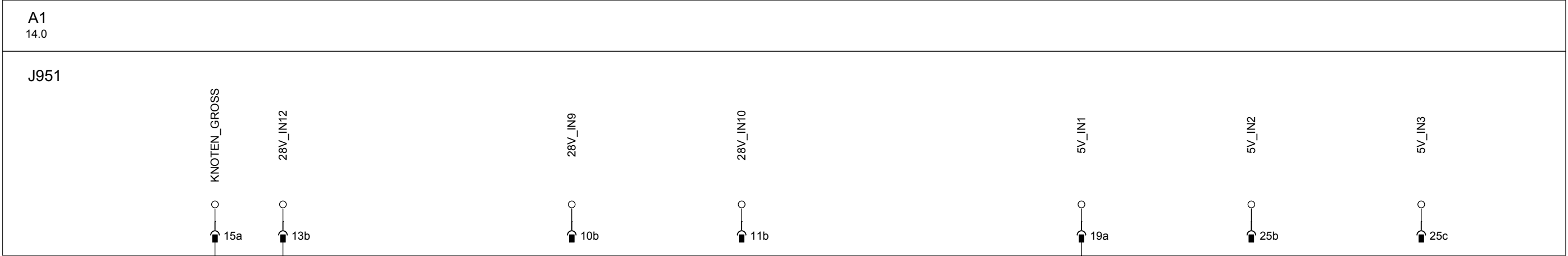
Hauptschalter
ausgelöst

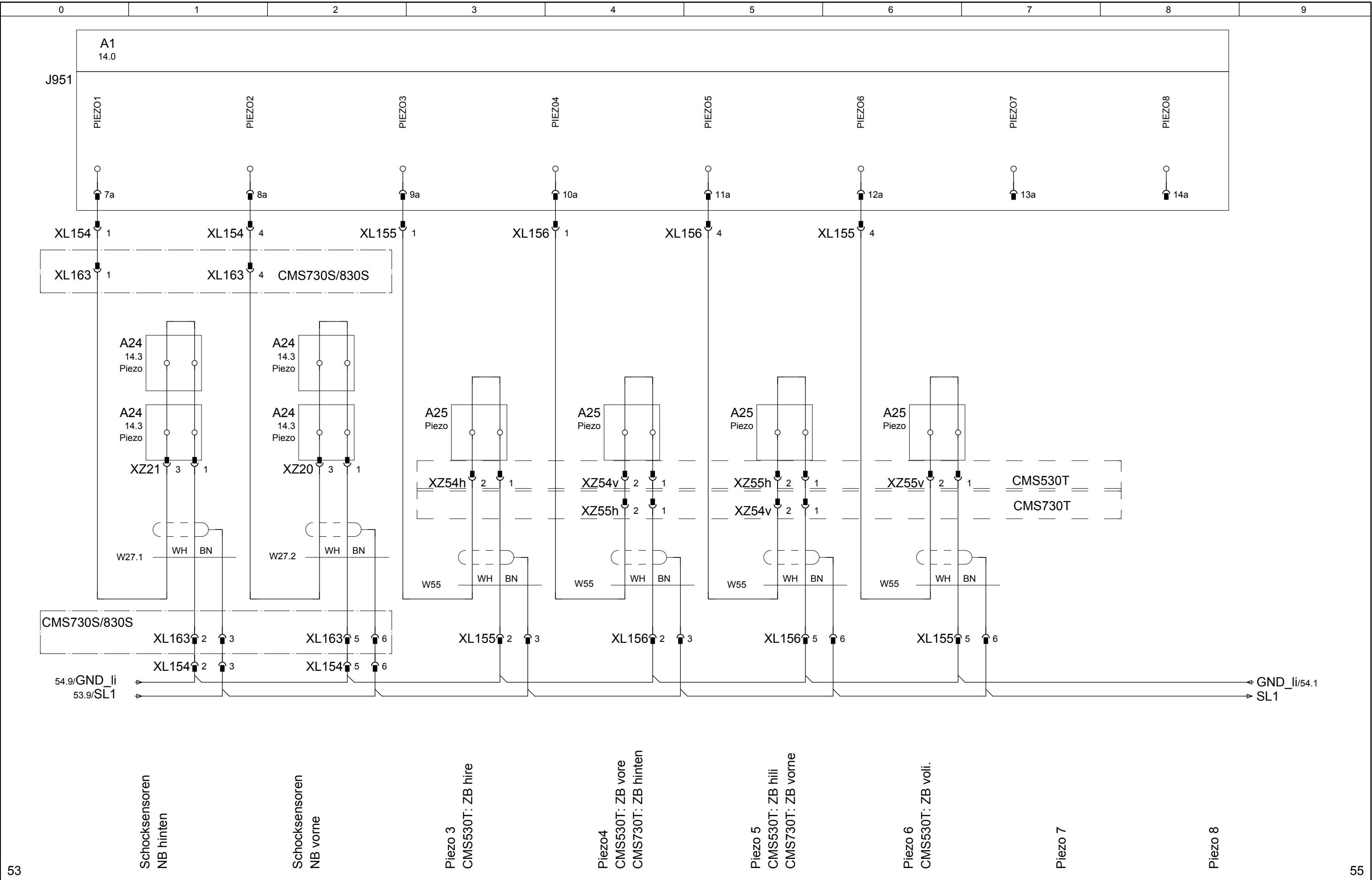
Aufholspanner
rechts

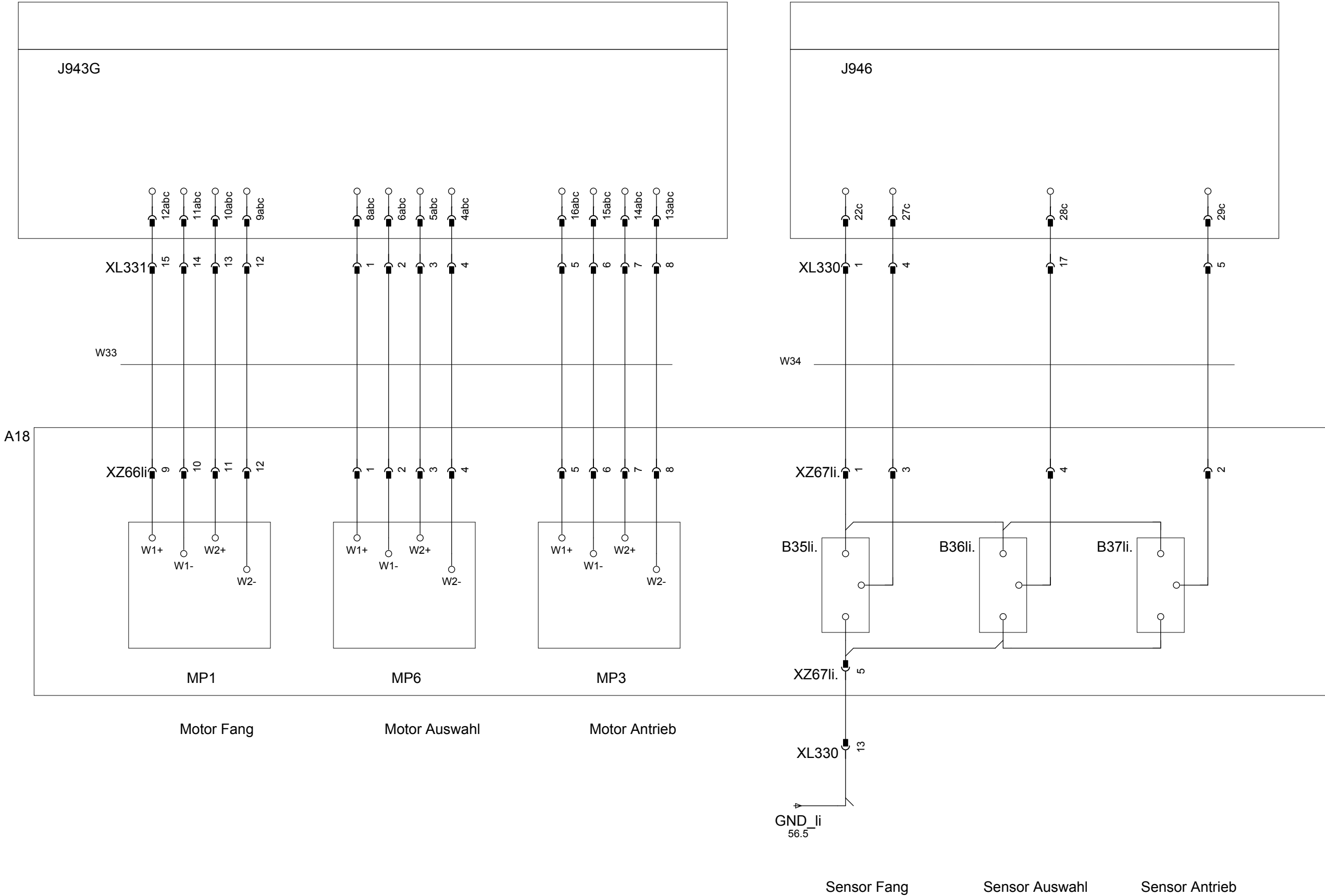
5V Reserve
In1

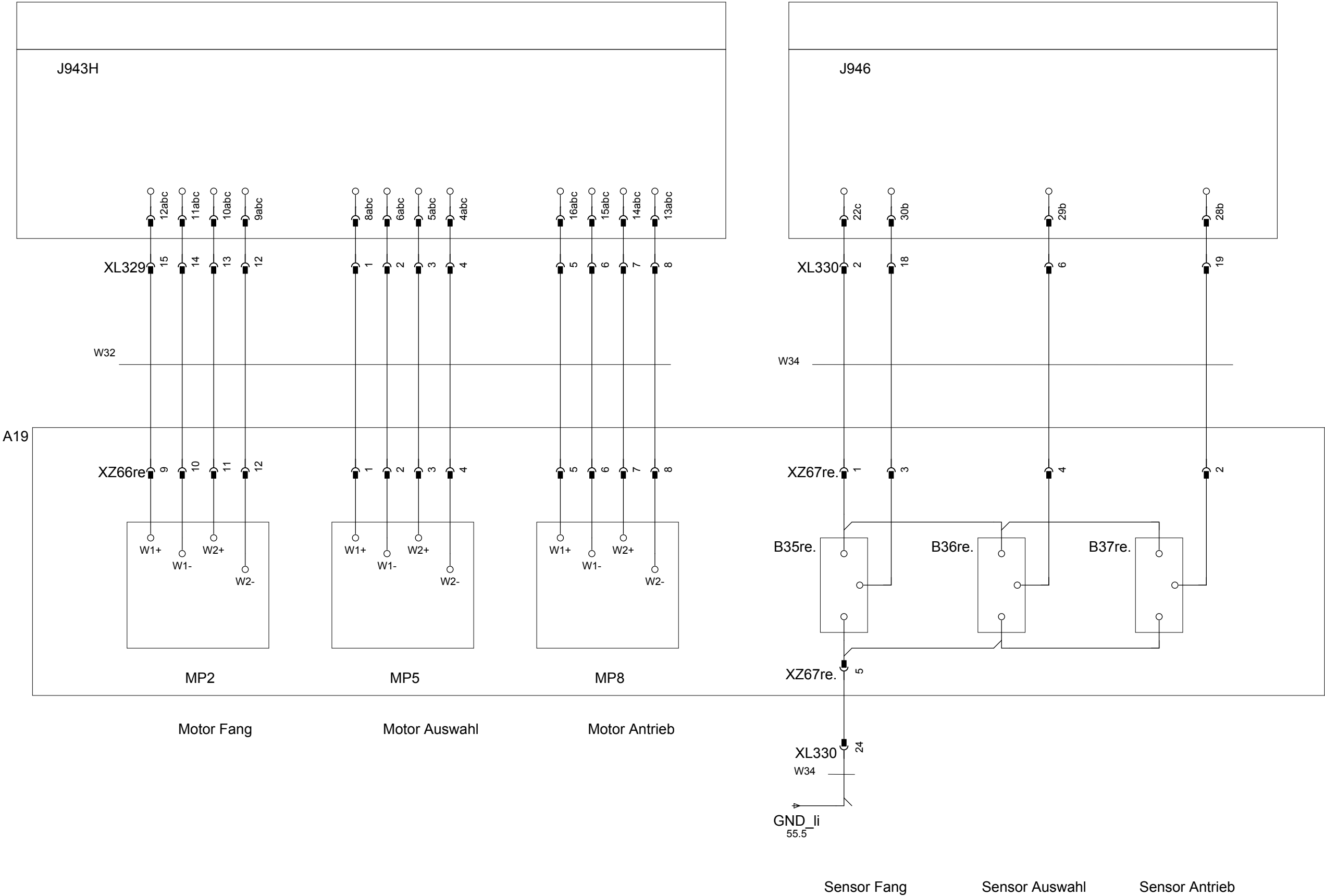


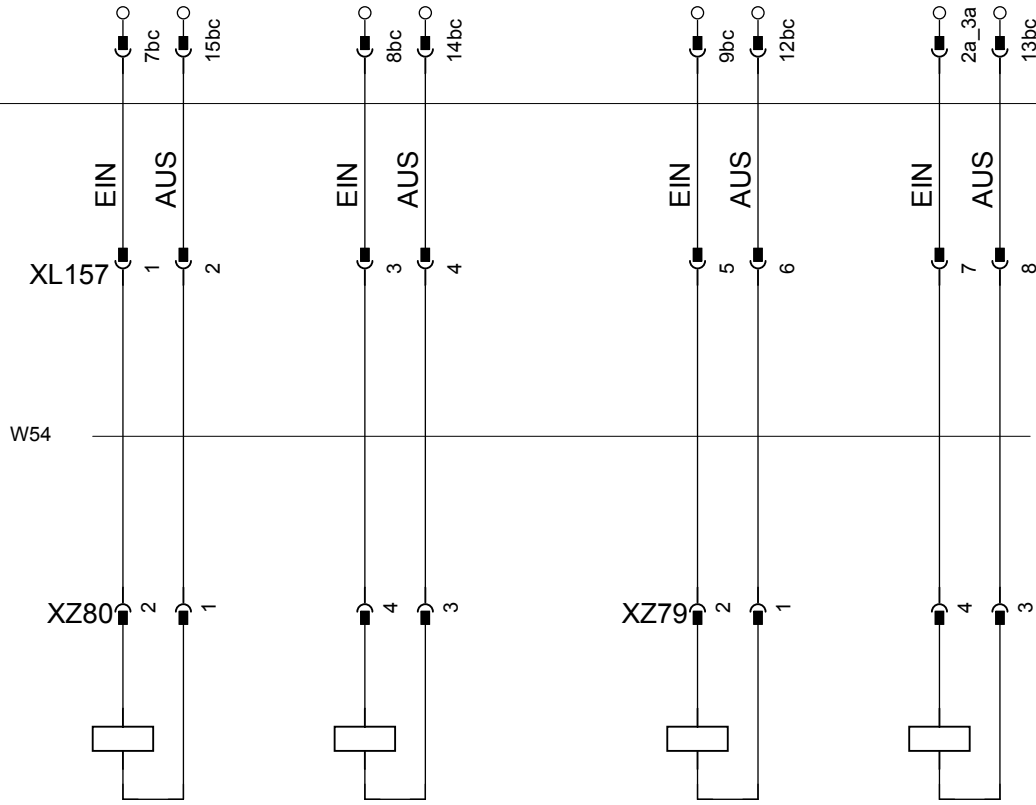
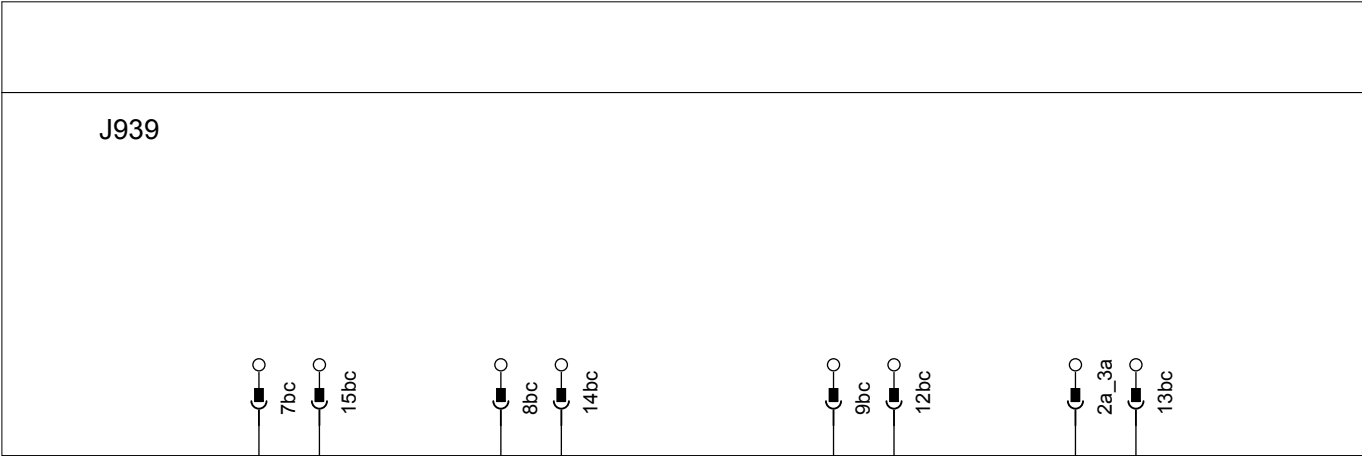












Klemmagnet
rechts

Hubmagnet
rechts

Klemmagnet
links

Hubmagnet
links