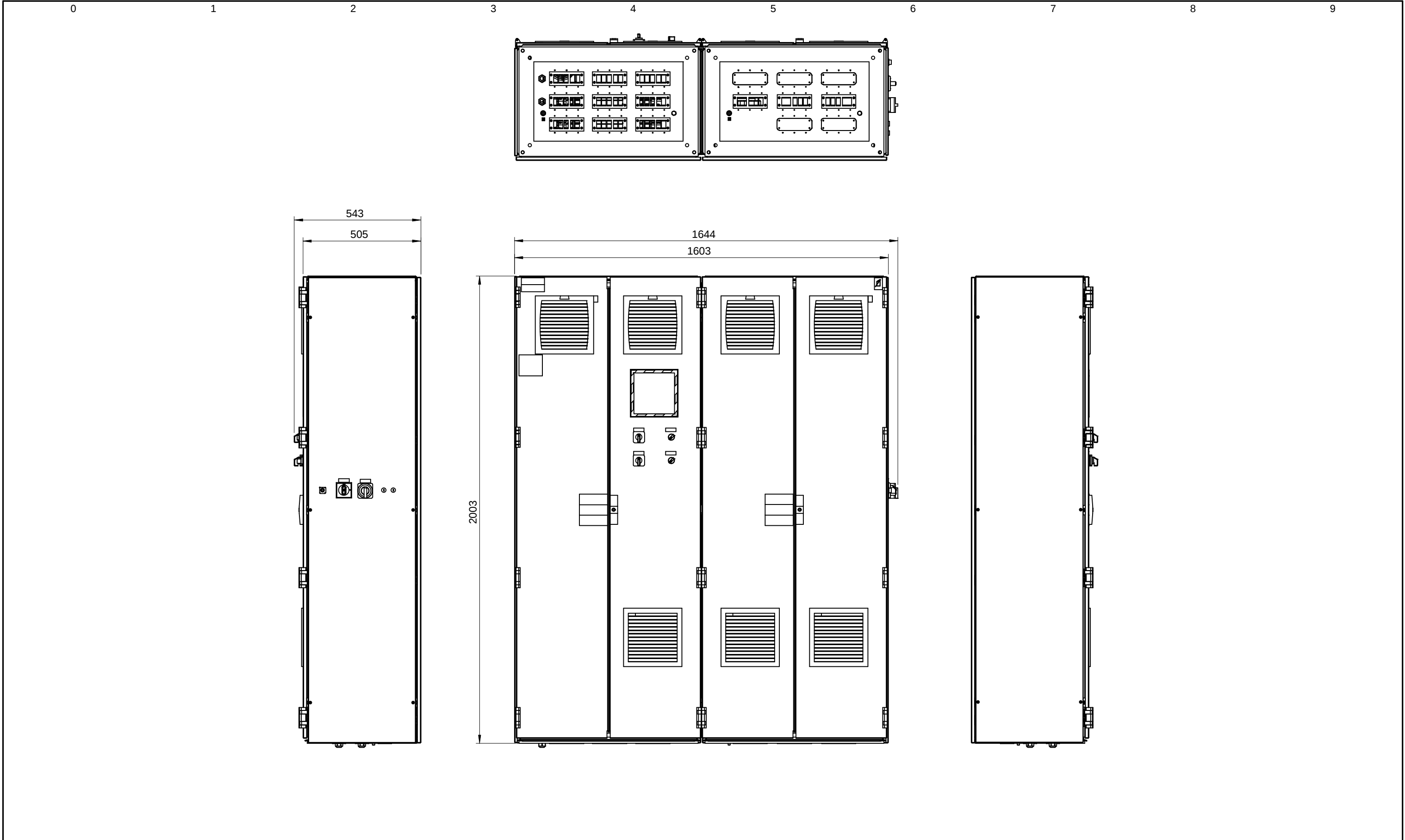
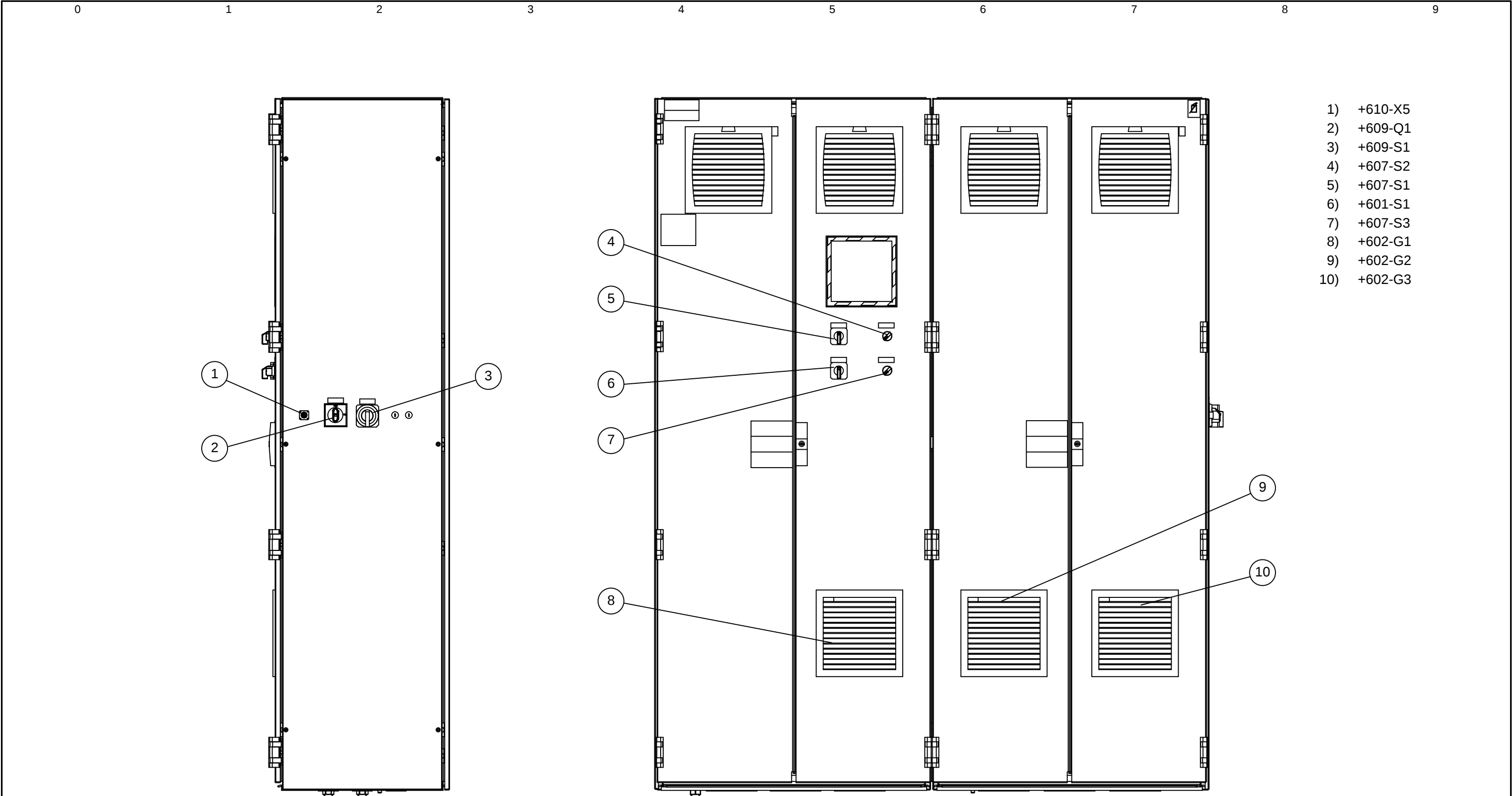
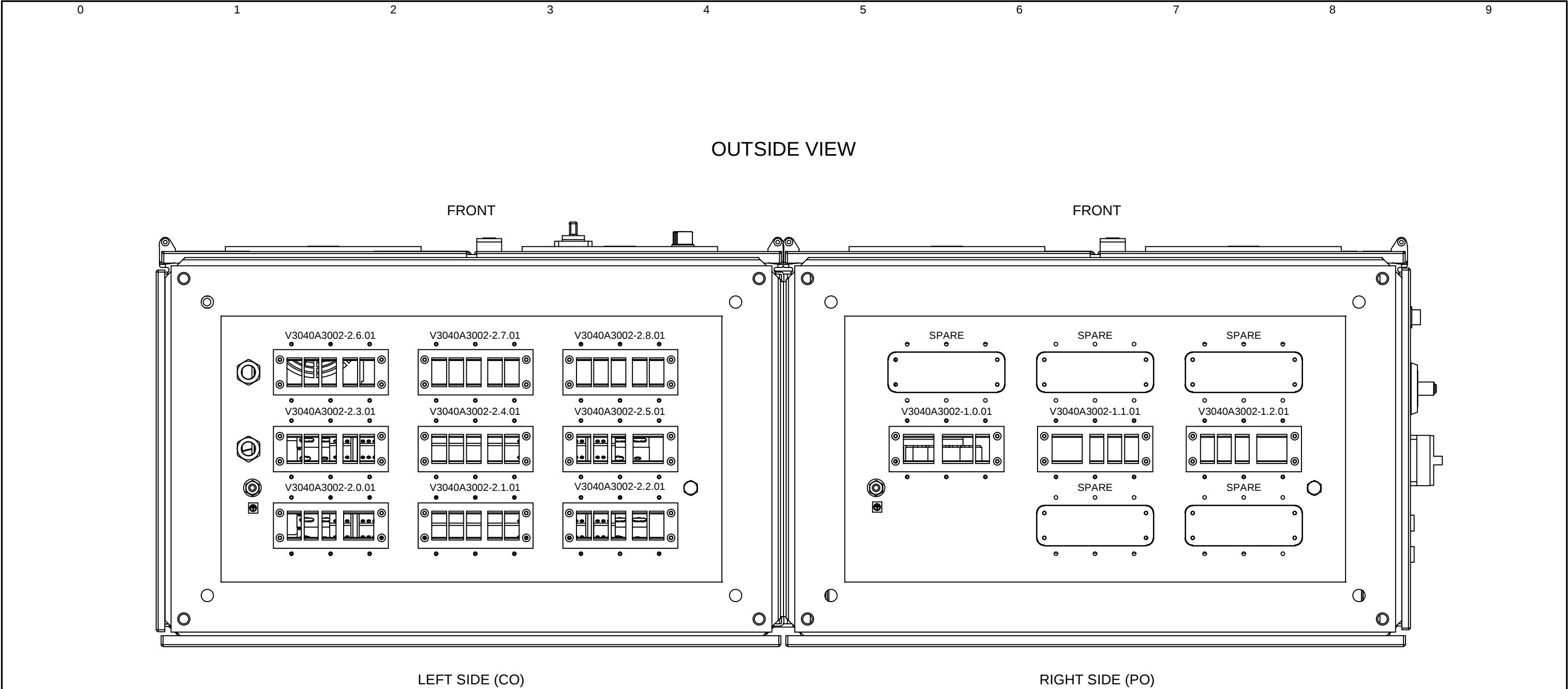




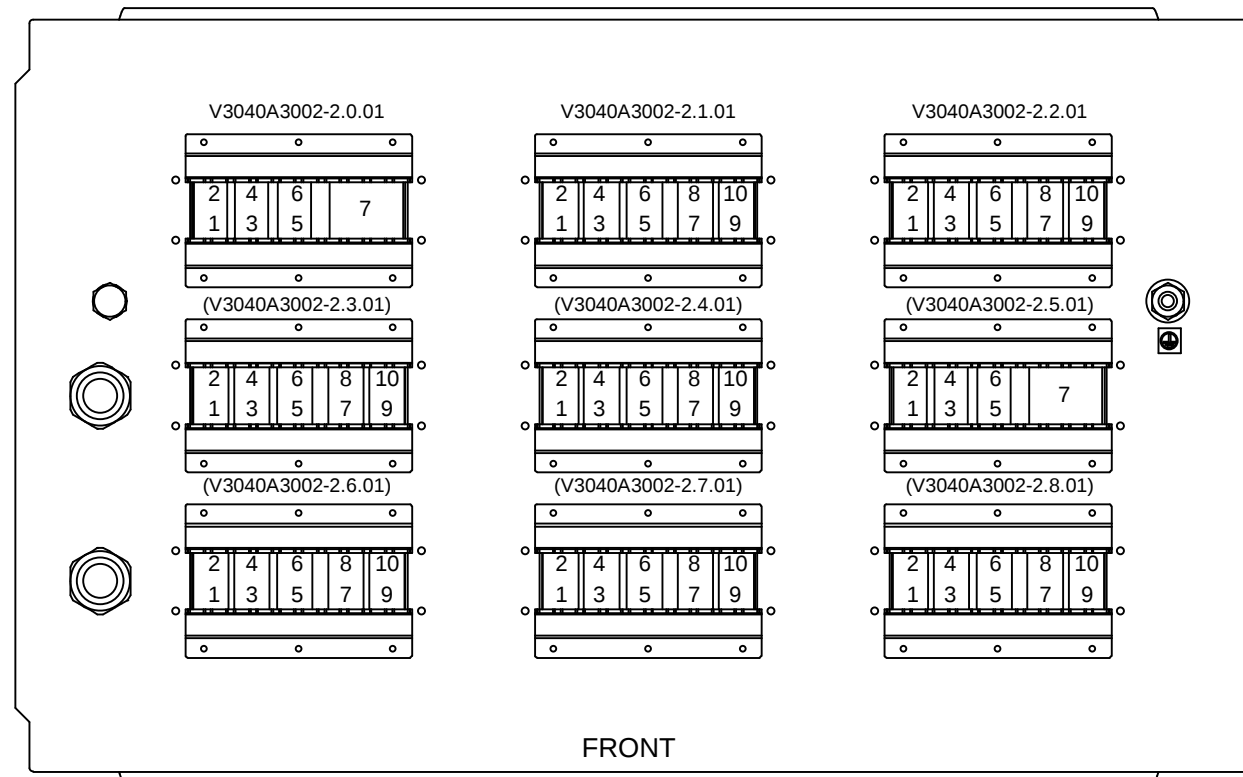
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		kk-responsible	Item-no.		ZCD-no:	L-1		
		JASOE/mebje	V3040A3002		1040046			
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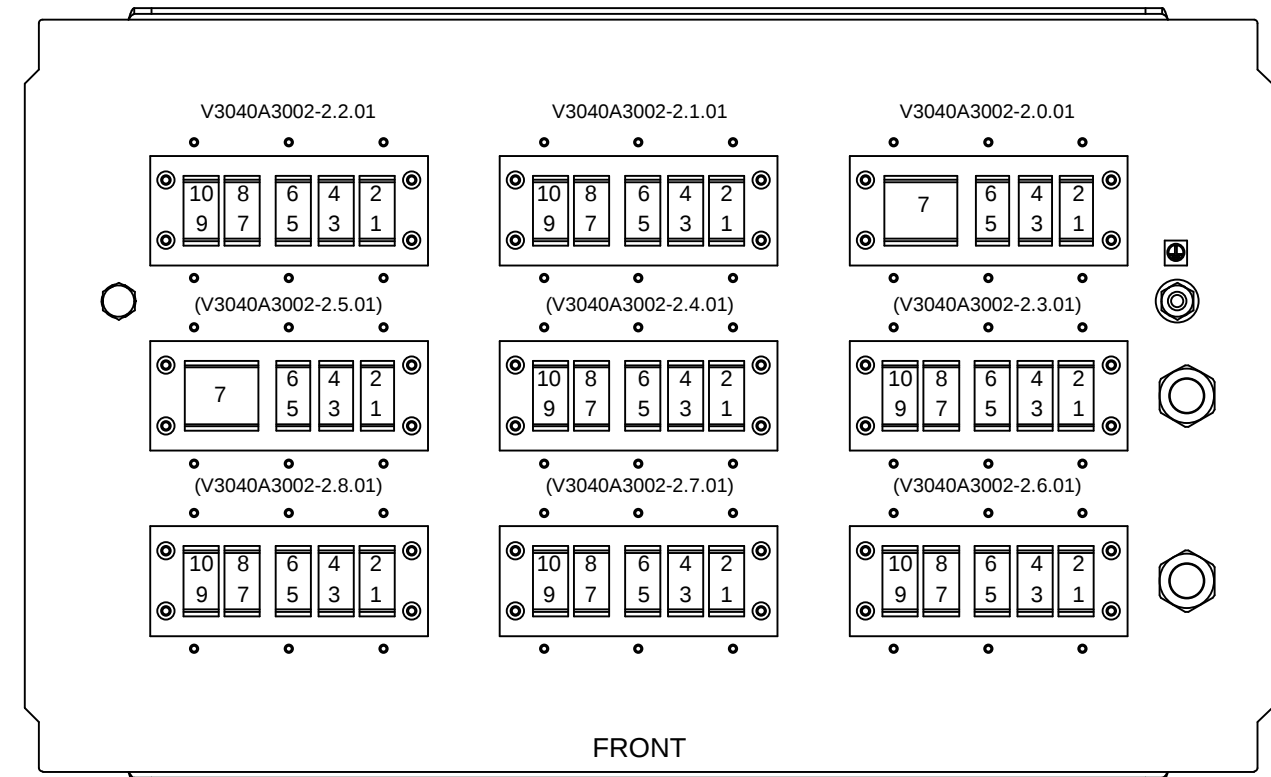
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- 3) +609-S1
- 4) +607-S2
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- 6) +601-S1
- 7) +607-S3
- 8) +602-G1
- 9) +602-G2
- 10) +602-G3



INSIDE VIEW



OUTSIDE VIEW



V3040A3002-2.0.01	1	509.W1	509.X1	7G1,5 LIHCH	10	KT10	ST10	KEL 24/7	
	2	608.W4	608.X4	2X1 LIHCH	6	KT6	ST6		
	3	100.W2	100.X2	3G1,5 LSOH	9	KT9	ST9		
	4	A9.W1/A20.W1	A9.X1/A20.X1	3G1,5 LIHCH	9	KT2/7	ST7		
	5	609.W1	609.X6	3G1,5 LSOH	9	KT9	ST9		
	6	701.W3	701.X3	12G1,5 LIHCH	12	KT13	ST13		
	7	+A202.809-W3	609.X6	15G2,5 LIHCH	18	KT18	ST18		
V3040A3002-2.1.01	1	405.W1.1	405.X1	2G1LIHCH	6	KT6	ST6	KEL 24/10	
	2	405.W1.2	405.X1	2G1LIHCH	6	KT6	ST6		
	3	405.W1.3	405.X1	2G1LIHCH	6	KT6	ST6		
	4	405.W1.4	405.X1	2G1LIHCH	6	KT6	ST6		
	5	405.W1.5	405.X1	2G1LIHCH	6	KT6	ST6		
	6	401.W2.1	401.X2	2G1LIHCH	6	KT6	ST6		
	7	401.W2.2	401.X2	2G1LIHCH	6	KT6	ST6		
	8	SPARE	-	-	-	BTK	-		
	9	A9.W2	A9.X2	7G1,5 LIHCH	9	KT9	ST9		
	10	A9.W3	A9.X3	2x1 LIHCH	6	KT6	ST6		
V3040A3002-2.2.01	1	SPARE	-	-	-	BTK	-	KEL 24/10	
	2	SPARE	-	-	-	BTK	-		
	3	A14.W2	A14.X2/A14.X3	12X1 LIHCH	11	KT11	ST11		
	4	A20.W2	A20.X2	7X1,5 LIHCH	9	KT9	ST9		
	5	A27.W1	A27.X1	3x1 LIHCH	7	KT7	ST7		
	6	A28.W1	A28.X1	2x1 LIHCH	6	KT6	ST6		
	7	A29.W1	A29.X1	2x1 LIHCH	6	KT6	ST6		
	8	A47.W1	A47.X1	3x0,25 LIHCH	4	KT4	ST4		
	9	A62.W1	A62.X1	3G1,5 LIHCH	7	KT7	ST7		
	10	A14.W1	A14.X1	3G1,5 LSOH	9	KT9	ST9		



kk-electronic a/s

SIEMENS

Date

2014-05-28

Rev. Date

kk-responsible

Item-no.

JASOE/mebje

V3040A3002

ZCD-no:

1040046

SWT-4.0

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

Page Content

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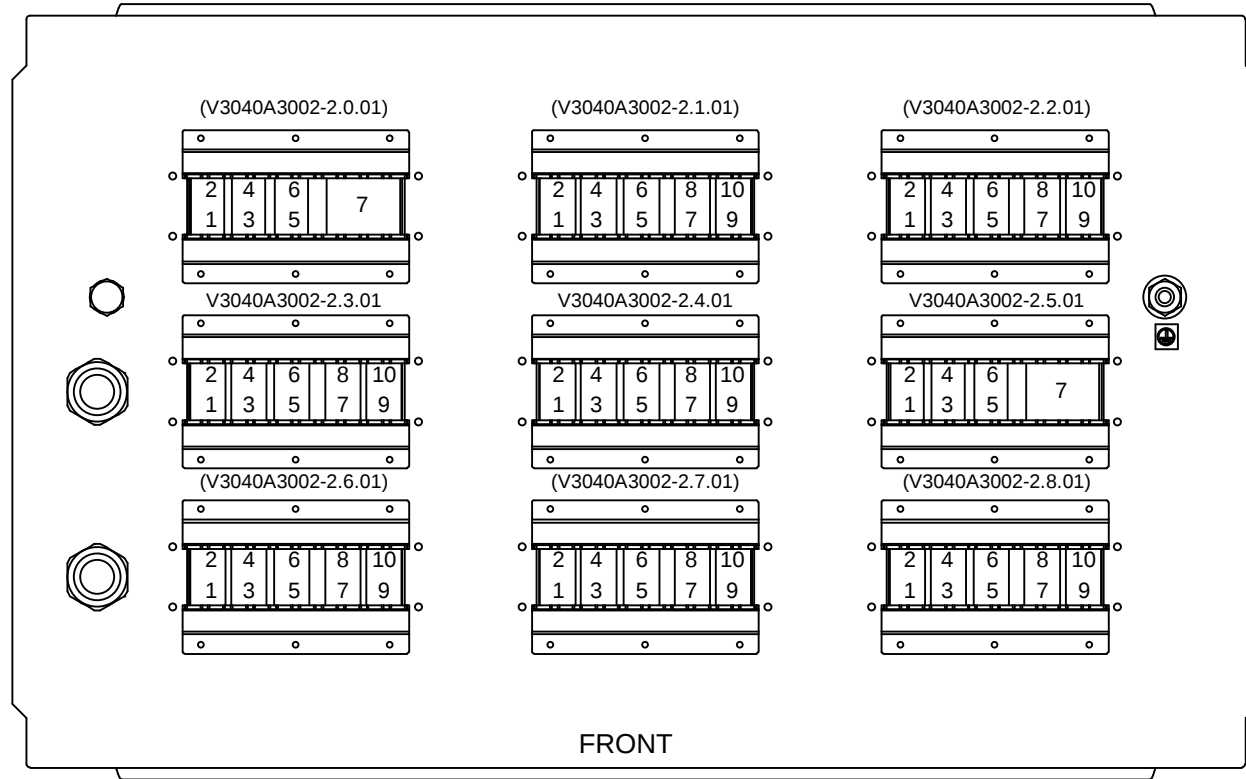
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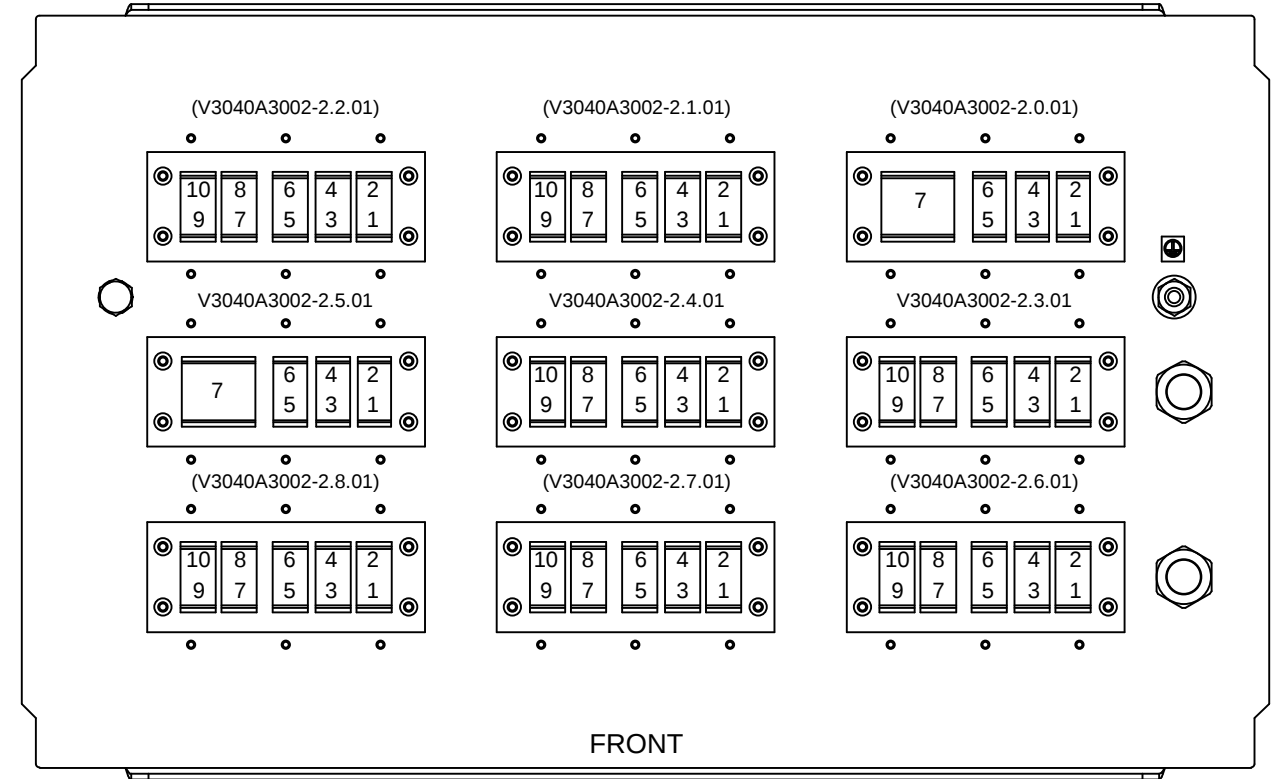
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+A3/L-5

INSIDE VIEW



OUTSIDE VIEW



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	2	103.W1	103.X1	25X0,50 LIHCH	-	KT13	ST5		
	3	603.W6	603.X6	3x0,5 LIHCH	5	KT5	ST6		
	4	104.W1	104.X1	2X1,5 LIHCH	6	KT6	ST4		
	5	104.W2	104.X2	3x0,25 LIHCH	-	KT4	ST6		
	6	104.W3	104.X3	5x0,34 LIHCH	6	KT6	ST6		
	7	205.W1	205.X1	2x1 LIHCH	6	KT6	ST6		
	8	206.W1.1-1.2	206.X1	2x1 LIHCH	4	KT2/6	ST6		
	9	607.W1	607.X1/607.X2	12X1 LIHCH	11	KT11	ST6		
	10	206.W1.3-1.4	206.X1	2x1 LIHCH	4	KT2/6	ST6		
V3040A3002-2.4.01	1	206.W3	206.X3	2x1 LIHCH	6	KT6	ST6	KEL 24/10	
	2	206.W4	206.X4	3X0,25 LIHCH	4	KT5	ST5		
	3	206.W5	206.X5	2x1 LIHCH	6	KT6	ST6		
	4	206.W6	206.X6	2x1 LIHCH	6	KT6	ST6		
	5	401.W1	401.X1	3x0,25 LIHCH	4	KT4	ST4		
	6	401.W4	401.X4	3x0,25 LIHCH	4	KT4	ST4		
	7	402.W2	402.X2	2x1 LIHCH	6	KT6	ST6		
	8	404.W1	404.X1	2X1 LIHCH	6	KT6	ST6		
	9	404.W2	404.X2	2x1 LIHCH	6	KT6	ST6		
	10	404.W3	404.X3	2x1 LIHCH	6	KT6	ST6		
V3040A3002-2.5.01	1	404.W4	404.X4	7G1,5 LIHCH	10	KT10	ST10	KEL 24/7	
	2	SPARE	-	-	-	BTK	ST7		
	3	603.W2	603.X2	3G1 LIHCH	7	KT7	ST9		
	4	609.W4	609.X4	3G1,5 LSOH	9	KT9	ST4		
	5	603.W3/603.W4	603.X3/603.X4	3X0,25 LIHCH	4	KT2/4	ST7		
	6	609.W5	609.X5	3G1,5 LIHCH	7	KT7	ST22		
	7	409.W1	409.X1	50G1 YCYD3-JZ	19,6	KT22			



kk-electronic a/s

SIEMENS

kk-responsible

JASOE/mebje

Date

2014-05-28

Item-no.

V3040A3002

Rev. Date

ZCD-no:

1040046

SWT-4.0

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

Page Content

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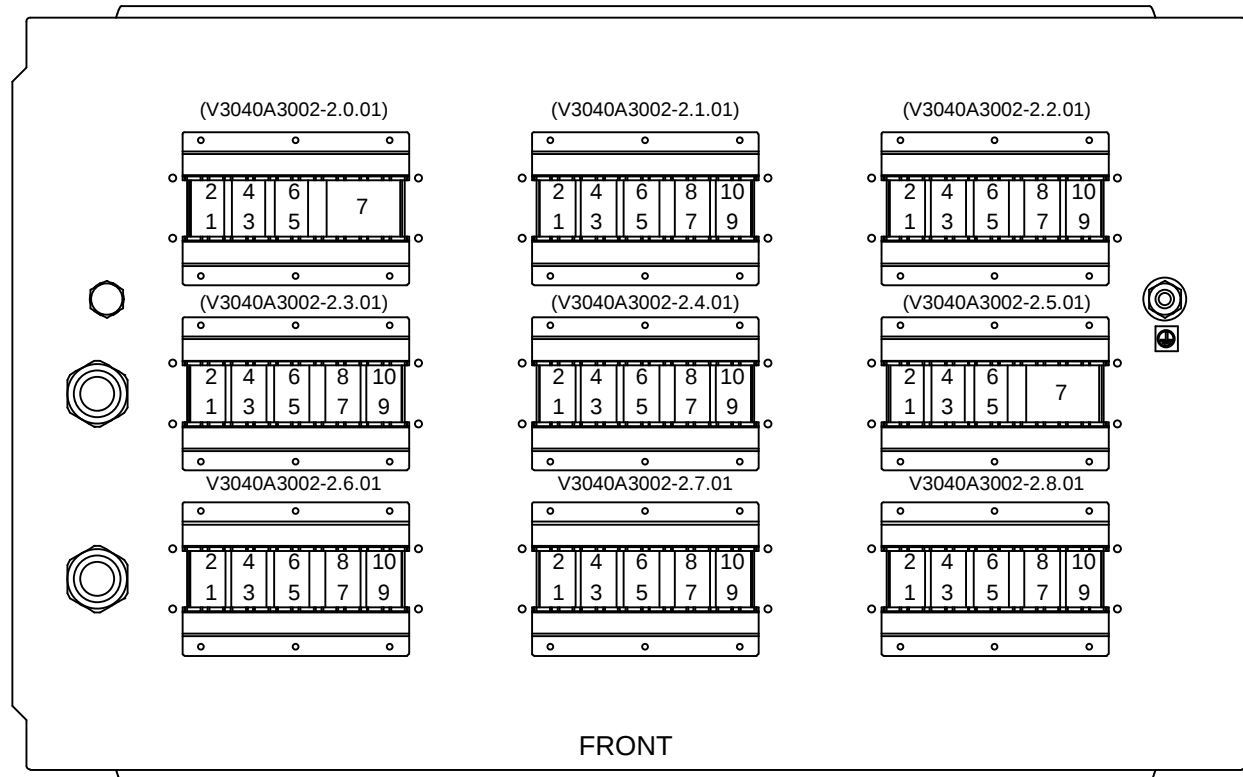
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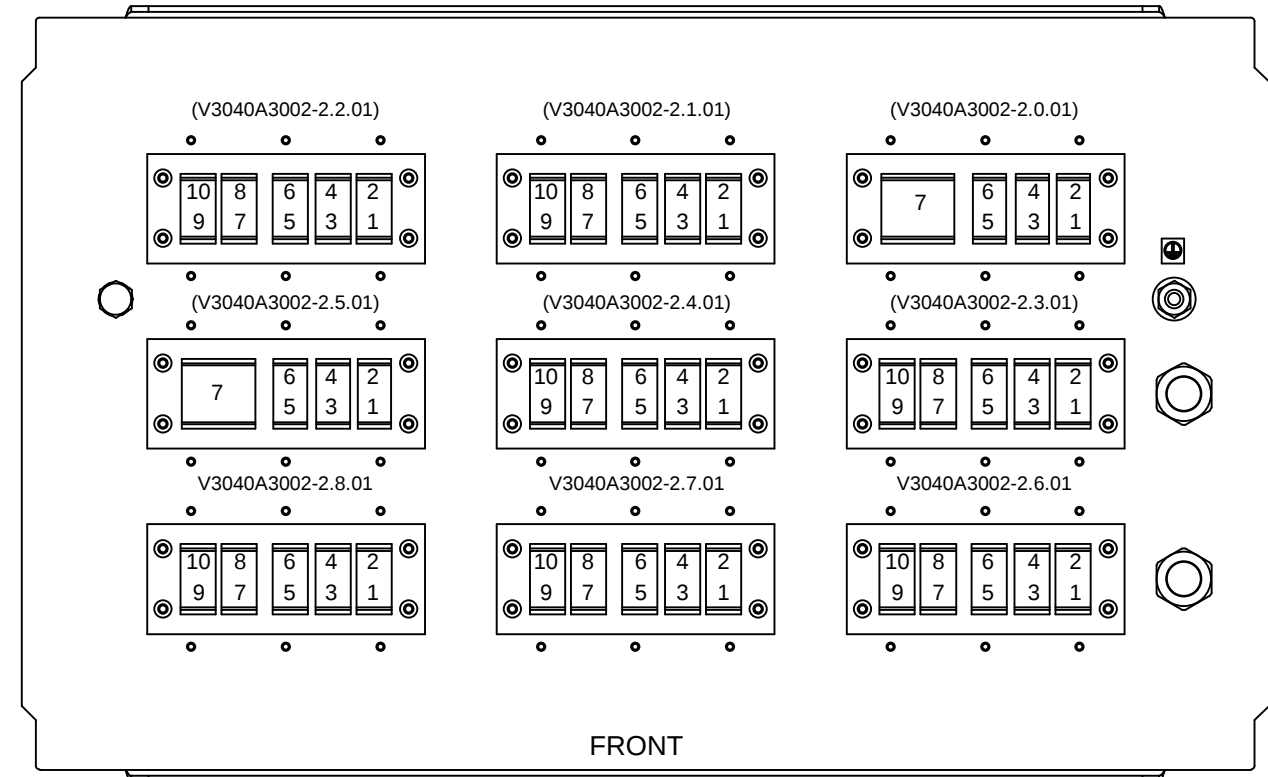
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+A3/L-6

INSIDE VIEW



OUTSIDE VIEW



V3040A3002-2.6.01	1	SPARE	-	-	-	BTK		KEL 24/10	
	2	SPARE	-	-	-	BTK			
	3	607.W4	607.X4	3G1,5 LIHCH	7	KT7	ST7		
	4	SPARE	-	-	-	BTK			
	5	608.W2/+A202-808.W6.7	608.X2/608.X3	2x1,5 LIHCH	7	KT2/7	ST7		
	6	+A202.808.W4	608.X5	2x1,5 LIHCH	7	KT7	ST7		
	7	608.W6.1	608.X6	3x1 LIHCH	7	KT7	ST7		
	8	608.W6.2/608.W6.3	608.X6	3G1 LIHCH	7	KT2/7	ST7		
	9	608.W7	608.X7	3x1 LIHCH	7	KT7	ST7		
	10	609.W2	609.X2	2x1 LIHCH	6	KT6	ST6		
V3040A3002-2.7.01	1	610.W2	610.X2	2x2x0,25	7	KT7	ST7	KEL 24/10	
	2	610.W3	610.X3	2x2x0,25	7	KT7	ST7		
	3	610.W4	610.X4	3x2x0,5 LIHCH	8	KT8	ST8		
	4	701.W1	701.X1	12x0,25 LIHCH	7	KT7	ST7		
	5	701.W2	701.X2	7x1 LIHCH	8	KT8	ST8		
	6	701.W4	701.X4	12G1,5 LIHCH	13	KT13	ST13		
	7	704.W1	704.X1	12G1 LIHCH	11	KT11	ST11		
	8	705.W1	705.X1	12G1,5 LIHCH	13	KT13	ST13		
	9	909.W10	909.X10	3x2x0,5 LIHCH	8	KT8	ST8		
	10	+A18-710.W106	610.X6	LAN	5-6	KT5	ST5		
V3040A3002-2.8.01	1	+391-W3	N/A	4x1 LIHCH	6	KT6	ST6	KEL 24/10	
	2	+391-W4	N/A	4x1 LIHCH	6	KT6	ST6		
	3	+391-W5	N/A	4x1 LIHCH	6	KT6	ST6		
	4	+391-W6	N/A	4x1 LIHCH	6	KT6	ST6		
	5	+391-W7	N/A	4x1 LIHCH	6	KT6	ST6		
	6	+391-W8	N/A	4x1 LIHCH	6	KT6	ST6		
	7	+391-W9	N/A	4x1 LIHCH	6	KT6	ST6		
	8	+391-W10	N/A	4x1 LIHCH	6	KT6	ST6		
	9	+391-W11	N/A	4x1 LIHCH	6	KT6	ST6		
	10	SPARE	-	-	-	BTK			



kk-electronic a/s

SIEMENS

Date

2014-05-28

Rev. Date

kk-responsible

Item-no.

JASOE/mebje

V3040A3002

ZCD-no:

1040046

SWT-4.0

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

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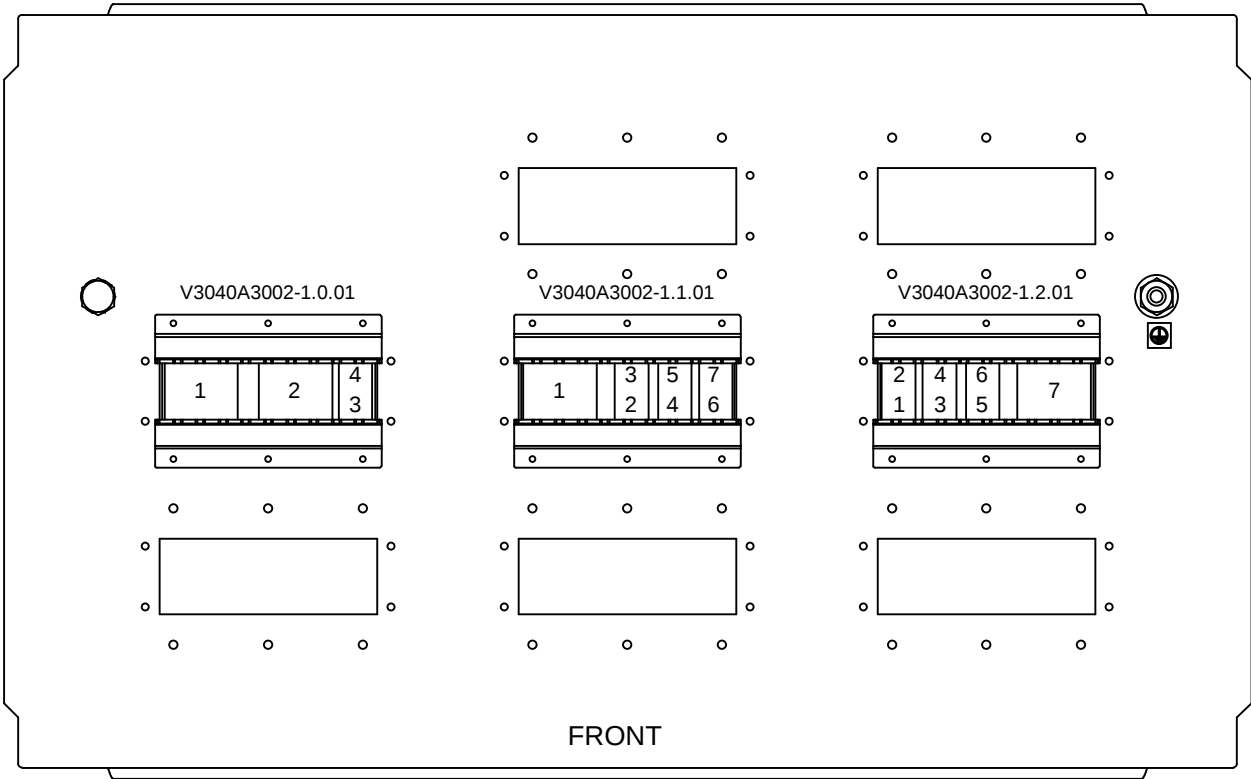
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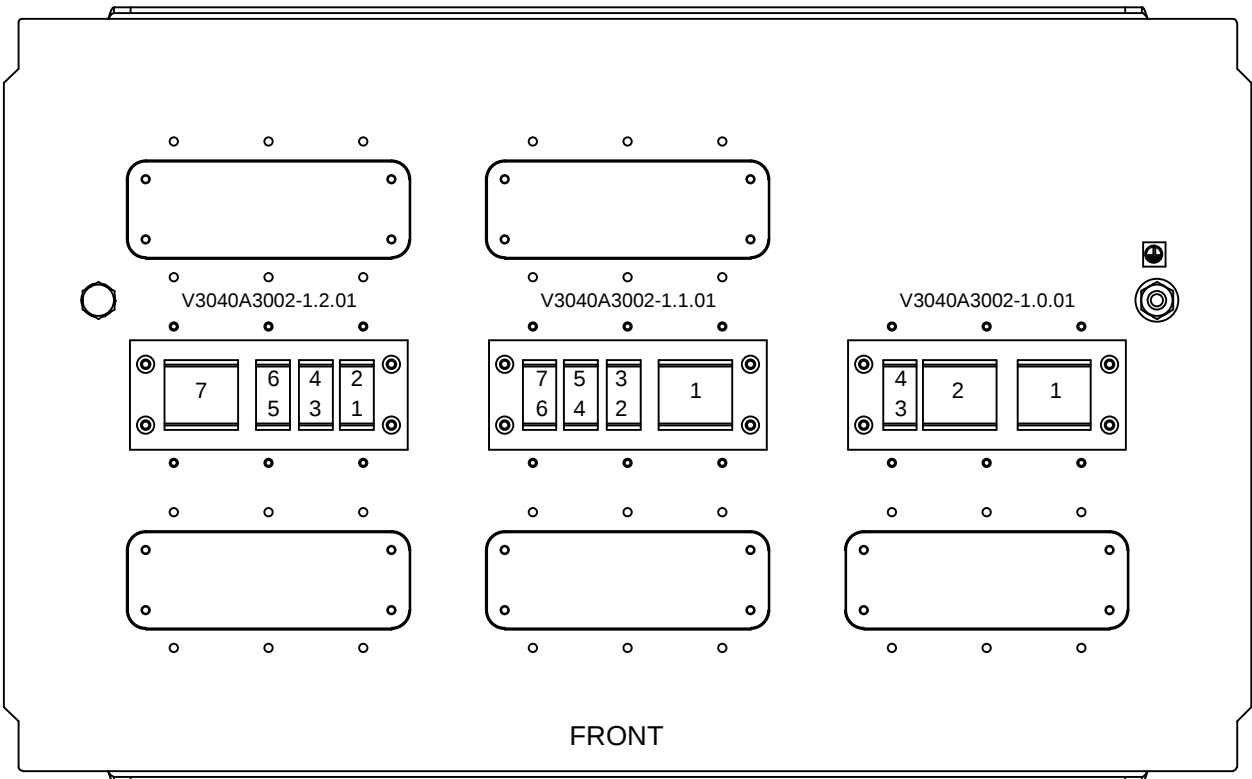
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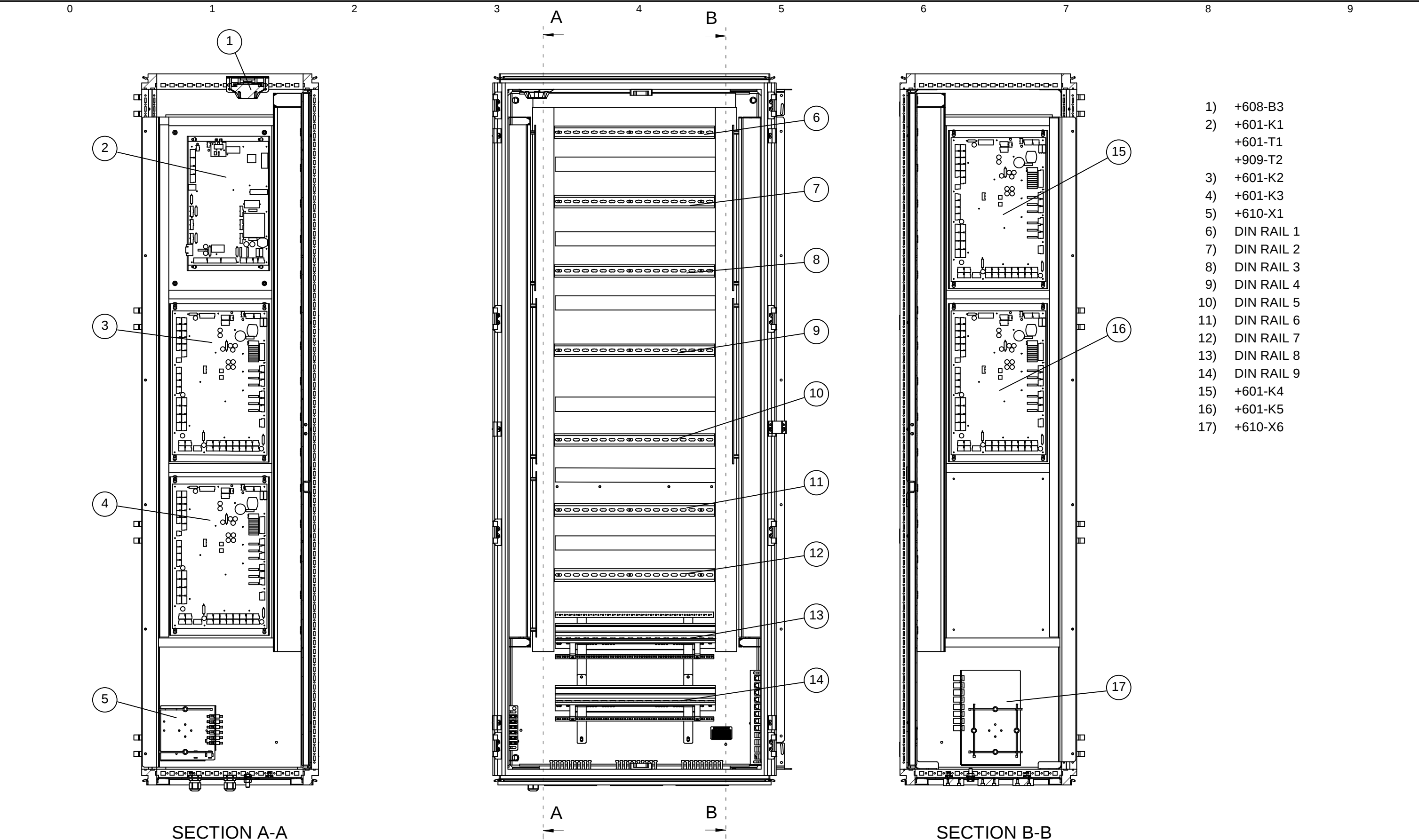
INSIDE VIEW



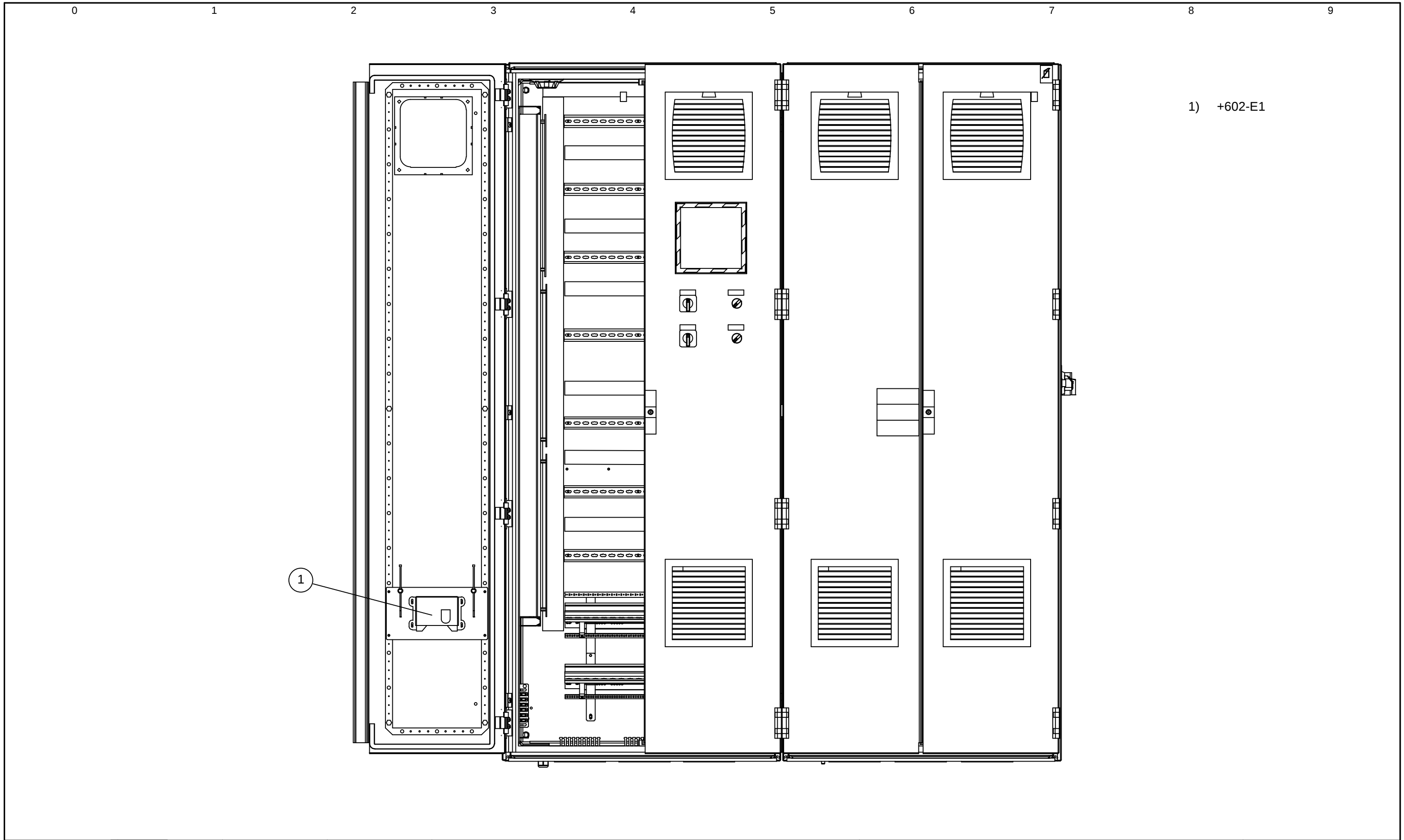
OUTSIDE VIEW



V3040A3002-1.0.01	1	100.W1.1	100.X1	4G6 LSOH	16,7	KT16	ST16	KEL 24/4	
	2	100.W1.2	100.X1	4G6 LSOH	16,7	KT16	ST16		
	3	SPARE	-	-	-	BTK			
	4	SPARE	-	-	-	BTK			
V3040A3002-1.1.01	1	200.W2	200.X2	4G6 LSOH	16,7	KT16	ST16	KEL 24/7	
	2	SPARE	-	-	-	BTK			
	3	200.W1	200.X1	4G1,5 LSOH	10	KT11	ST11		
	4	200.W3	200.X3	4G1,5 LSOH	10	KT11	ST11		
	5	200.W5	200.X5	4G1,5 LSOH	10	KT11	ST11		
	6	200.W6	200.X6	4G1,5 LSOH	10	KT11	ST11		
	7	400.W1	400.X1	7G1,5 LSOH	16	KTS16	ST16		
V3040A3002-1.2.01	1	400.W2	400.X2	7G1,5 LSOH	16	KTS16	ST16	KEL 24/7	
	2	SPARE	-	-	-	BTK			
	3	400.W3	400.X3	7G1,5 LSOH	16	KTS16	ST16		
	4	SPARE	-	-	-	BTK			
	5	402.W1	402.X1	4G1,5 LSOH	10	KT11	ST11		
	6	SPARE	-	-	-	BTK			
	7	+A202-809.W1	609.Q1	4G16 LSOH	26	KT26	ST26		

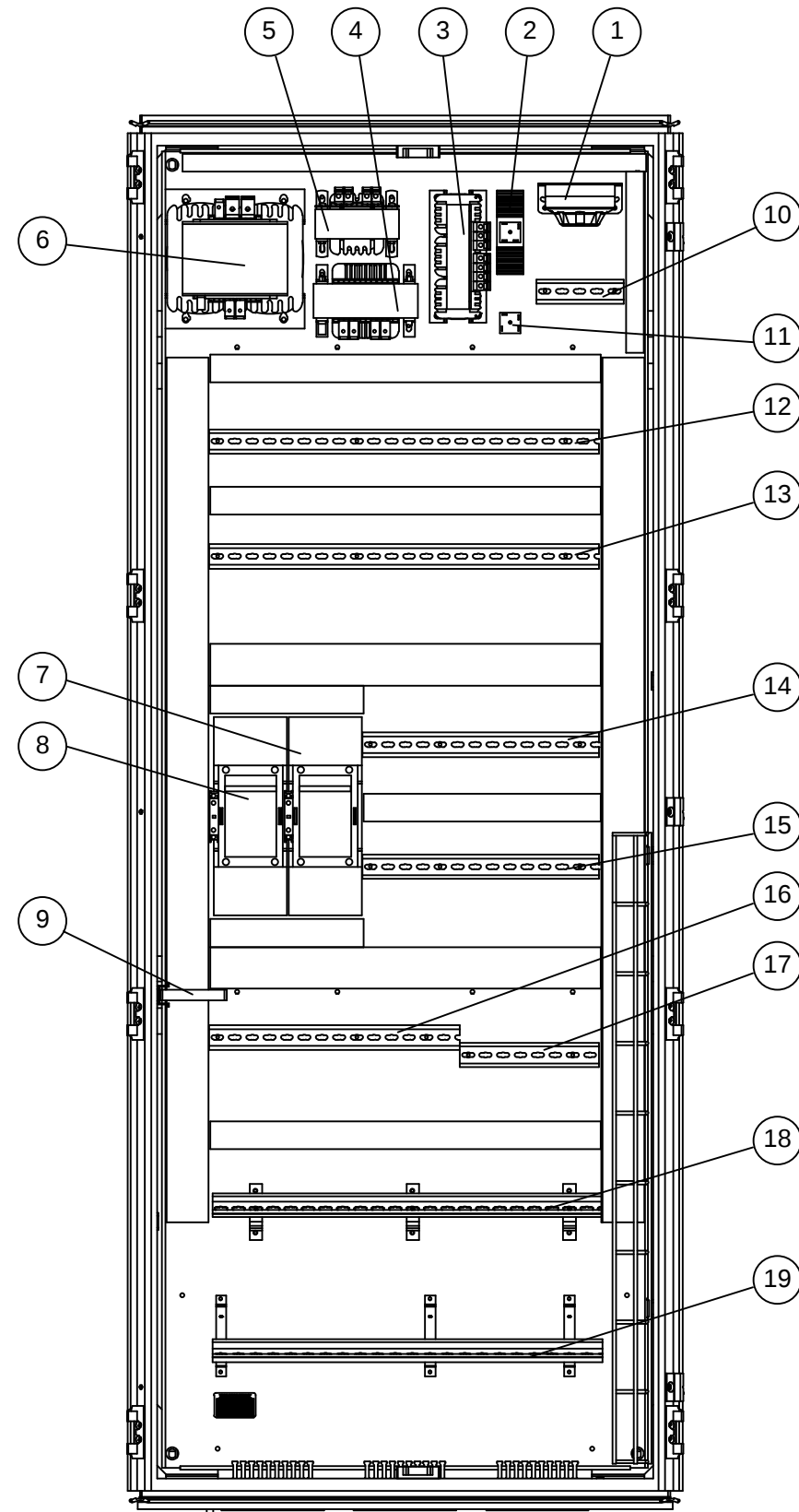


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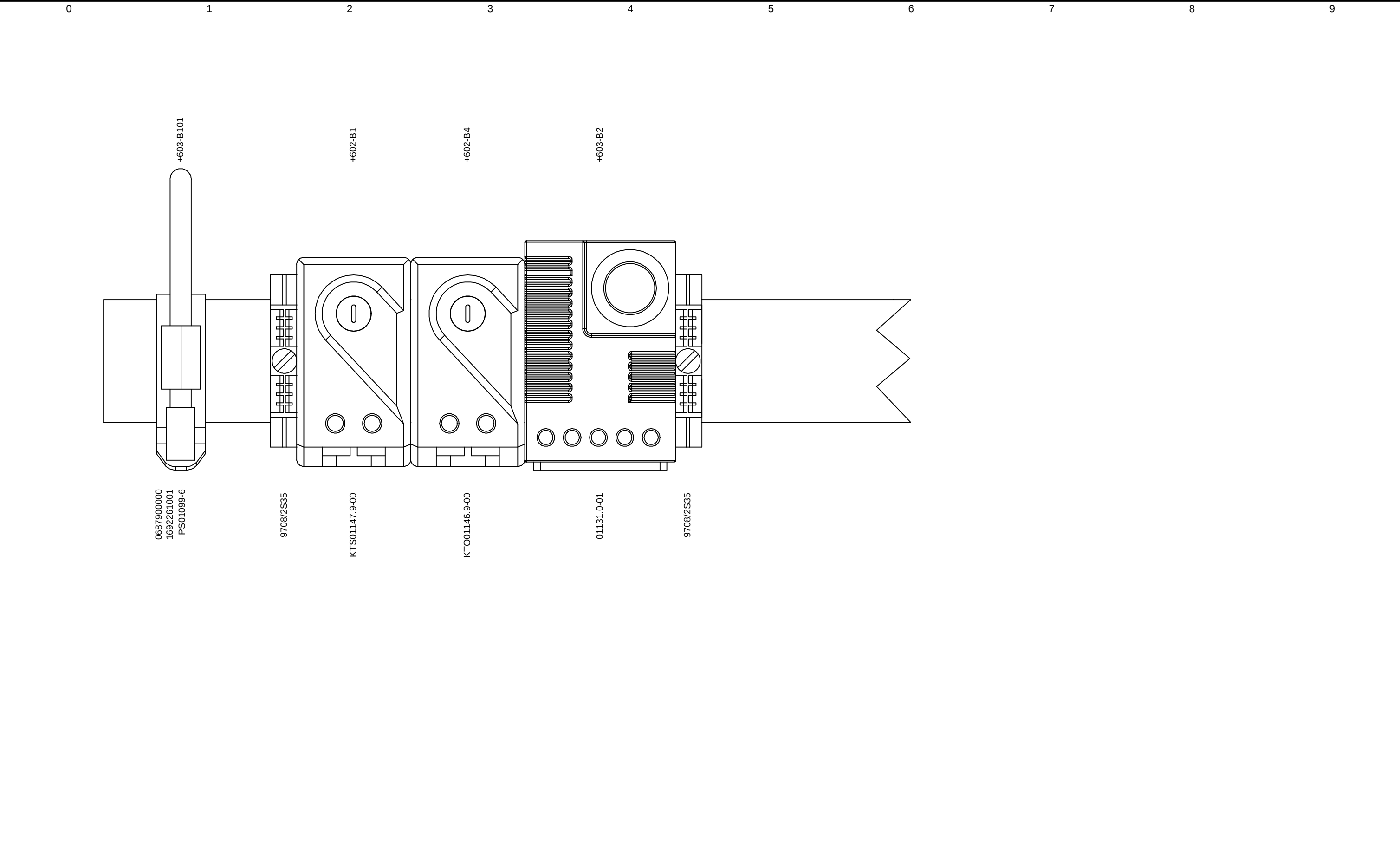


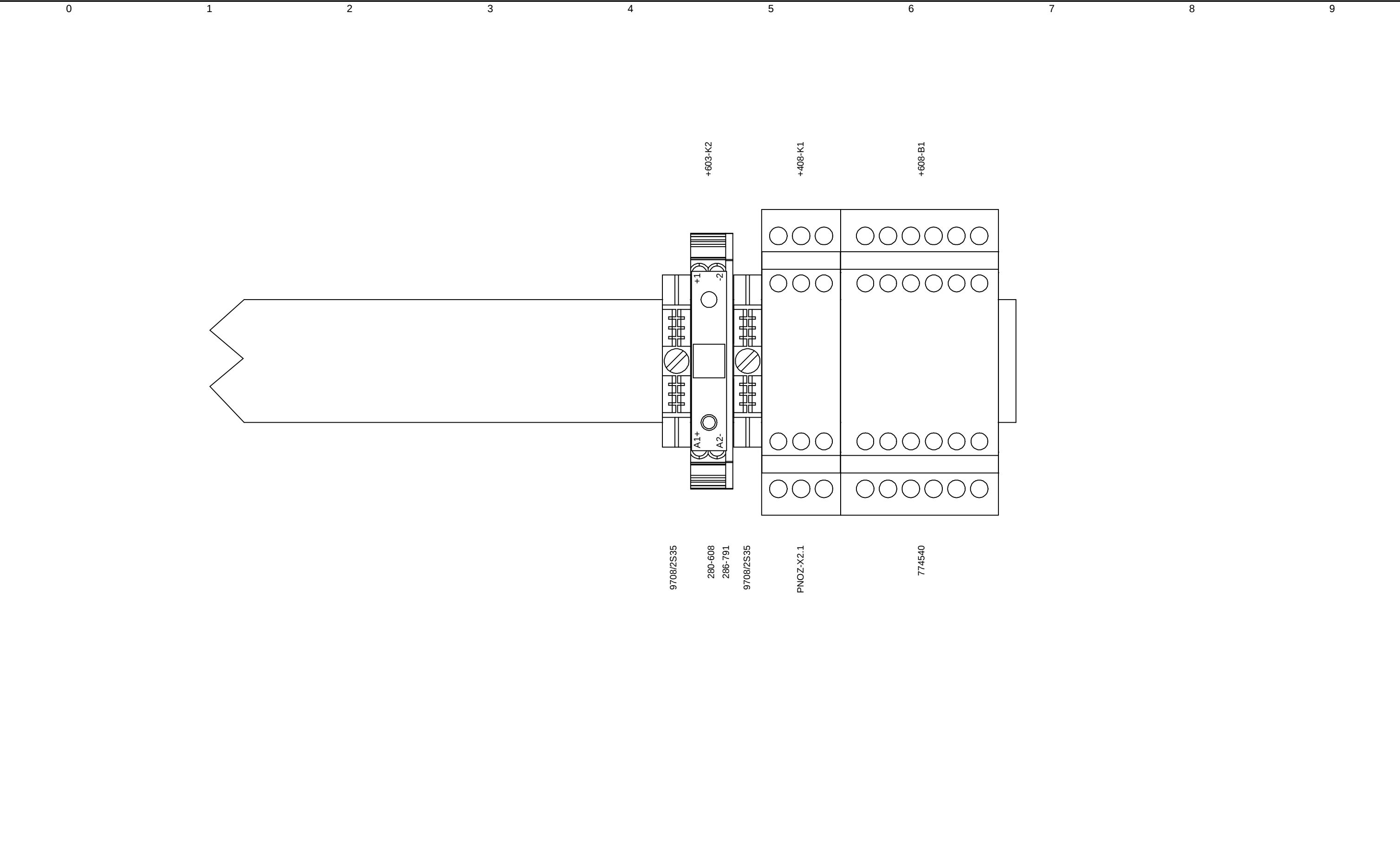
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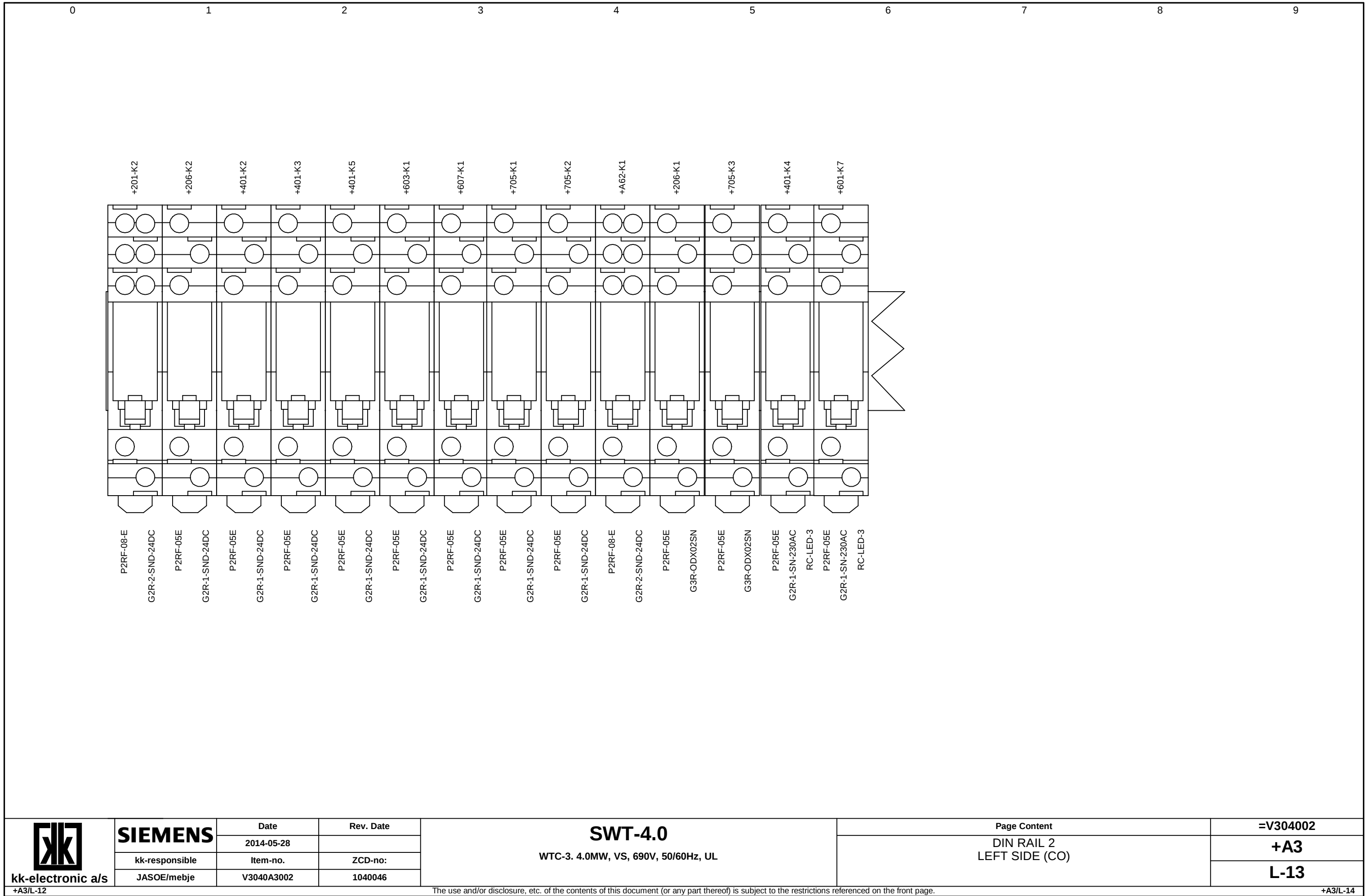
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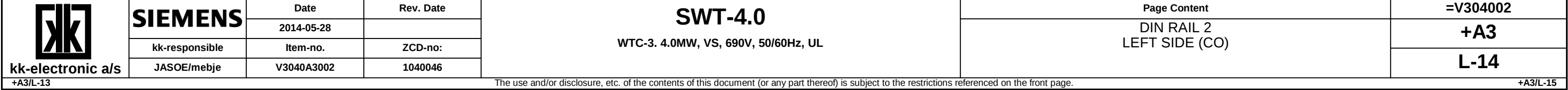


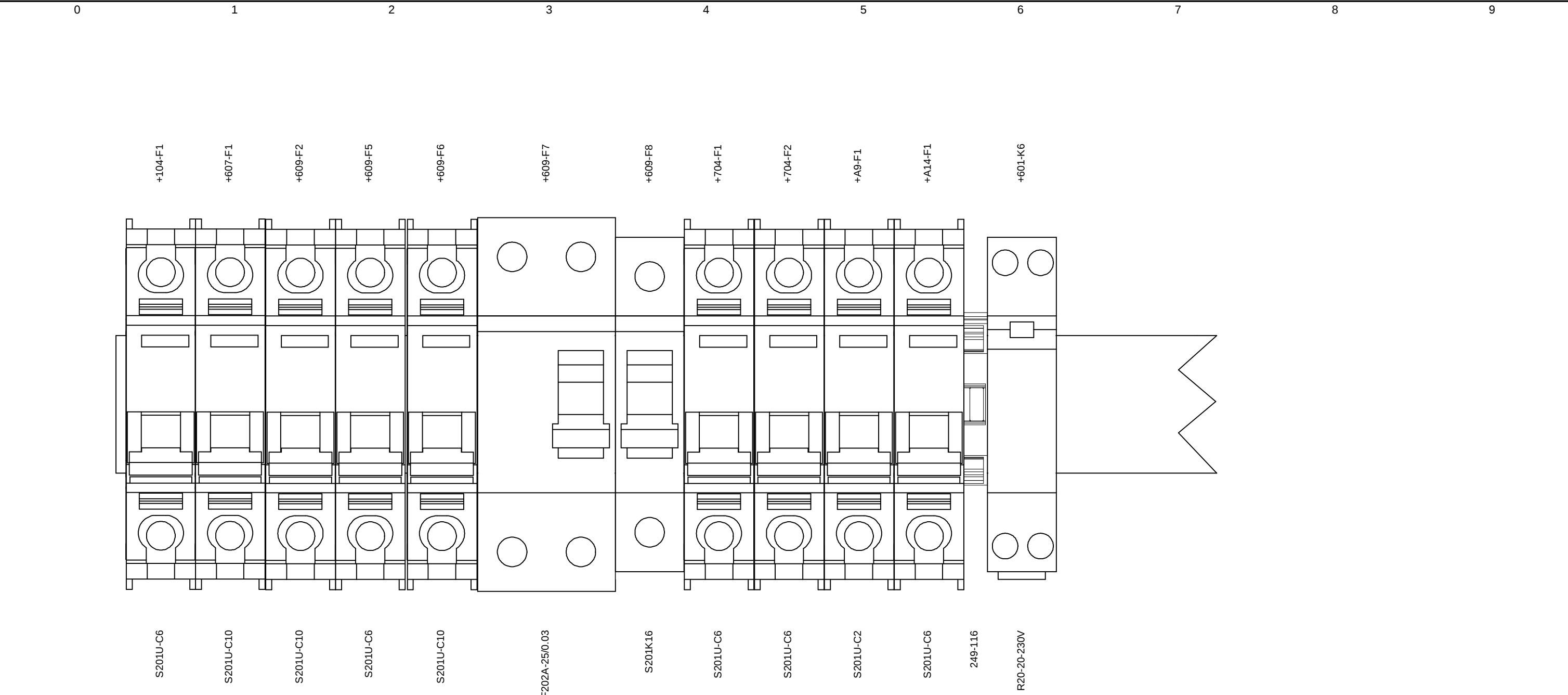
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- 9) DIN RAIL 10
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- 11) +609-T5
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- 13) DIN RAIL 3
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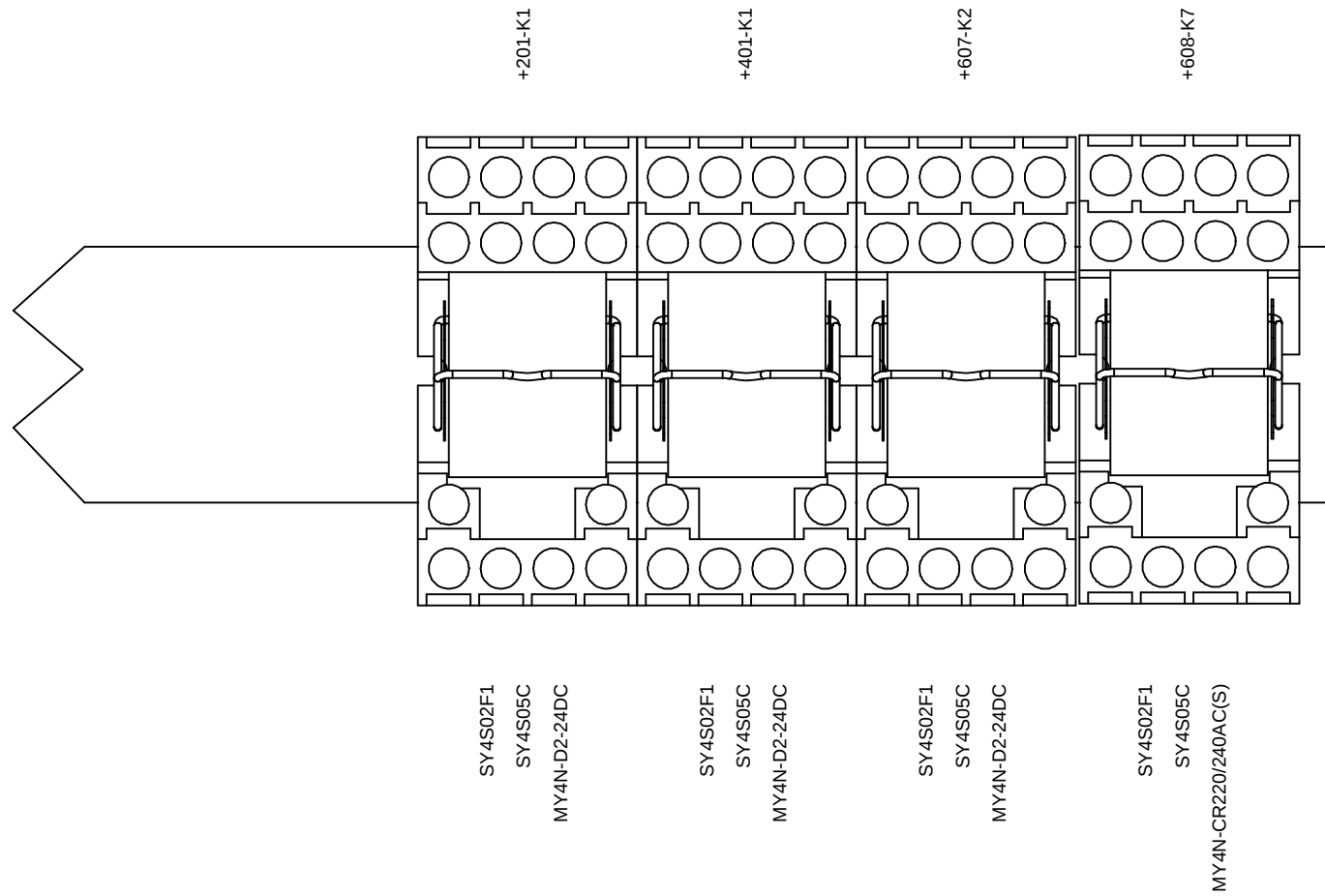


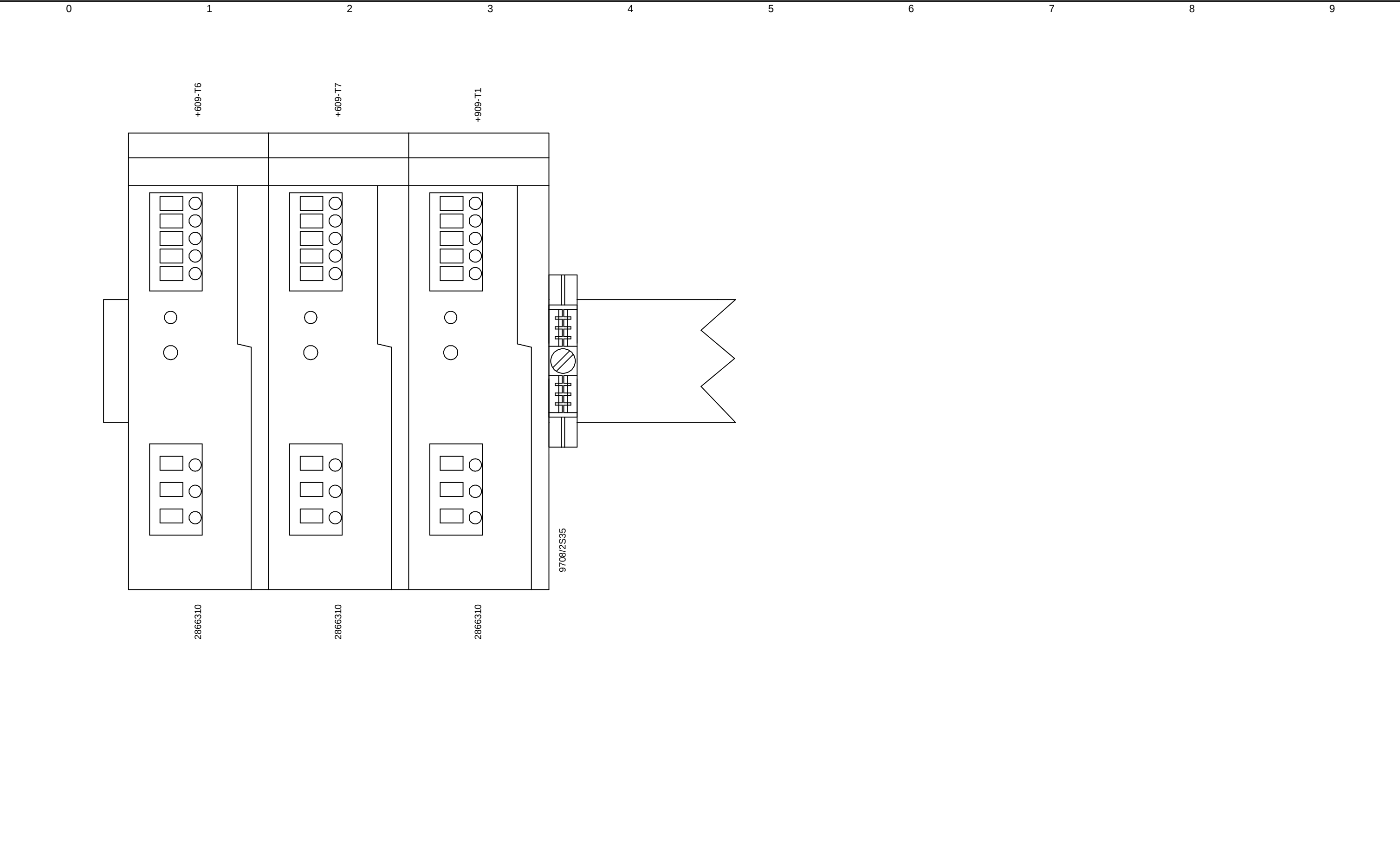


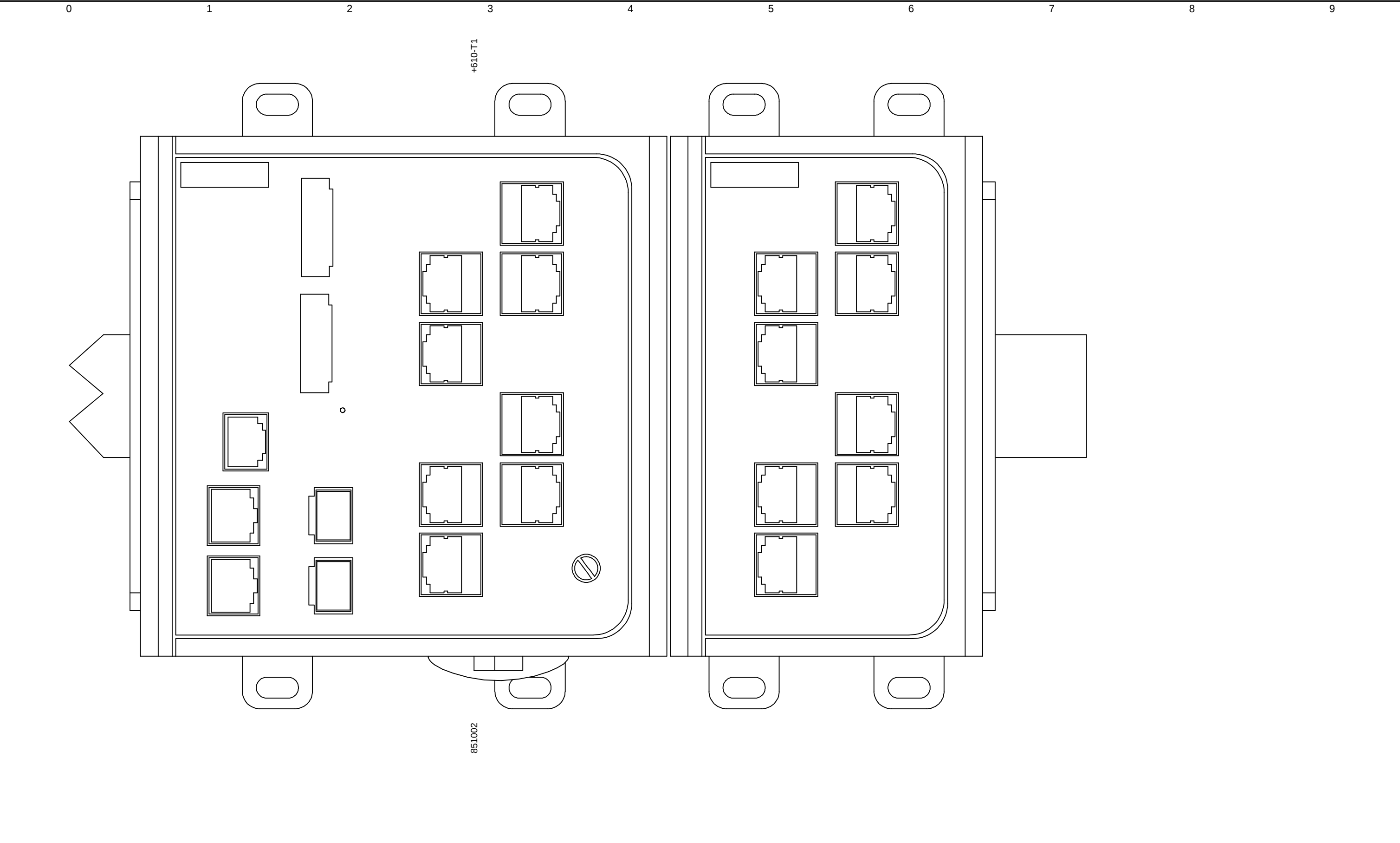




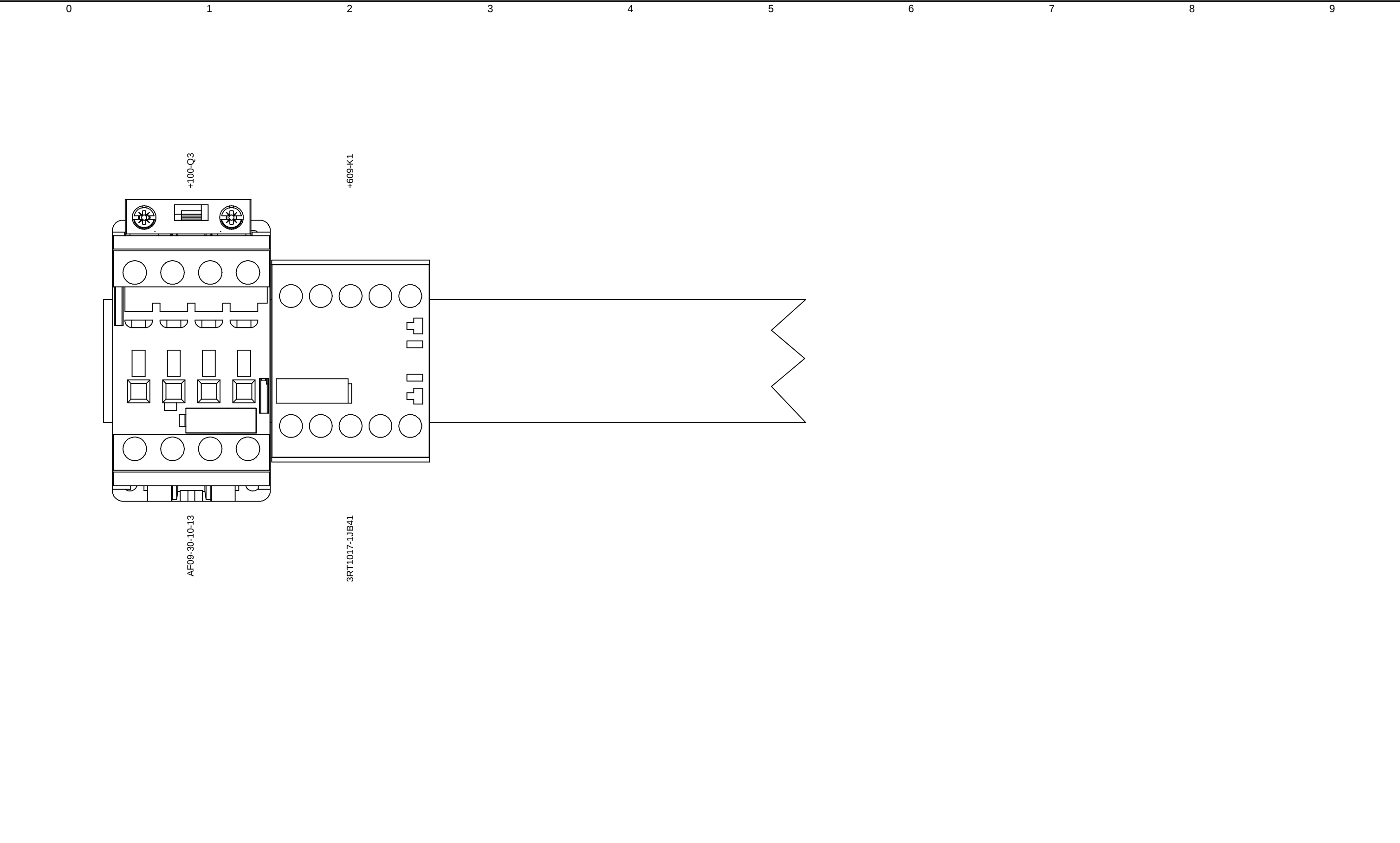
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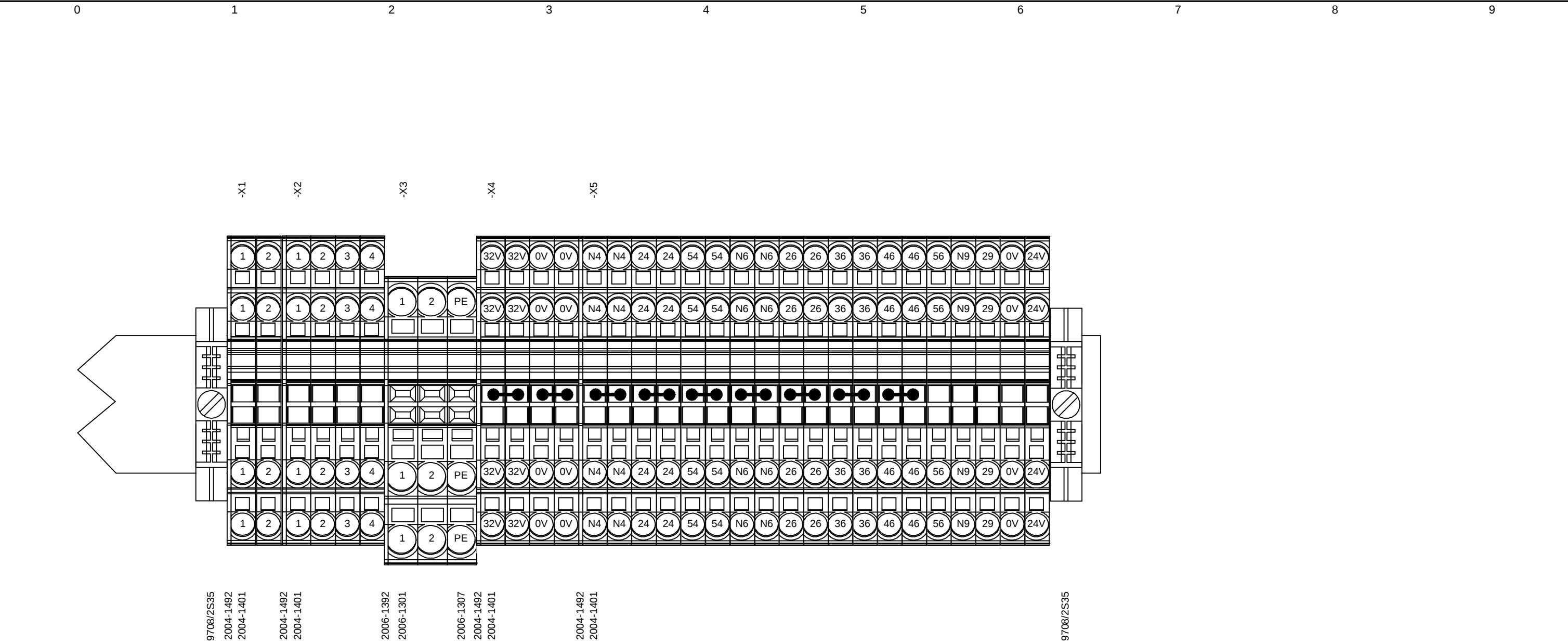


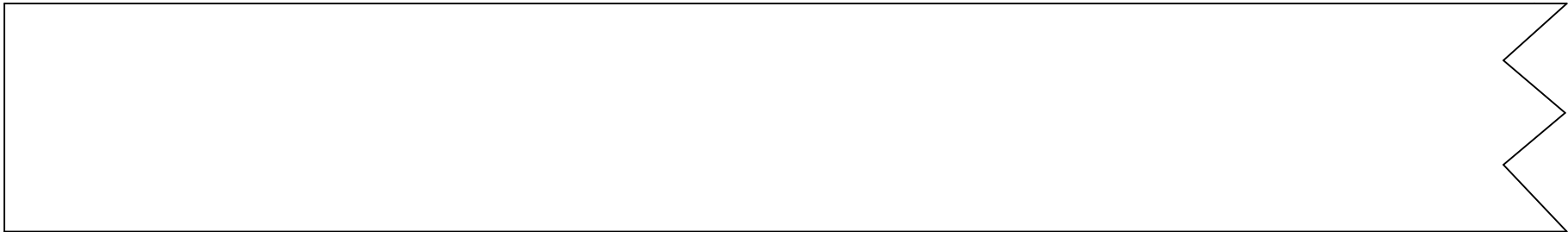


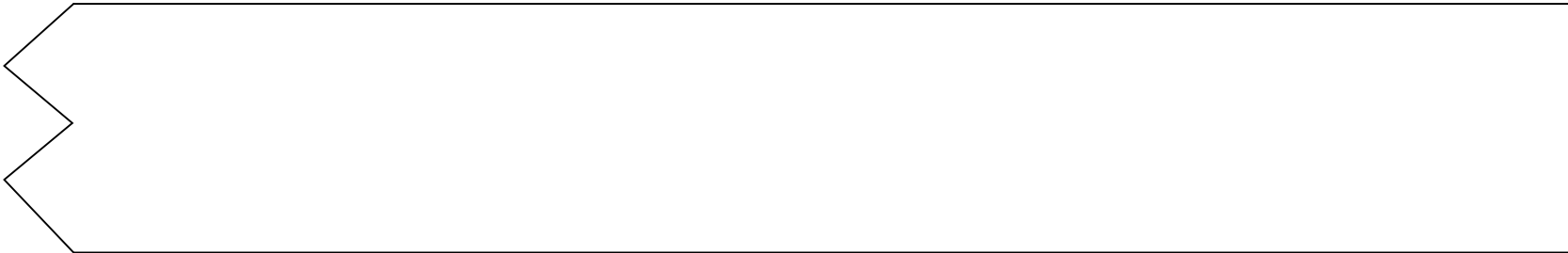
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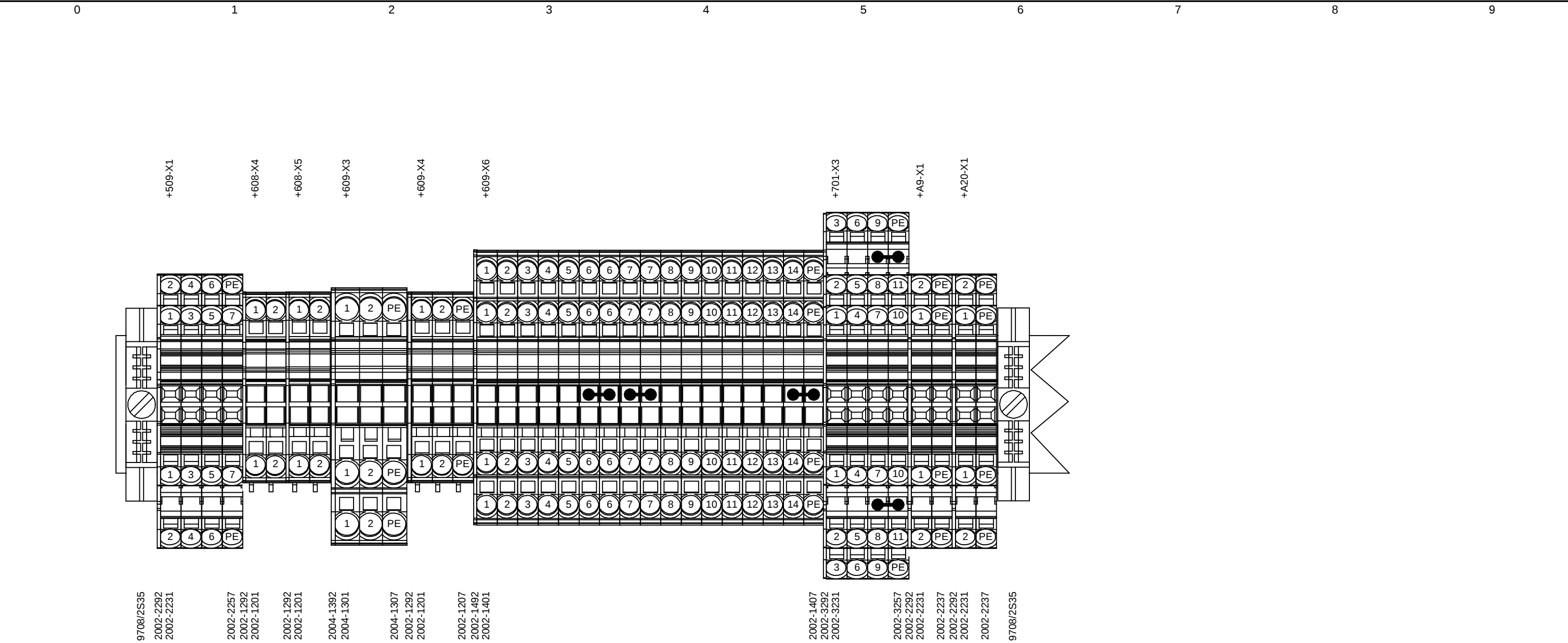


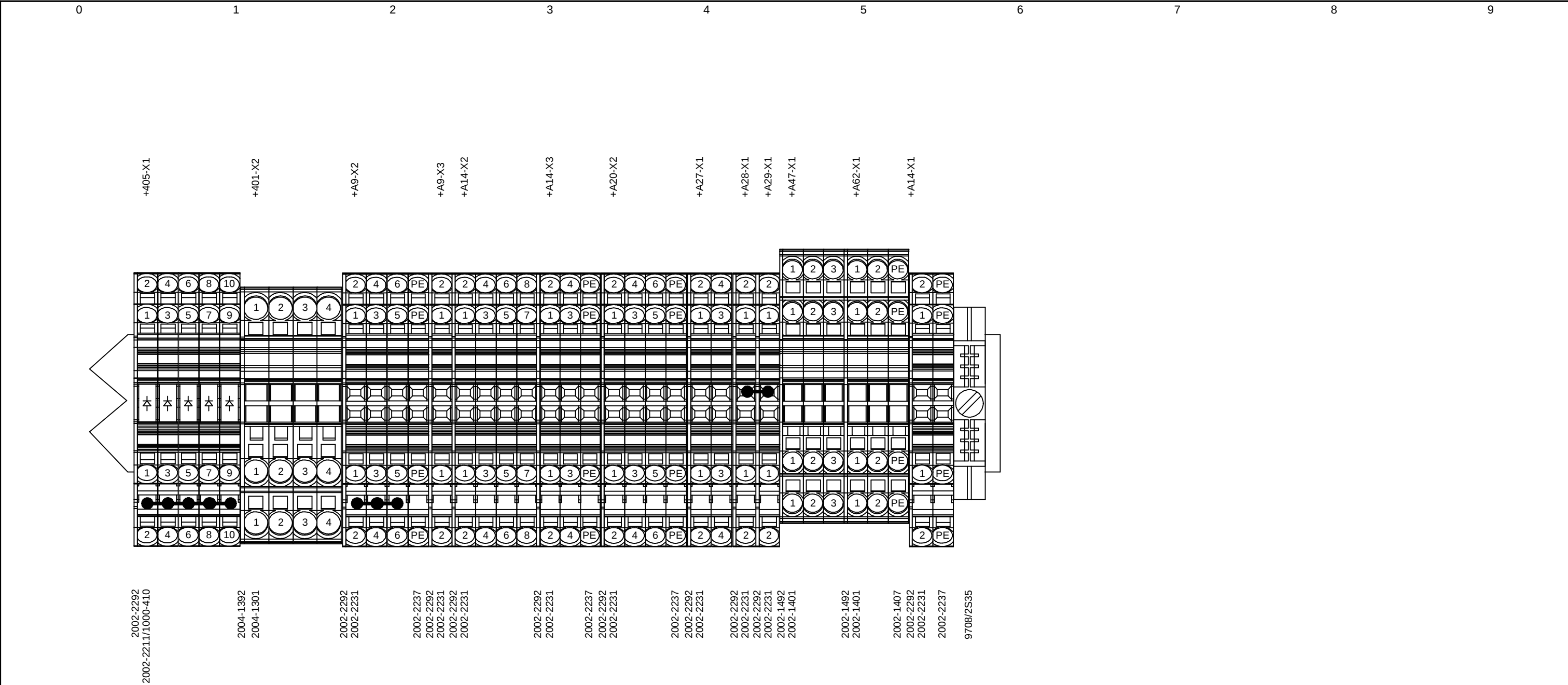
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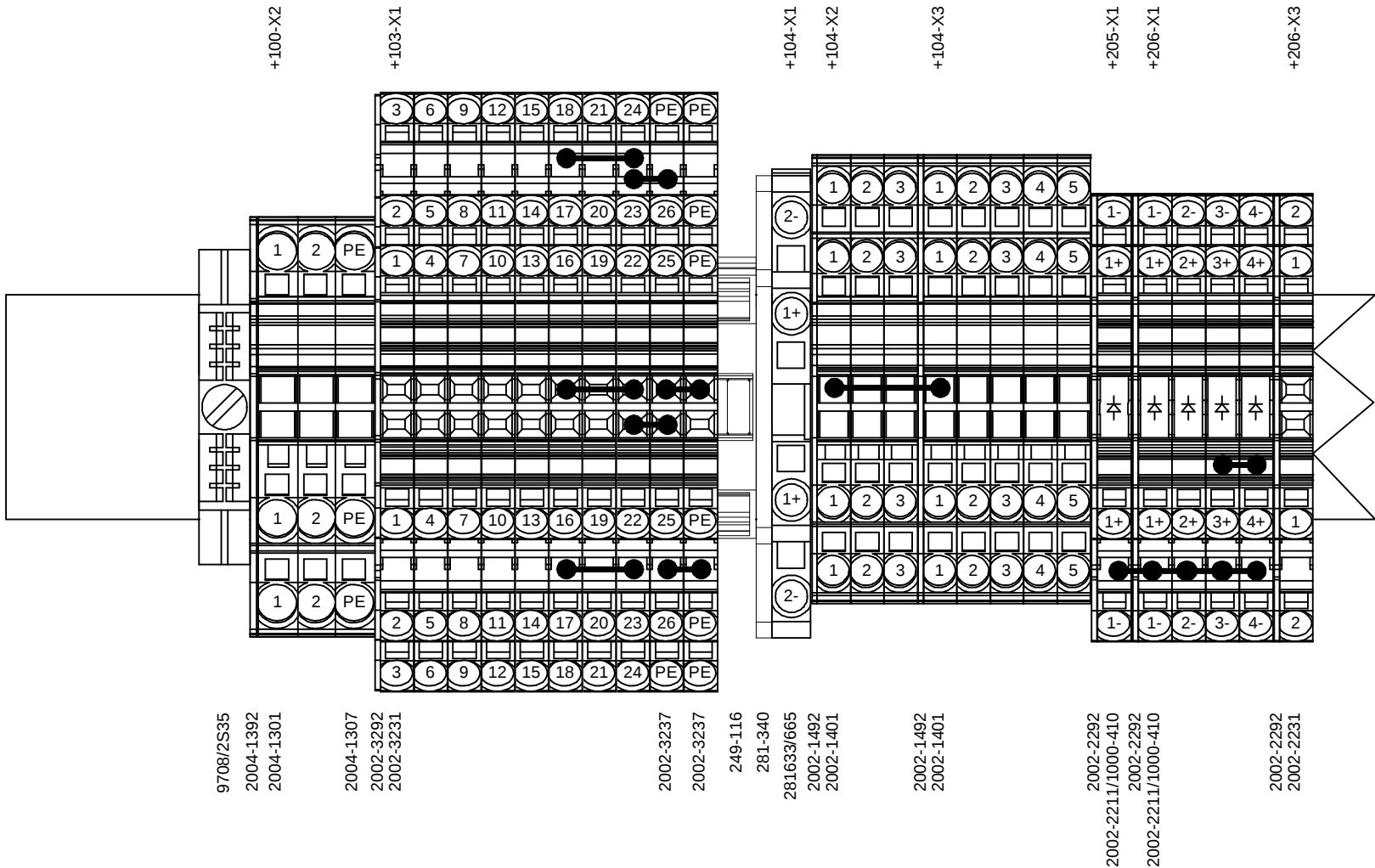


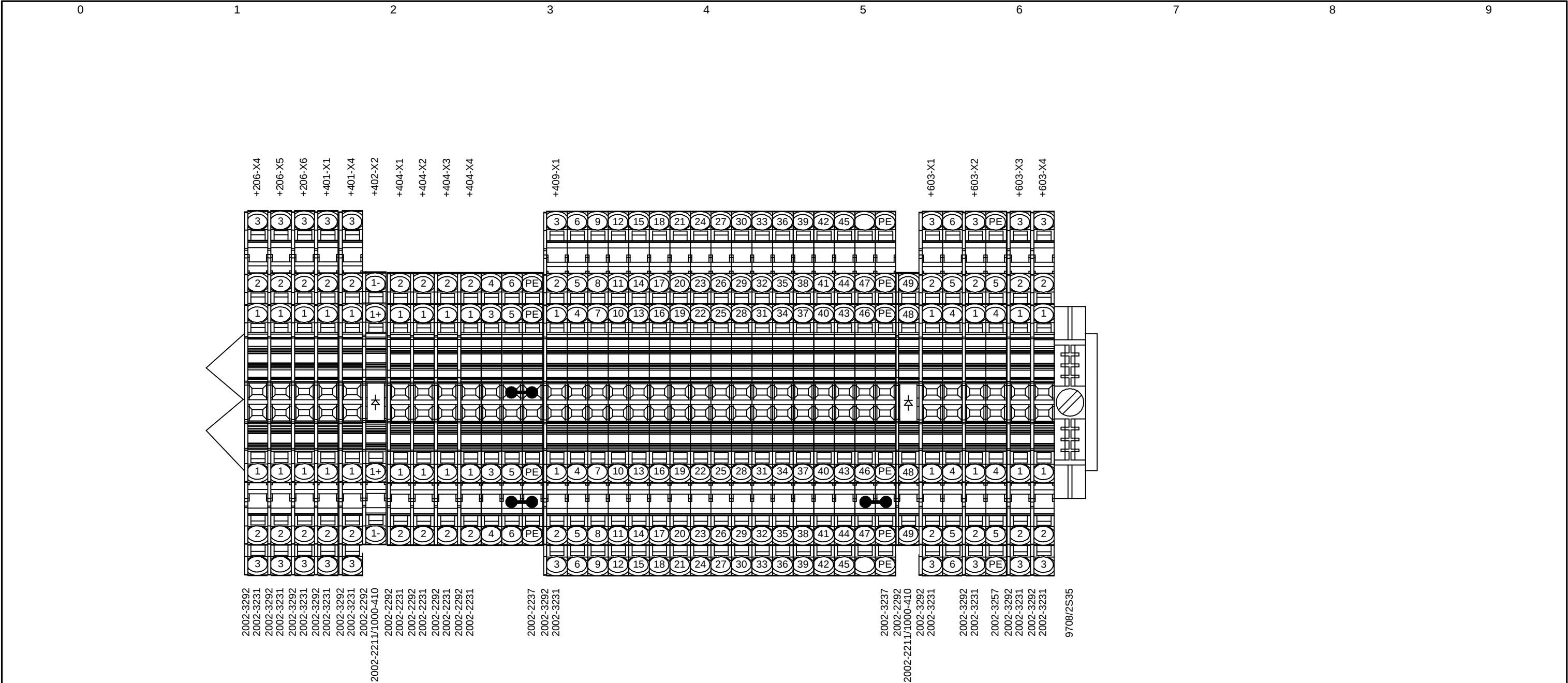




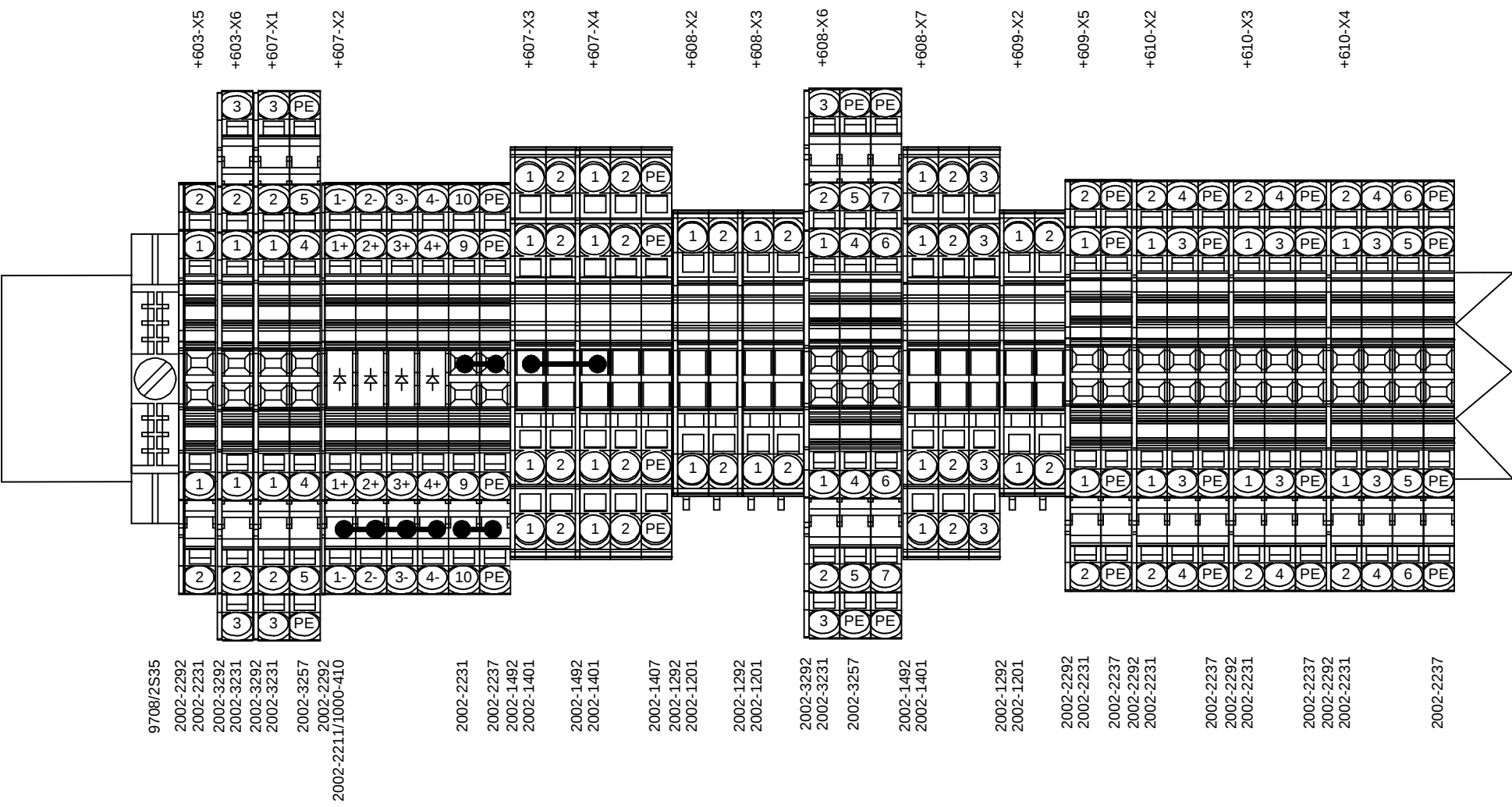


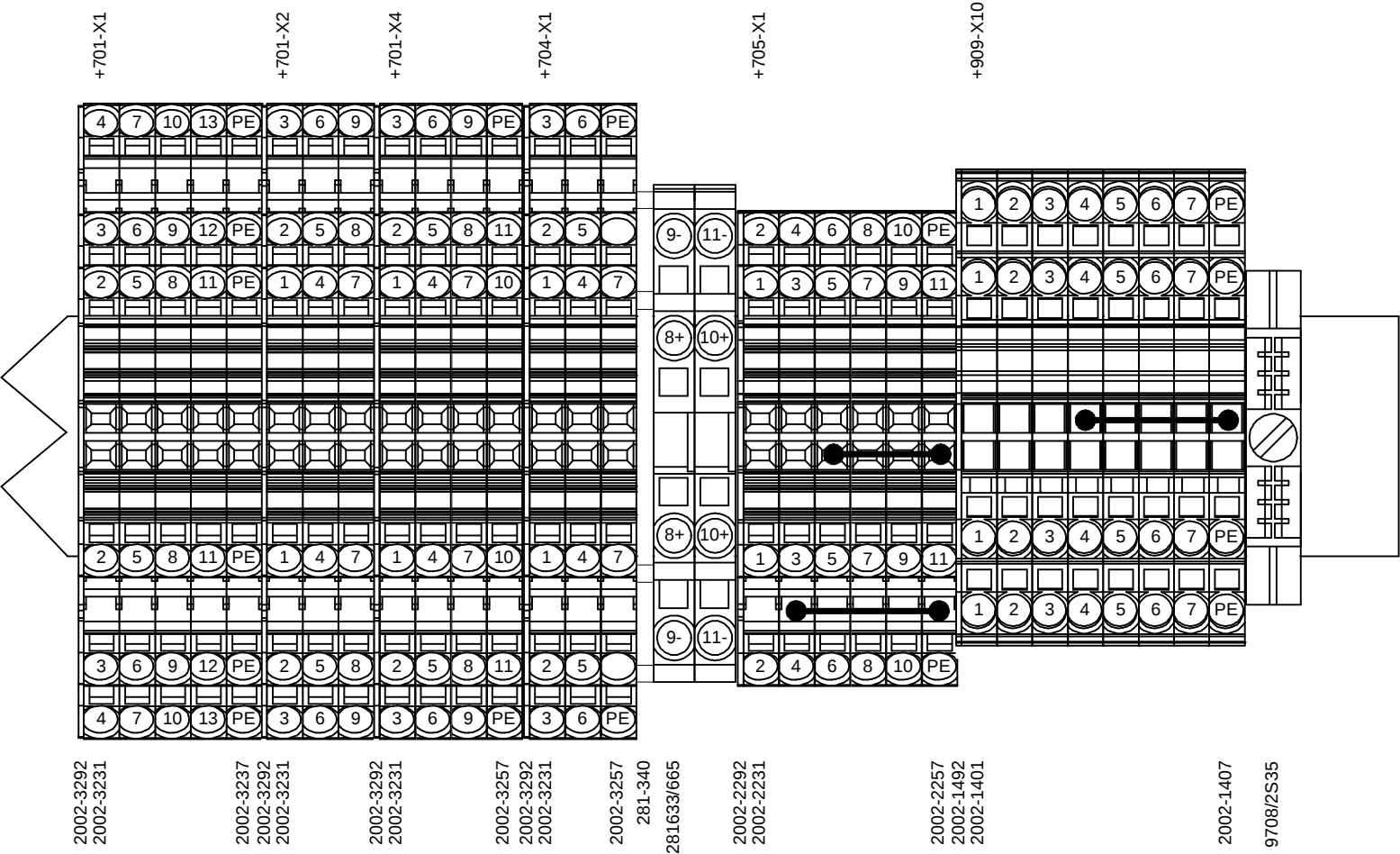


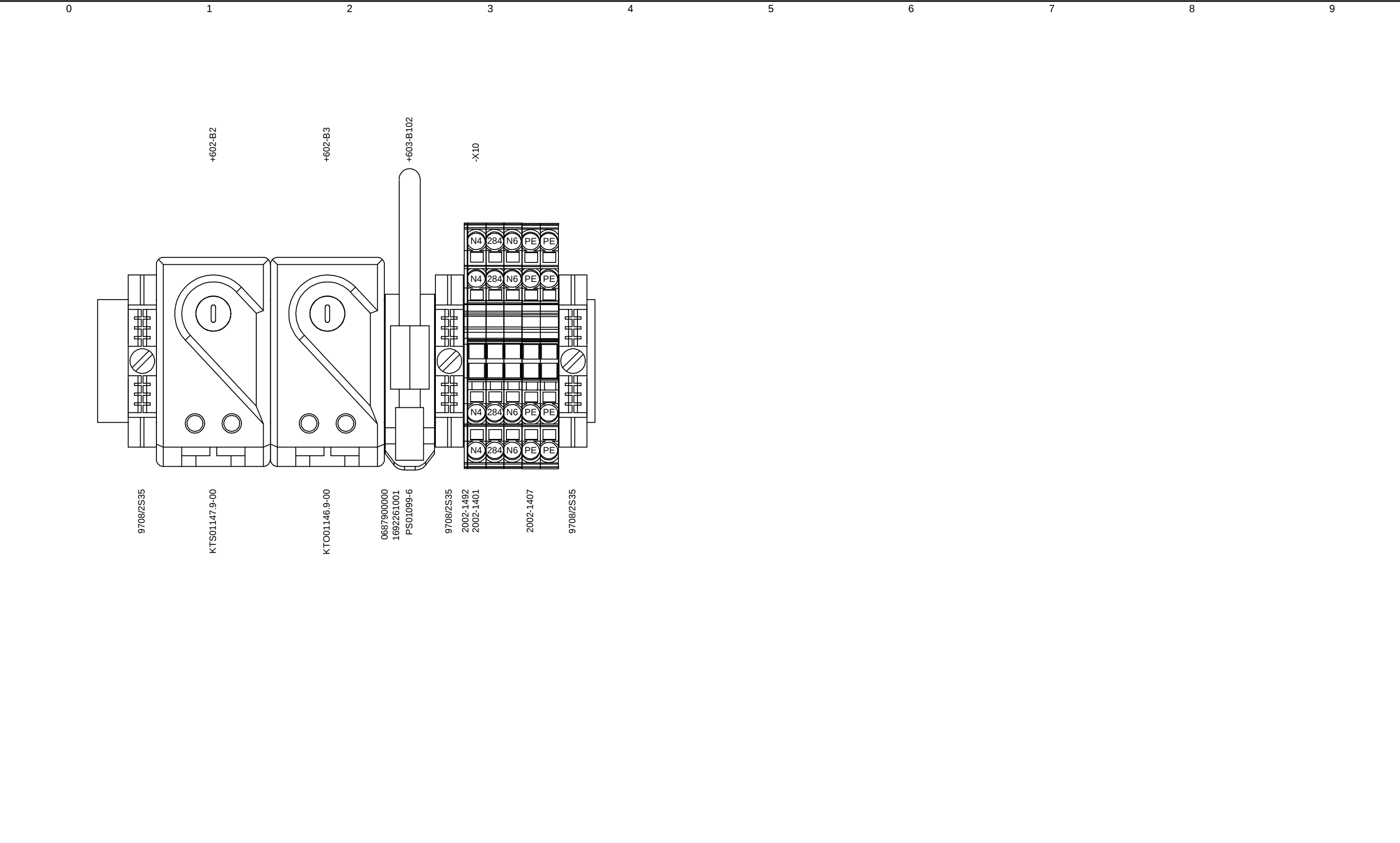


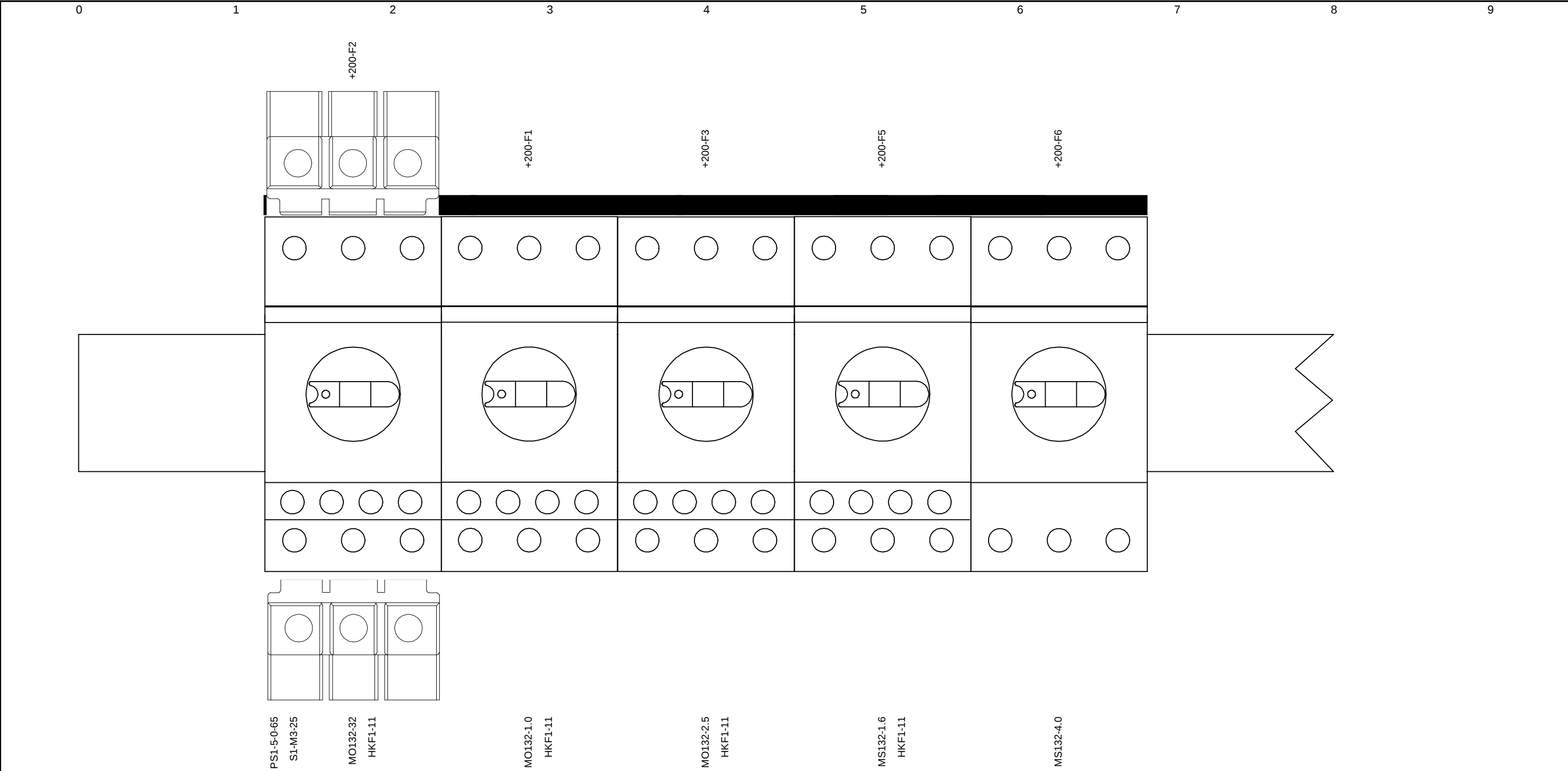


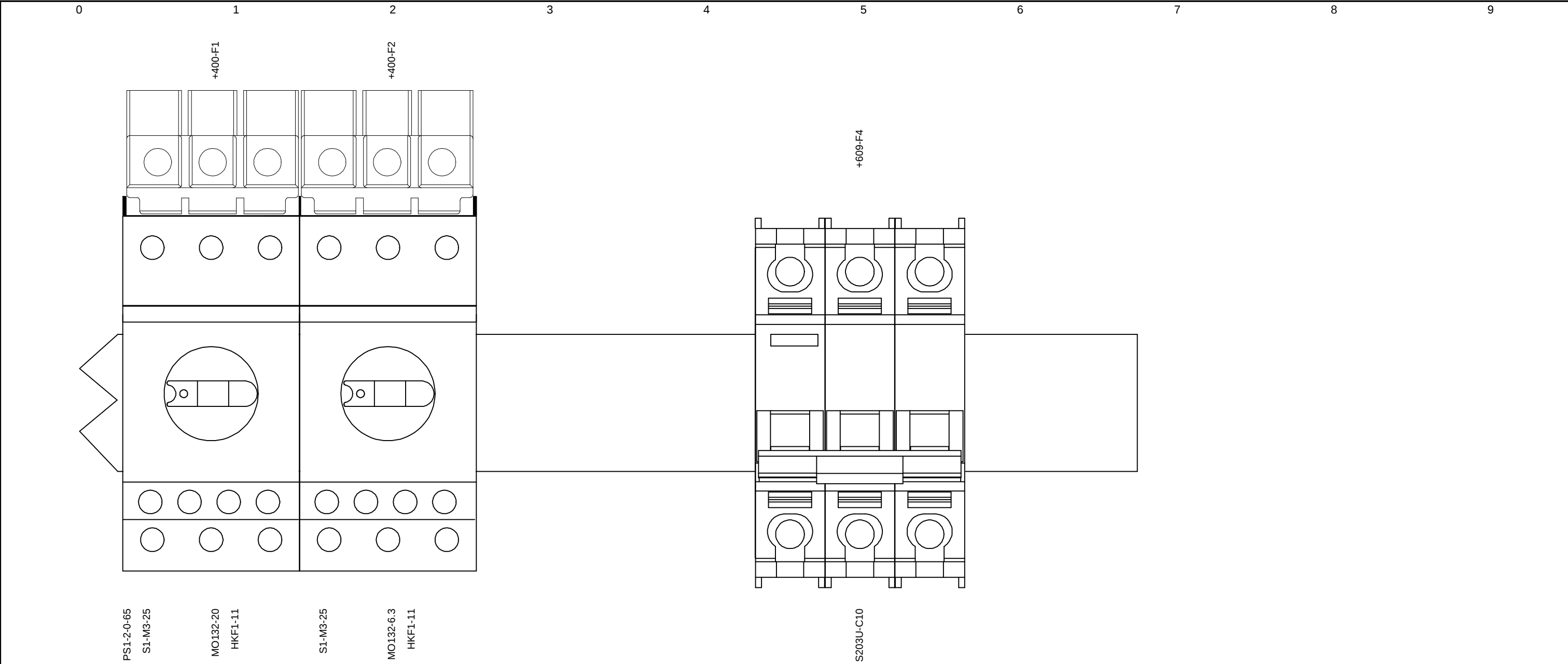
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		2014-05-28			DIN RAIL 8 LEFT SIDE (CO)	+A3
		Item-no.	ZCD-no:			L-26
		JASOE/mebje	V3040A3002			
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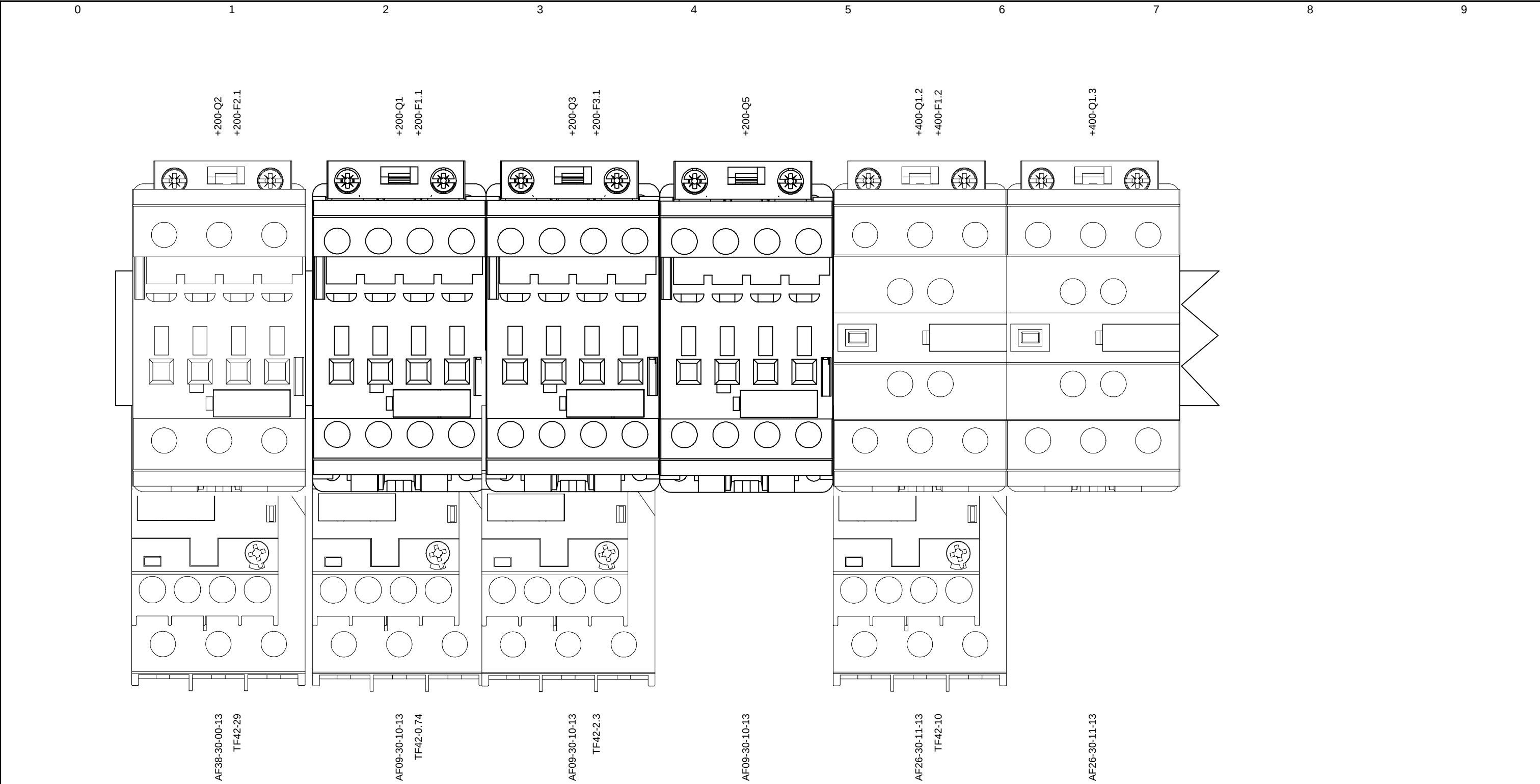


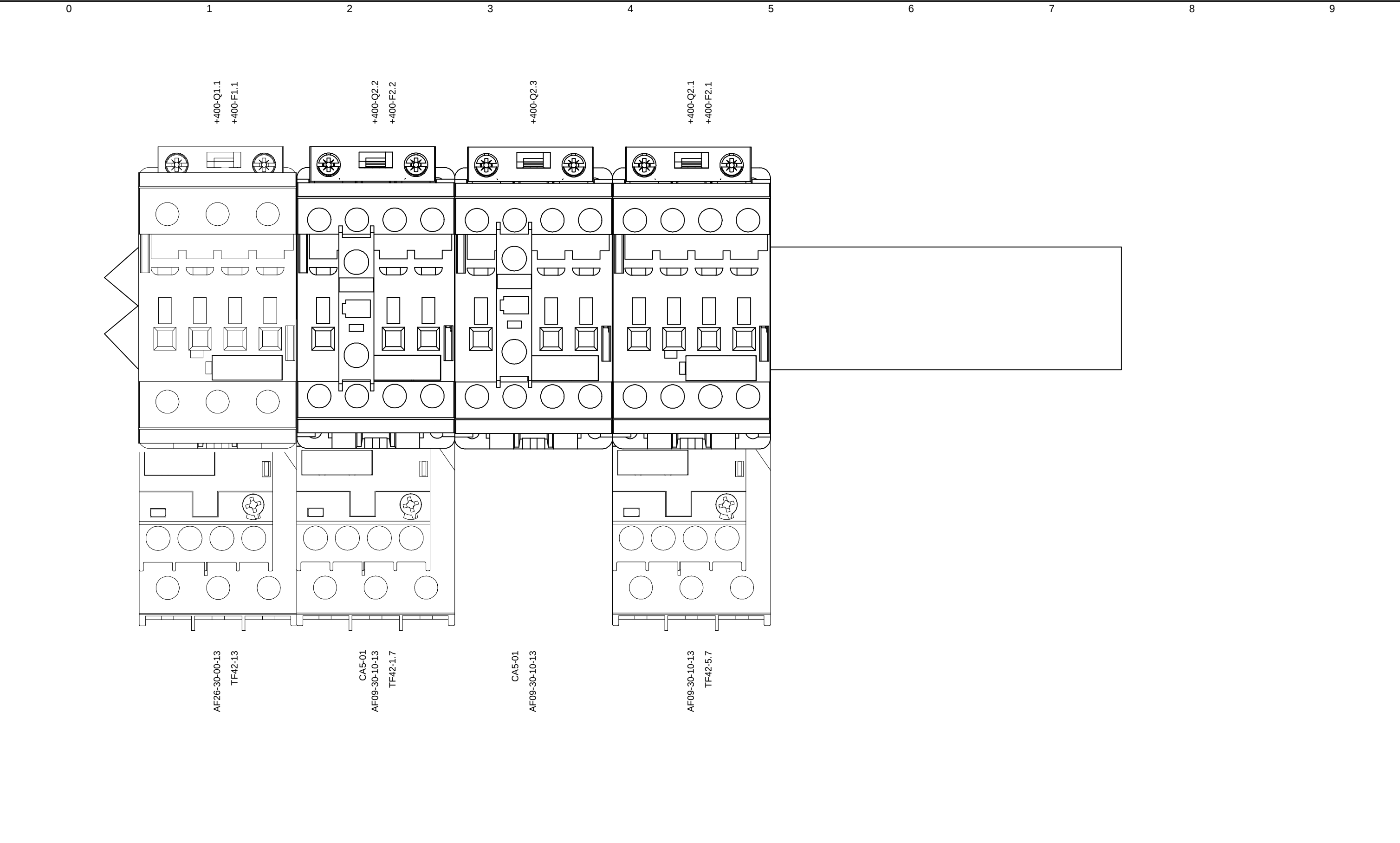


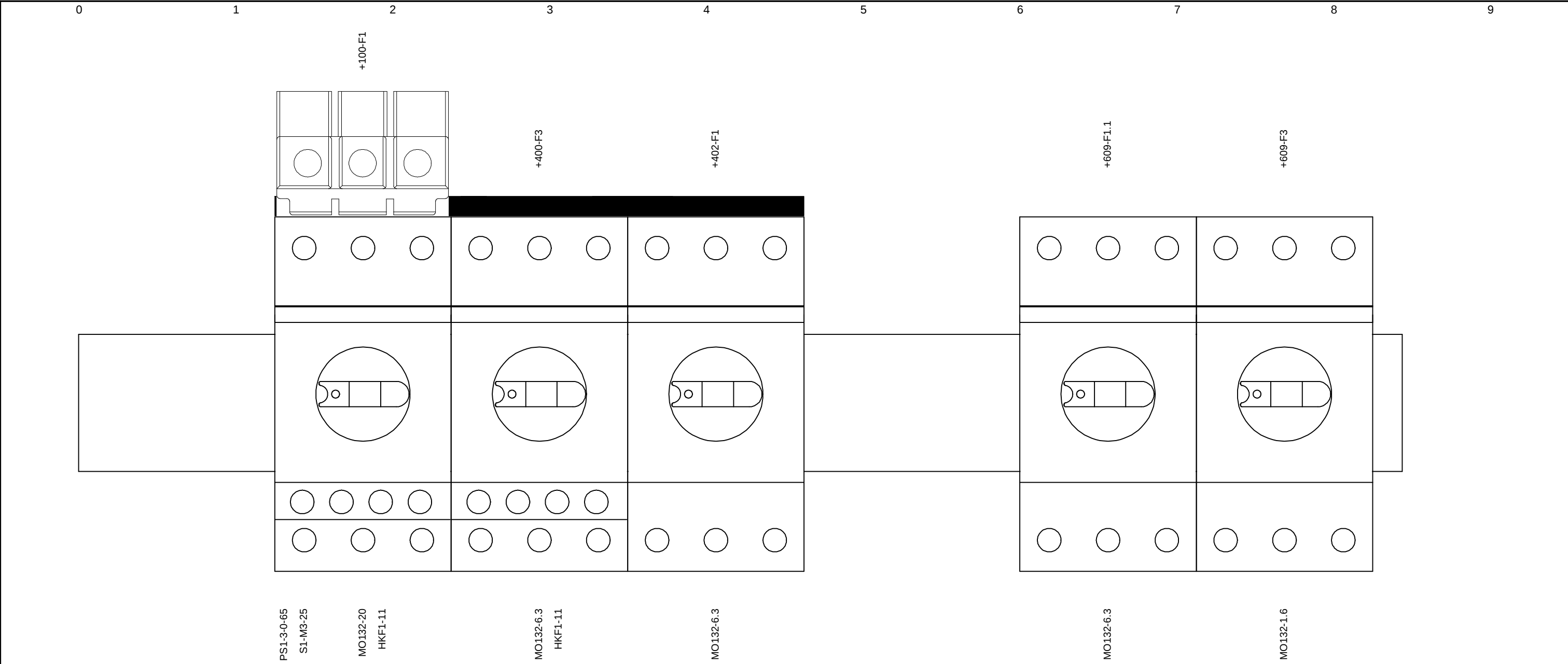


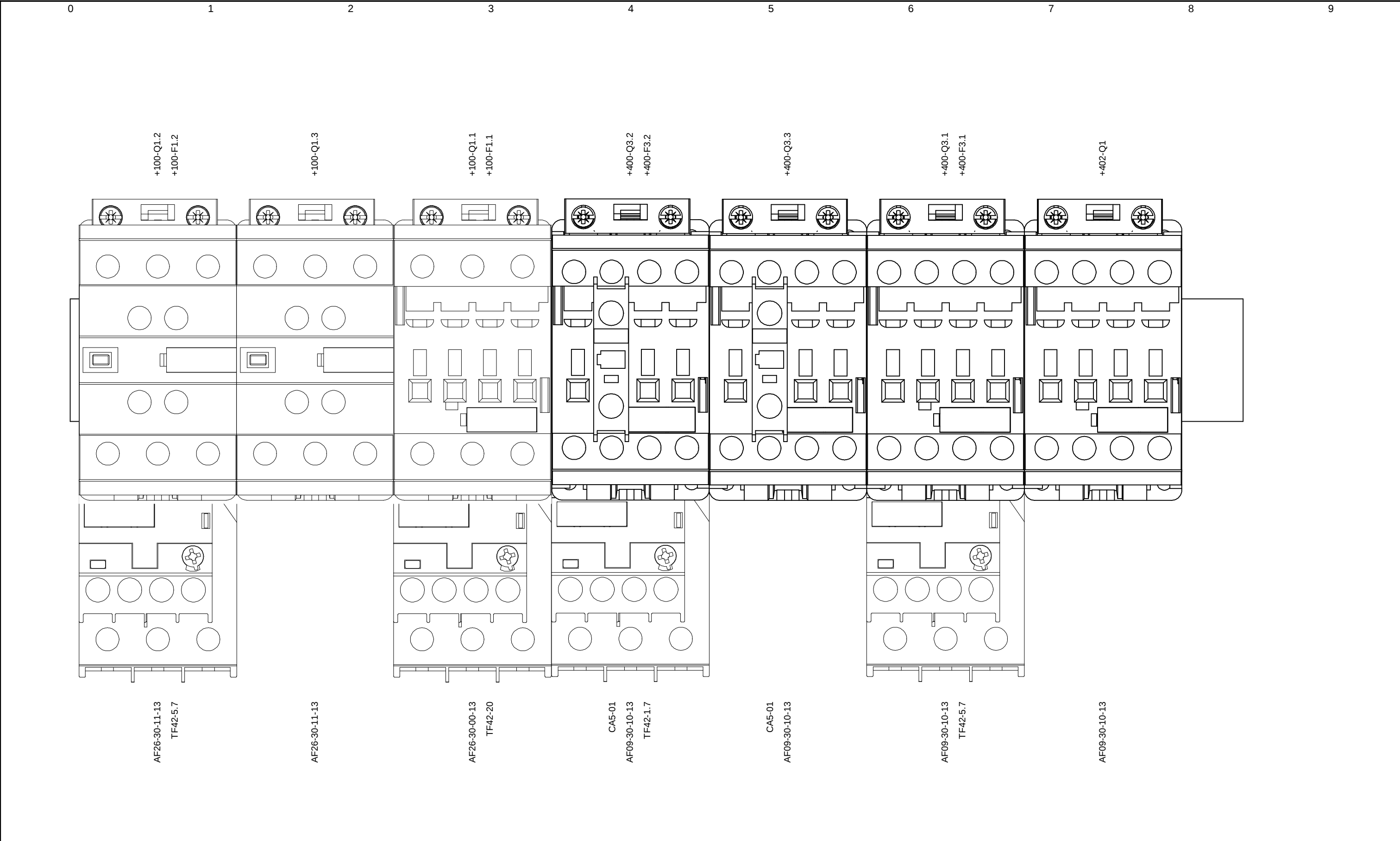


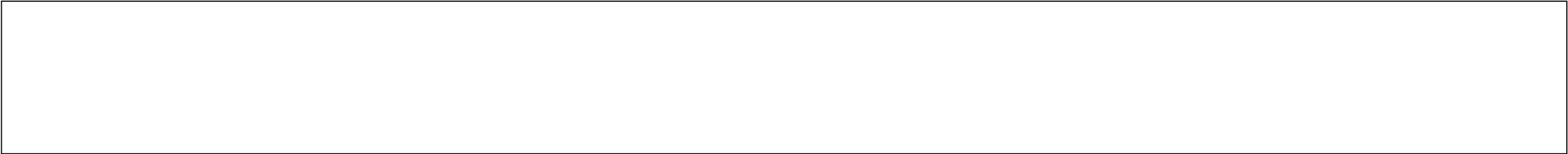


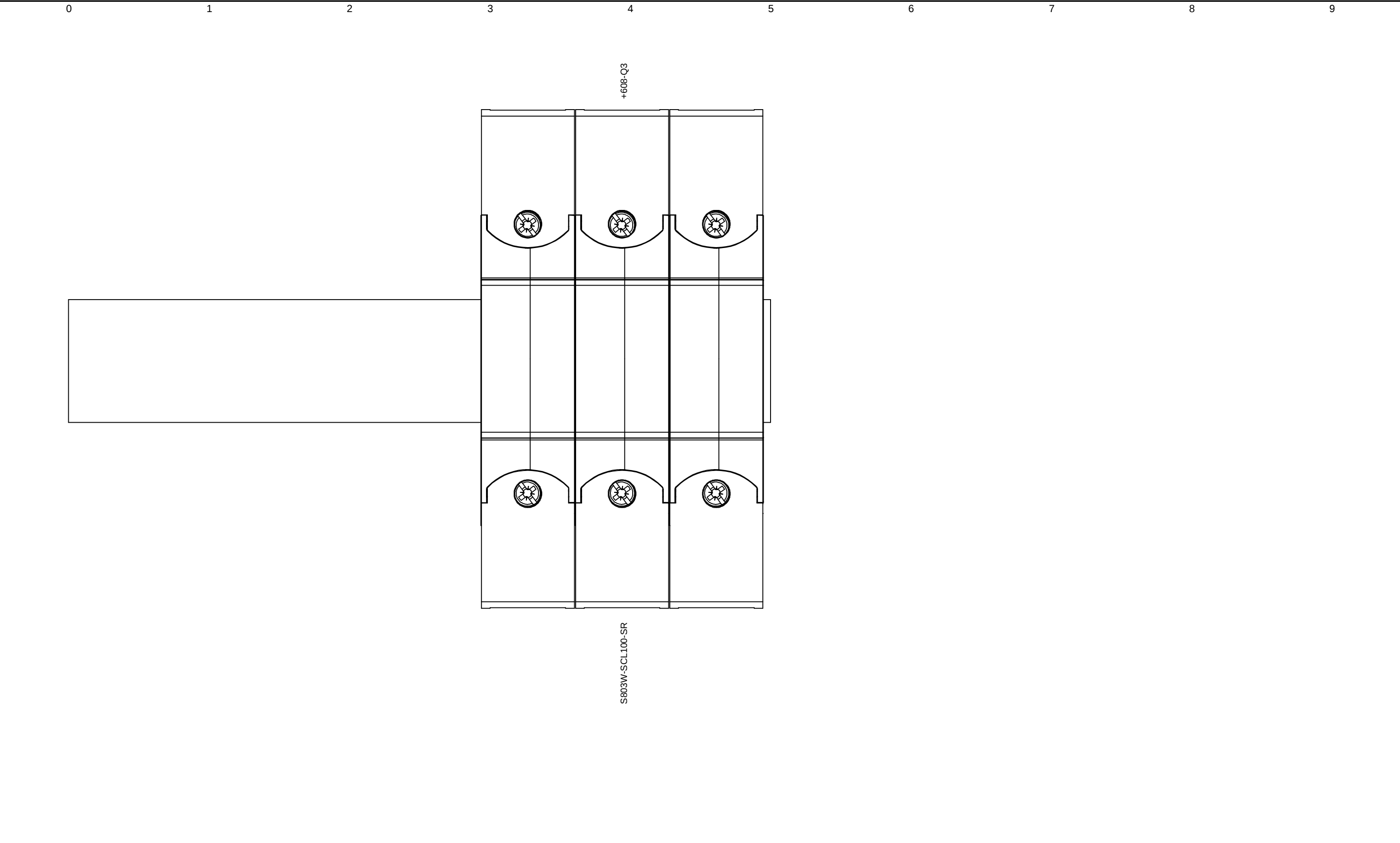


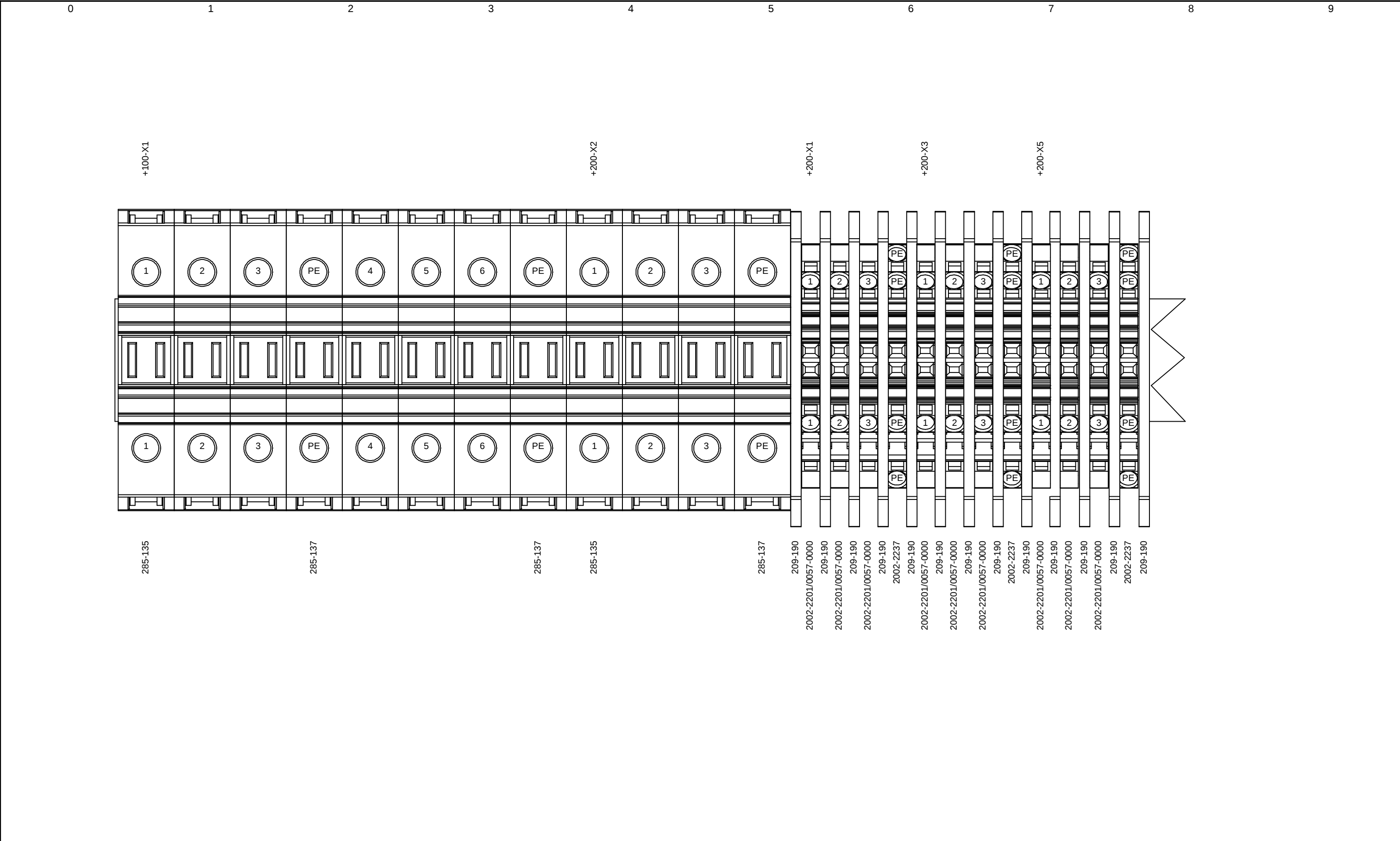




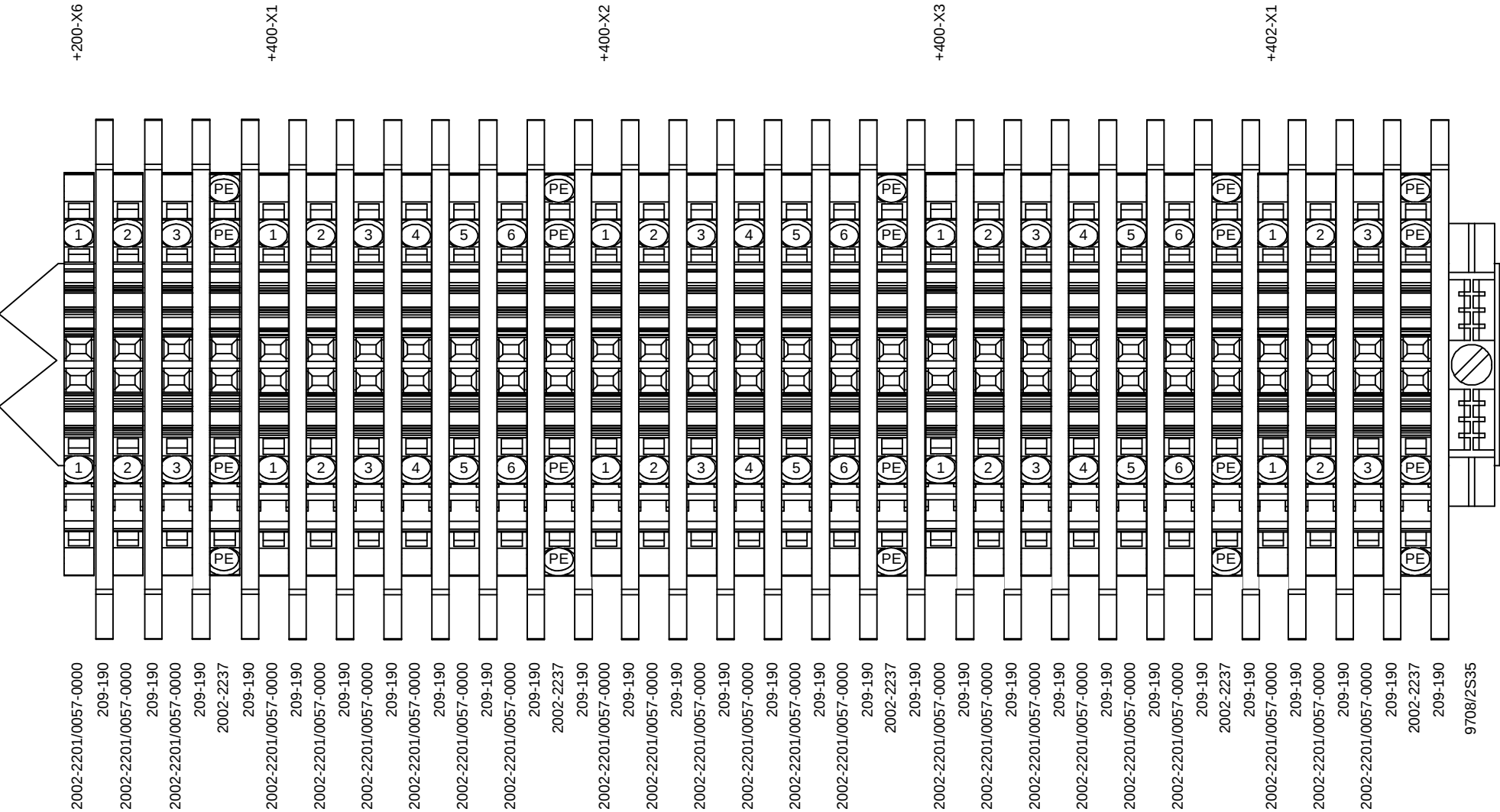


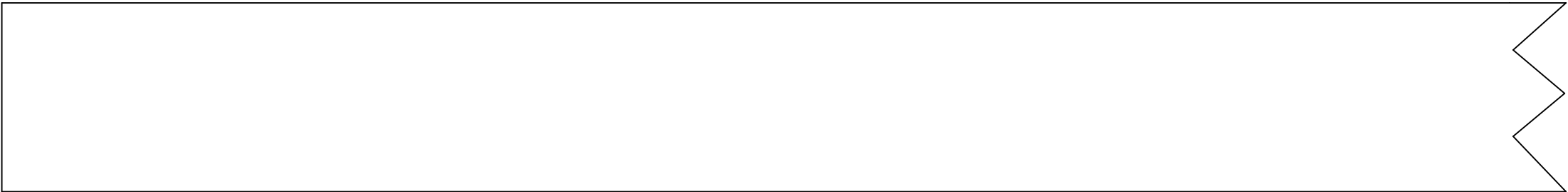


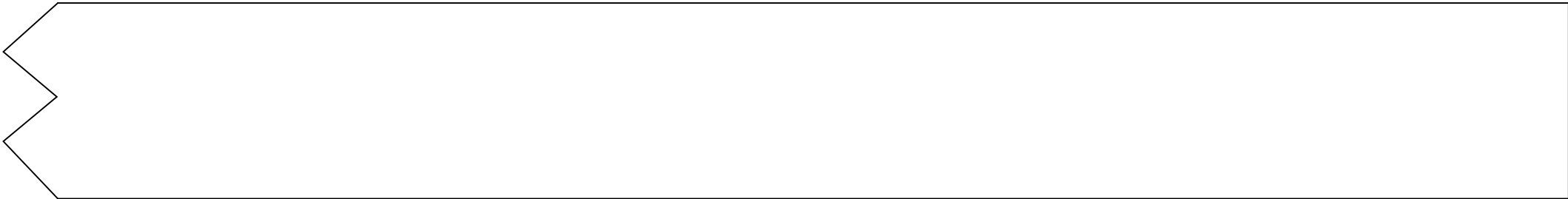


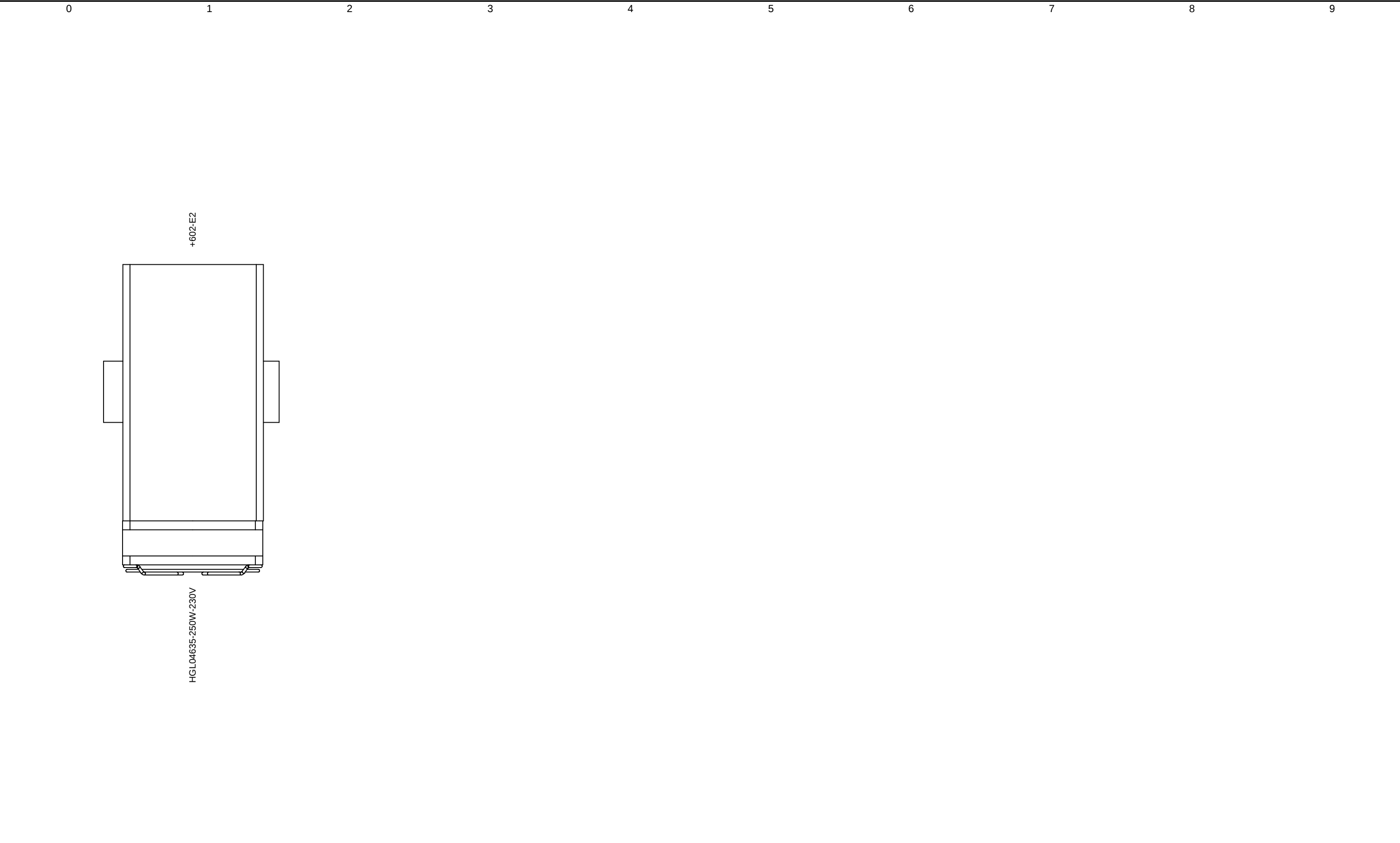


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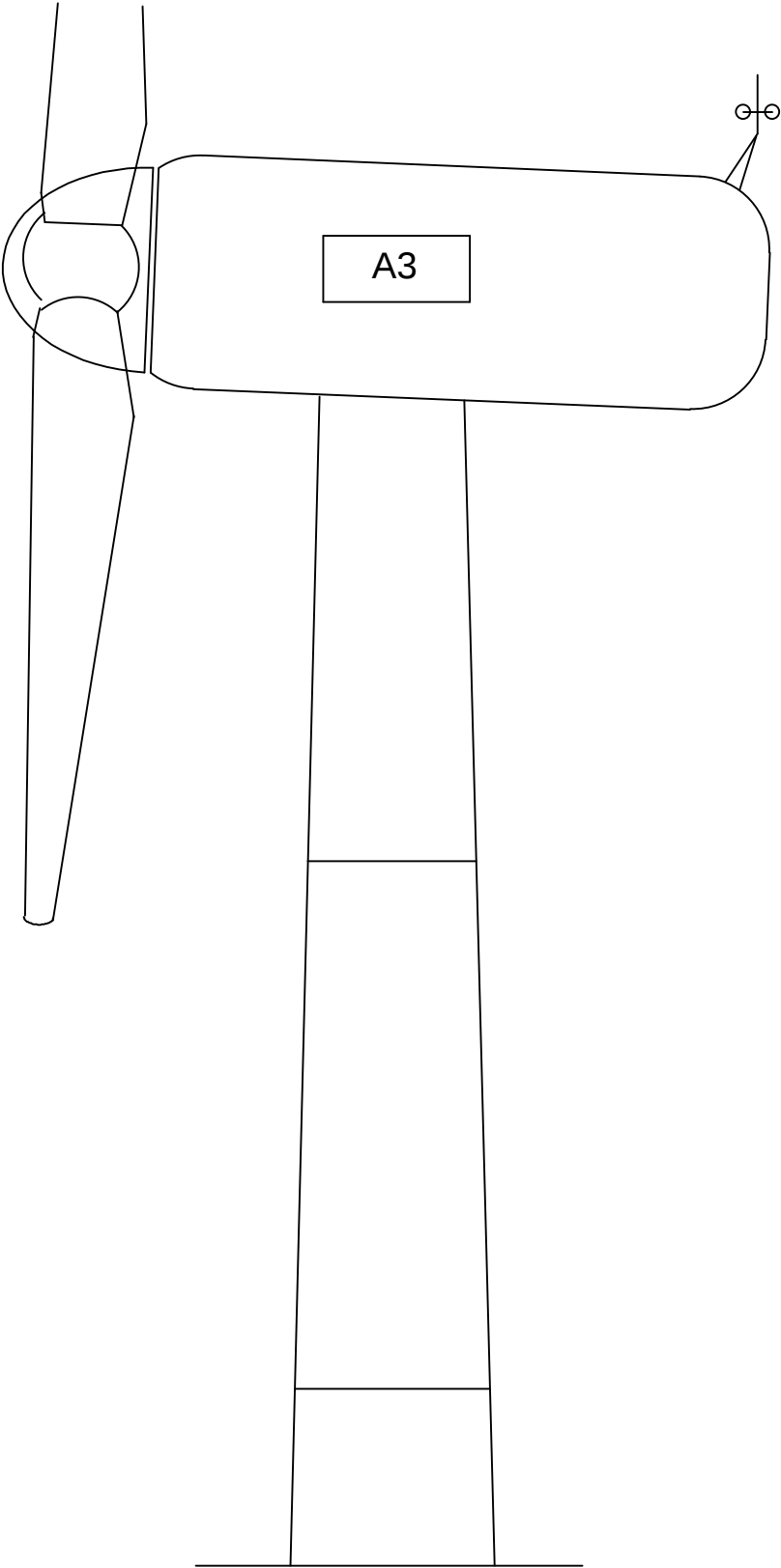




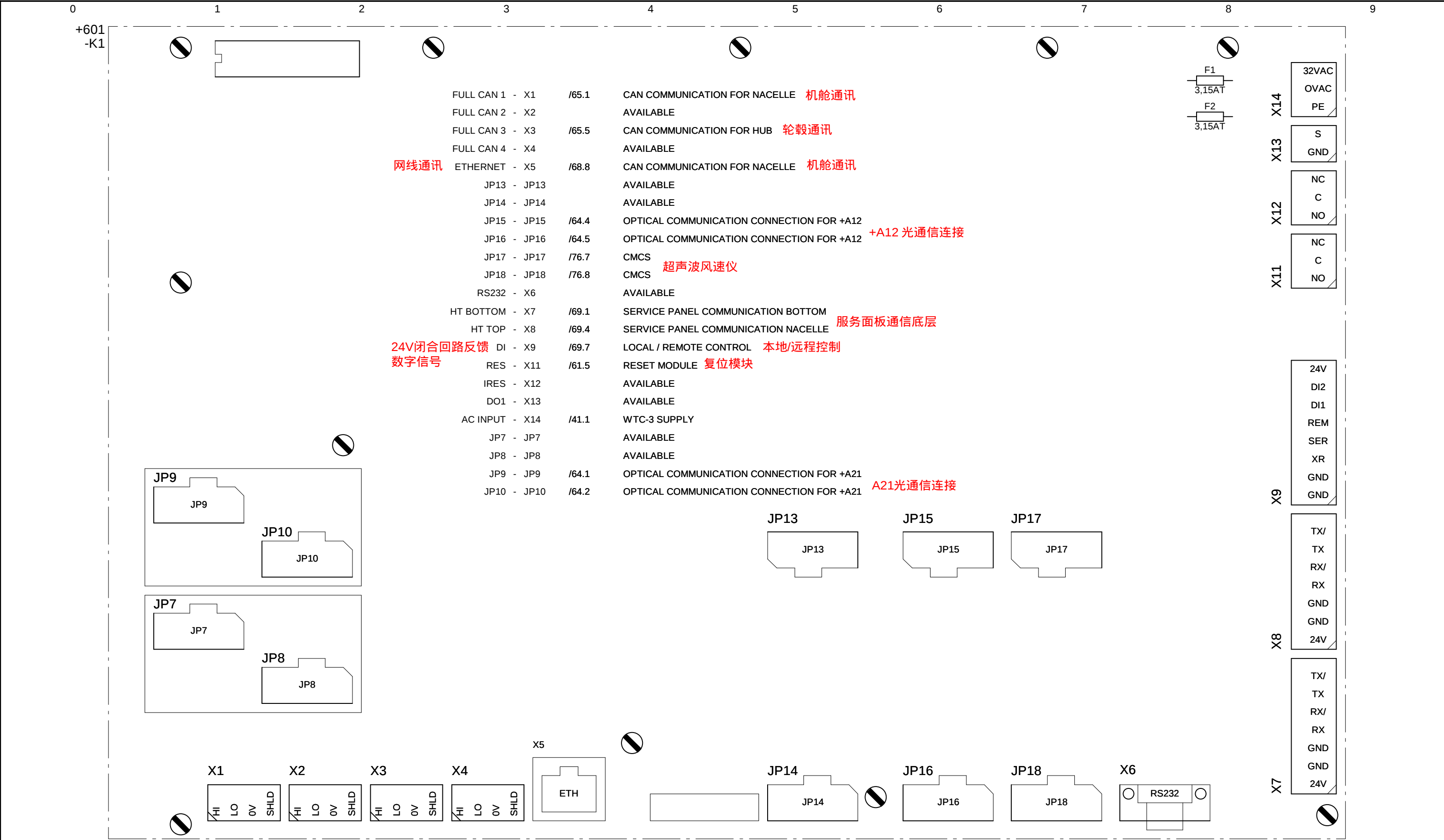
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		2014-05-28			DIN RAIL 10 RIGHT SIDE (PO)	+A3	
		kk-responsible	Item-no.			ZCD-no:	L-42
		JASOE/mebje	V3040A3002			1040046	
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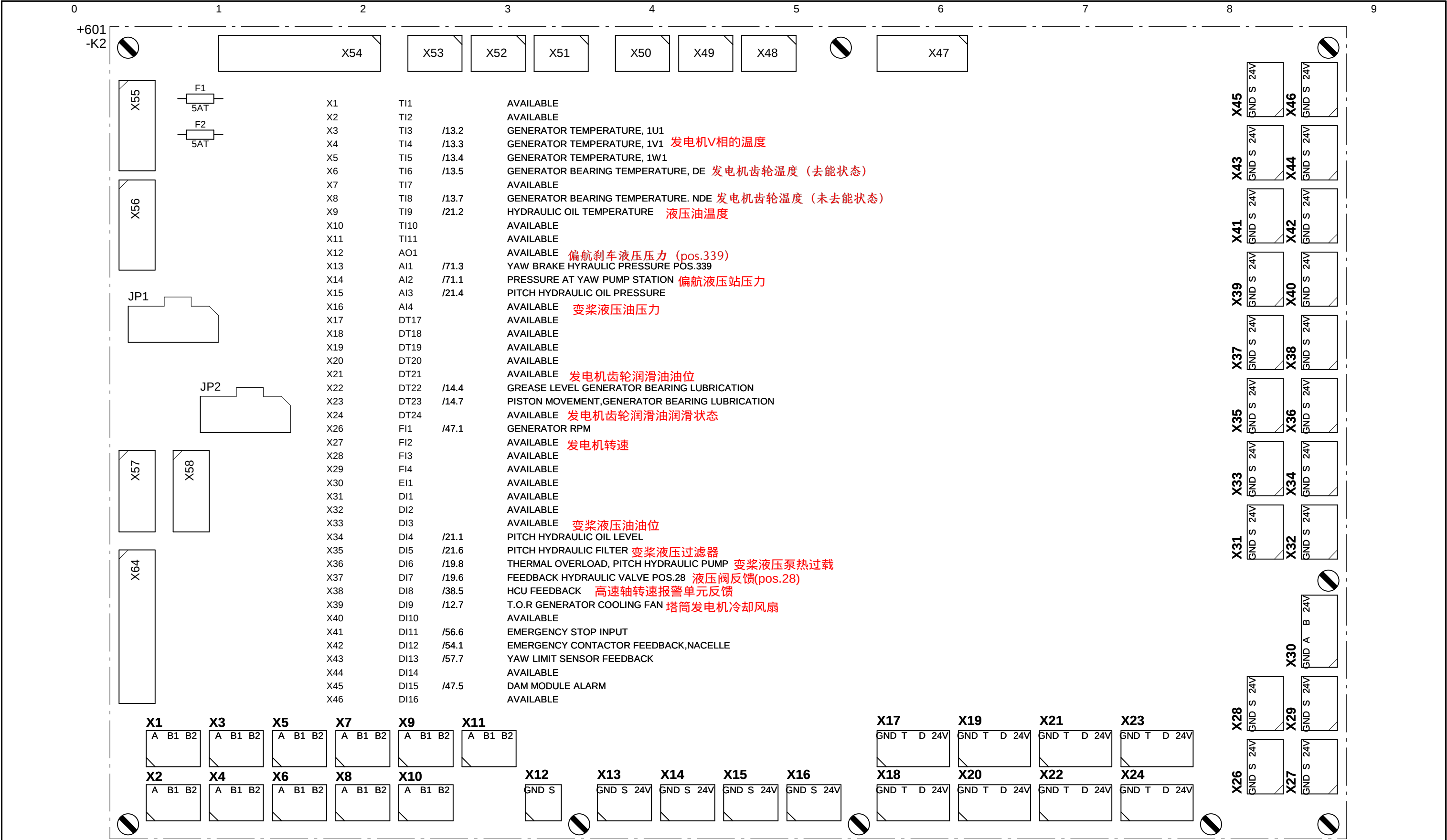
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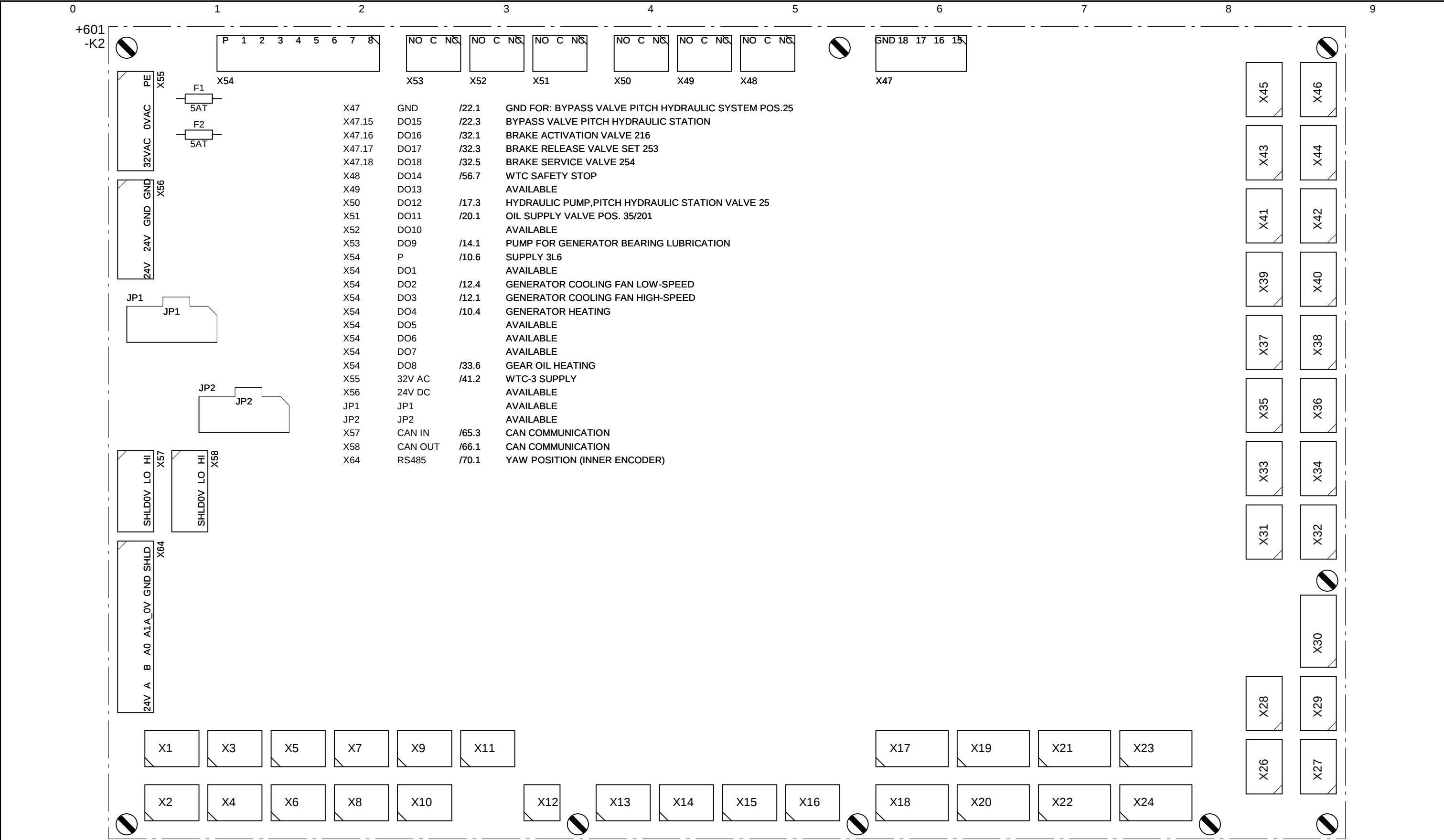
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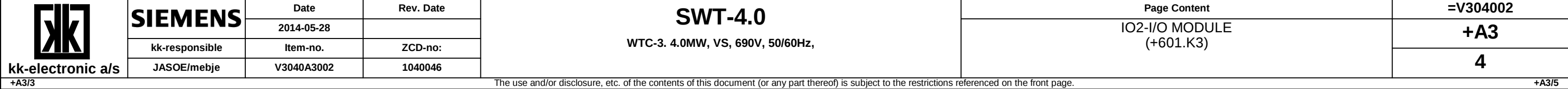


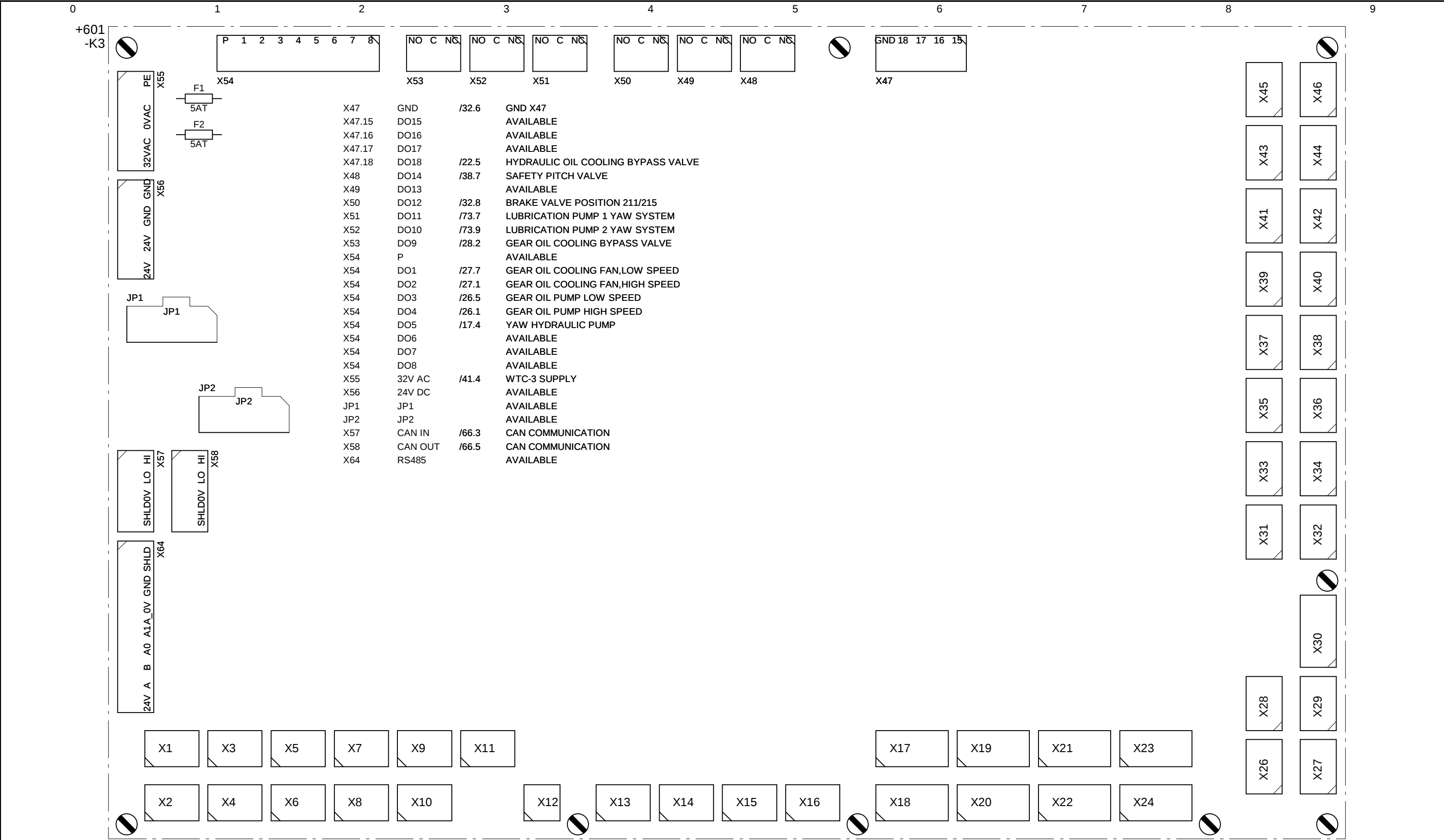
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		2014-05-28			+A3 DIAGRAM	+A3	
		kk-responsible	Item-no.			ZCD-no:	+A3 D
		JASOE/mebje	V3040A3002			1040046	
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.							
+A3/1							

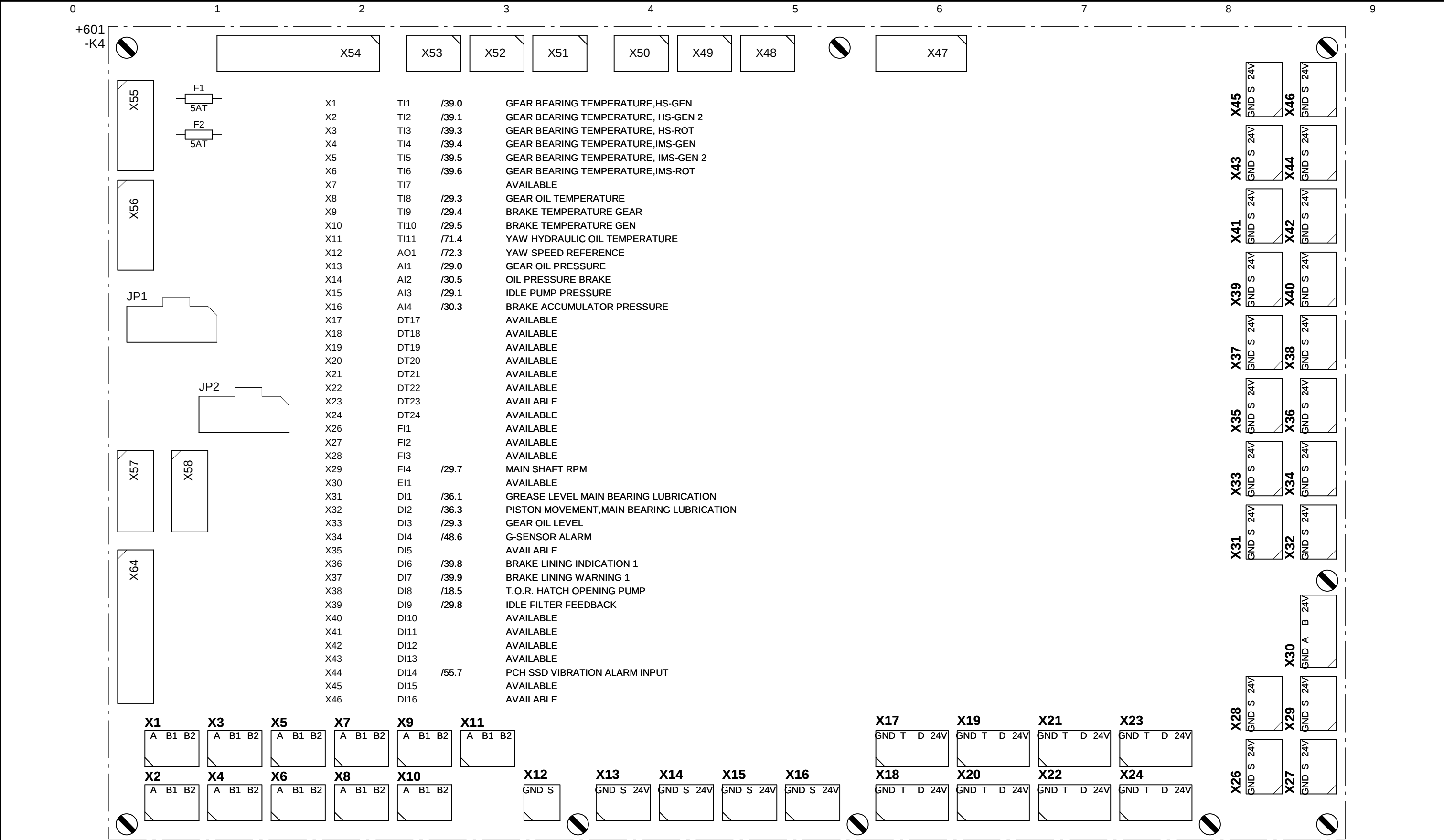


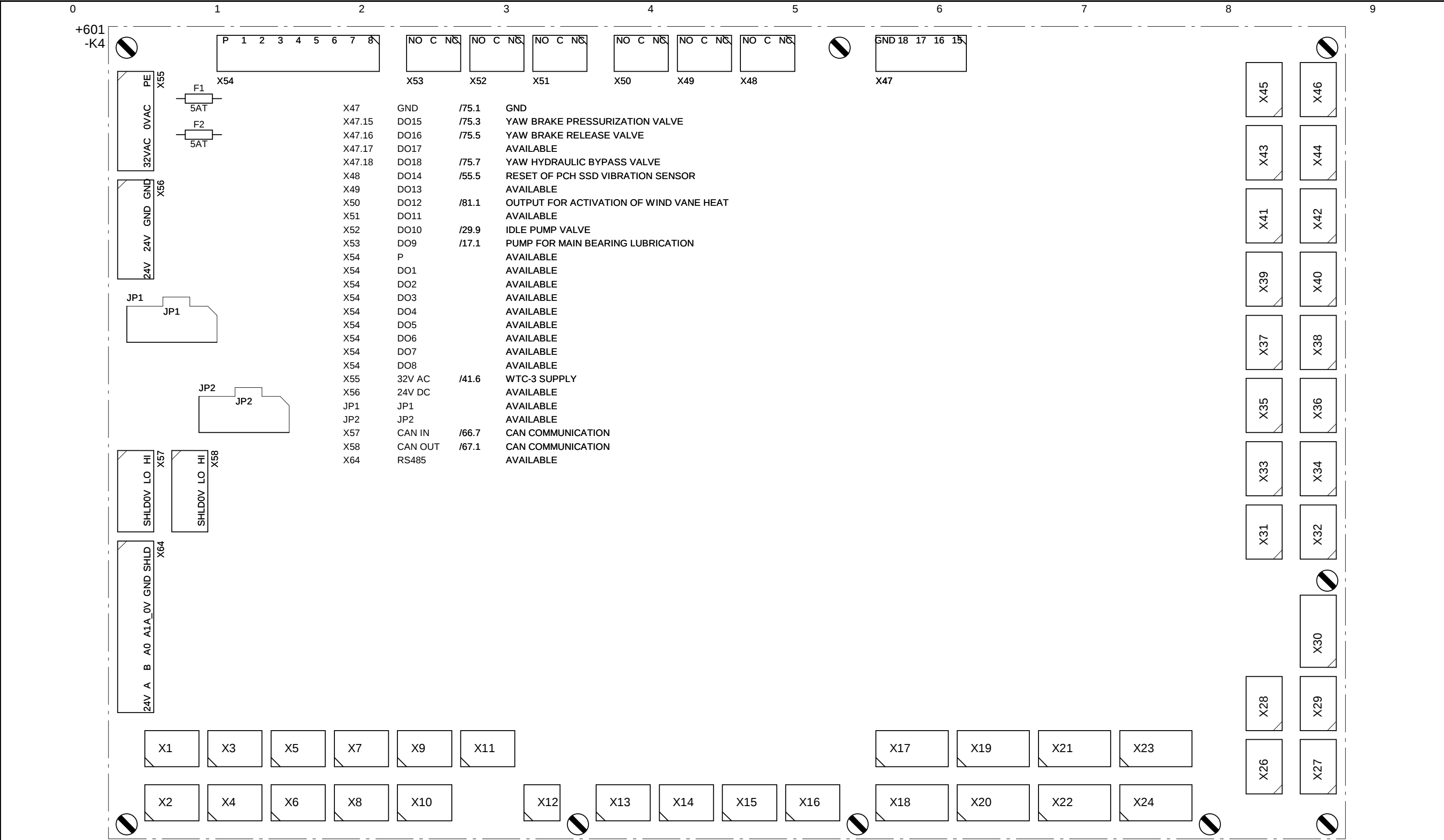


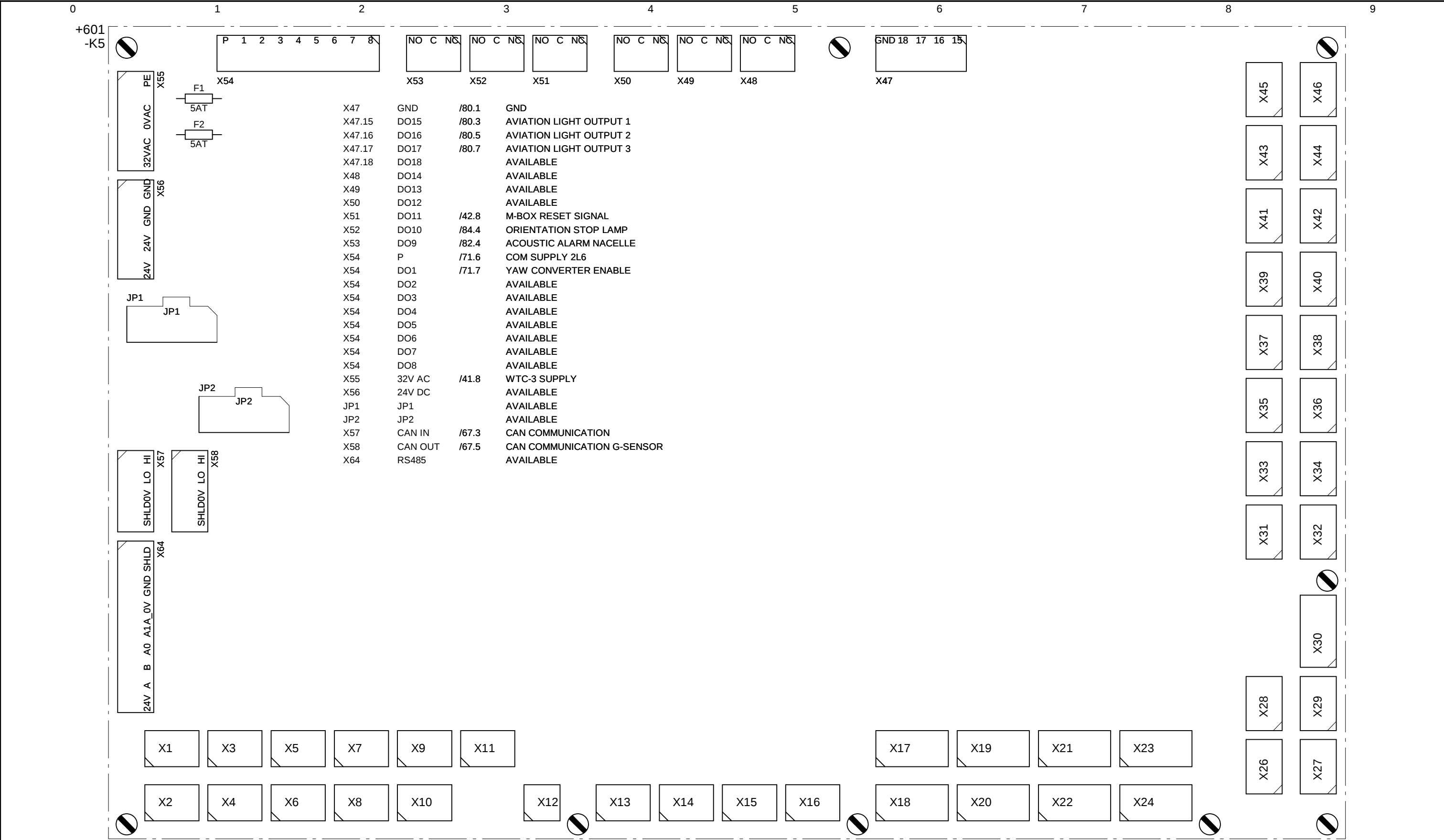


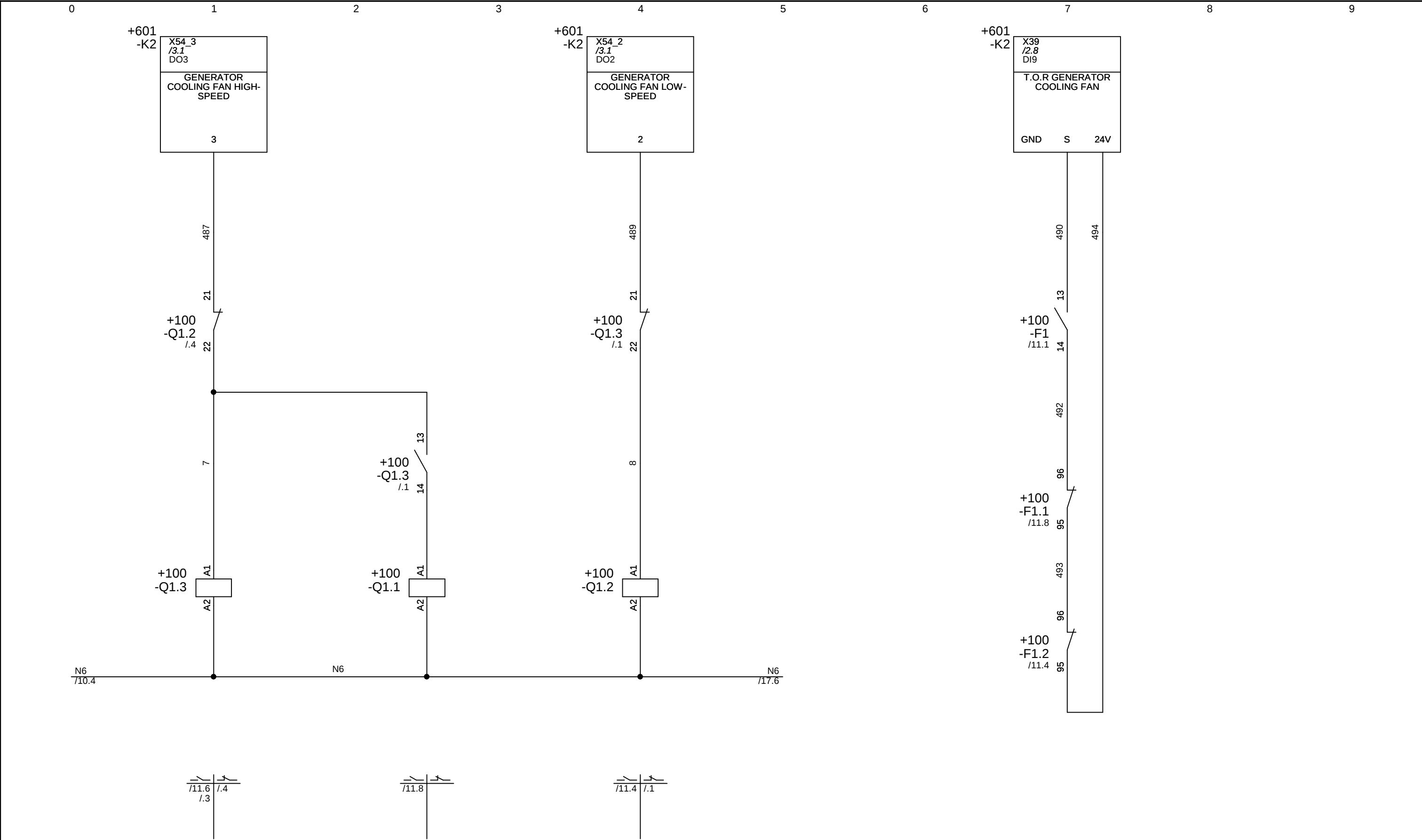


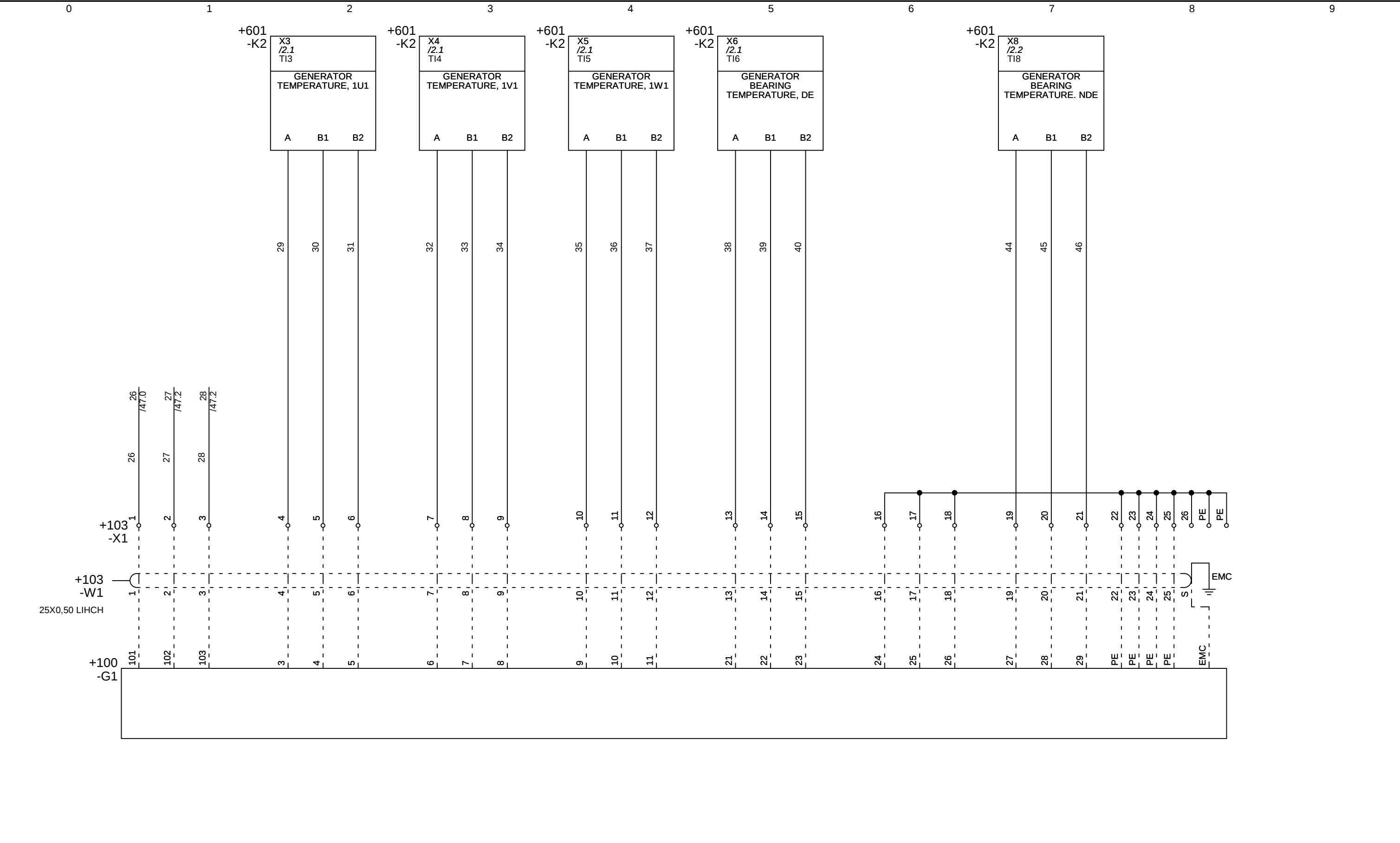


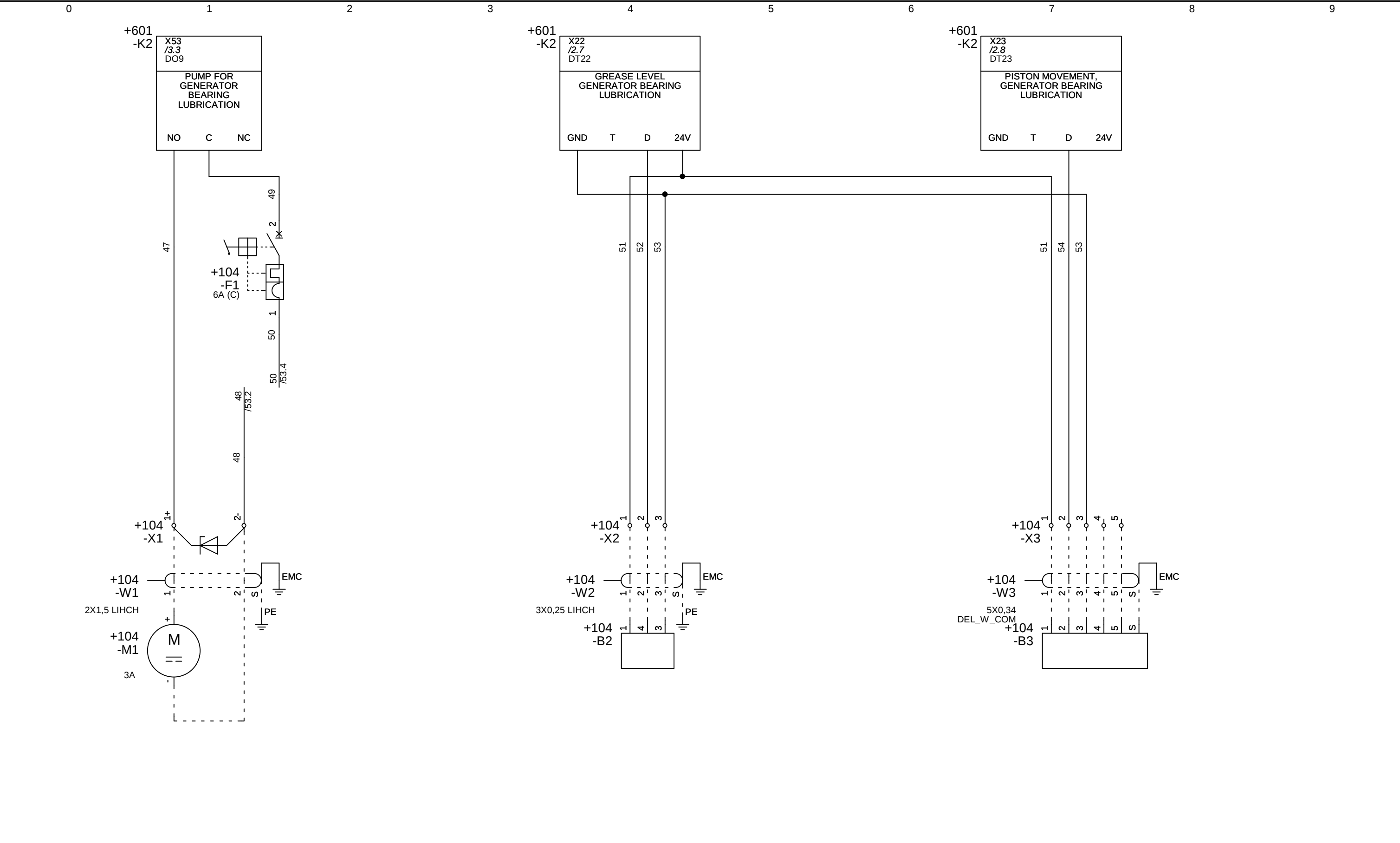


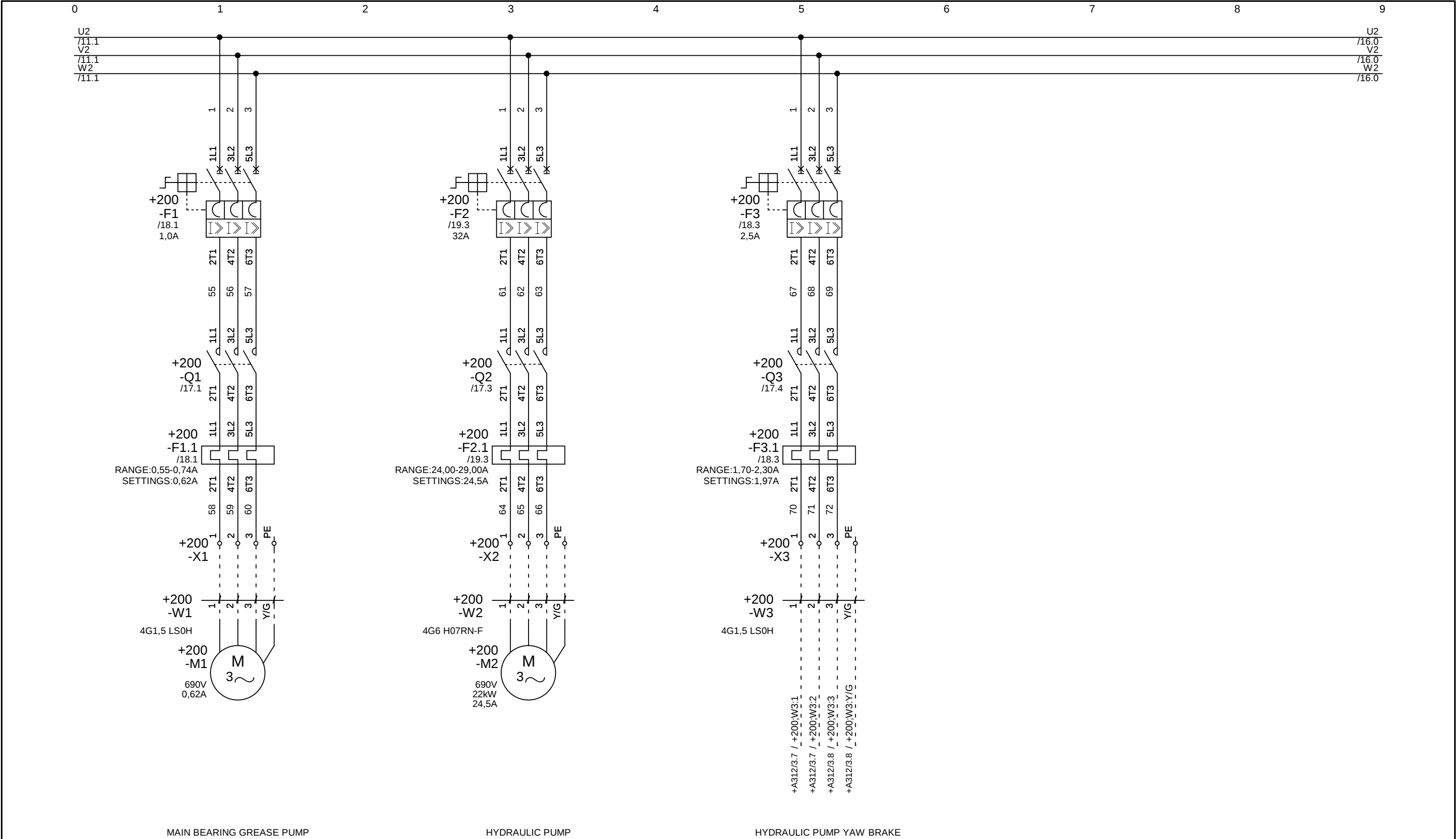


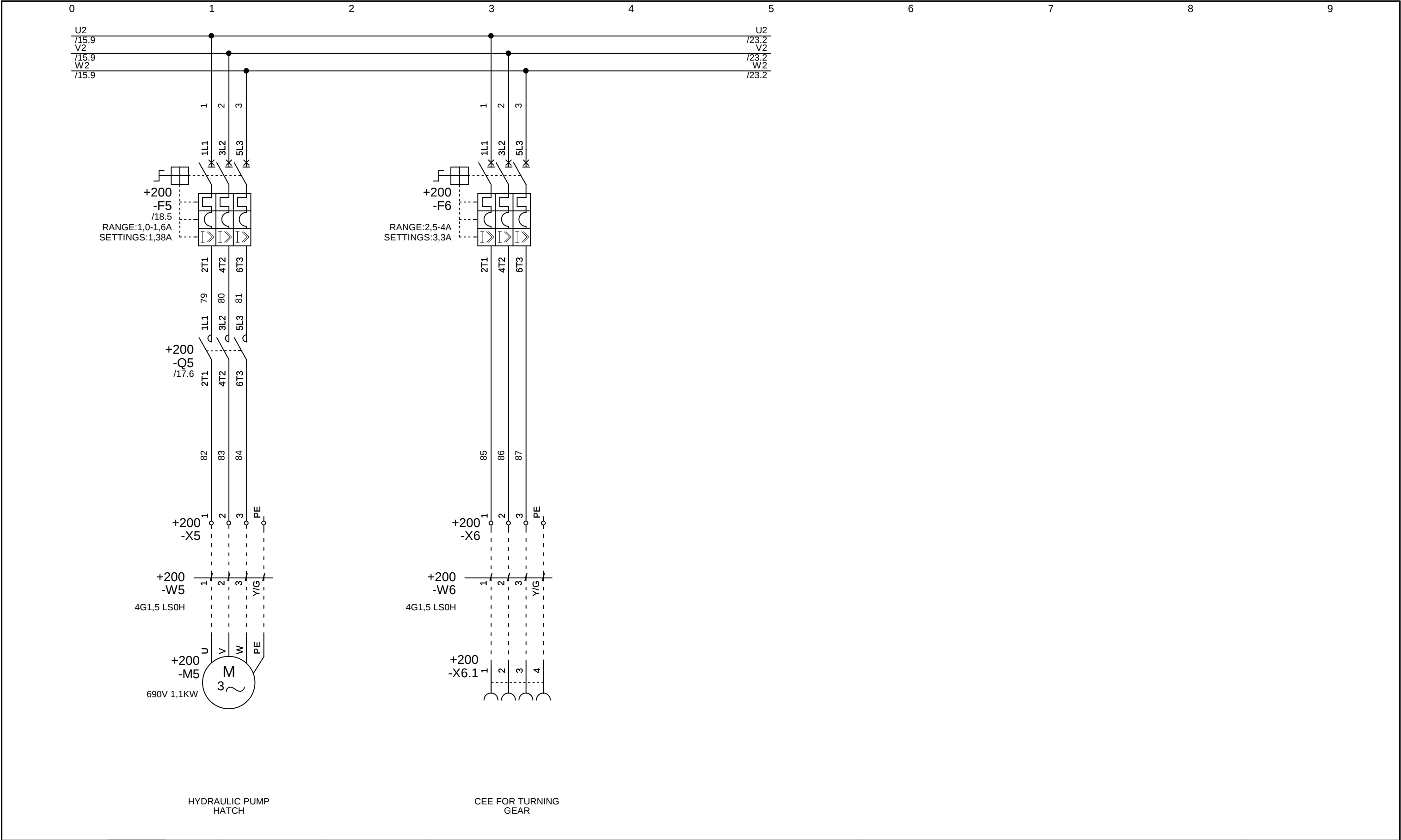




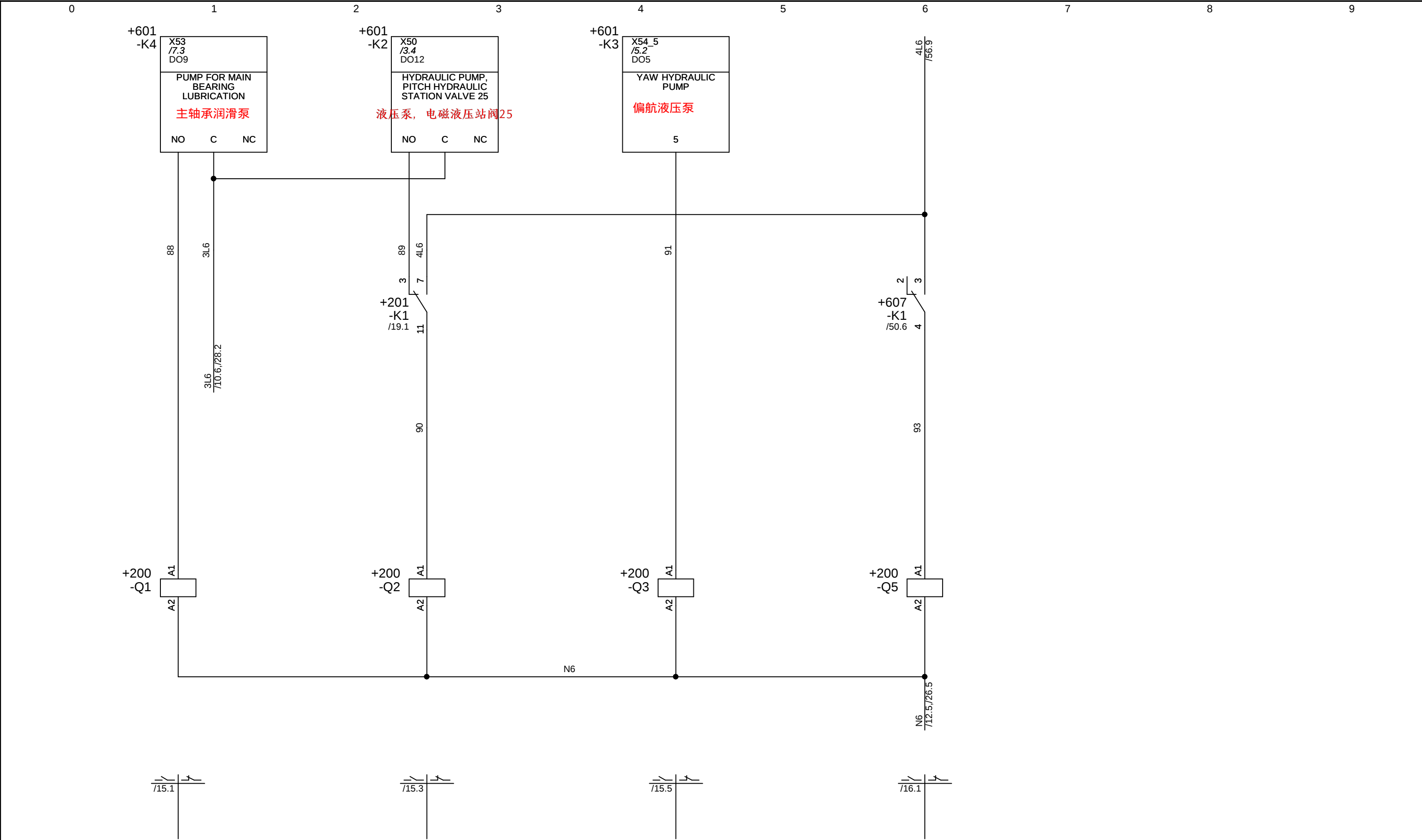


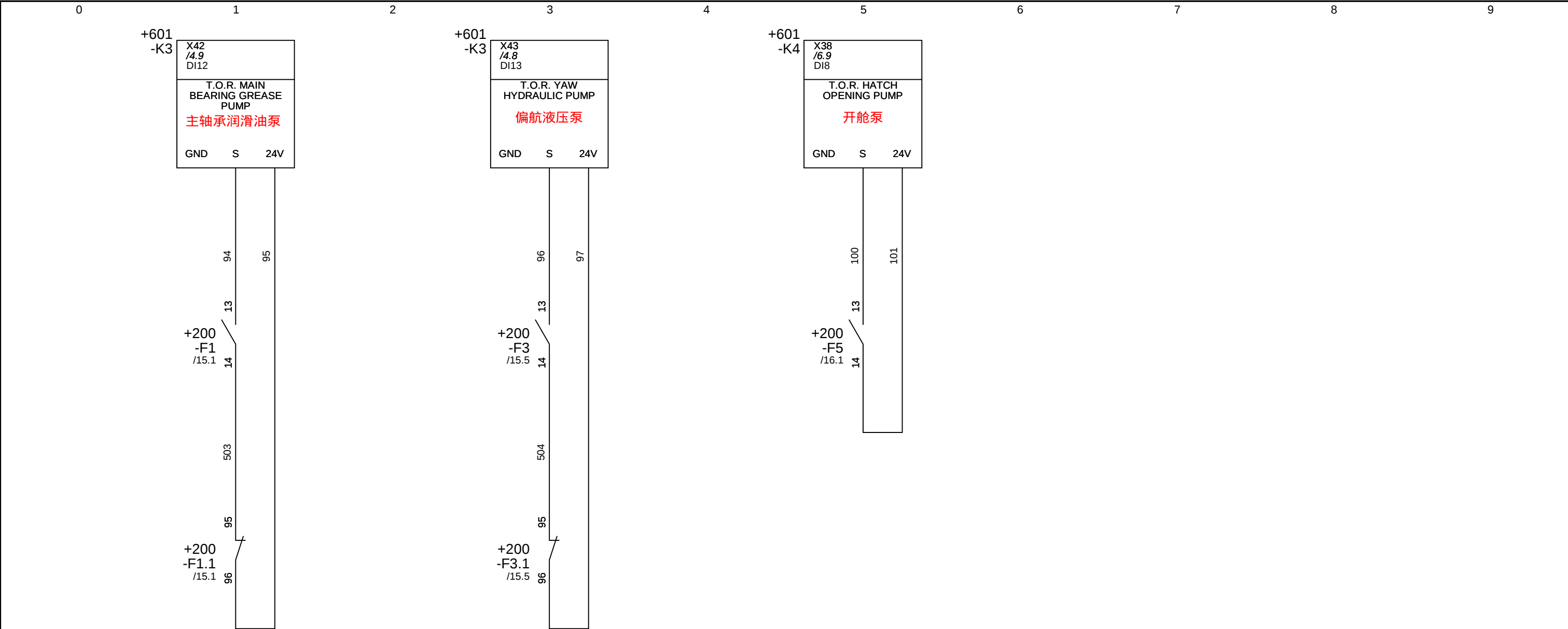


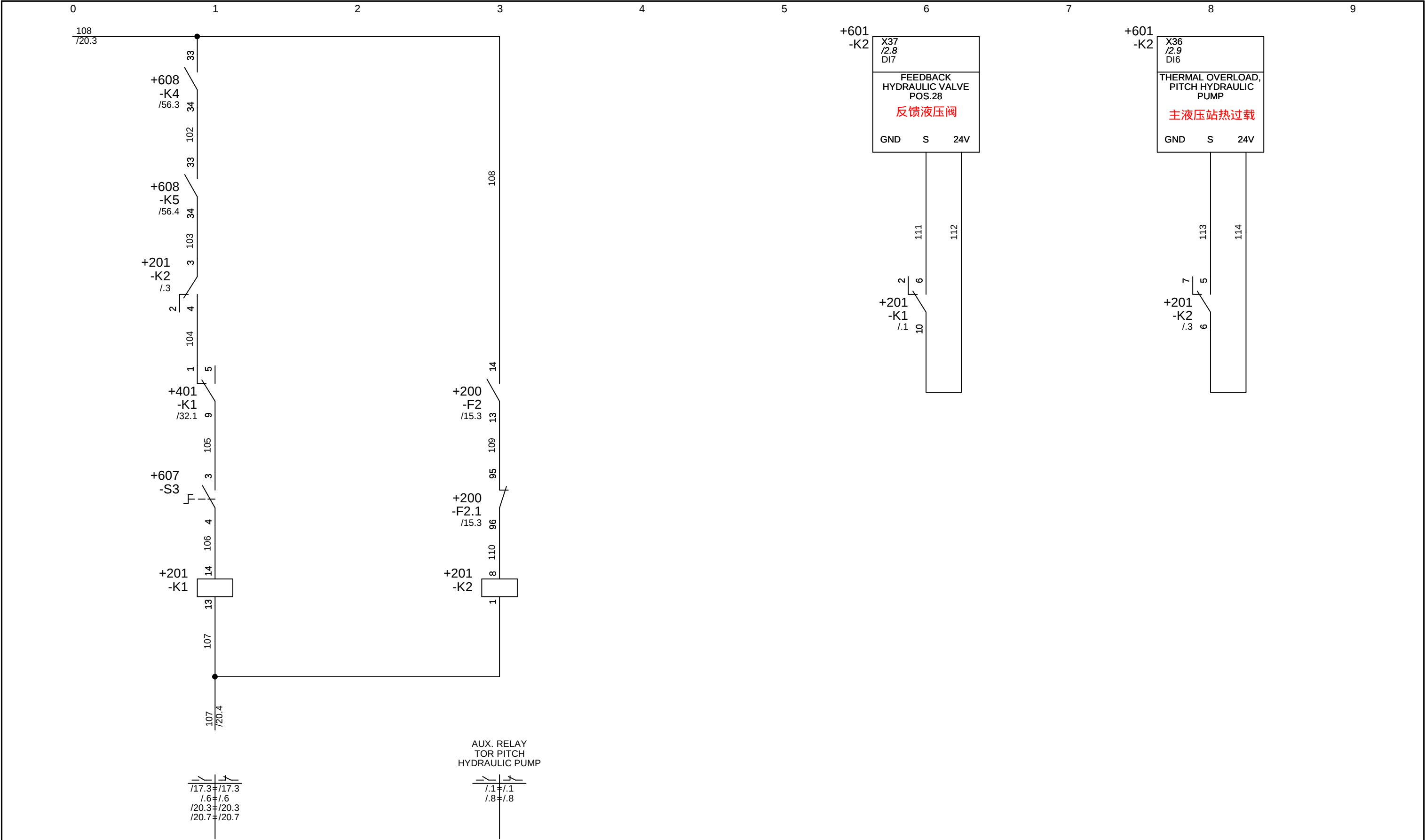




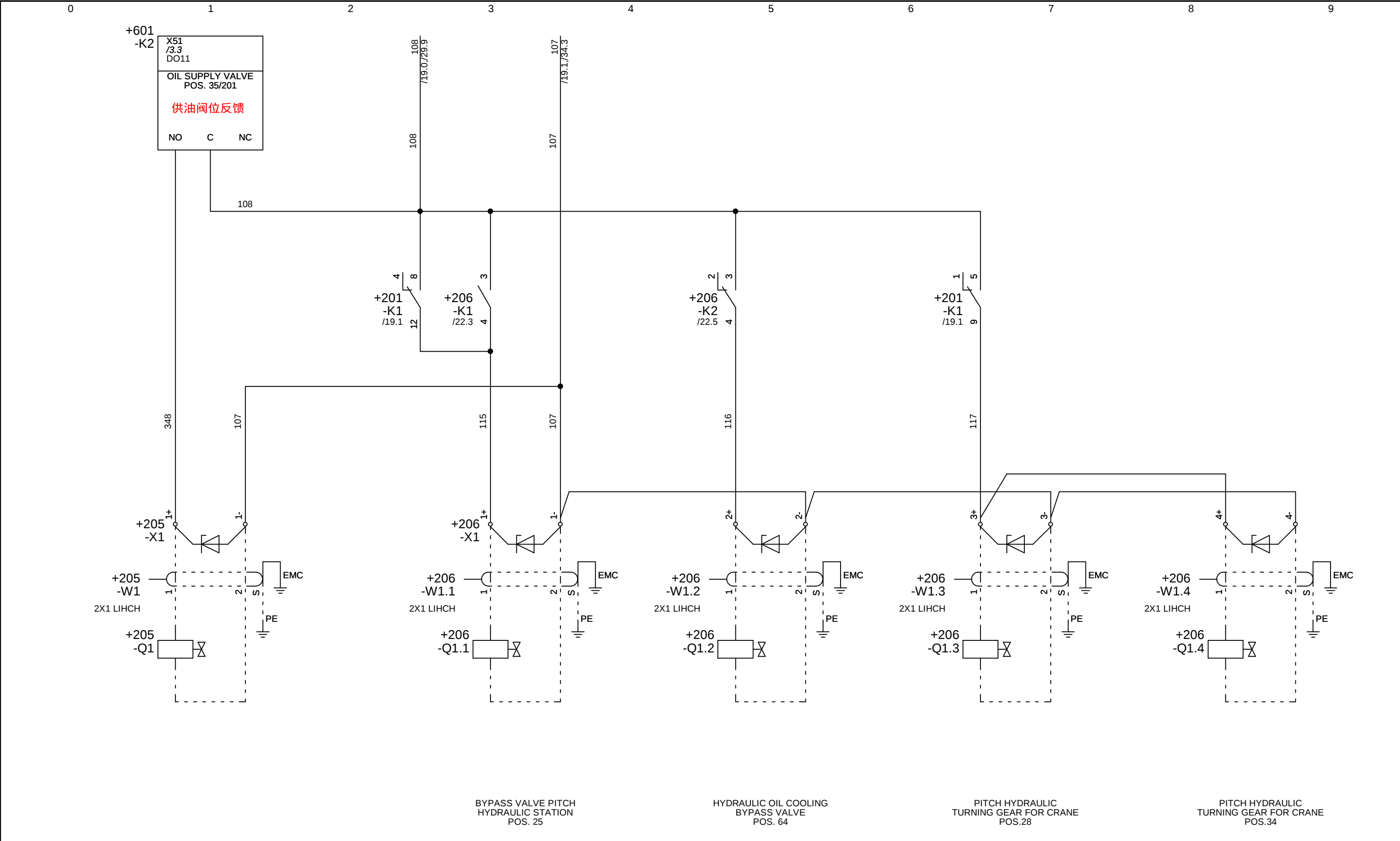
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		2014-05-28			200:HYDRULIC PUMP HATCH CEE. FOR TURNING GEAR PLUG	+A3					
	kk-responsible	Item-no.	ZCD-no:			16					
	JASOE/mebje	V3040A3002	1040046								
+A3/15								The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A3/17	



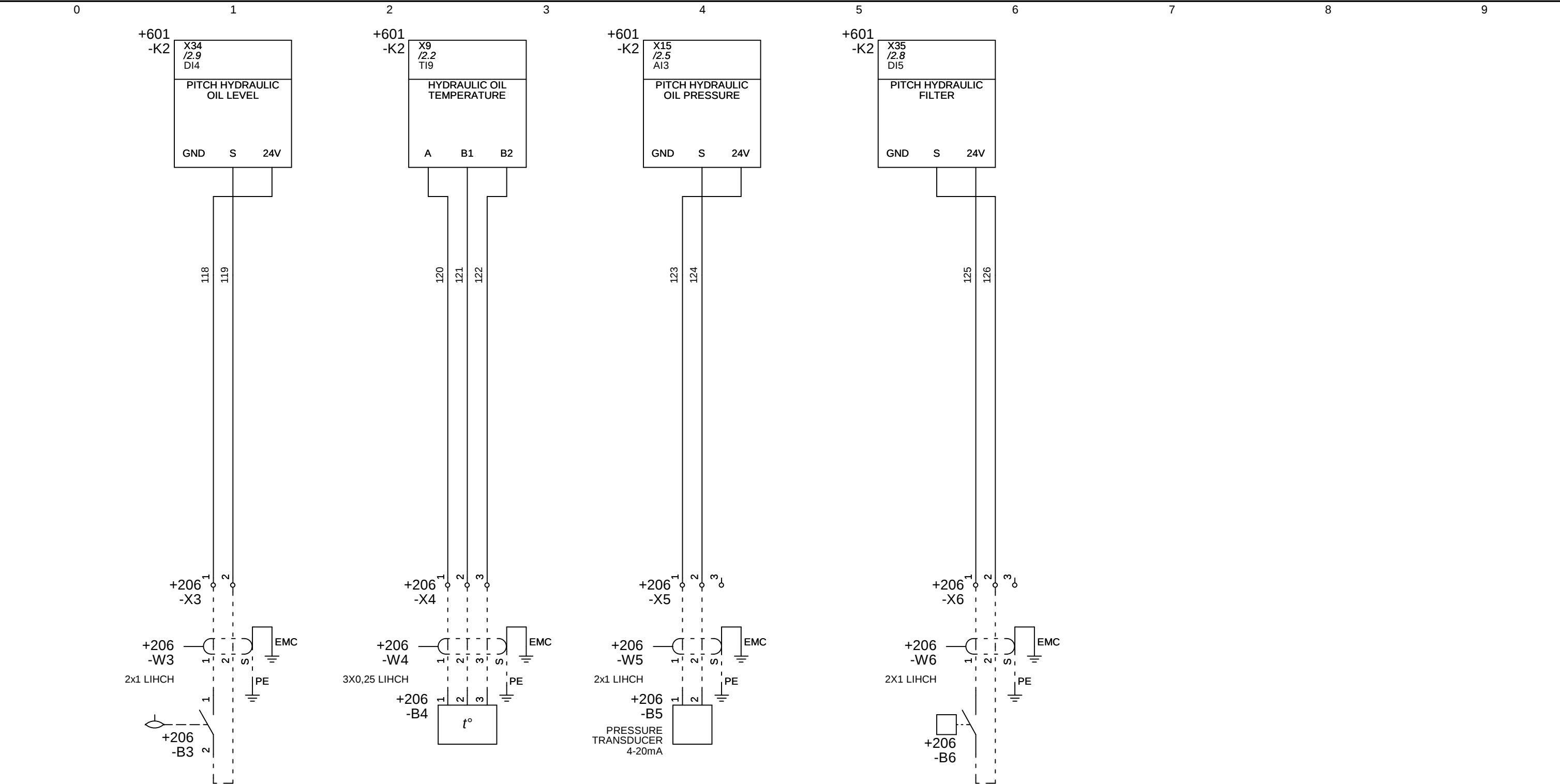


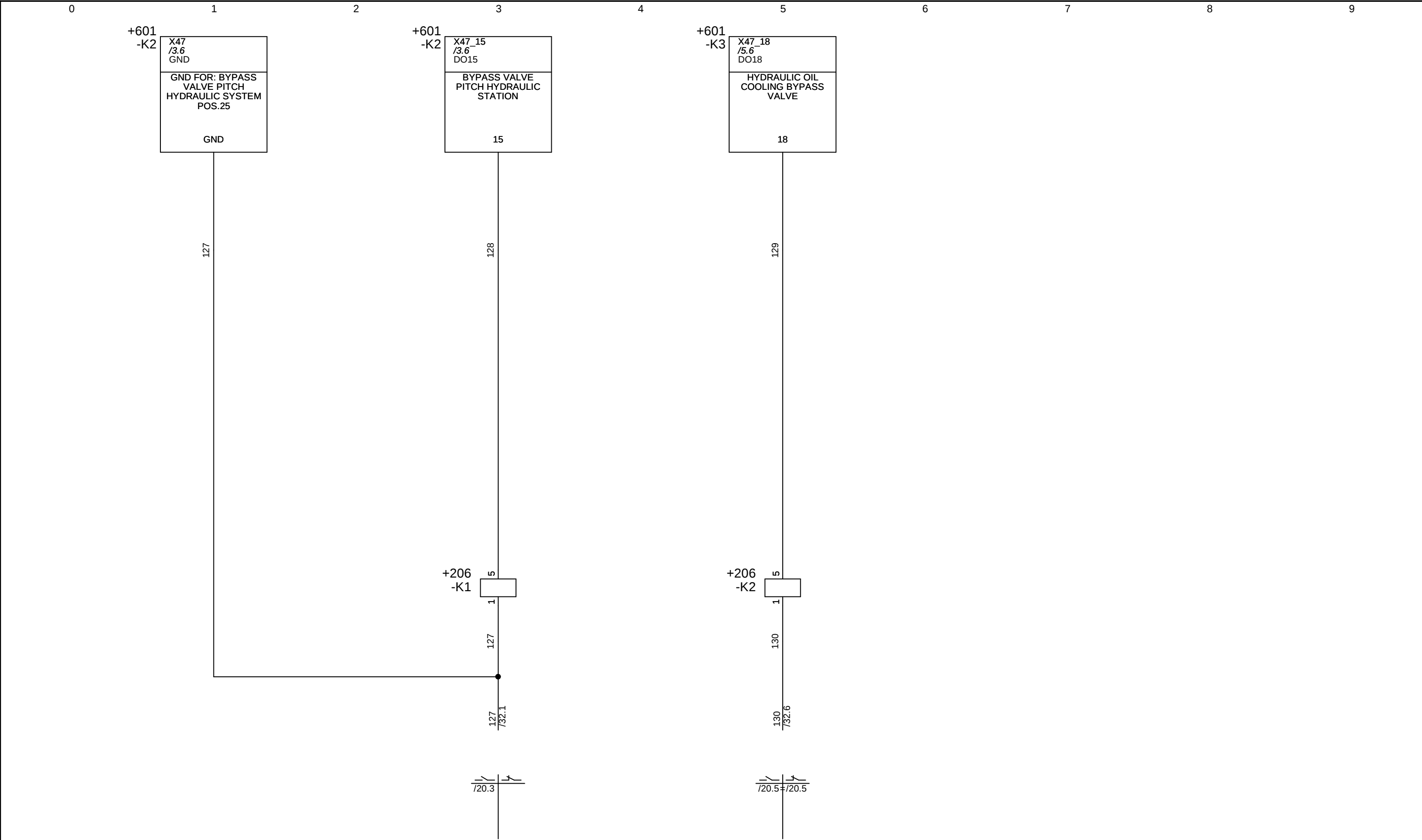


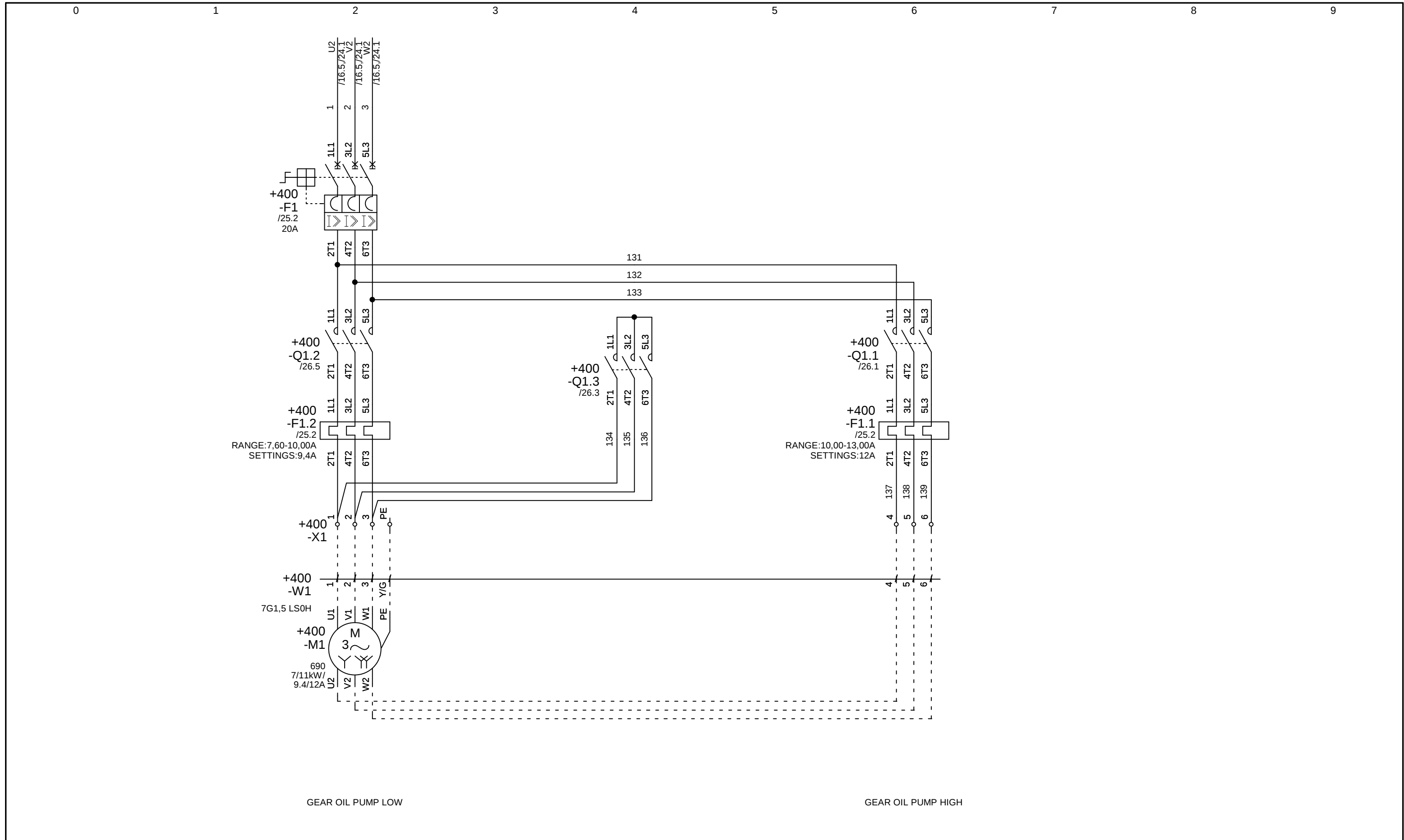
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		2014-05-28			201:OIL SUPPLY VALVE PITCH HYDRAULIC, COOLING		+A3			
	kk-responsible	Item-no.	ZCD-no:				19			
	JASOE/mebje	V3040A3002	1040046							
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 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002				
		2014-05-28			205:OIL SUPPLY VALVE 206:PITCH HYDRAULIC, COOLING		+A3				
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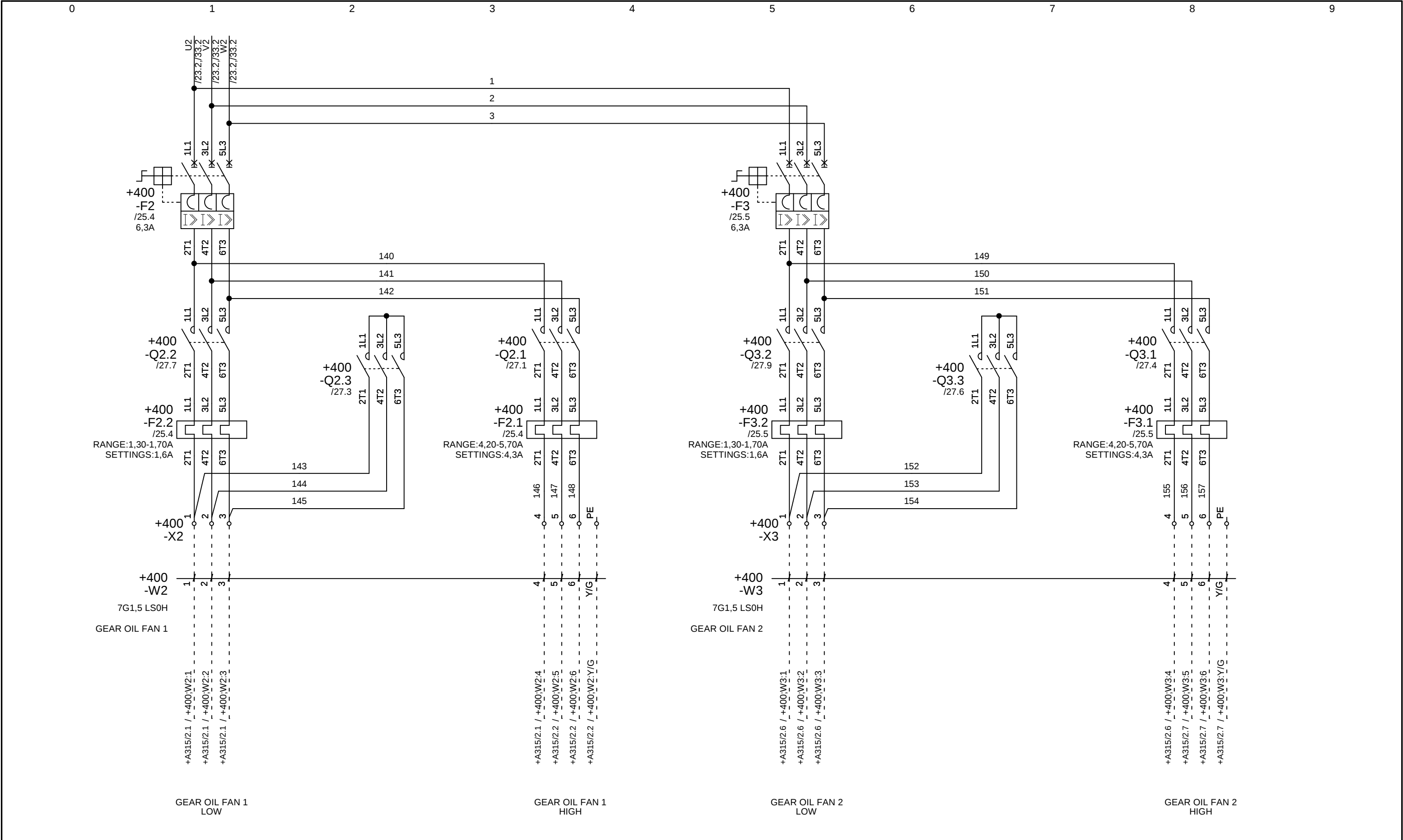


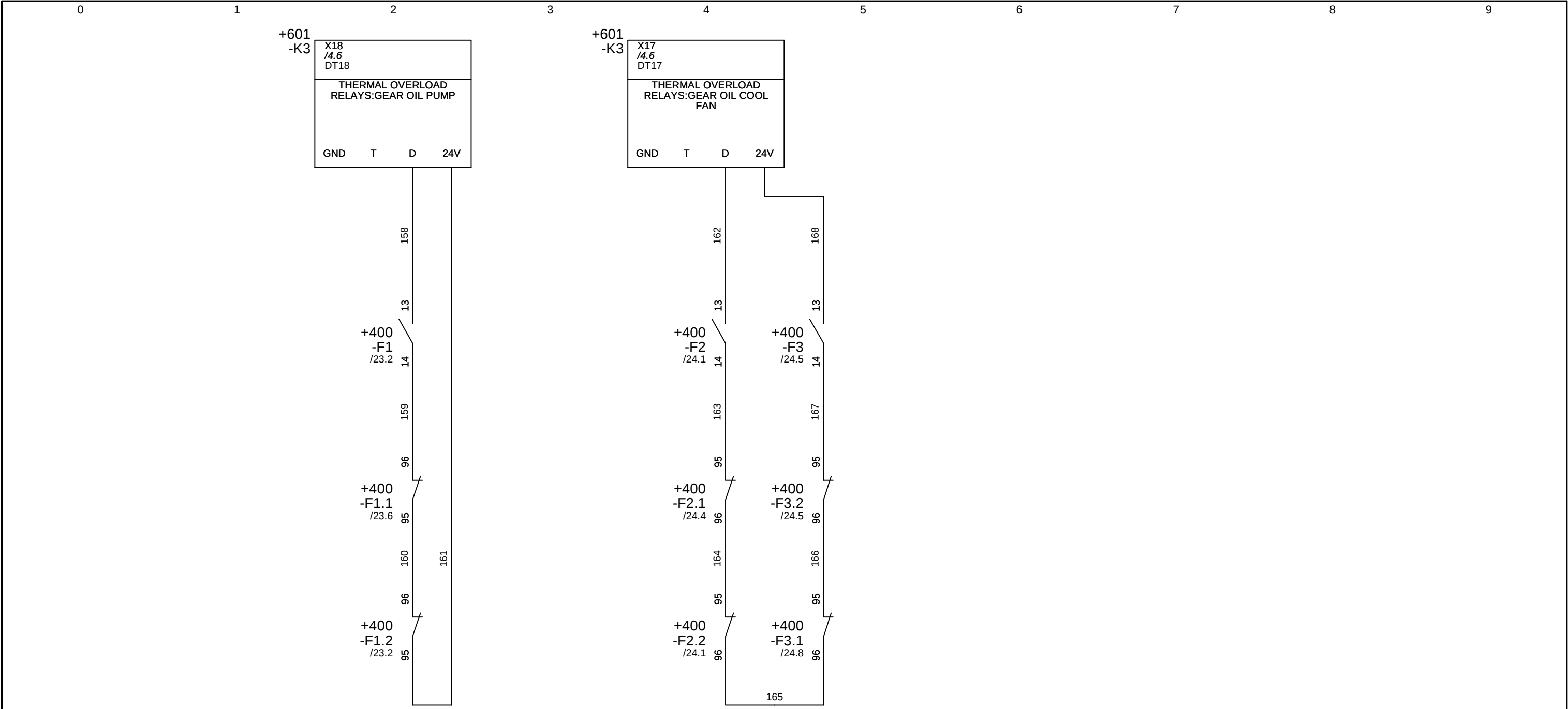


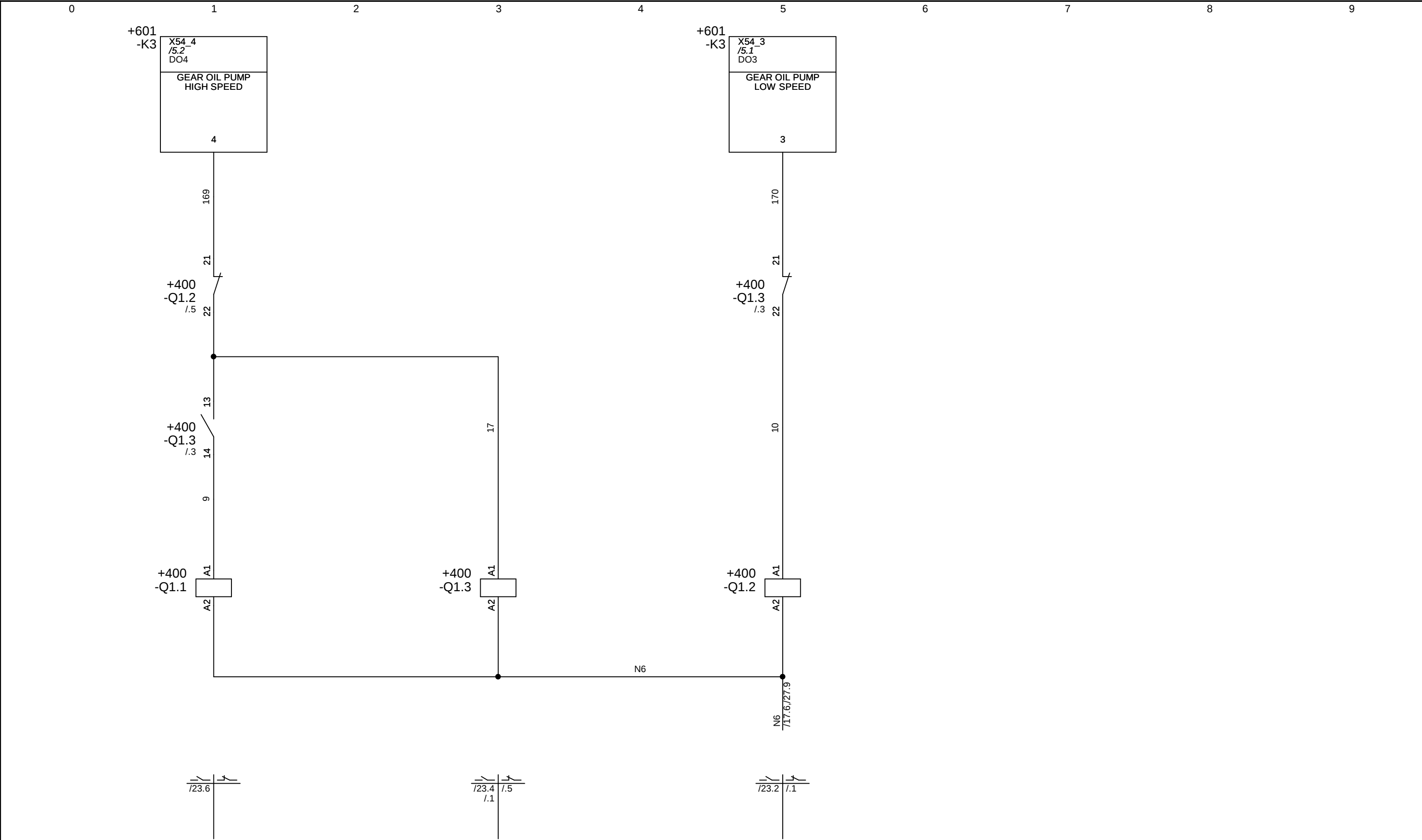
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		2014-05-28			400:GEAR OIL PUMP	+A3
		Item-no.	ZCD-no:			23
		JASOE/mebje	V3040A3002			

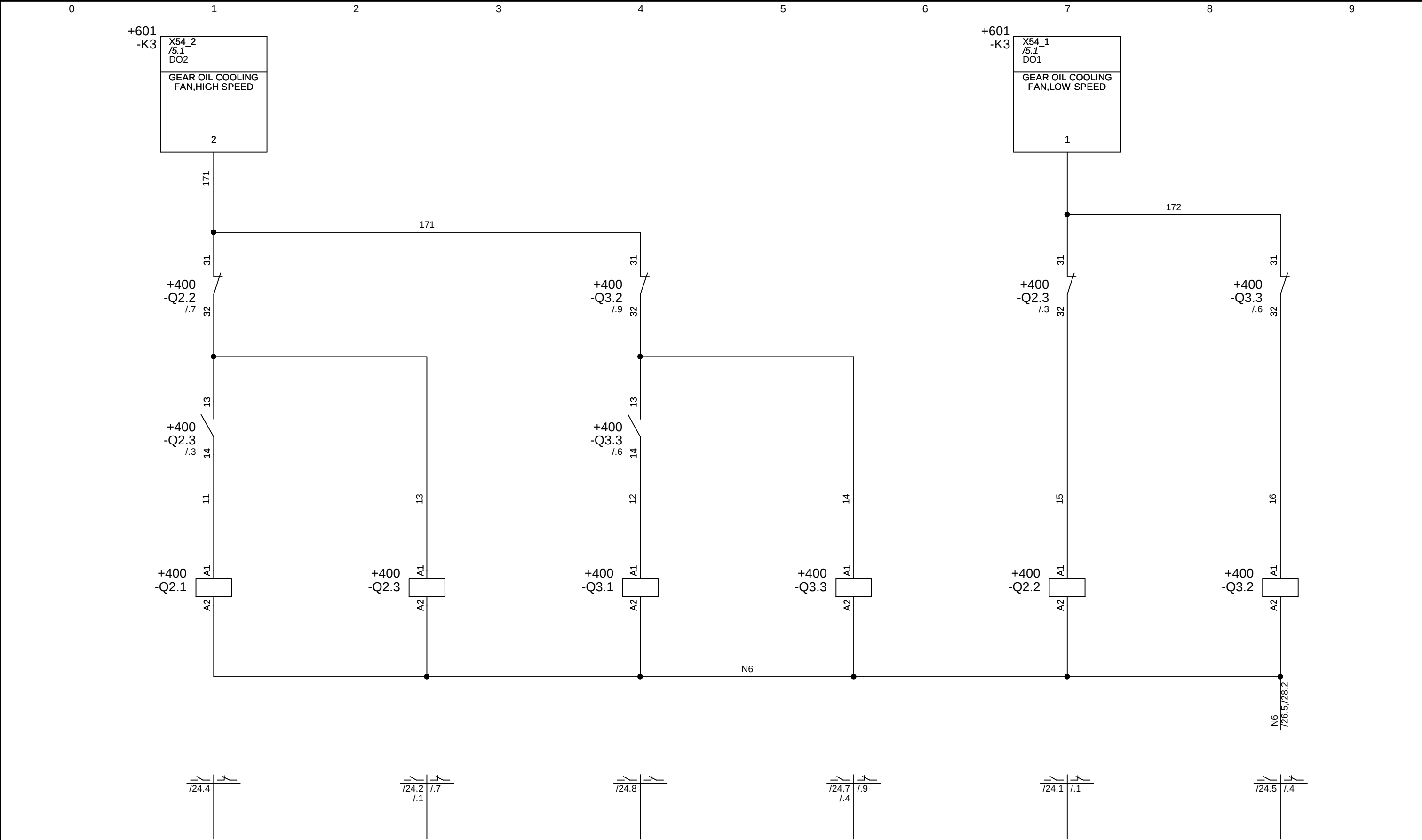
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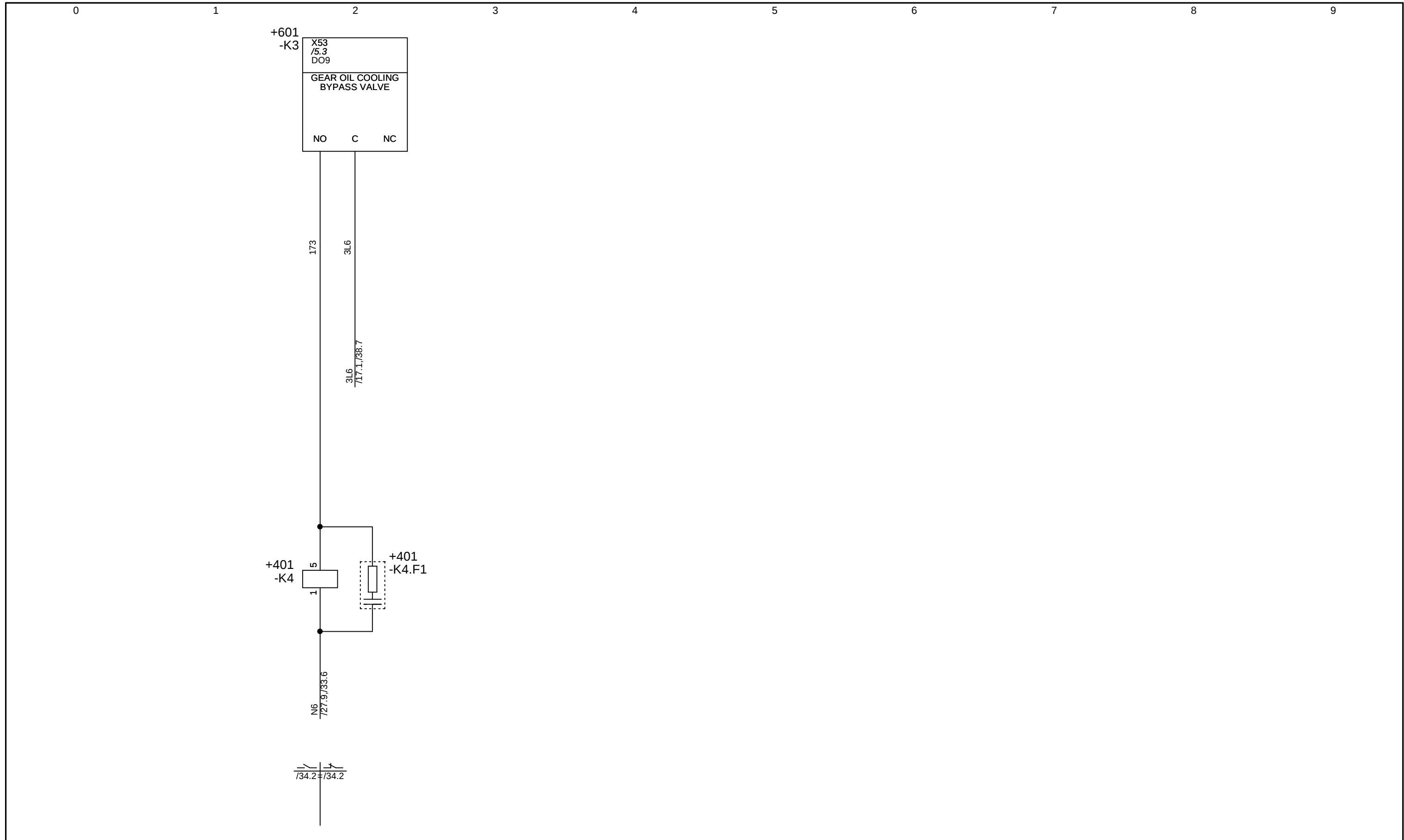
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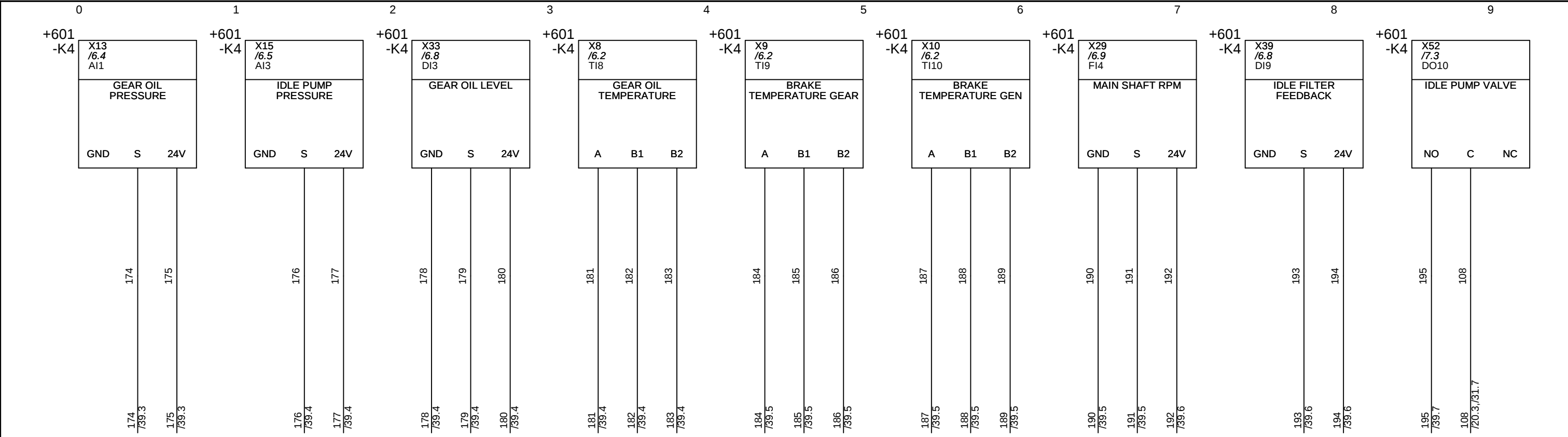


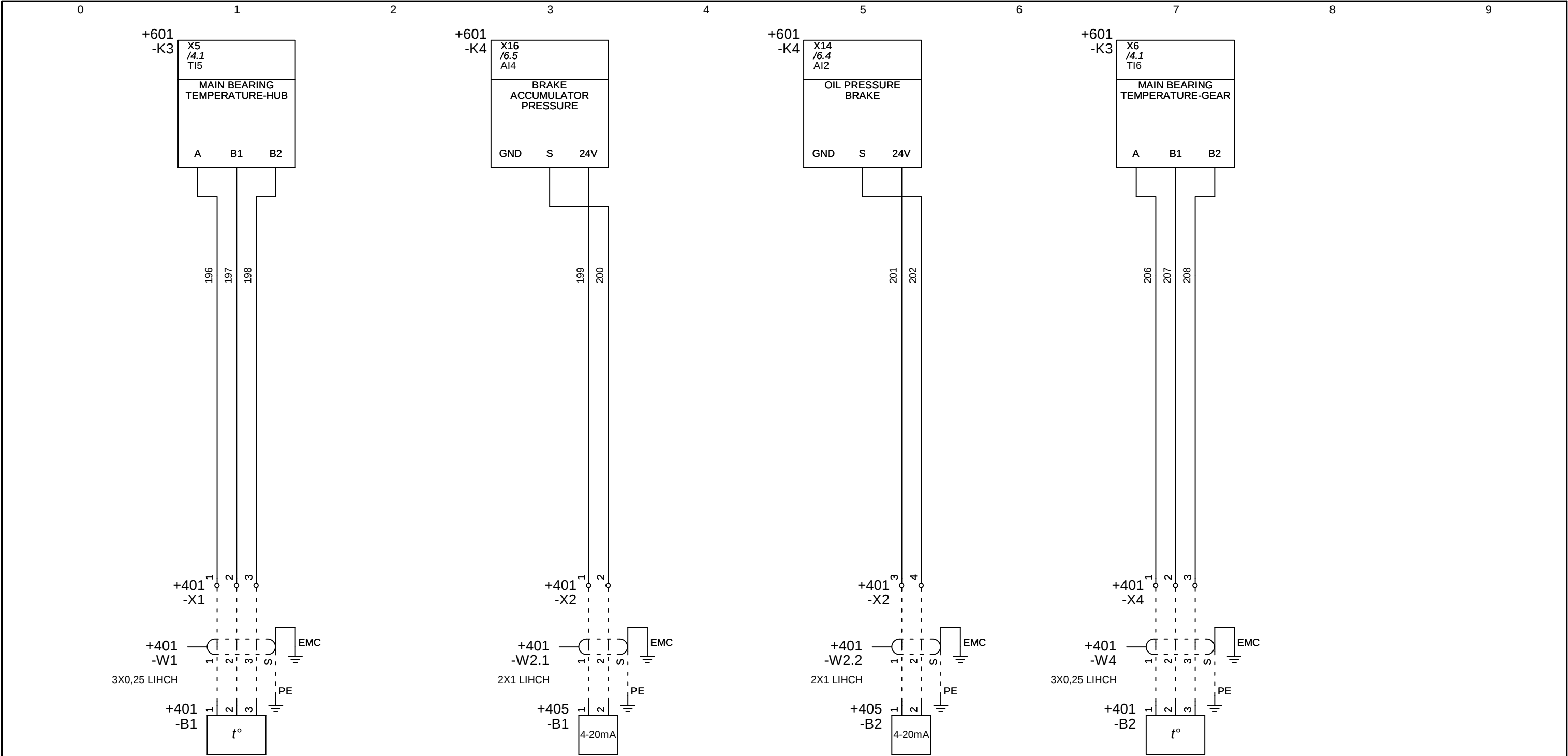


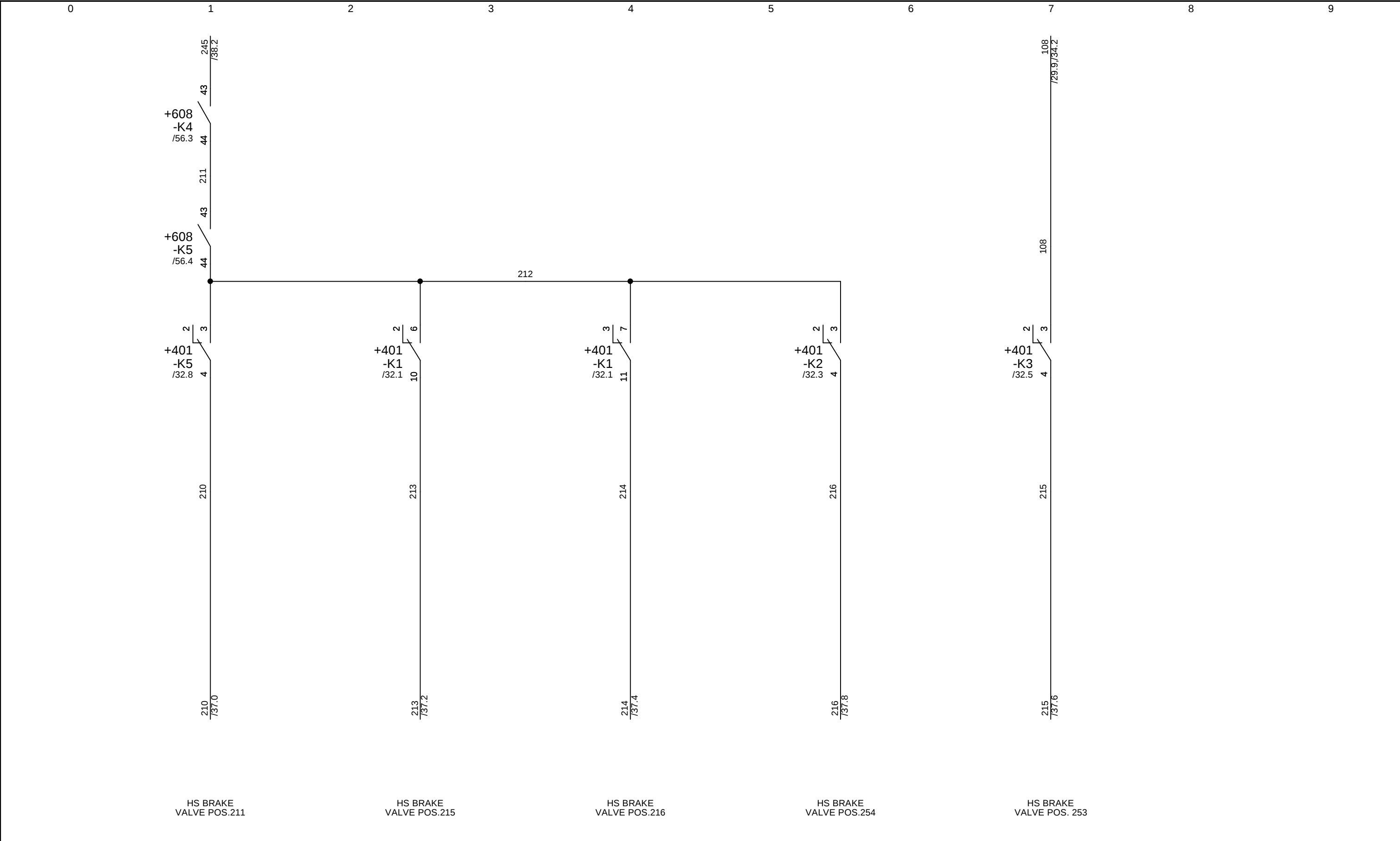


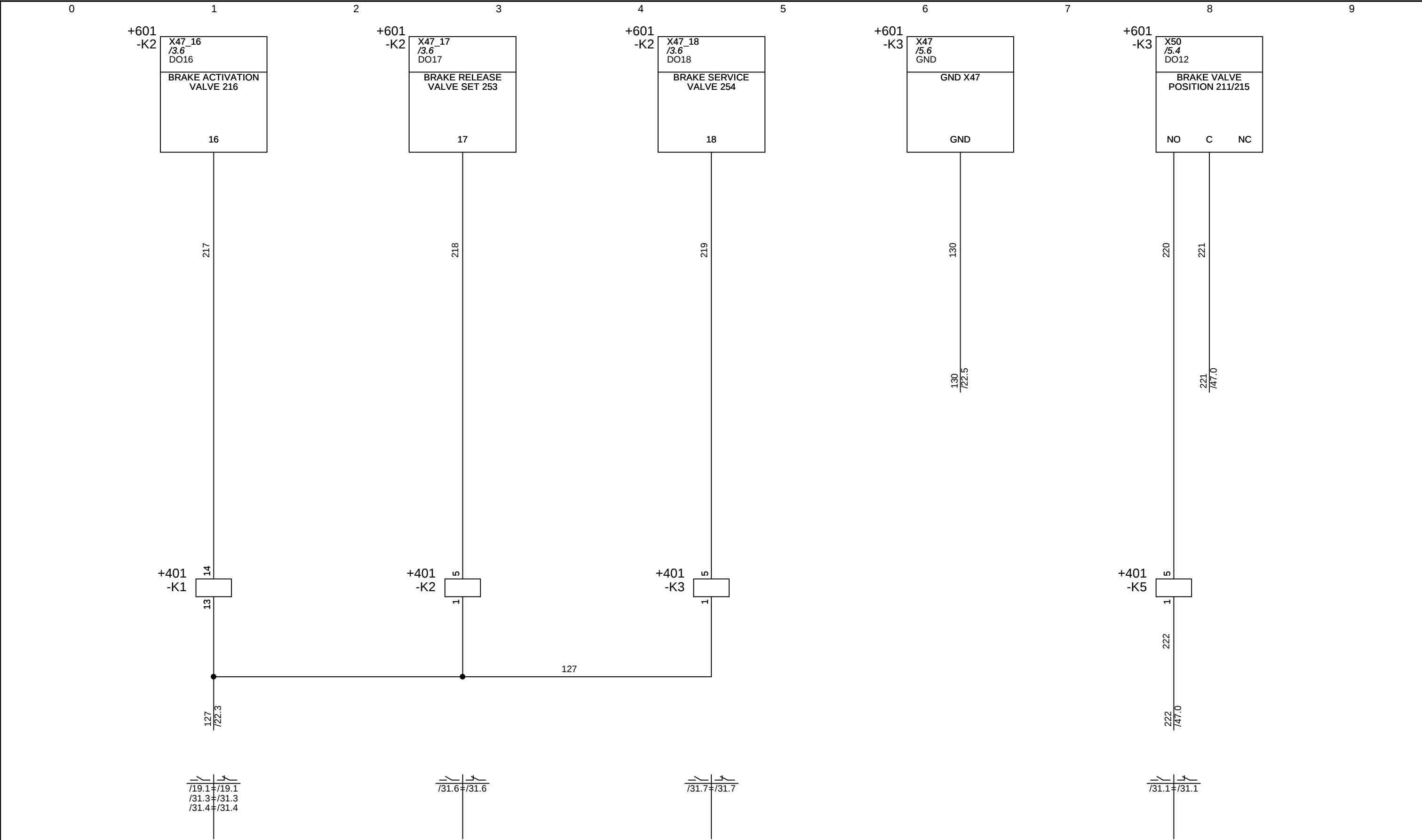


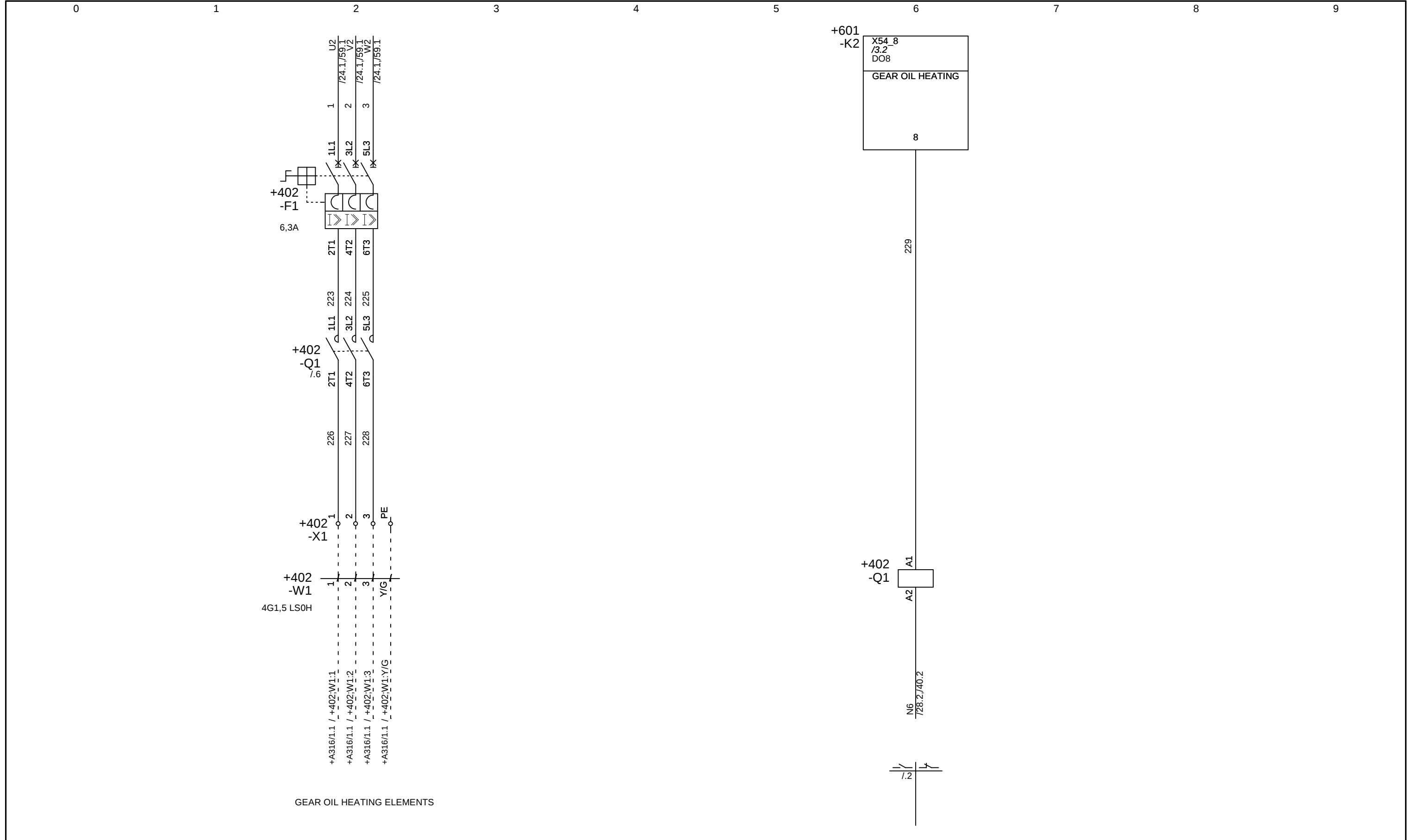
 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002	
		2014-05-28			401:GEAR OIL COOLING BYPASS VALVE	+A3		
		Item-no.	ZCD-no:			28		
		JASOE/mebje	V3040A3002				1040046	
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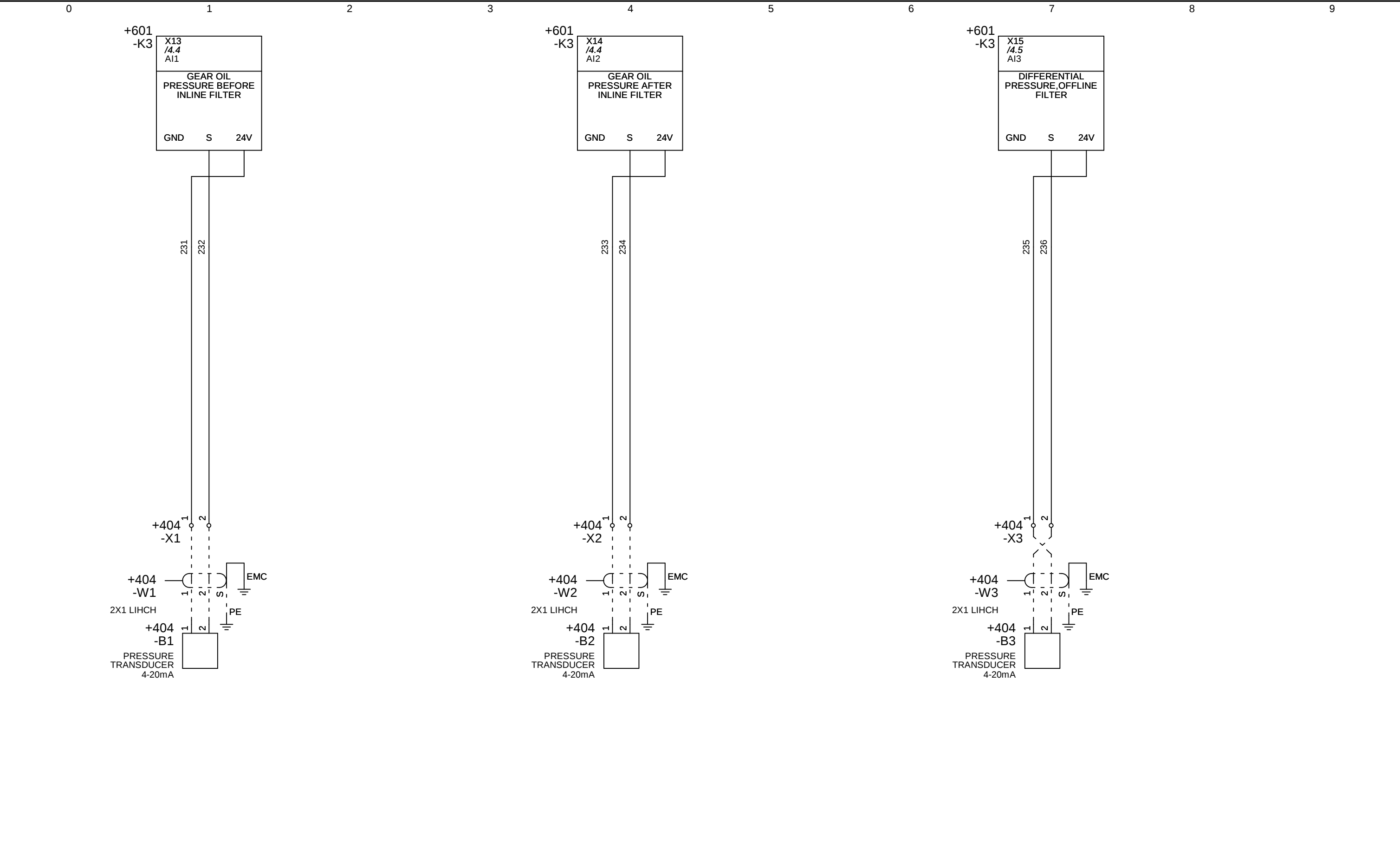


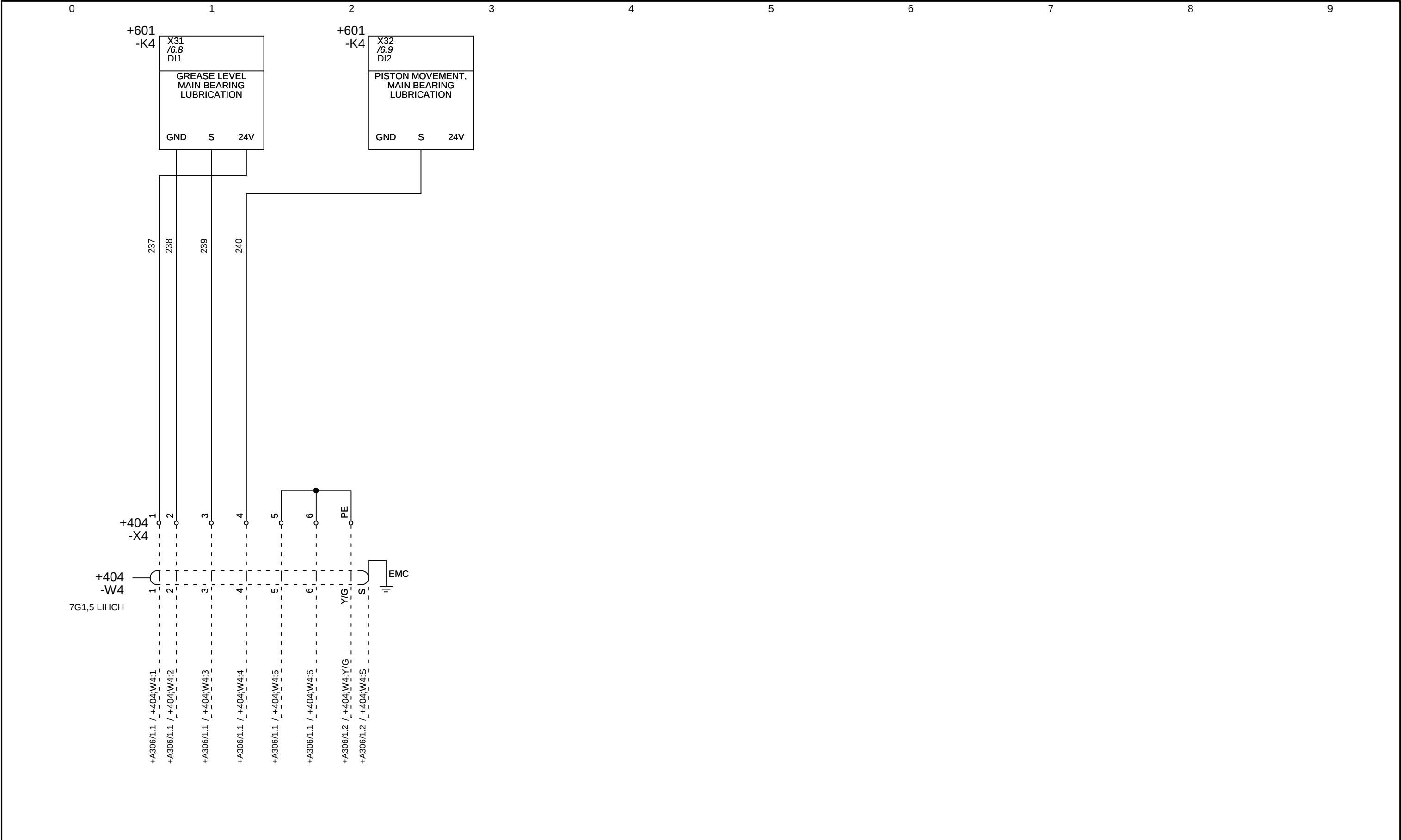


 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002				
		2014-05-28			402:GEAR OIL HEATING ELEMENTS GEAR OIL HEATER		+A3				
		kk-responsible	Item-no.				ZCD-no:	33			
		JASOE/mebje	V3040A3002				1040046				
+A3/32								The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A3/34	

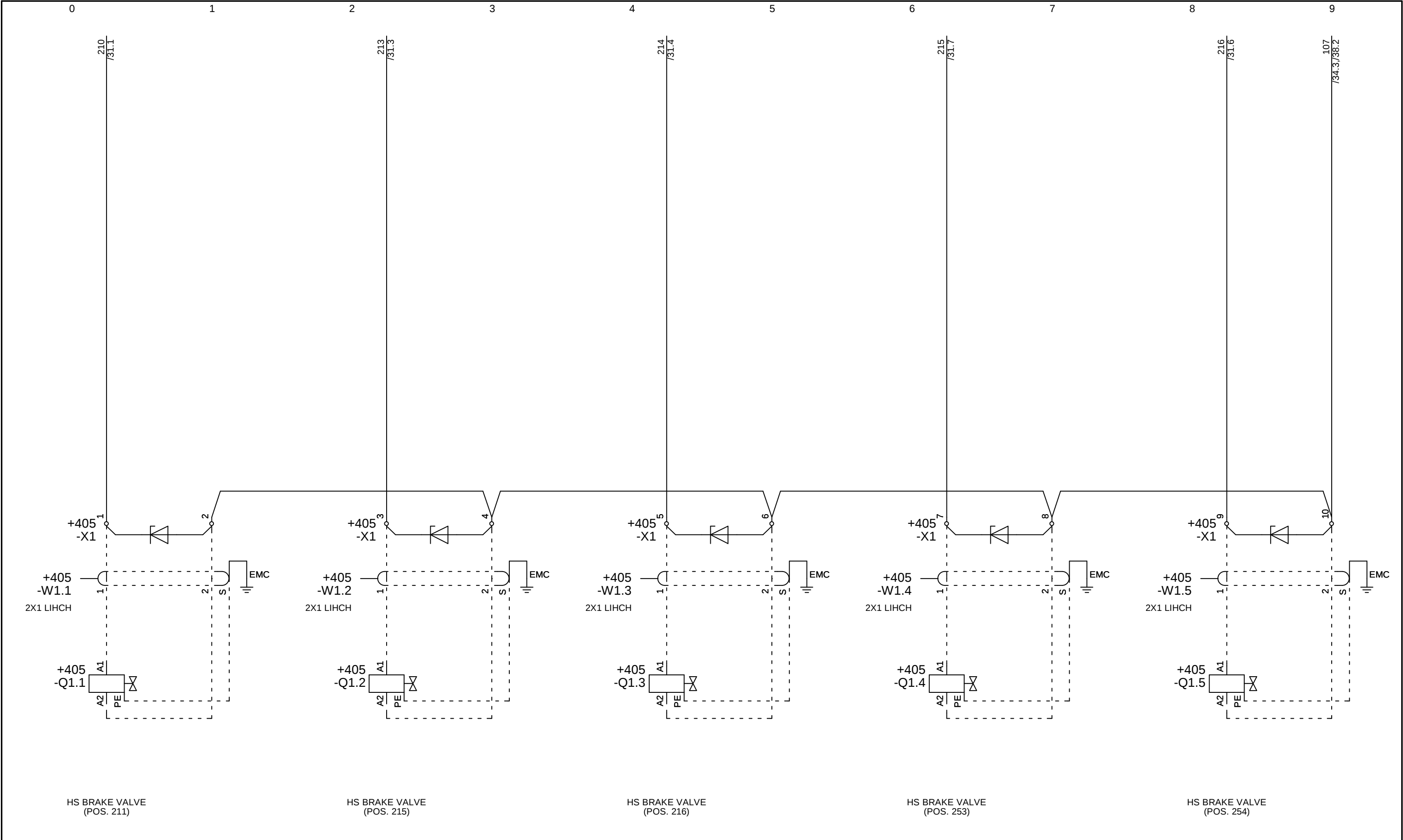


GEAR OIL COOLING BYPASS VALVE

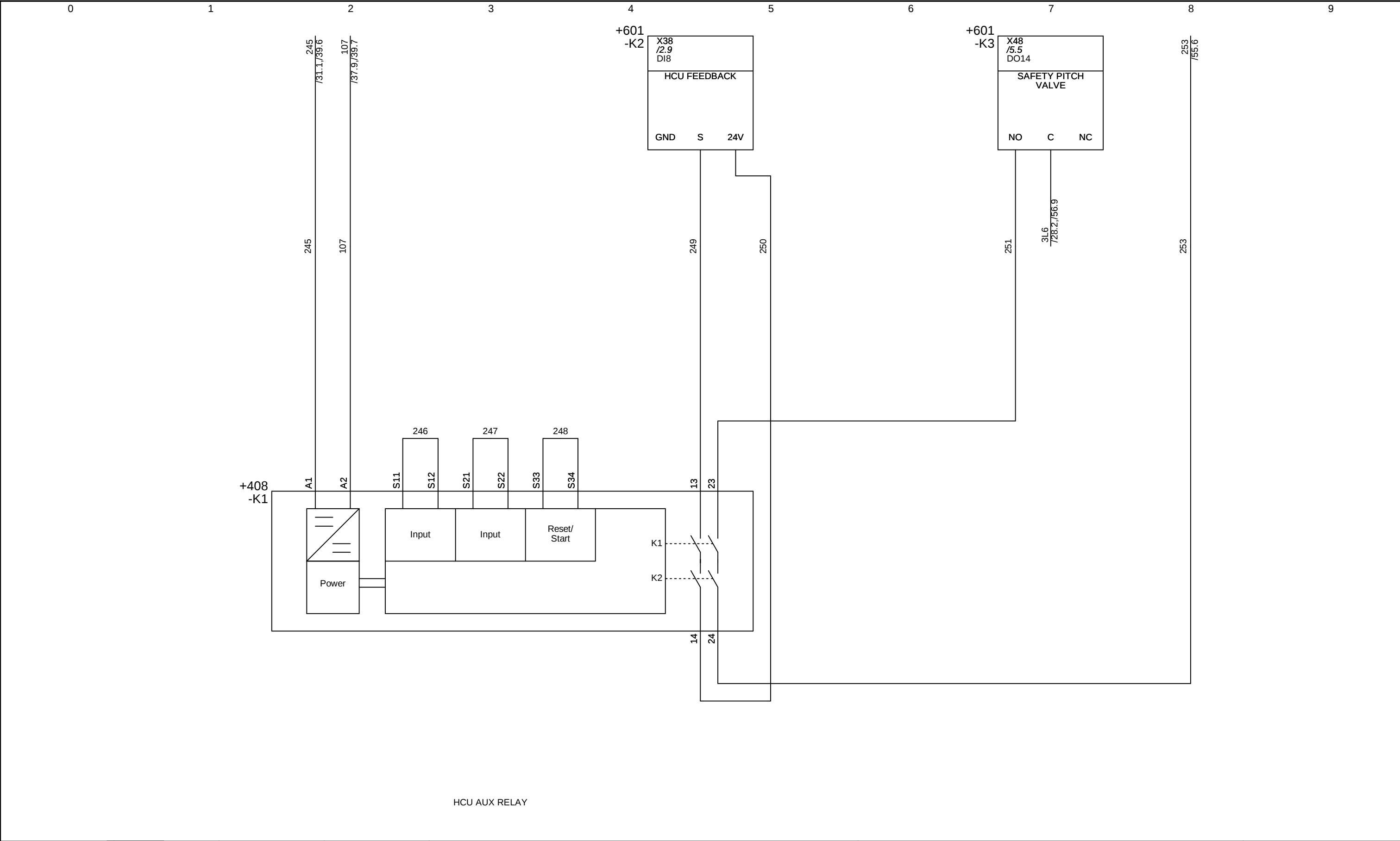




 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			404:MAIN BEARING LUBRICATION	+A3	
		kk-responsible	Item-no.			ZCD-no:	36
		JASOE/mebje	V3040A3002			1040046	
+A3/35		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A3/37	

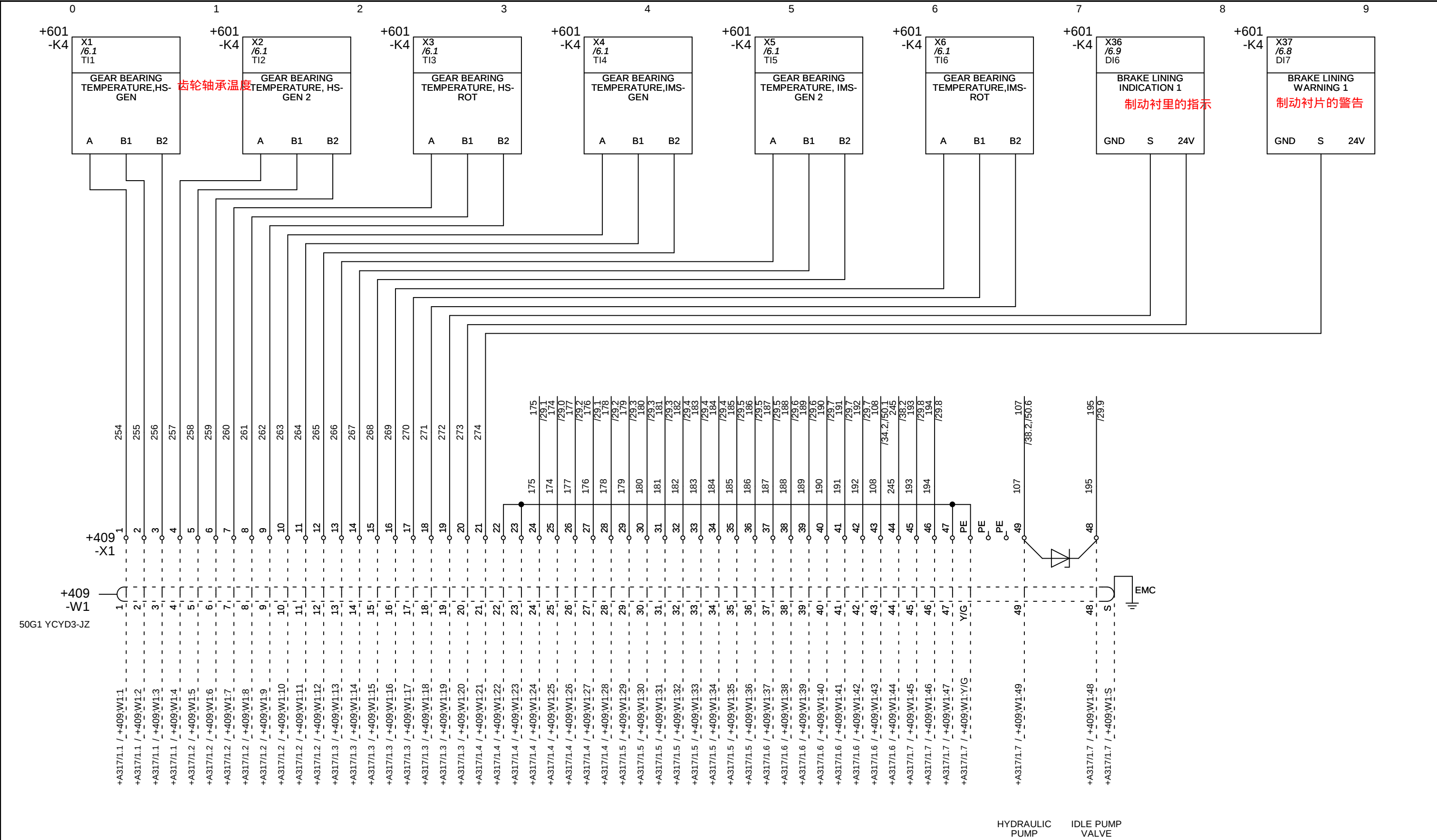


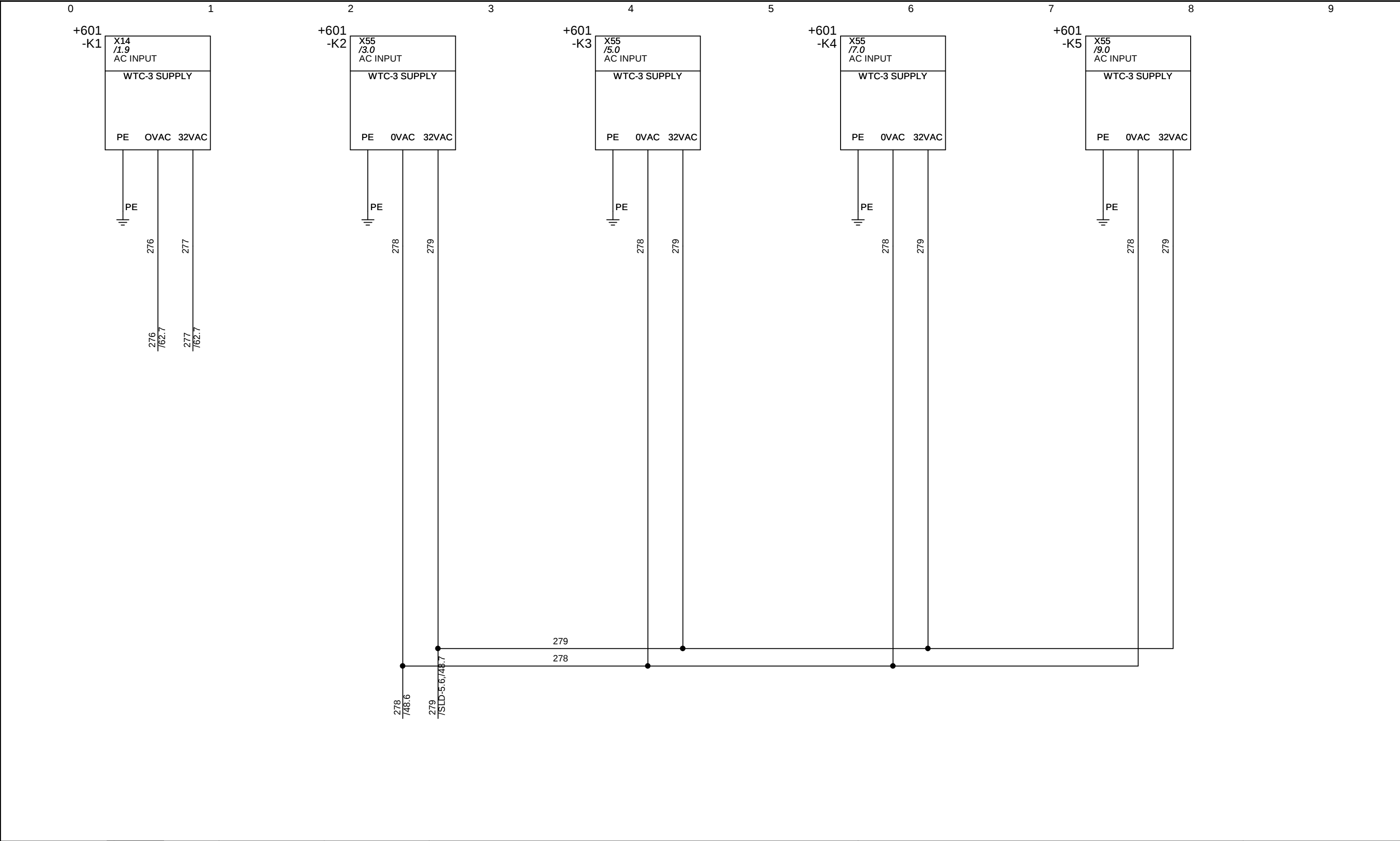
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		2014-05-28			405:HS-BRAKE, VALVE		+A3
		Item-no.	ZCD-no:				37
		JASOE/mebje	1040046				+A3/38

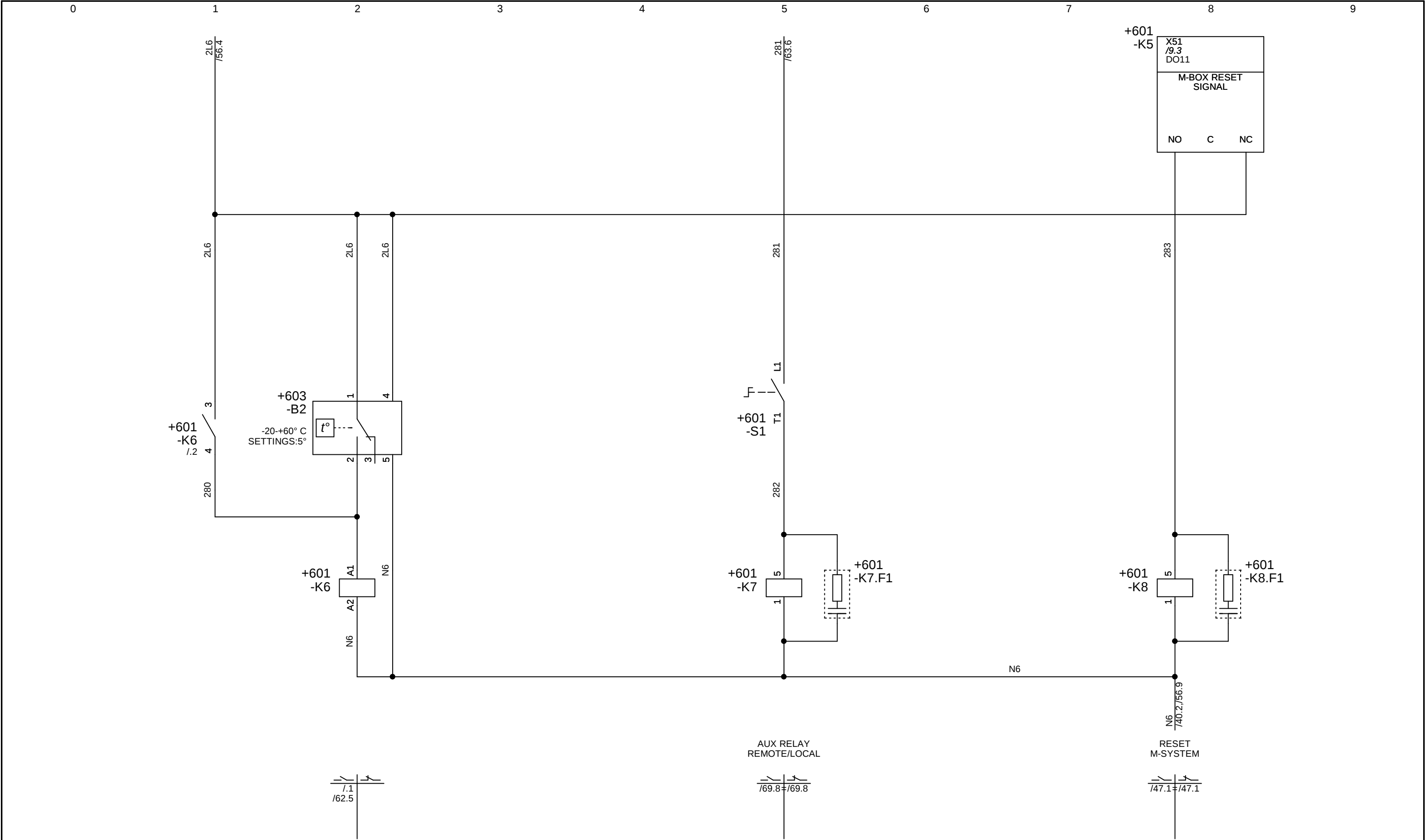


HCU AUX RELAY

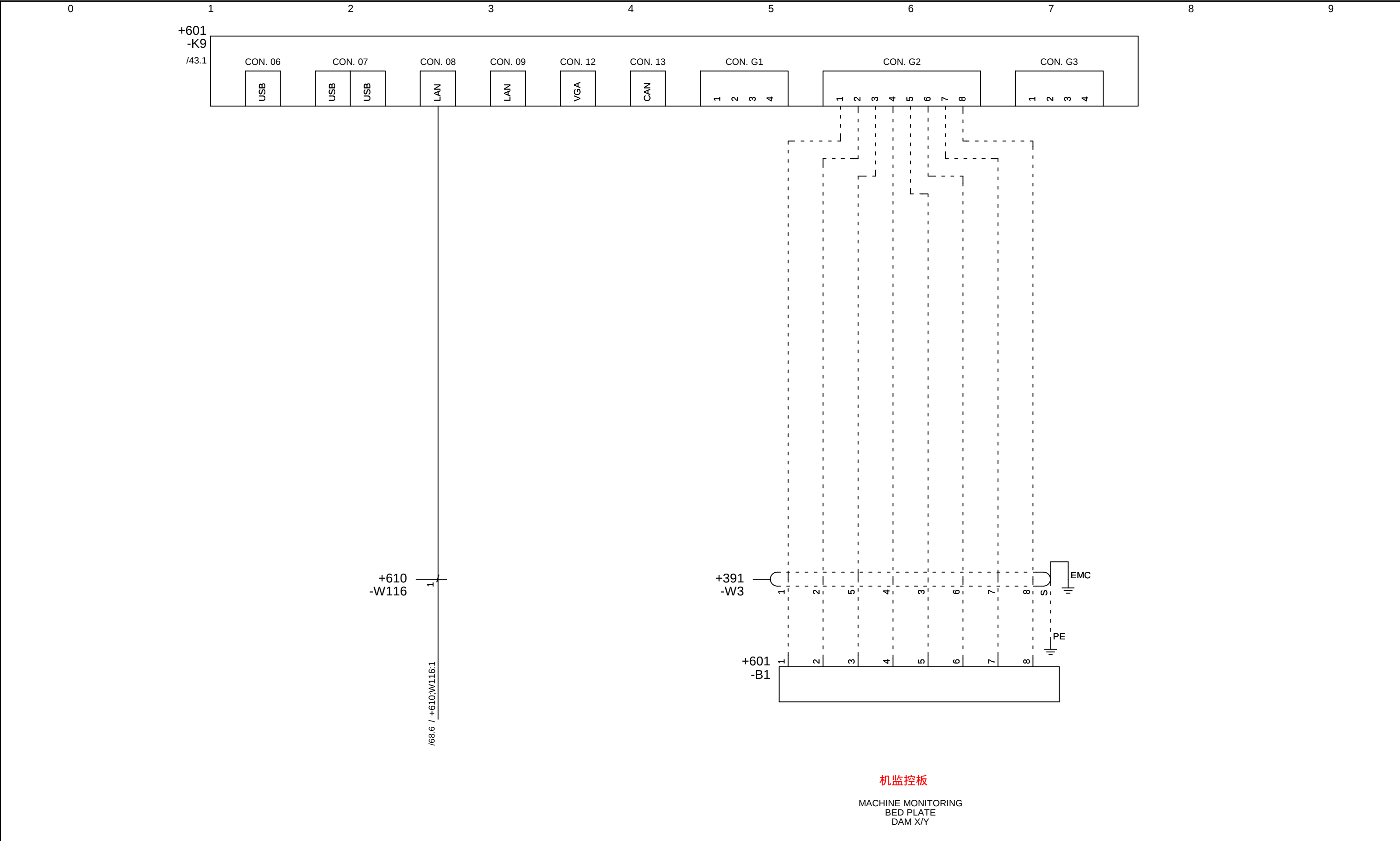
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		2014-05-28			408:HCU AUX RELAY	+A3				
		kk-responsible	Item-no.			ZCD-no:	38			
		JASOE/mebje	V3040A3002			1040046				
+A3/37							The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A3/39	

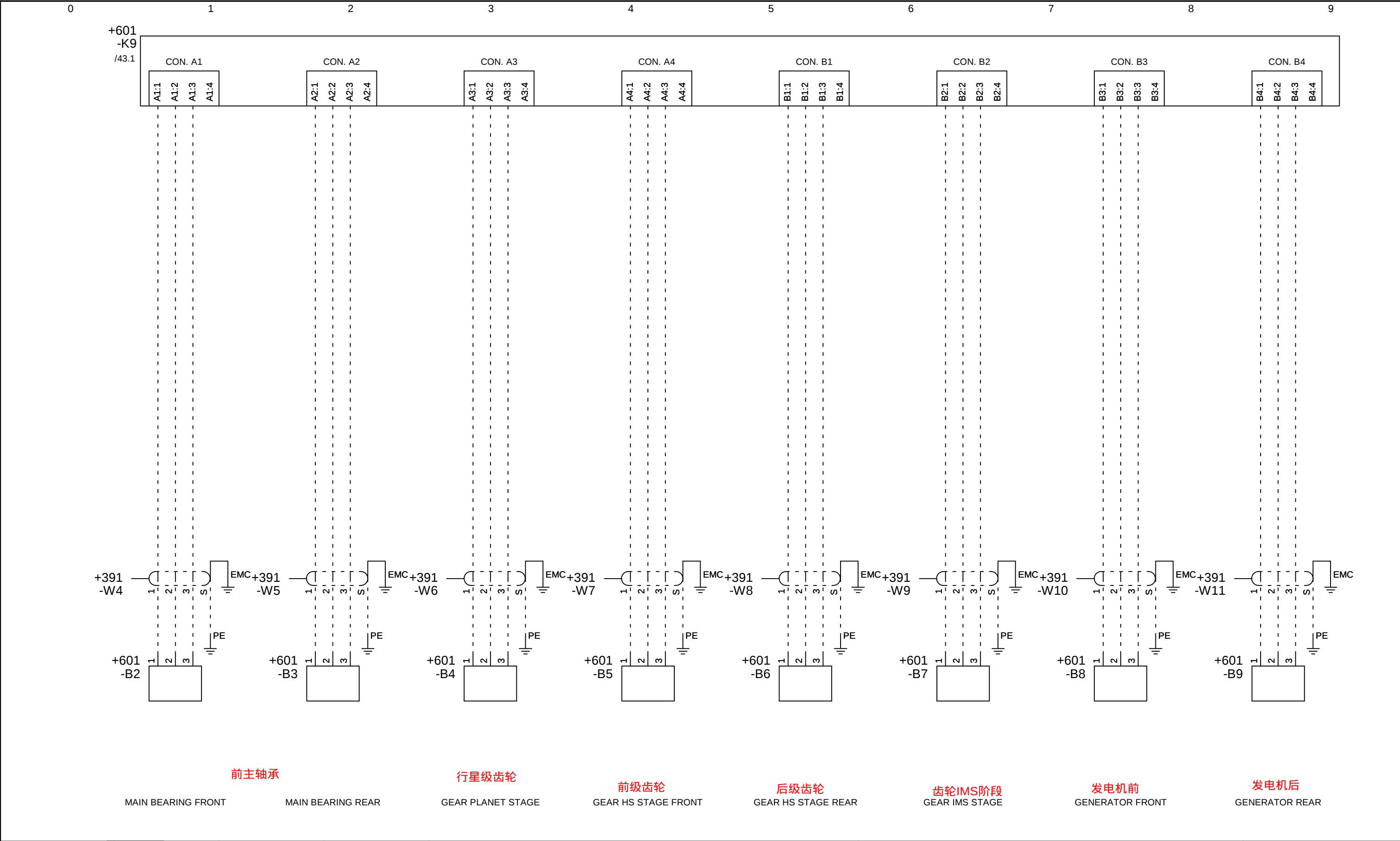


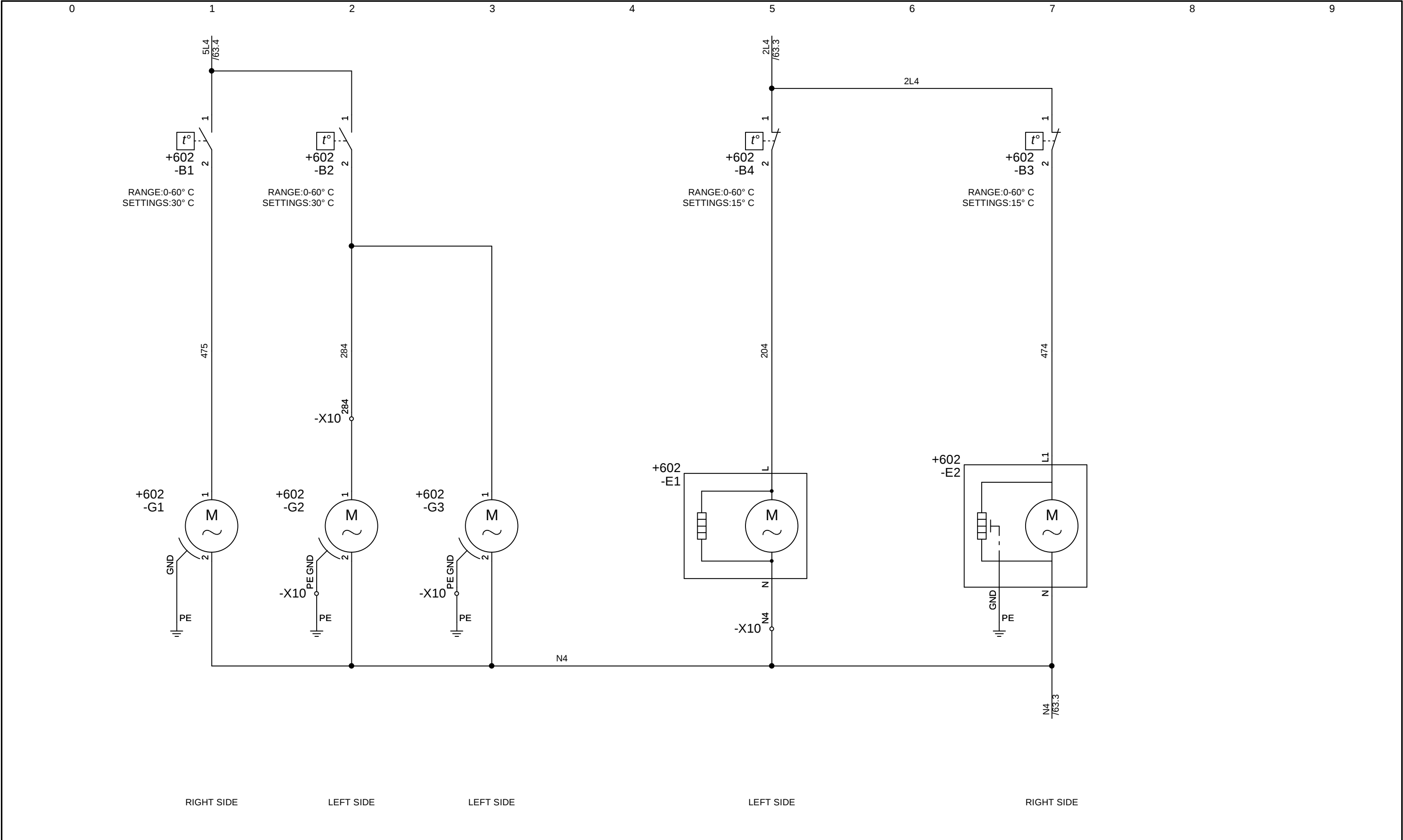


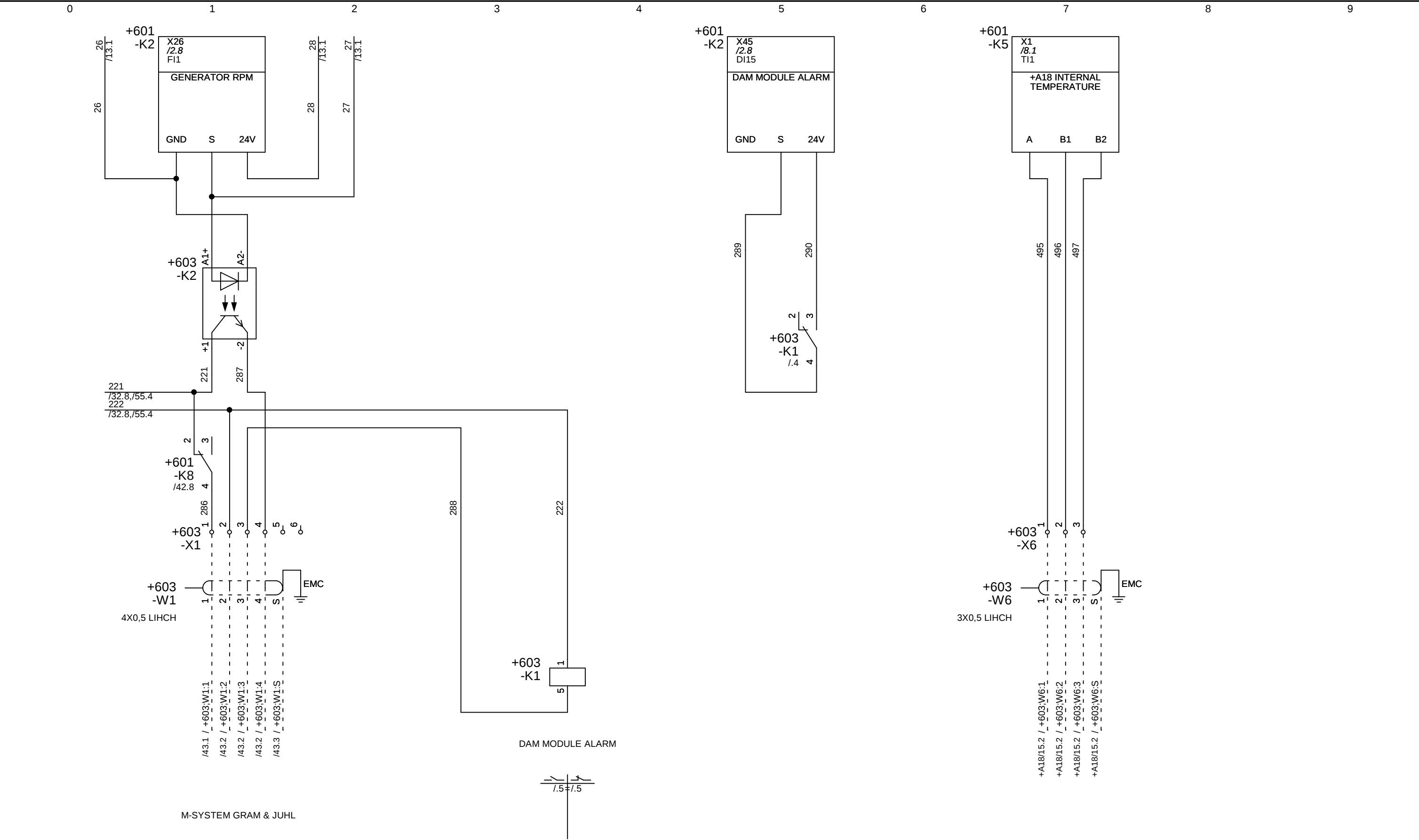


 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002			
		2014-05-28			601:230V CONTROL SUPPLY RESET M-SYSTEM		+A3			
		kk-responsible	Item-no.				ZCD-no:			
		JASOE/mebje	V3040A3002				1040046	42		
+A3/41								The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A3/43

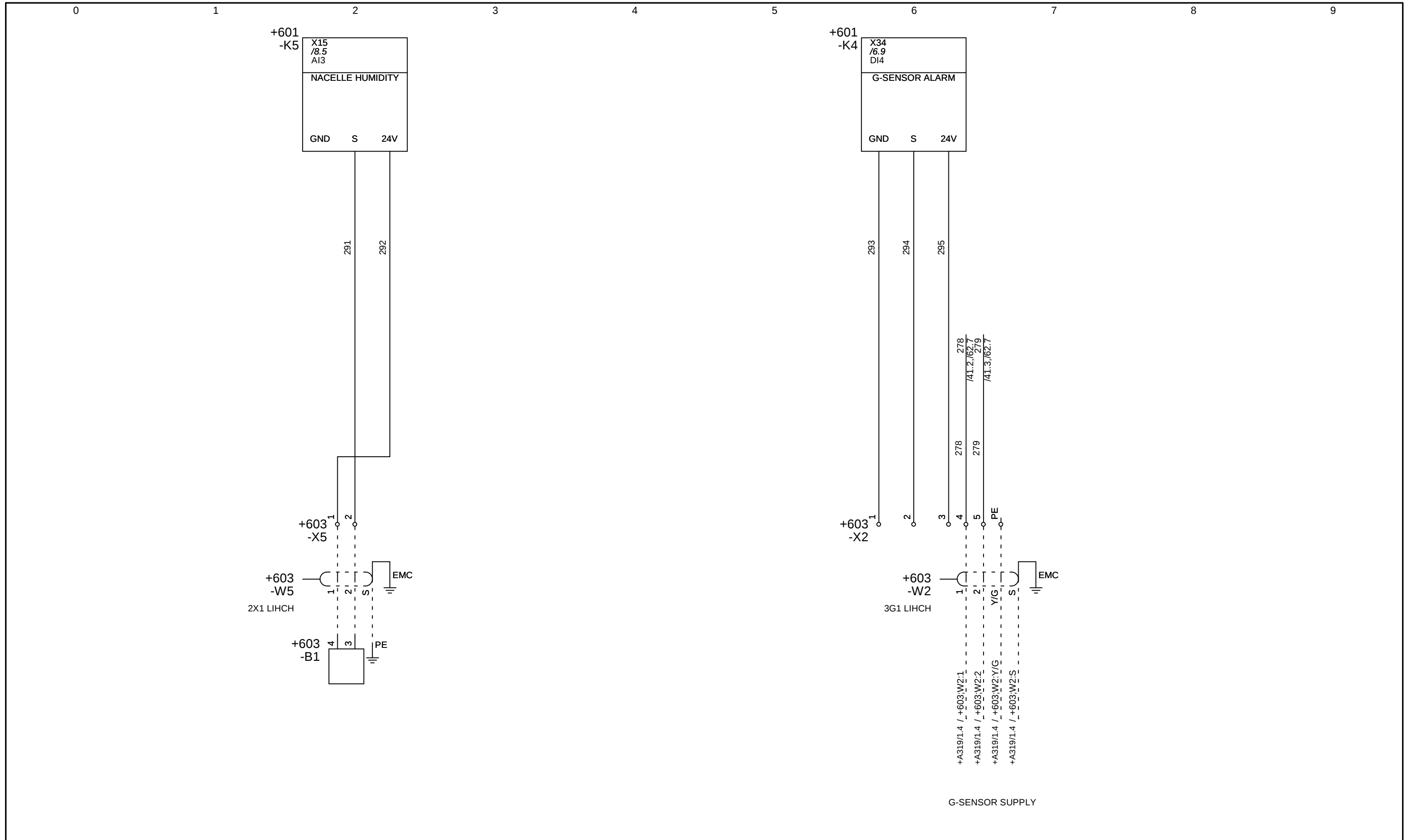




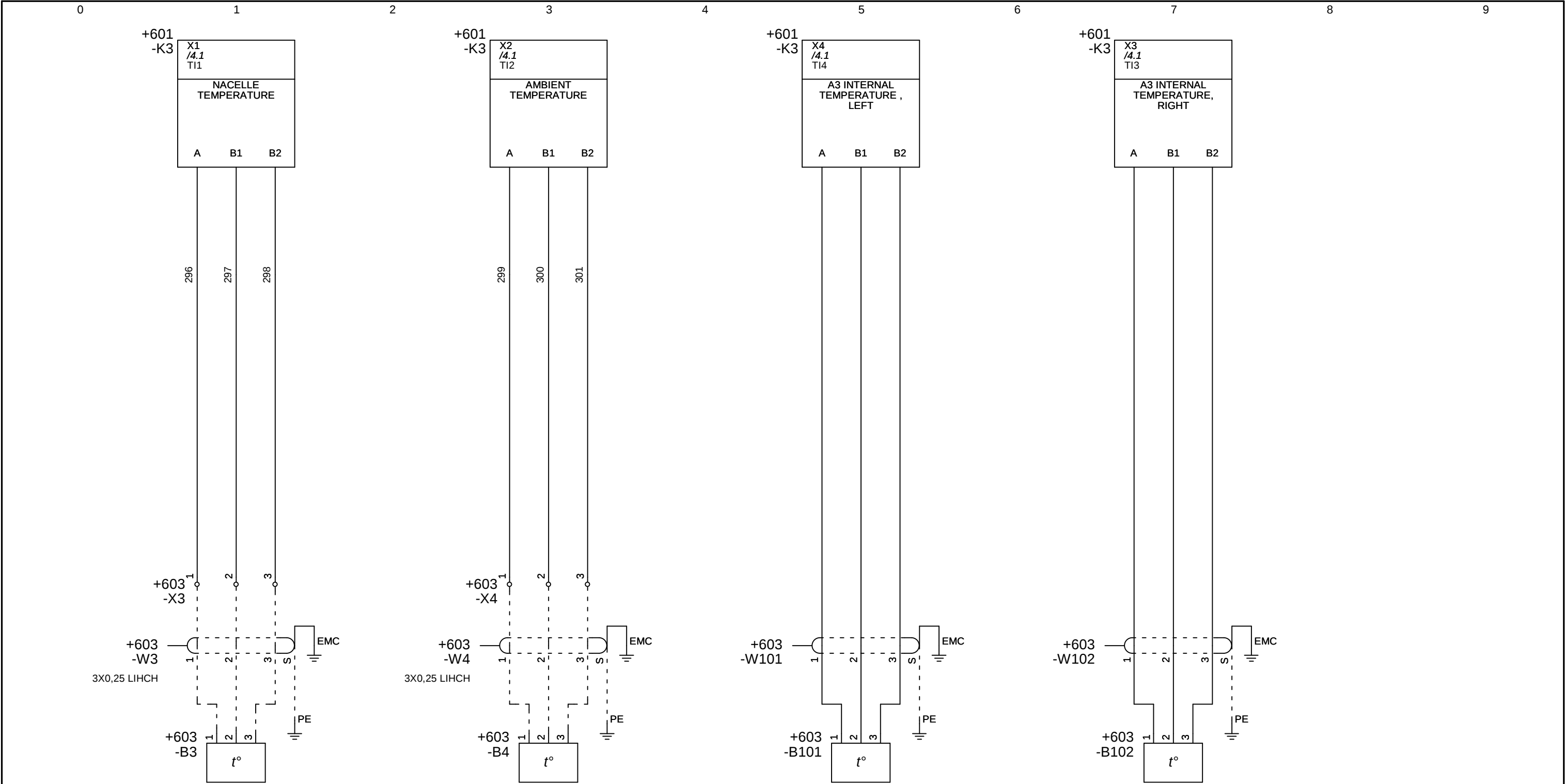


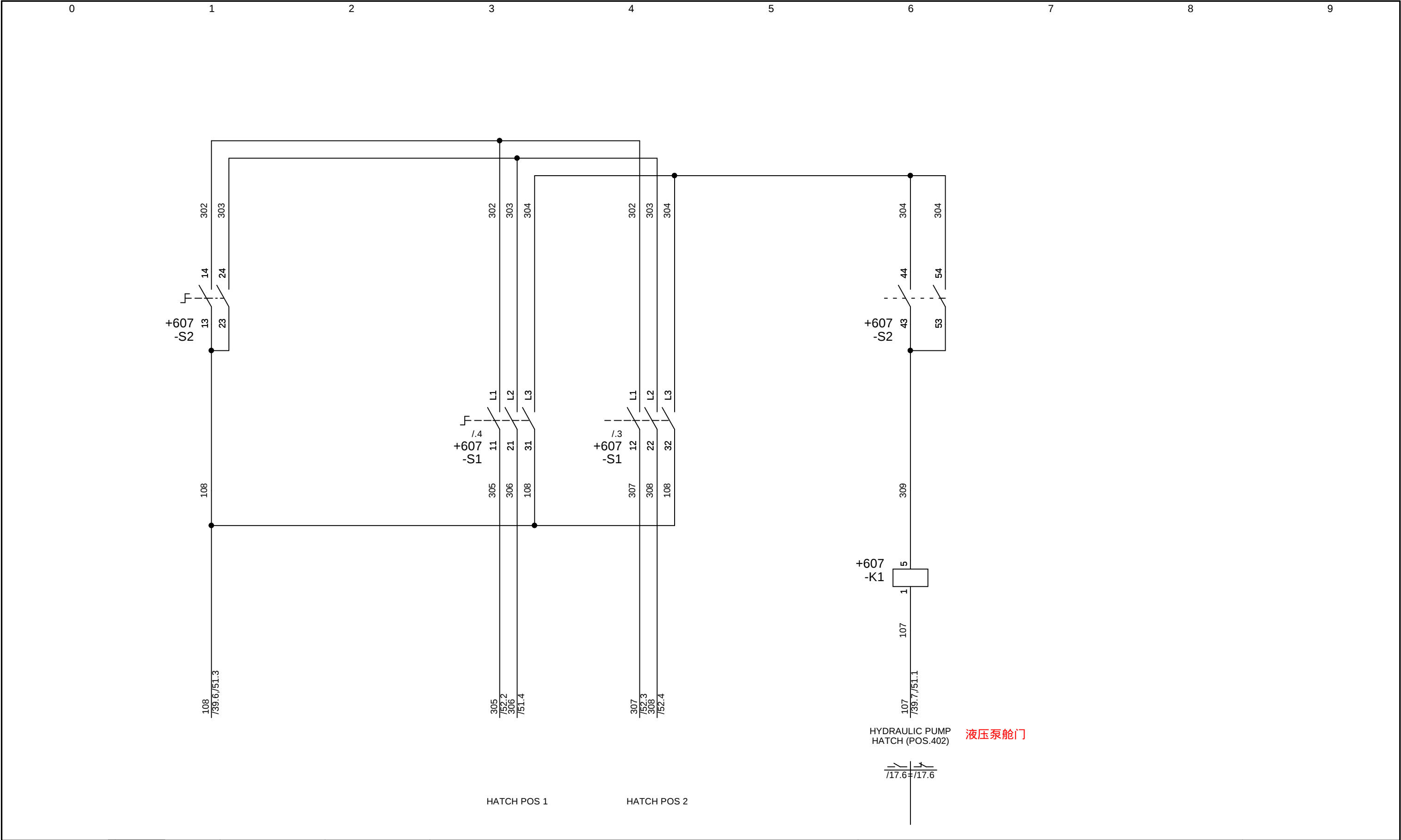


 kk-electronic a/s +A3/46	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			603:GENERATOR RPM-SENSOR DAM MODULE ALARM INTERNAL TEMPERATURE	+A3	
		kk-responsible	Item-no.			ZCD-no:	47
		JASOE/mebje	V3040A3002			1040046	
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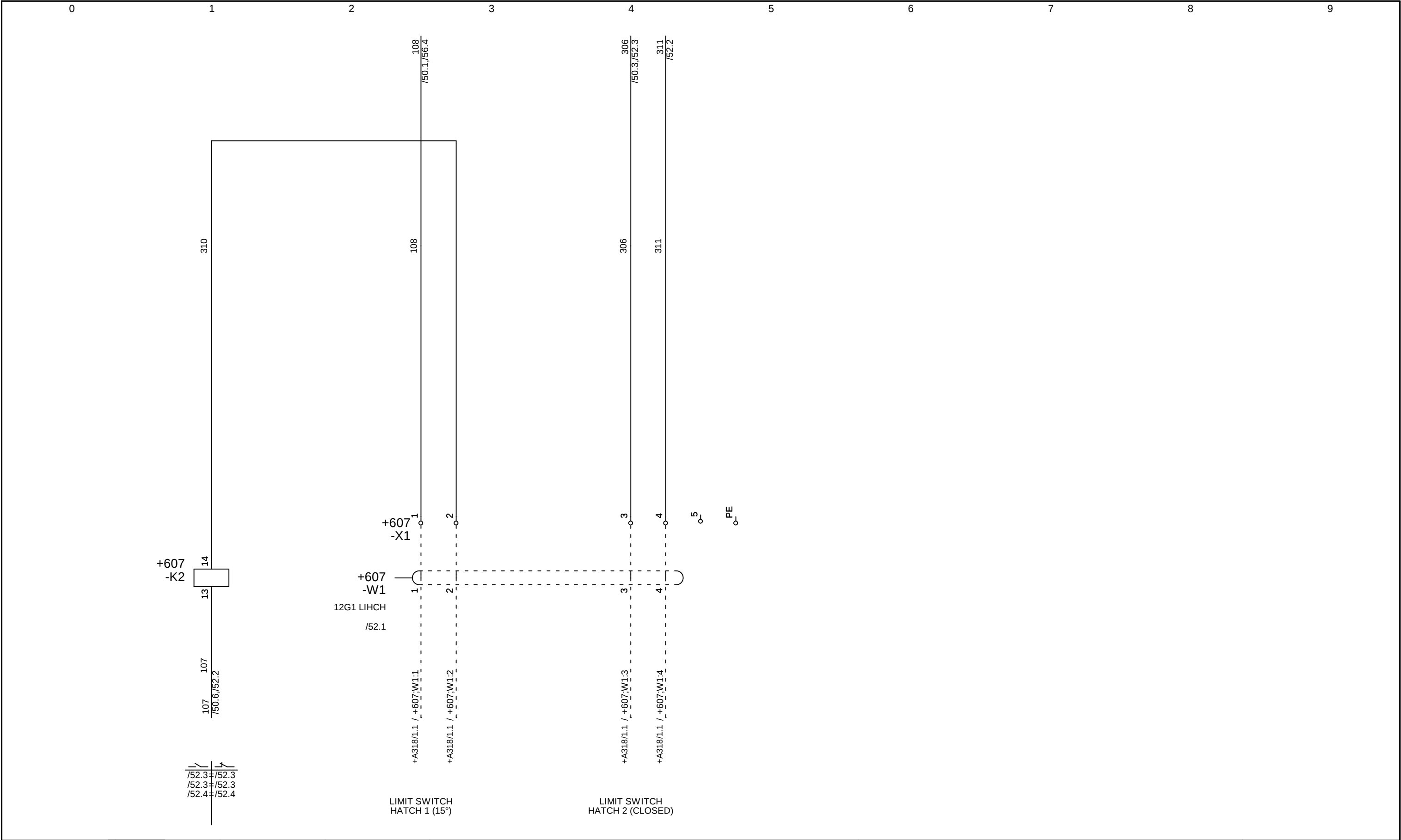


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			2014-05-28			603:NACELLE HUMIDITY DEHUMIDIFIER NACELLE G-SENSOR ALARM		+A3
	kk-responsible		Item-no.	ZCD-no:				48
	JASOE/mebje		V3040A3002	1040046				

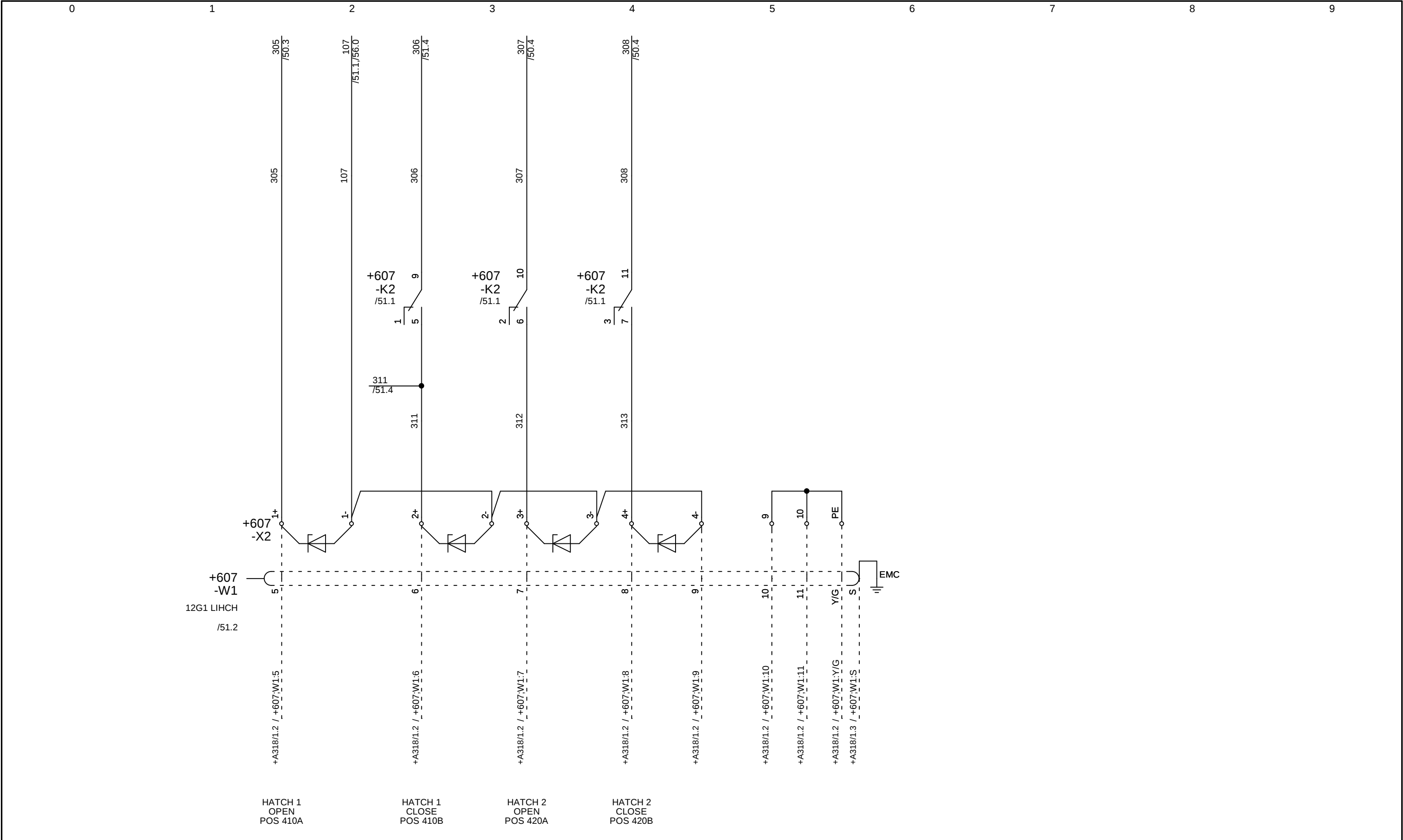




 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002			
		2014-05-28			607: BRAKE VALVE CONTROL HYDRAULIC PUMP HATCH		+A3			
	kk-responsible	Item-no.	ZCD-no:				50			
	JASOE/mebje	V3040A3002	1040046							
+A3/49								The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A3/51



 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			607:HATCH VALVES	+A3	
		kk-responsible	Item-no.			ZCD-no:	51
		JASOE/mebje	V3040A3002			1040046	
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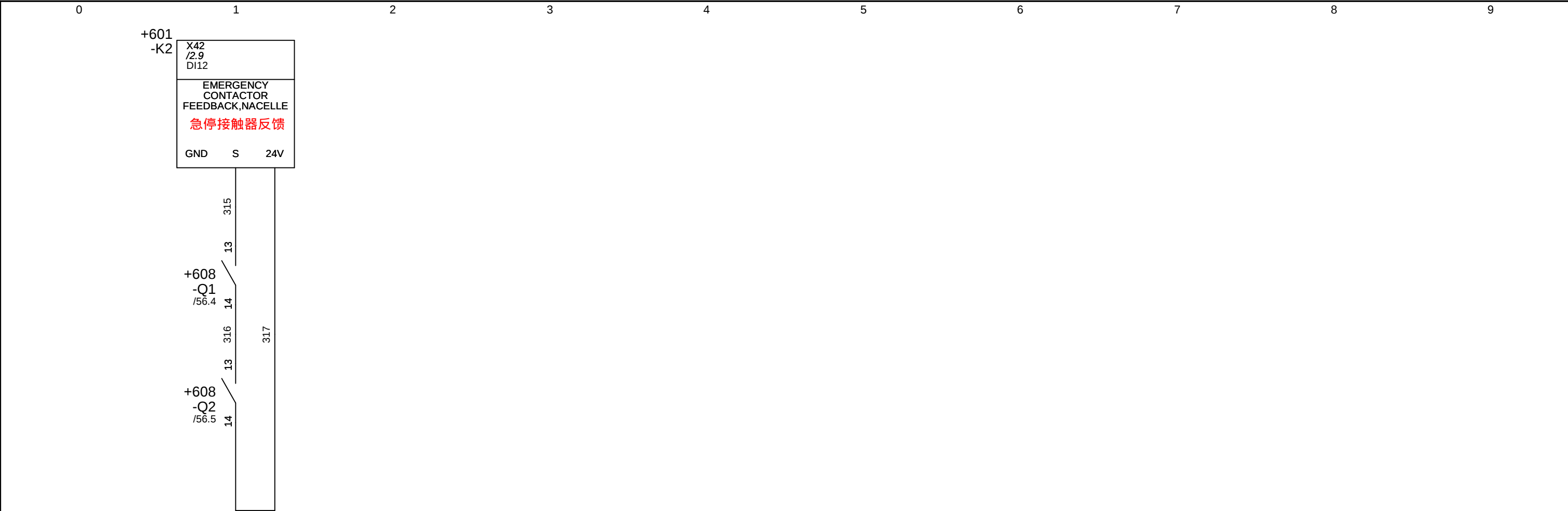
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		2014-05-28			607: BRAKE VALVE CONTROL HATCH VALVES	+A3
		Item-no.	ZCD-no:			52
		JASOE/mebje	1040046			

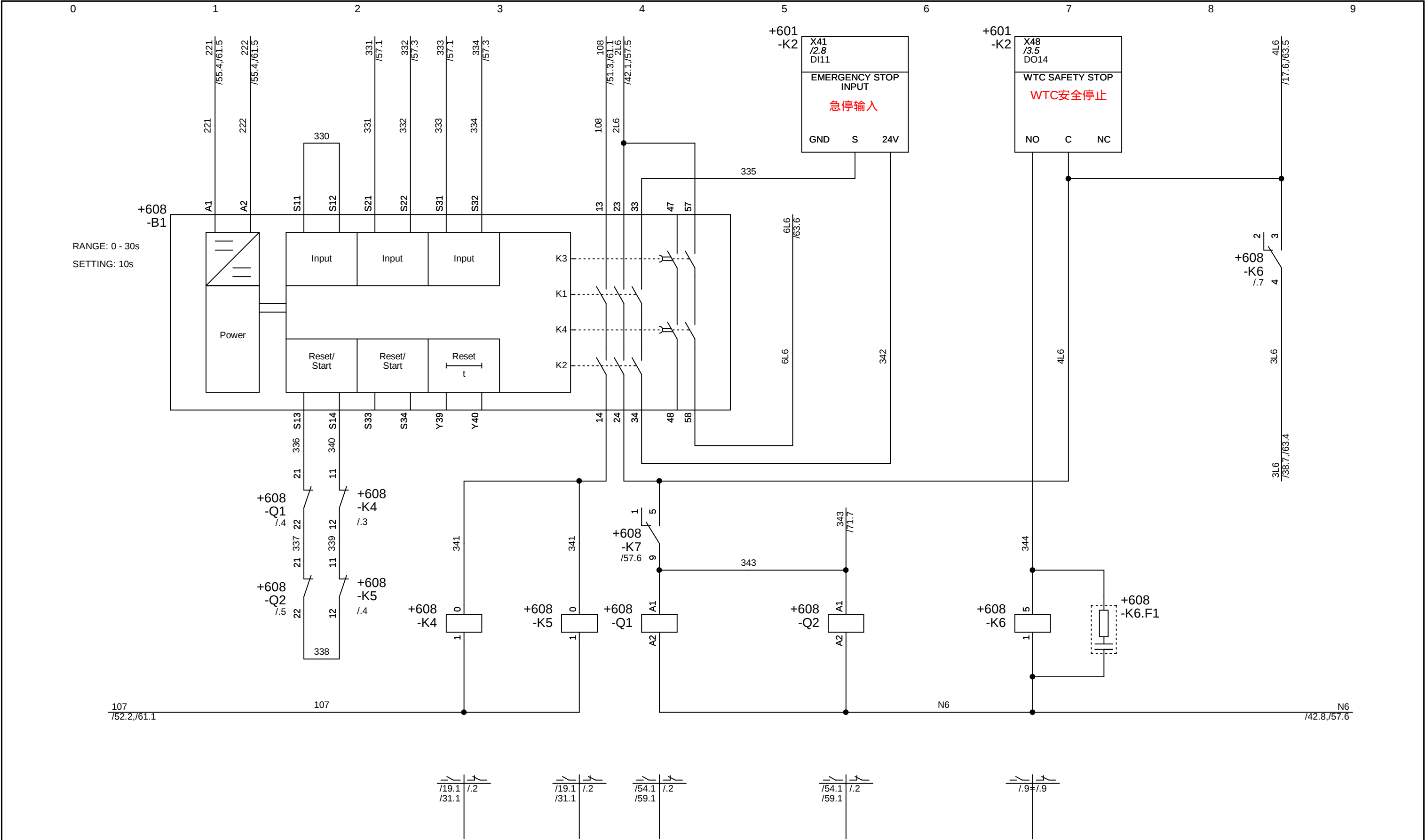
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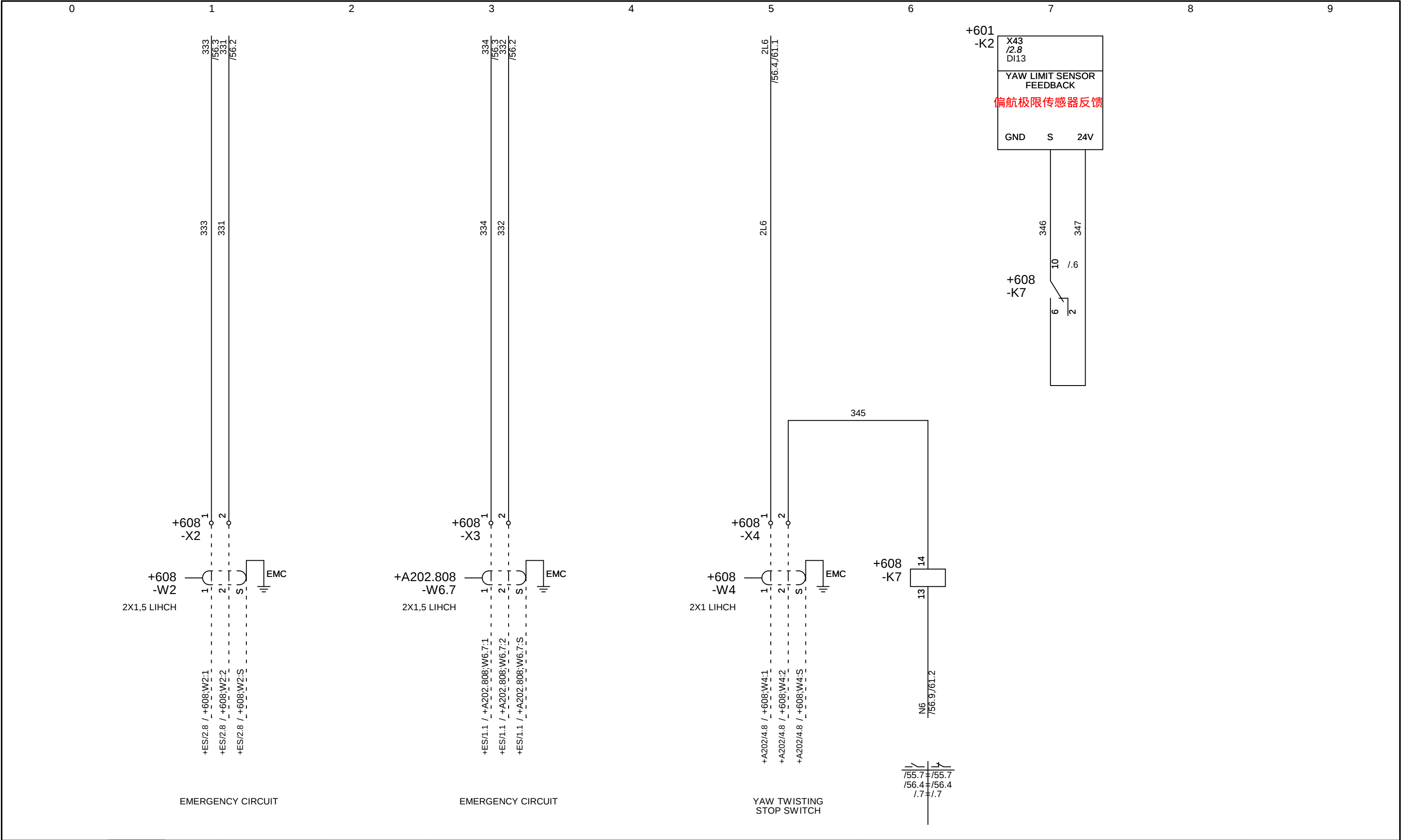
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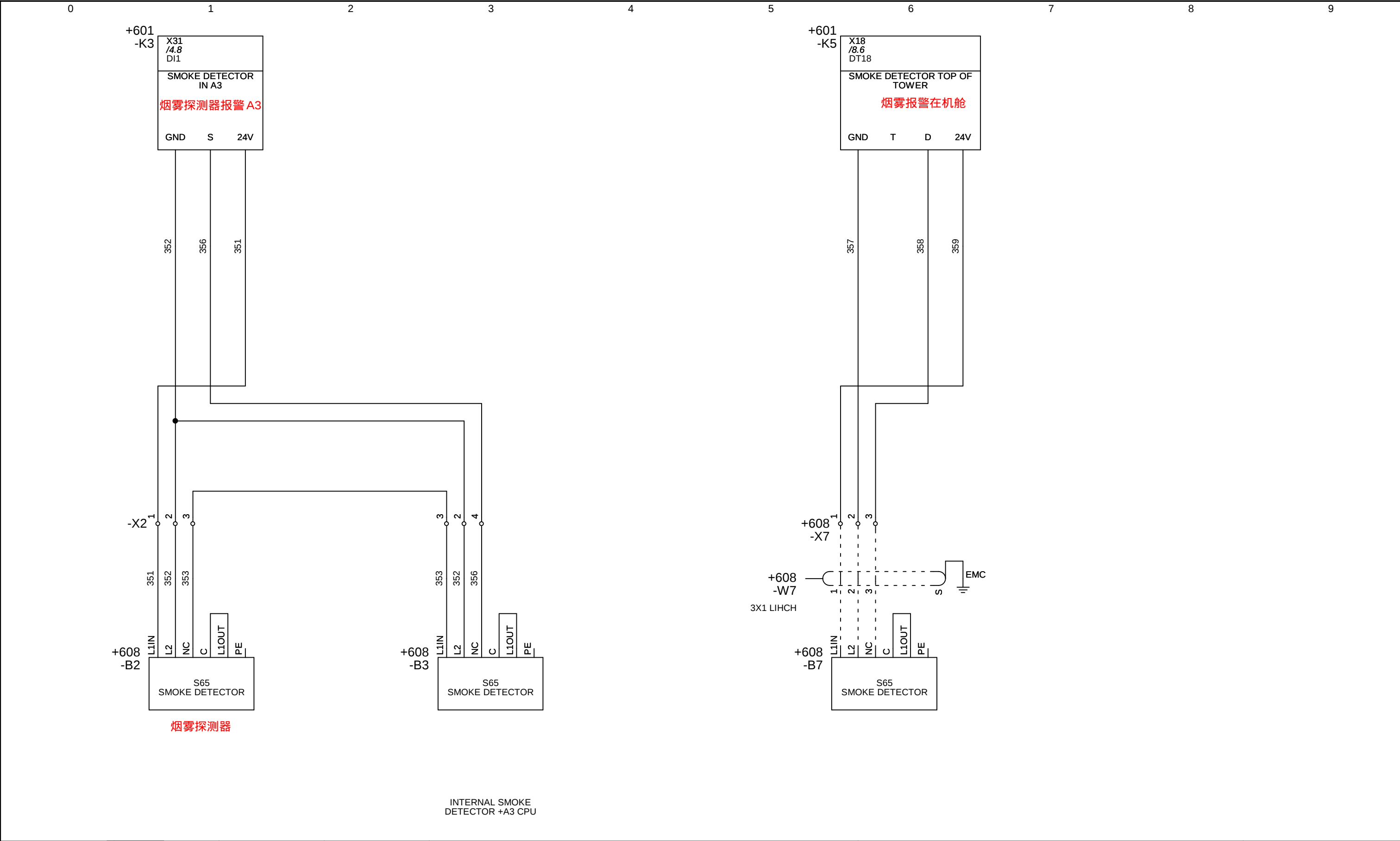


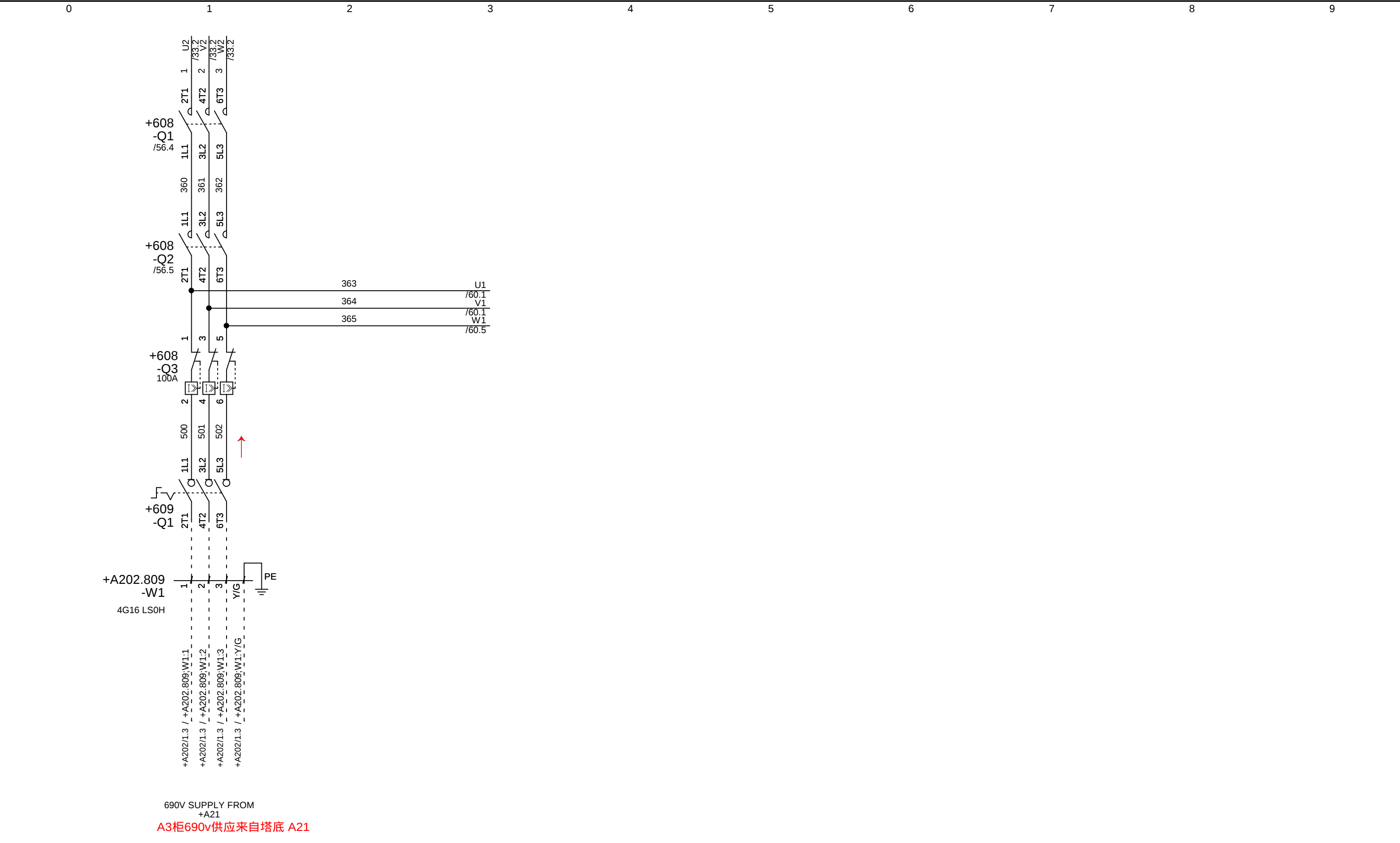
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		2014-05-28			607:SUPPLY REMOTE CONTROL FOR CRANE	+A3
	kk-responsible	Item-no.	ZCD-no:			53
	JASOE/mebje	V3040A3002	1040046			
+A3/52The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.+A3/54						







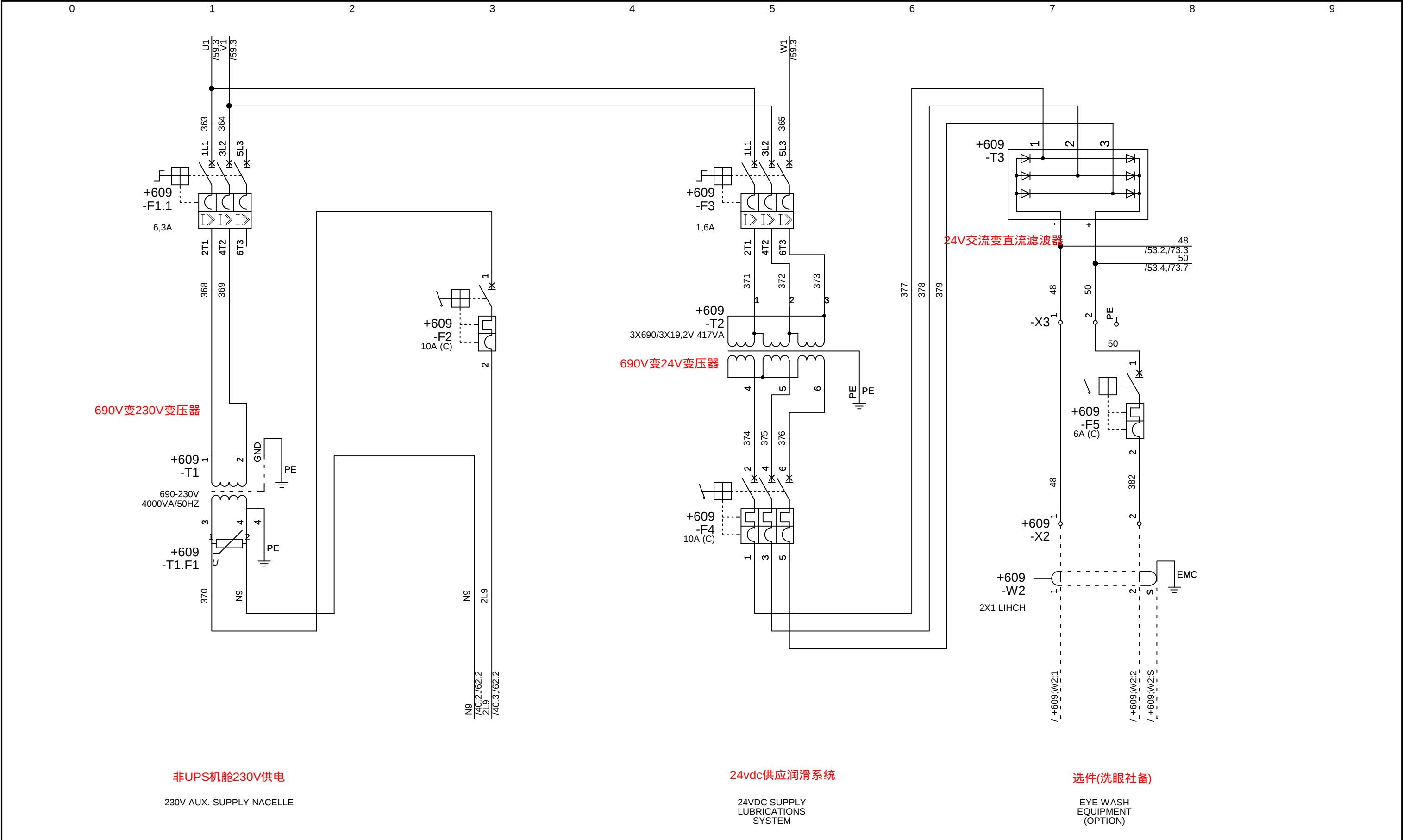




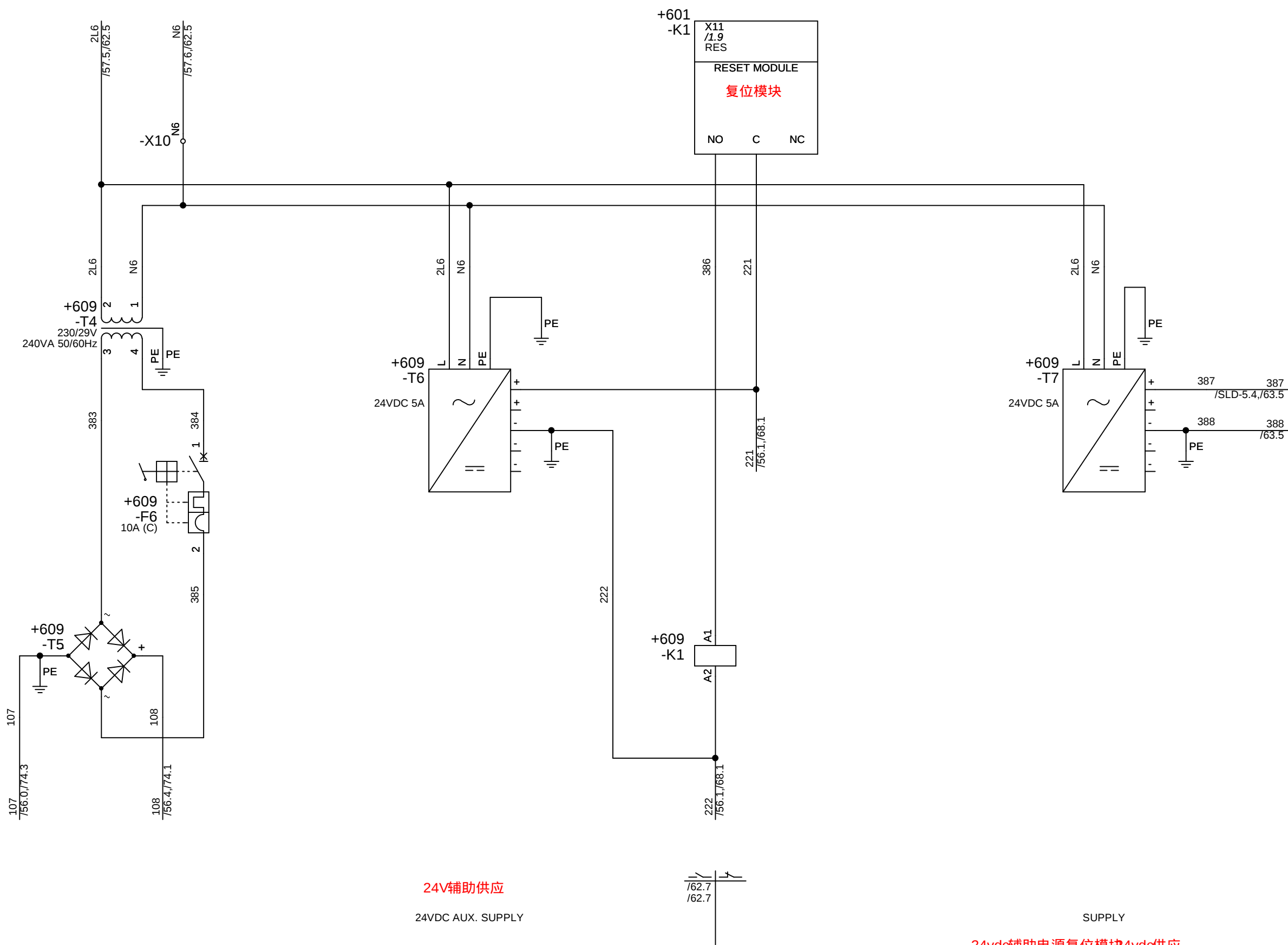
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		2014-05-28			609:690V SUPPLY A3柜690供应	+A3
		Item-no.	ZCD-no:			59
		JASOE/mebje	V3040A3002			

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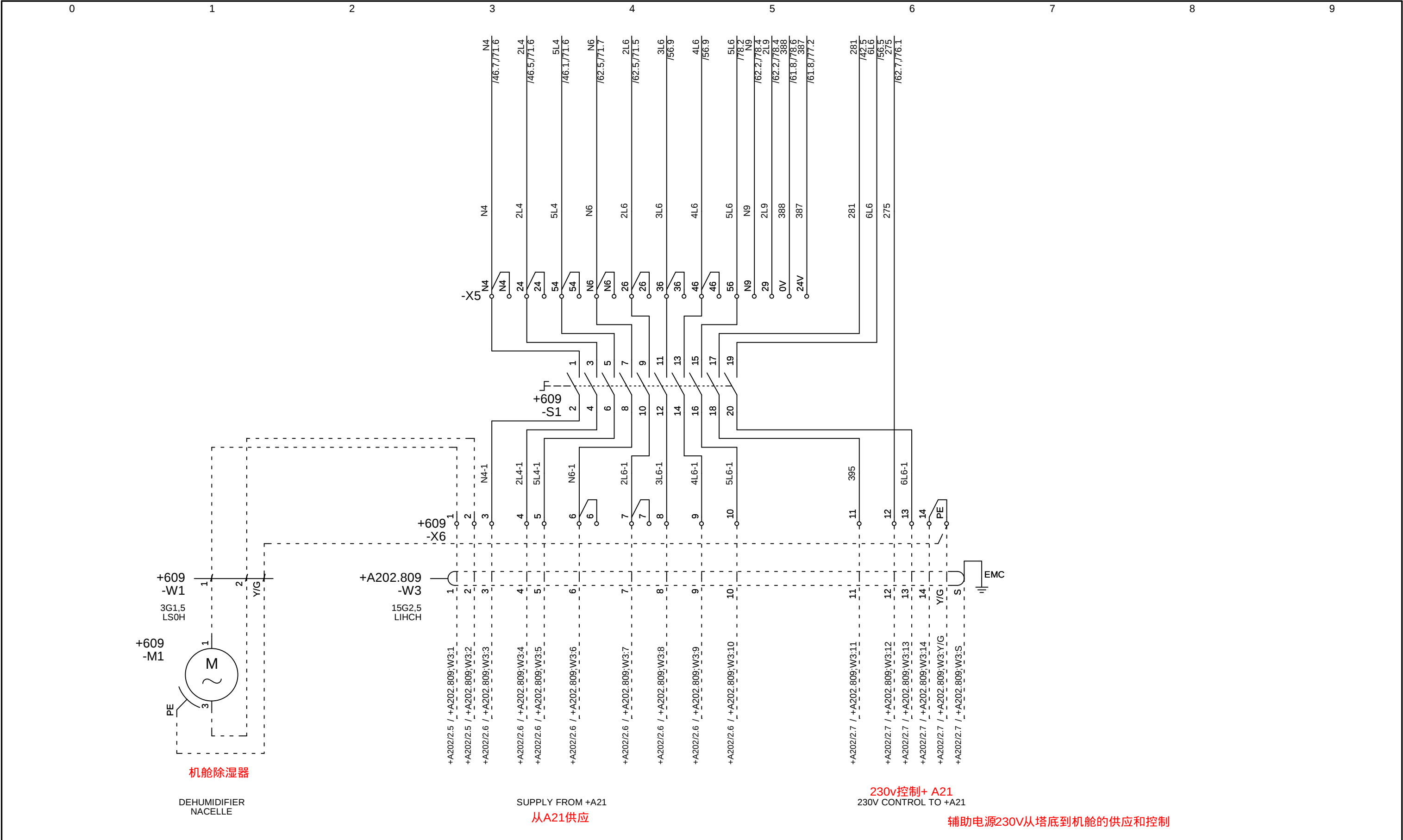
+A3/58+A3/60



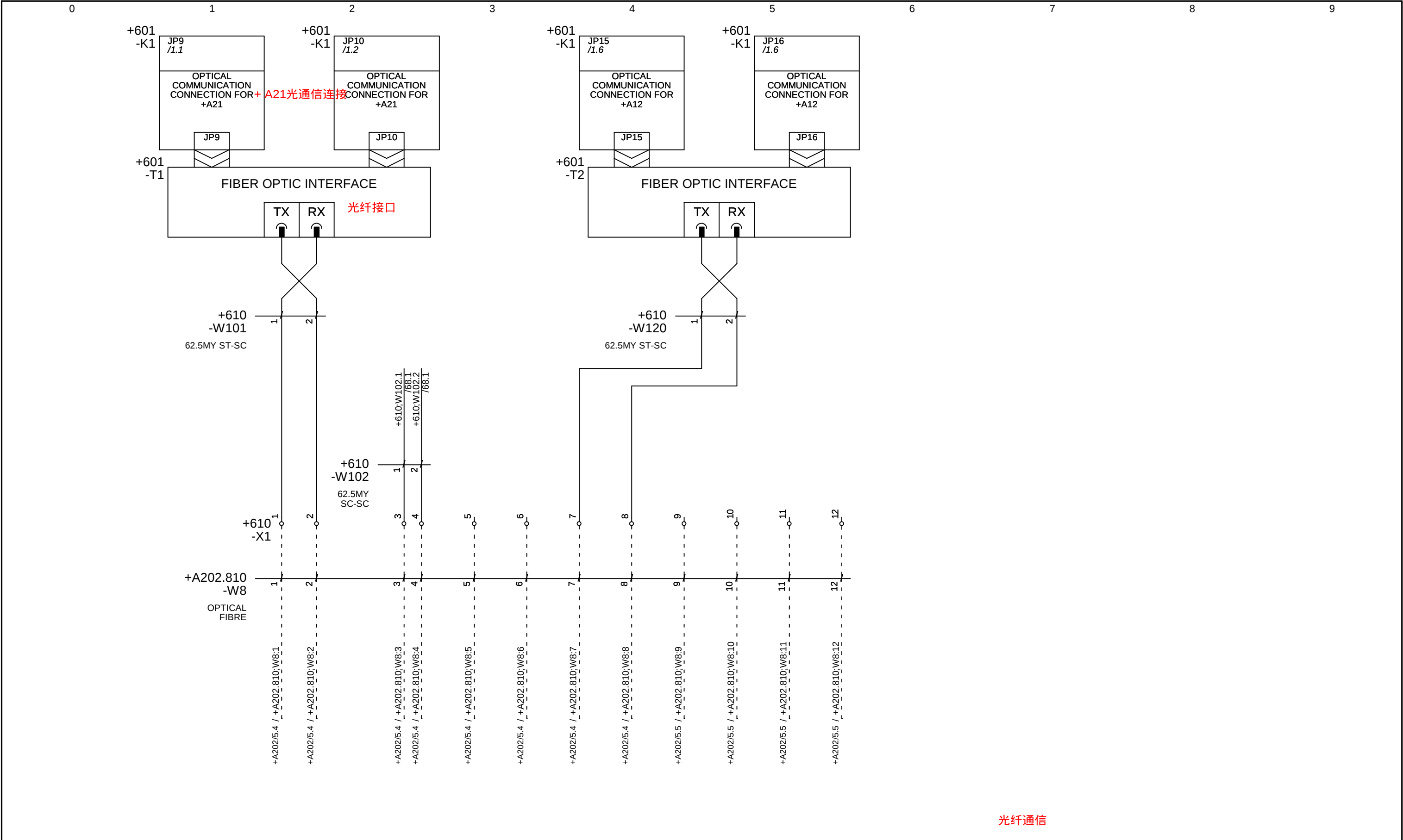
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		2014-05-28			609:230VAC AUX. SUPPLY 24VDC SUPPLY LUBRICATIONS SYSTEM		+A3
		Item-no.	ZCD-no:		机舱690变230和24润滑供应线路		60
		JASOE/mebje	1040046				+A3/61



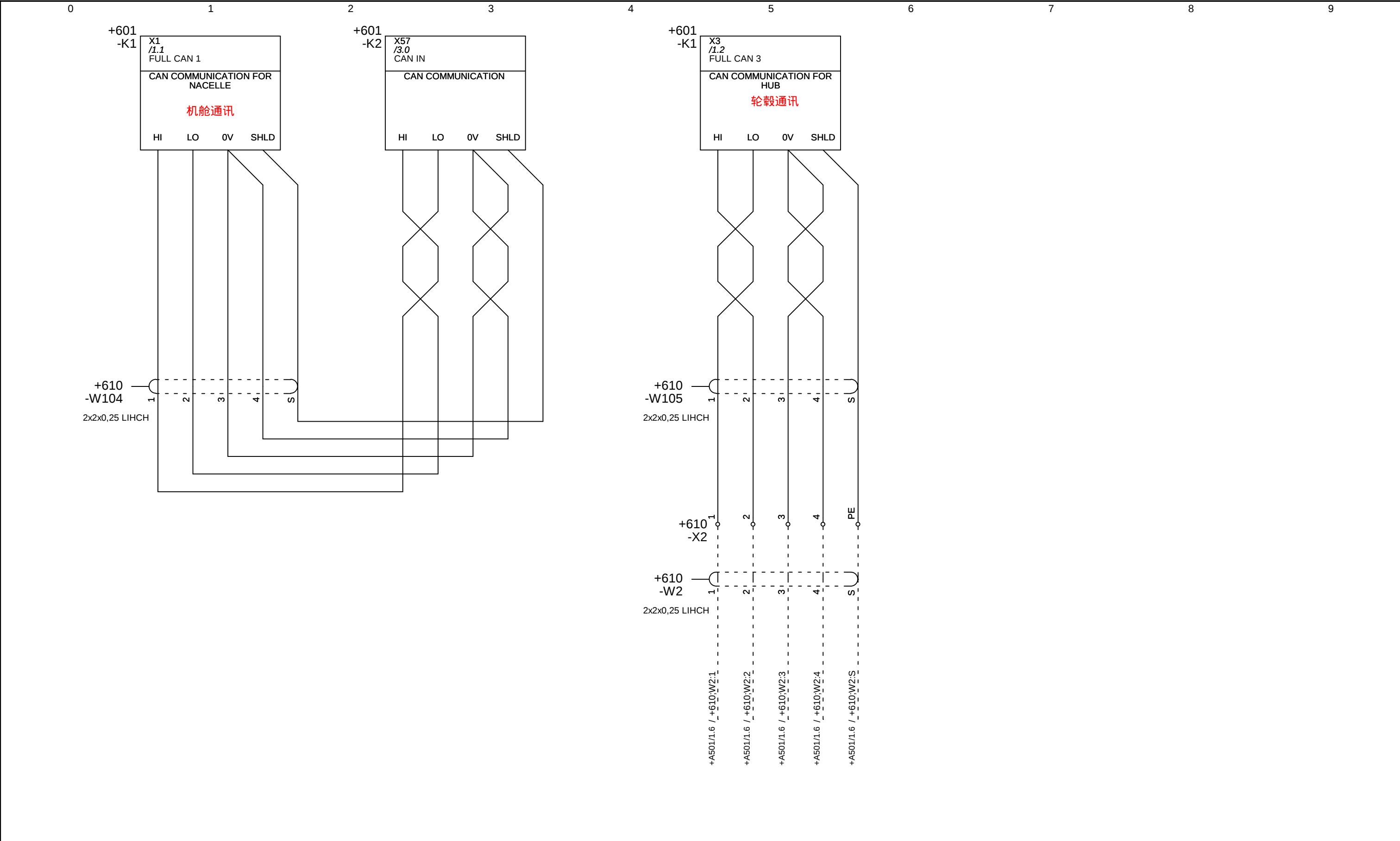


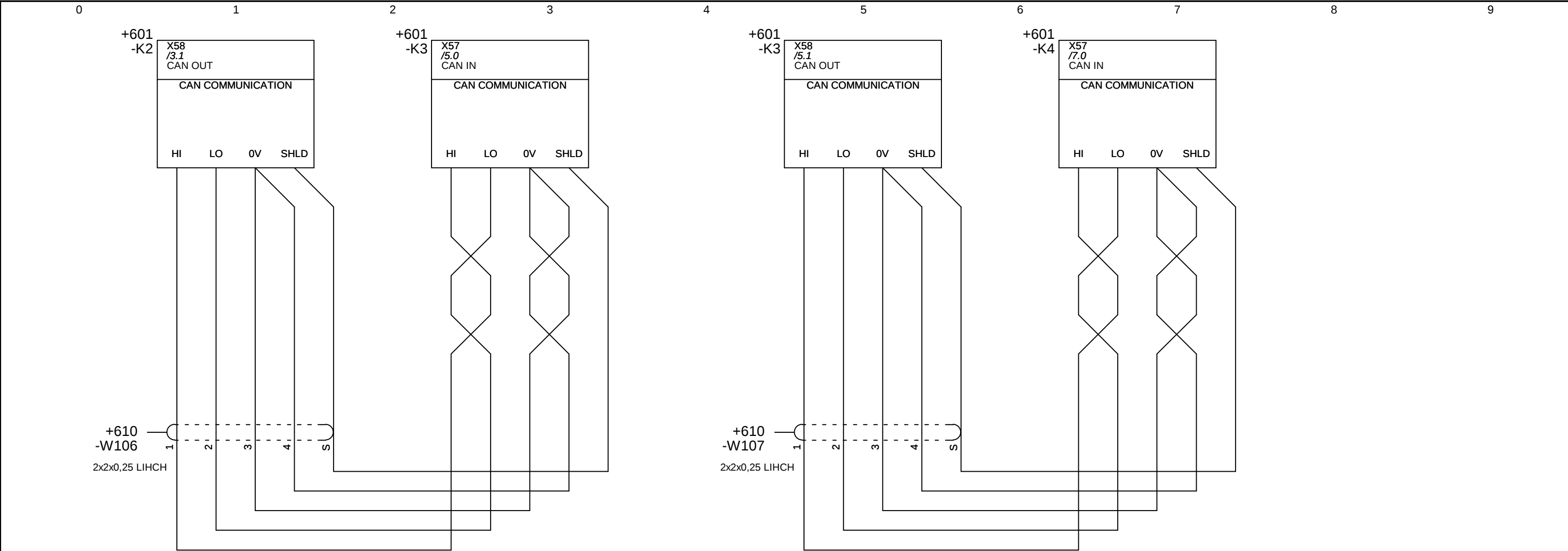


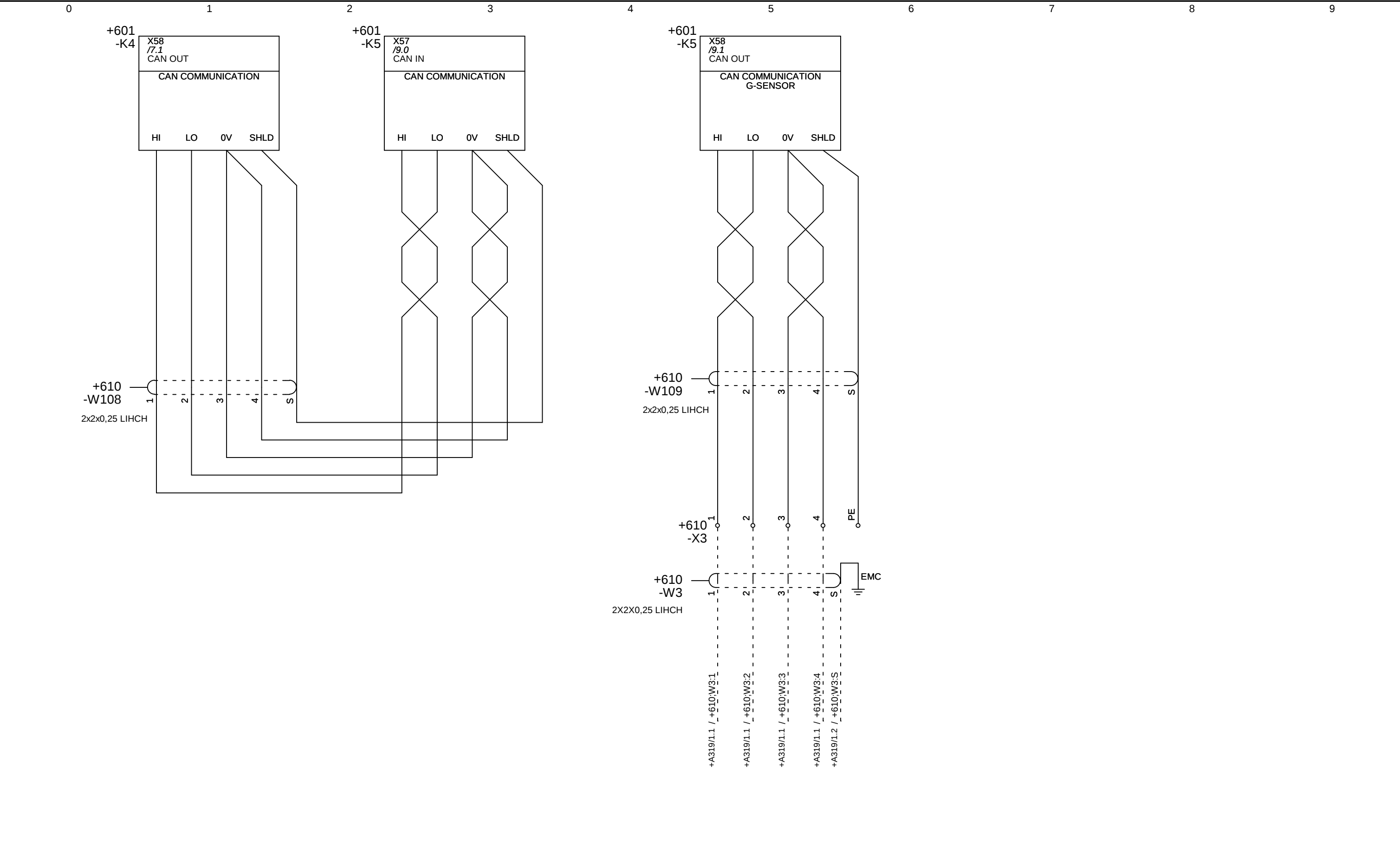
 kk-electronic a/s +A3/62	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			609:230VAC AUX. SUPPLY AND CONTROL FROM/TO +A21 DEHUMUDIFIER NACELLE	+A3
		Item-no.	ZCD-no:			63
		JASOE/mebje	1040046			+A3/64

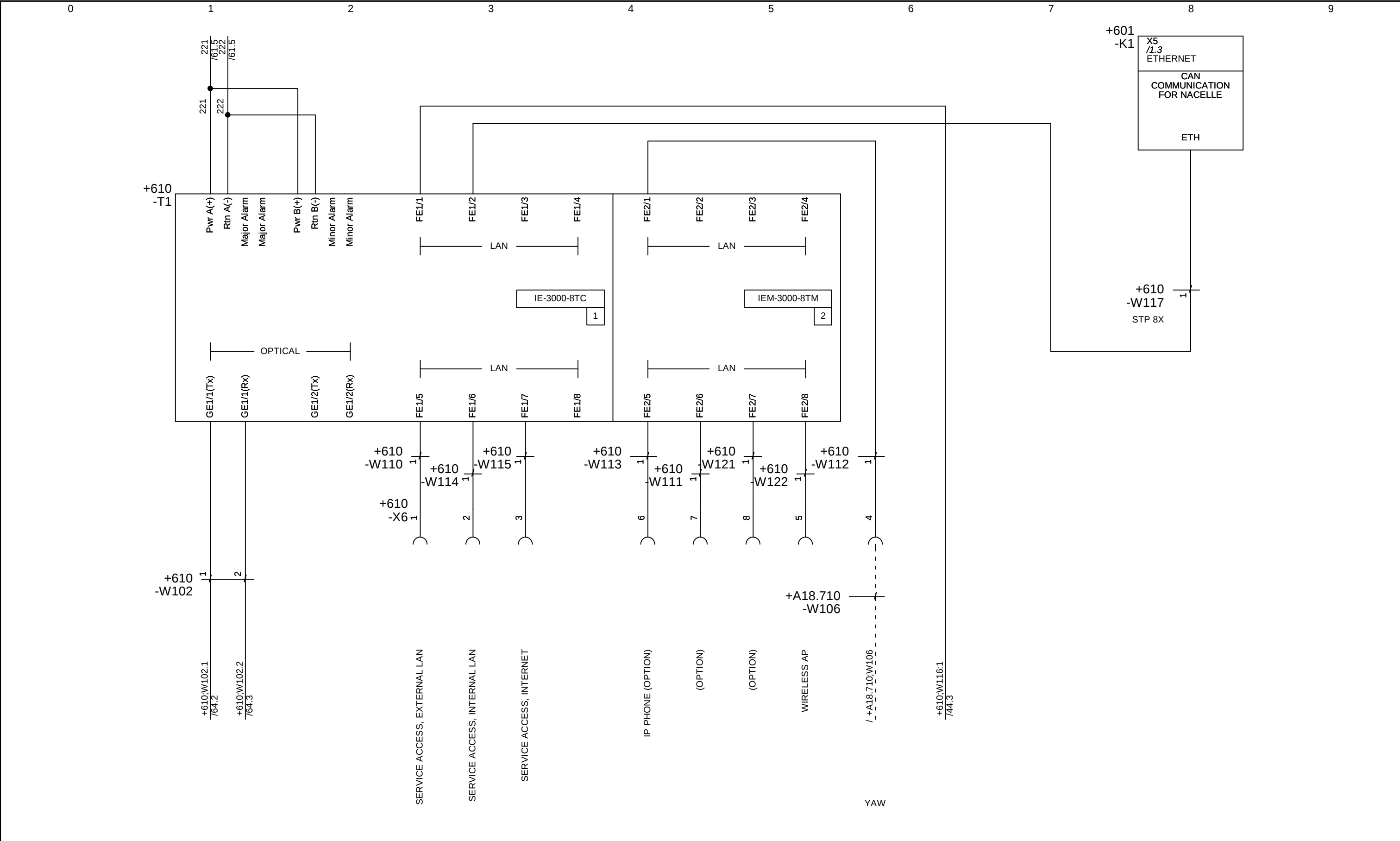


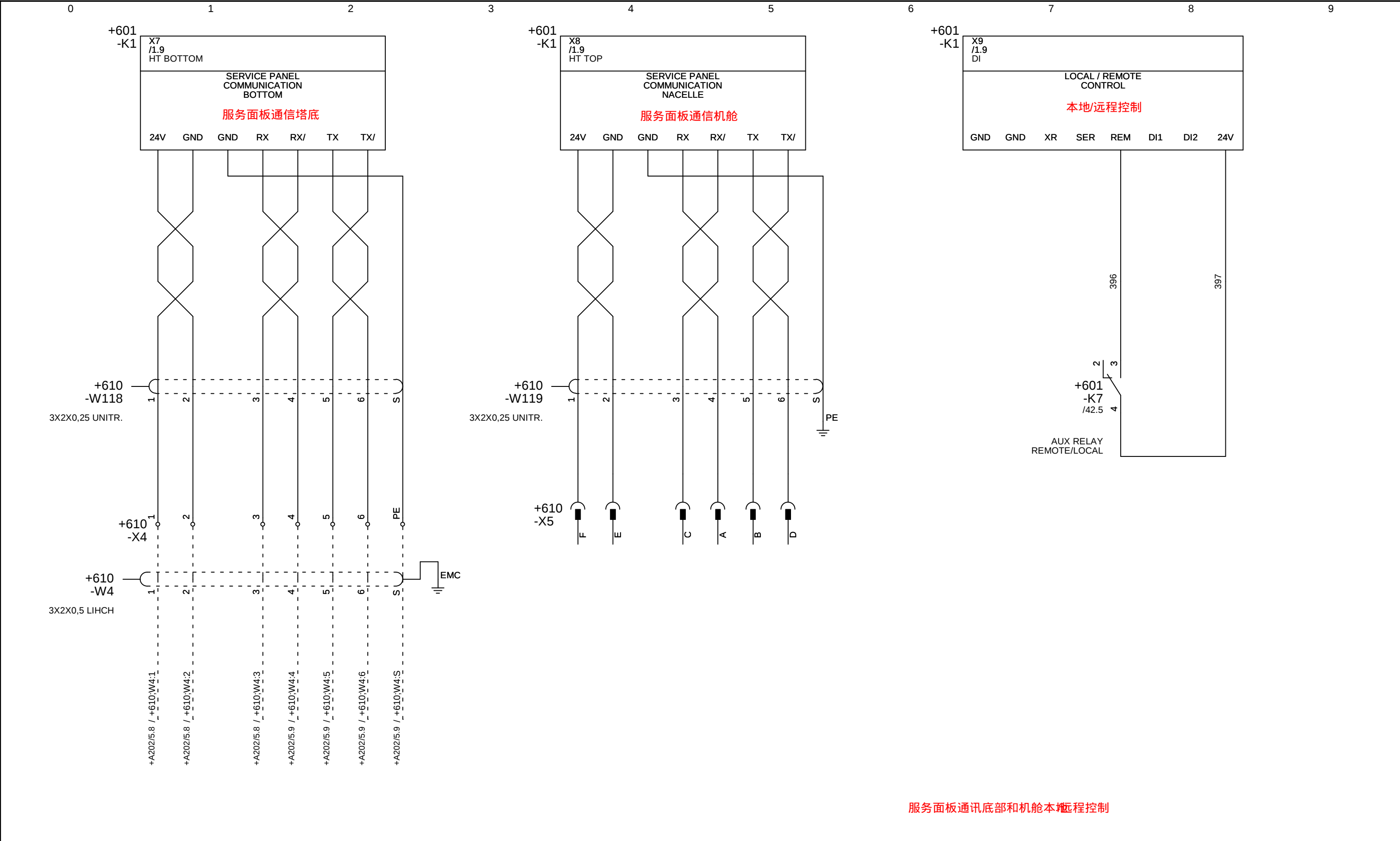
光纤通信



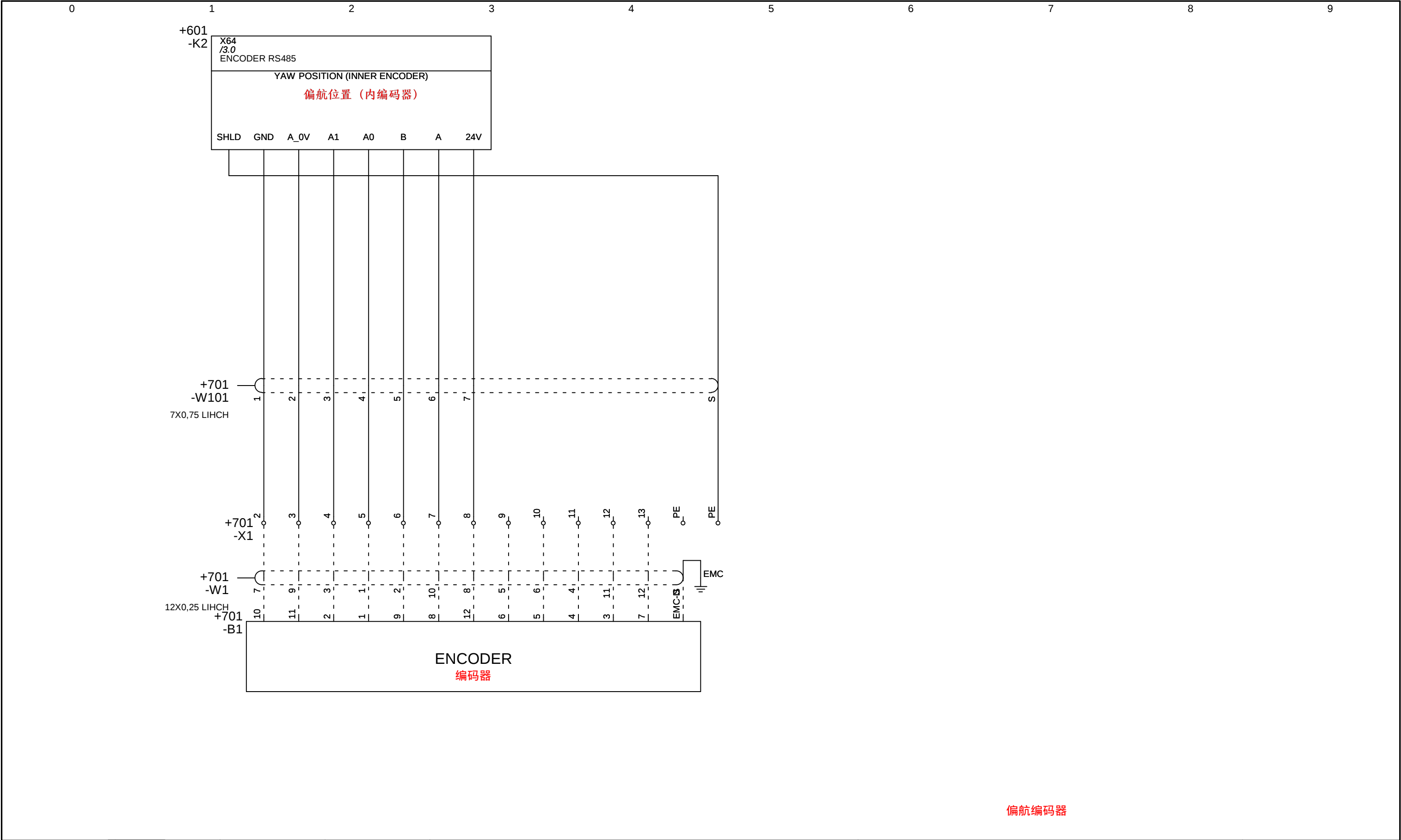


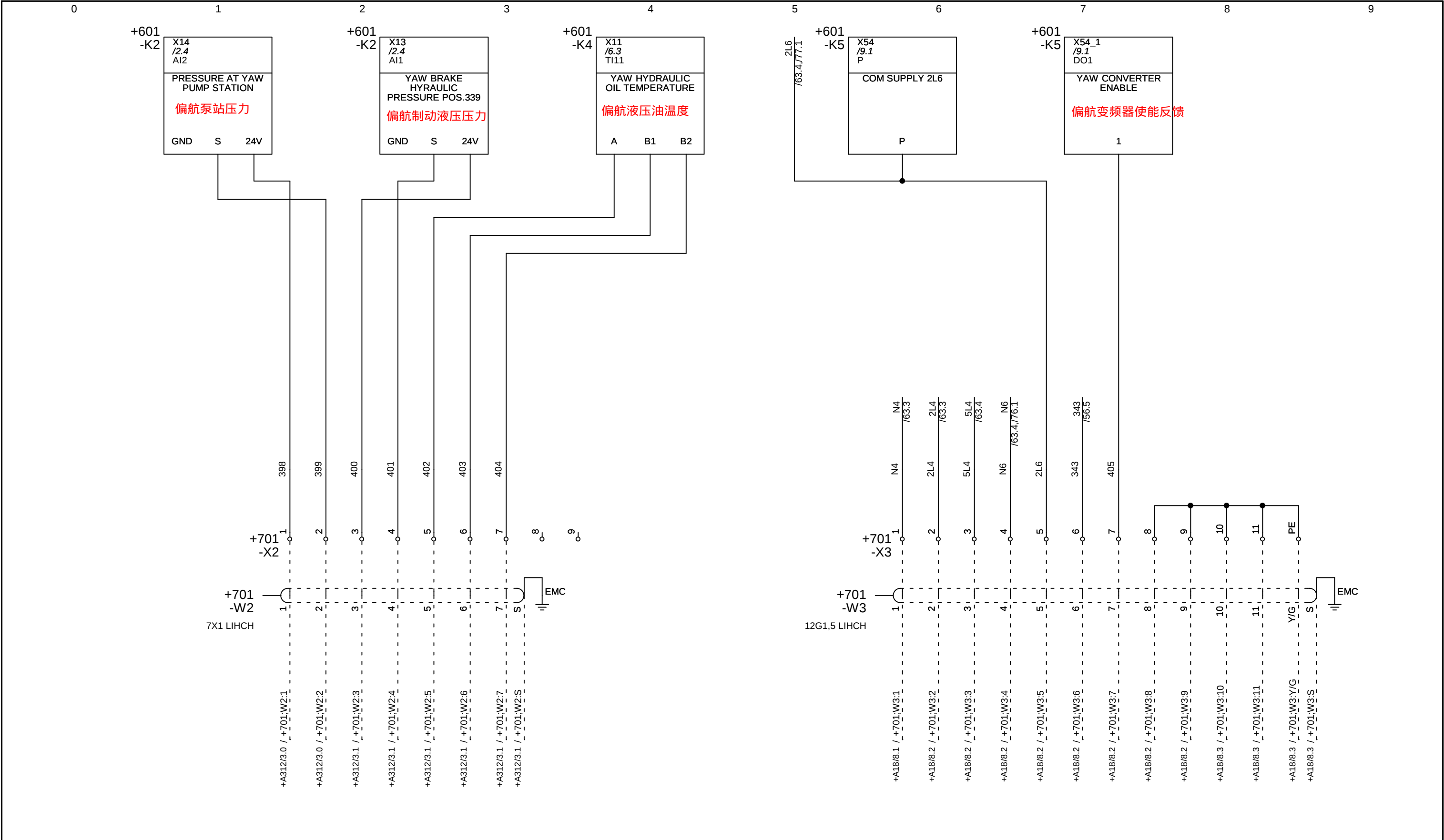




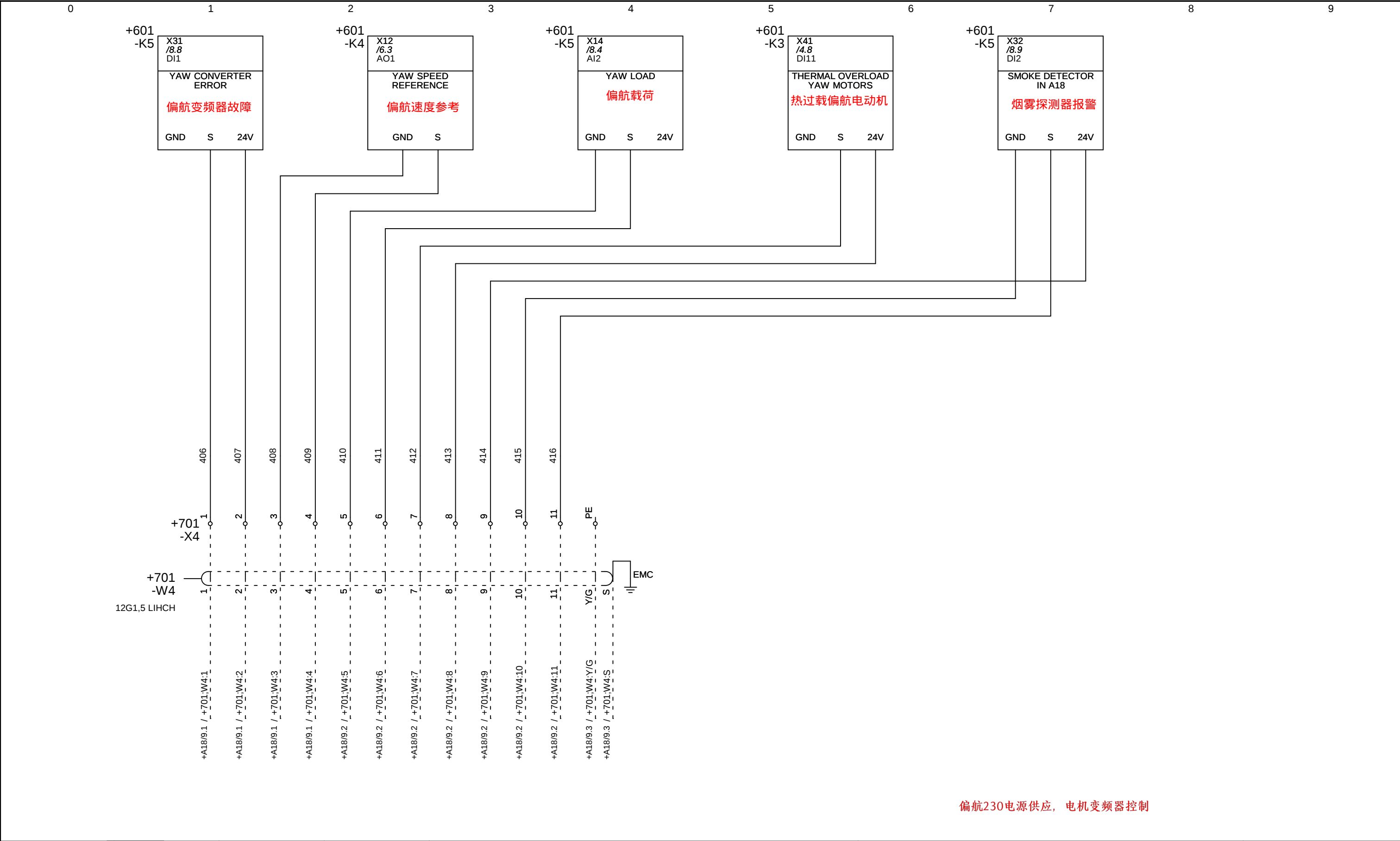


服务面板通讯底部和机舱本地远程控制





偏航液压控制的230V电源/发电机，变频器



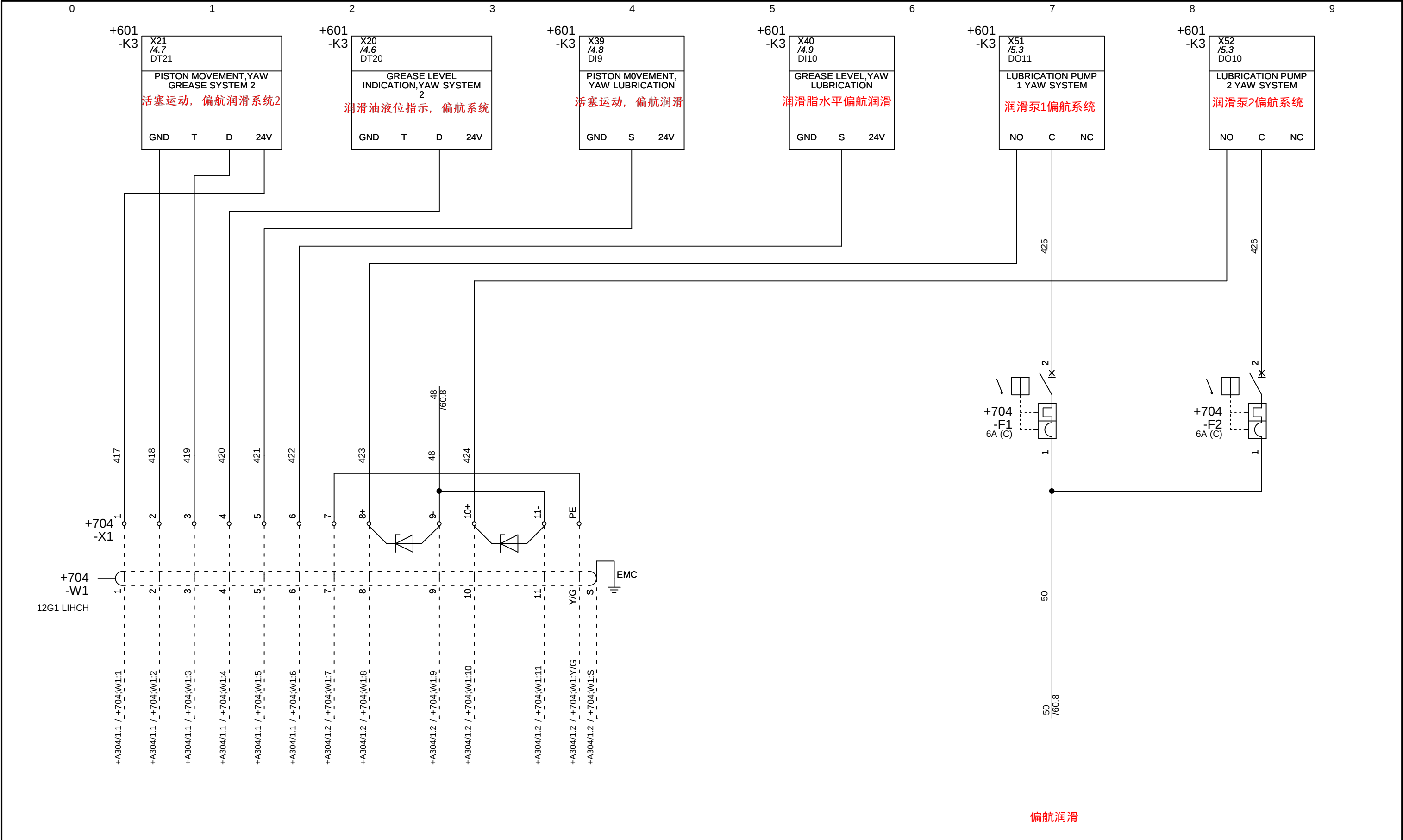
偏航230V电源供应, 电机变频器控制

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		2014-05-28			701:230V SUPPLY/GEN. INVERTER		+A3
		Item-no.	ZCD-no:				72
		JASOE/mebje	1040046				

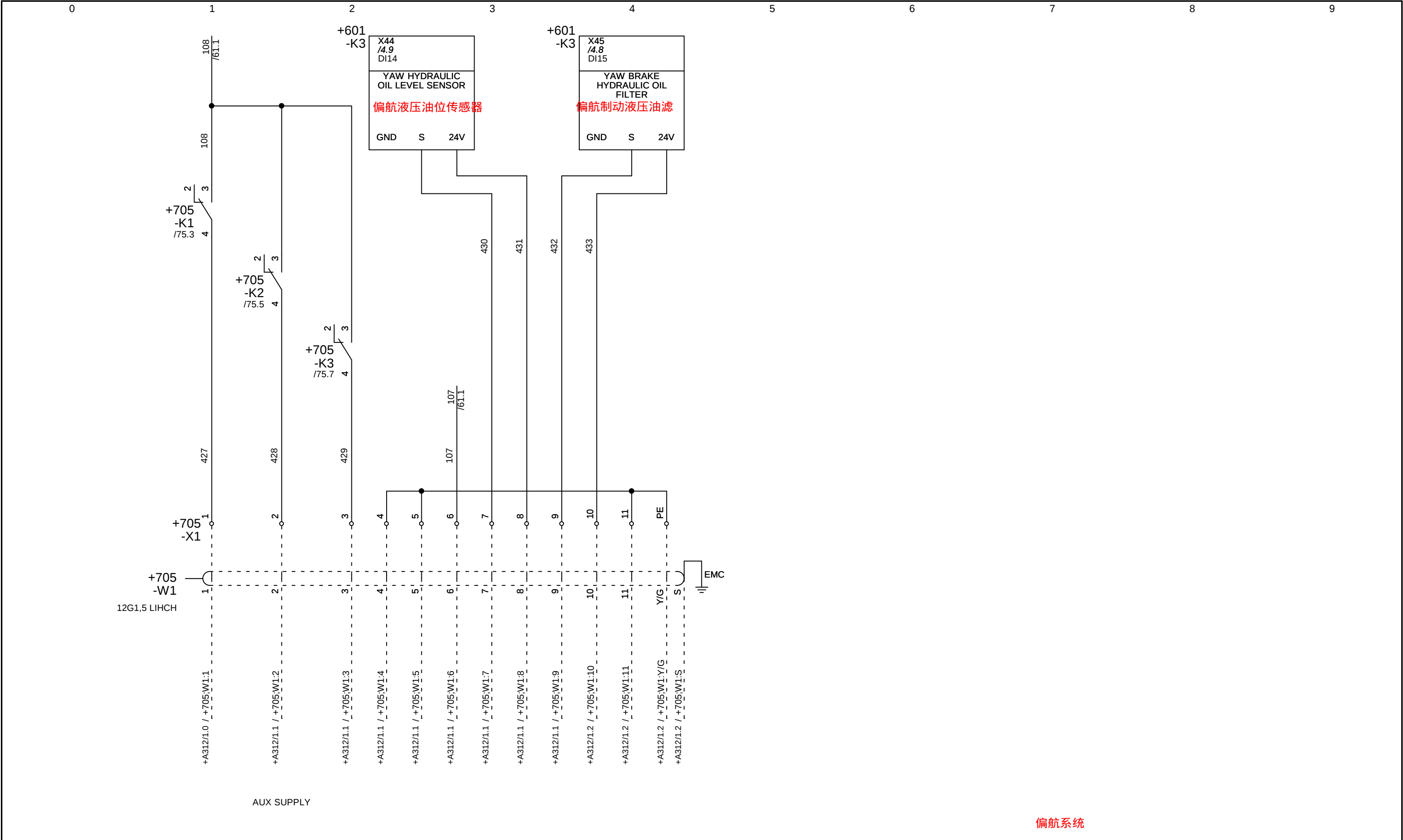
+A3/71

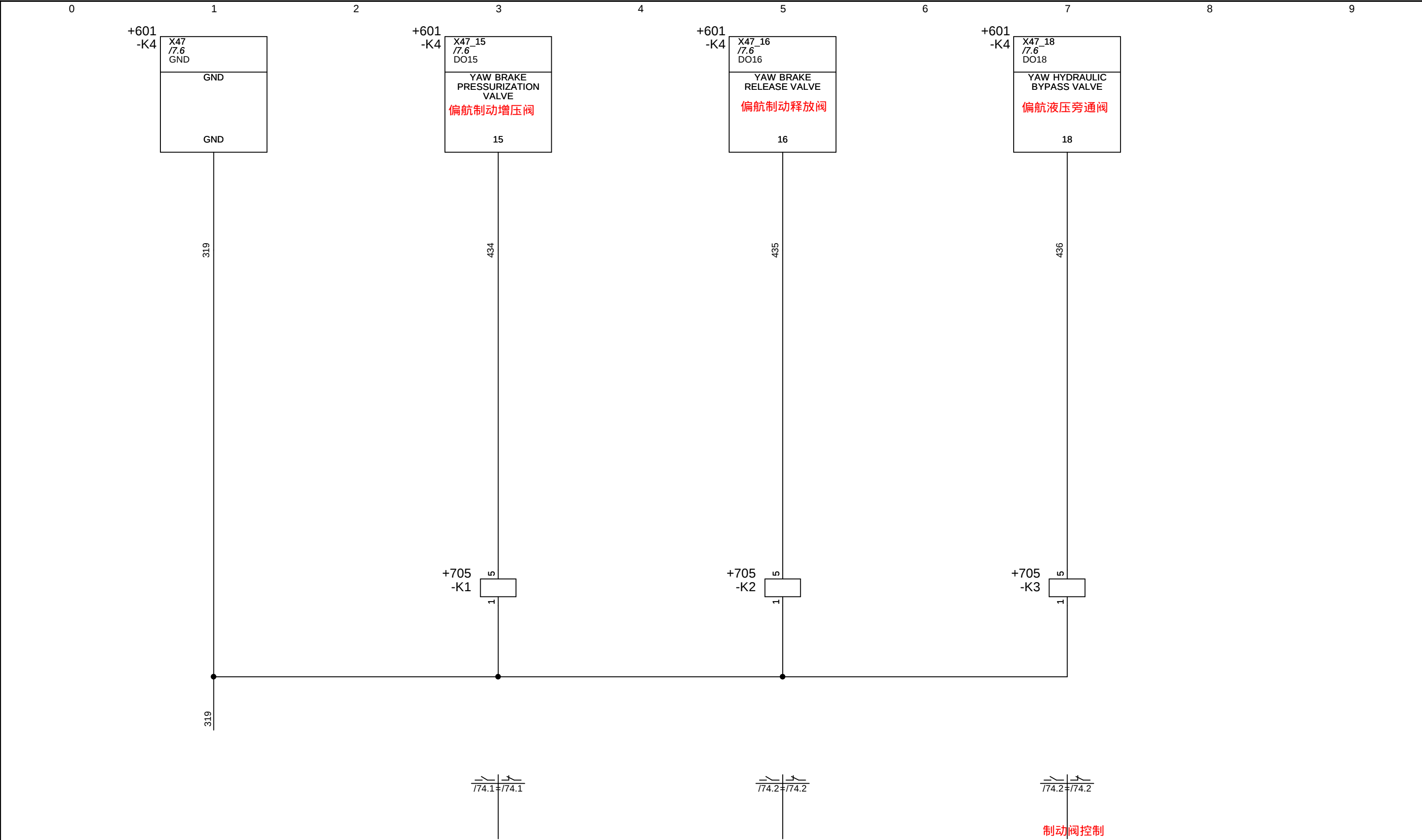
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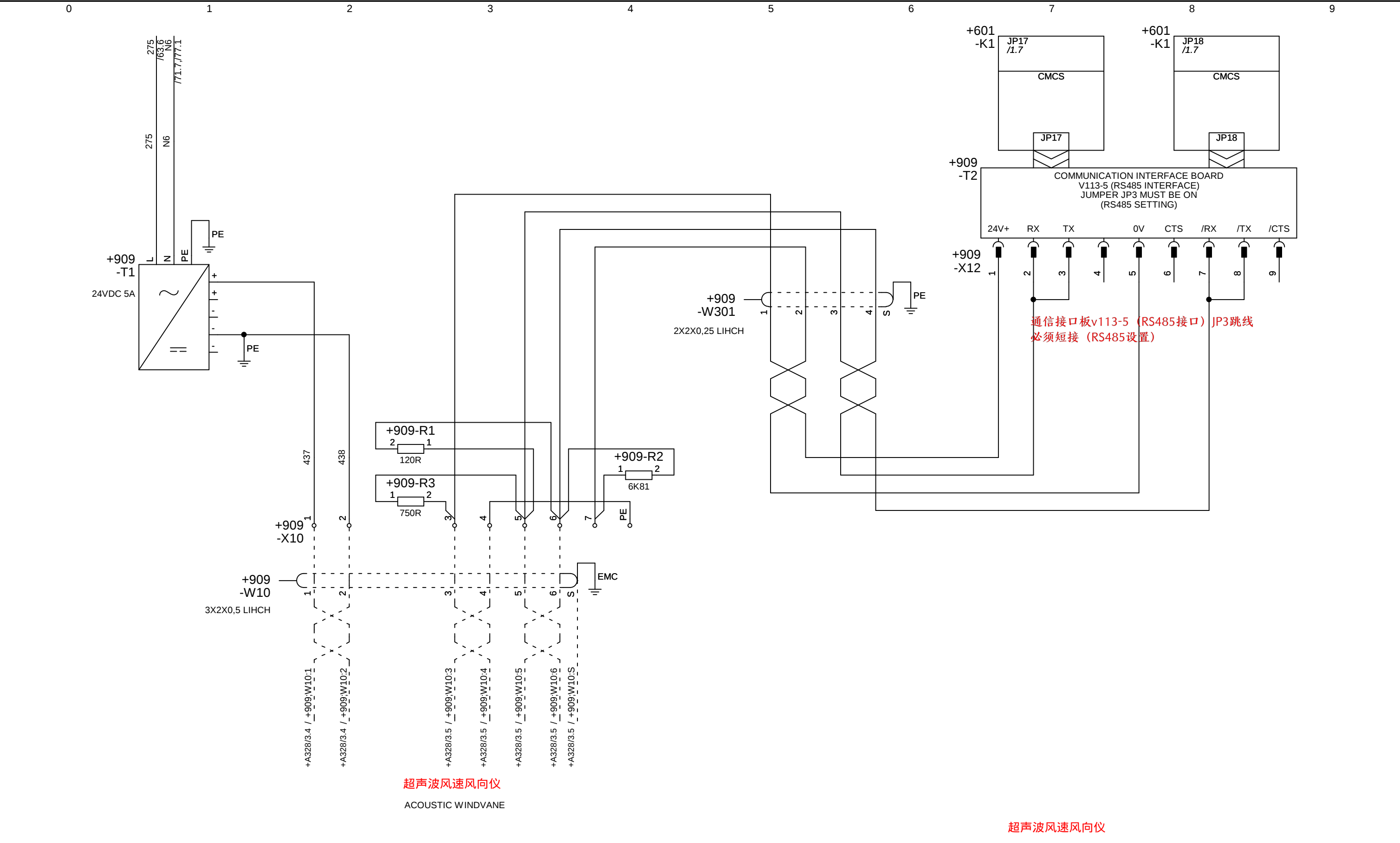
+A3/73



 kk-electronic a/s +A3/72	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002
		2014-05-28			704:YAW LUBRICATION		+A3
		Item-no.	ZCD-no:				73
		JASOE/mebje	1040046				+A3/74





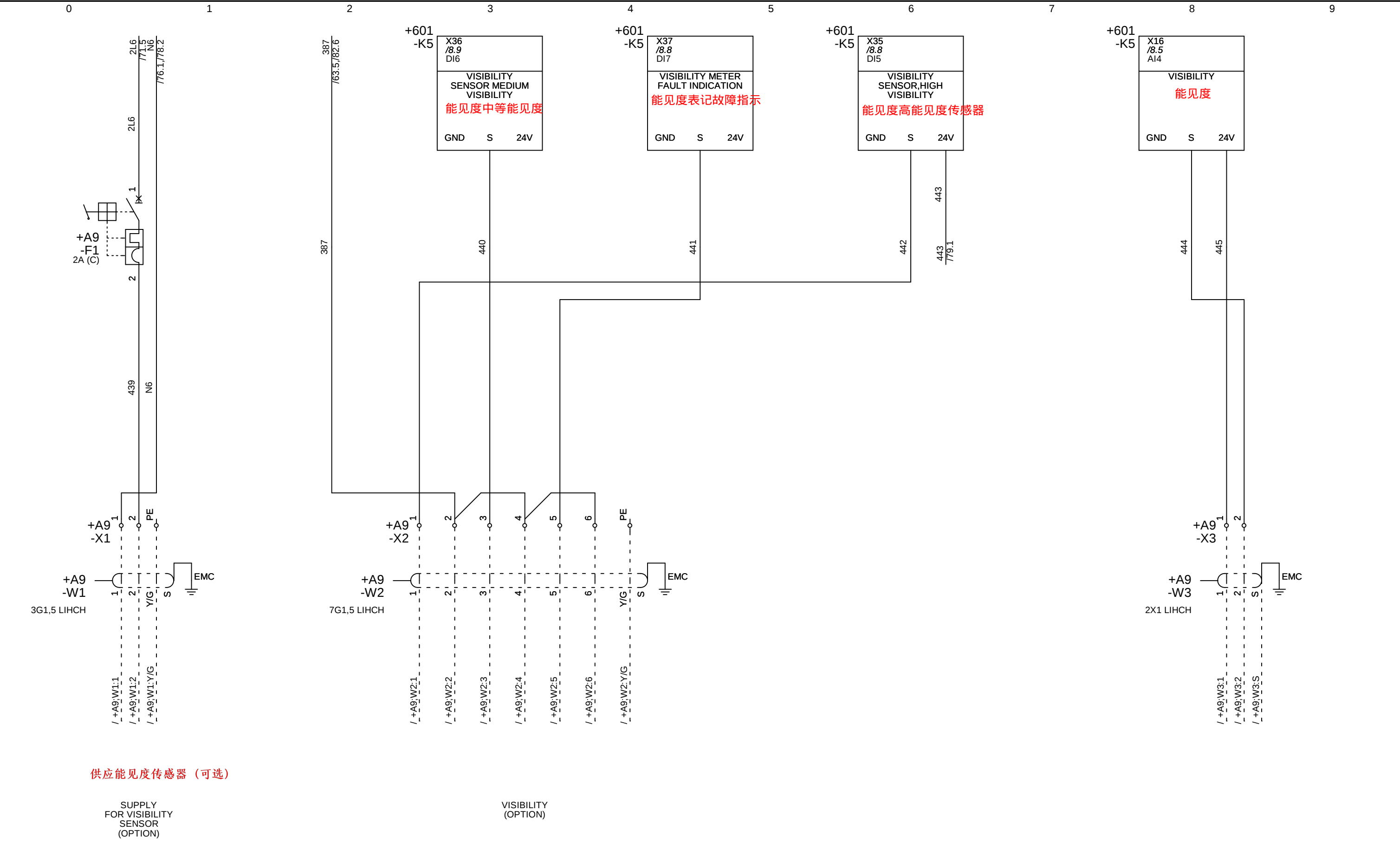


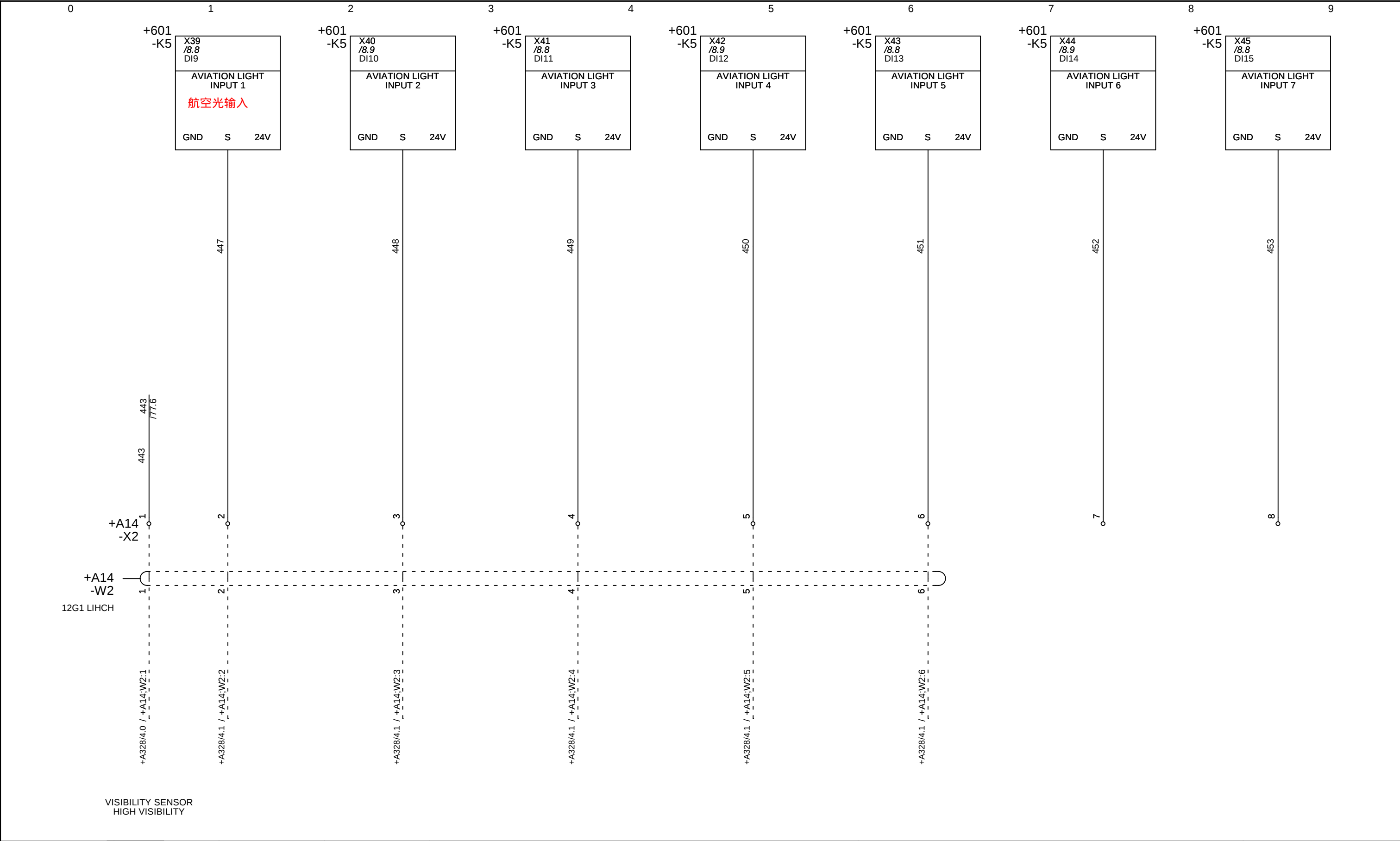
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		2014-05-28			909:WINDFANE 1 (OPTION)	+A3
		Item-no.	ZCD-no:			76
		JASOE/mebje	1040046			

+A3/75

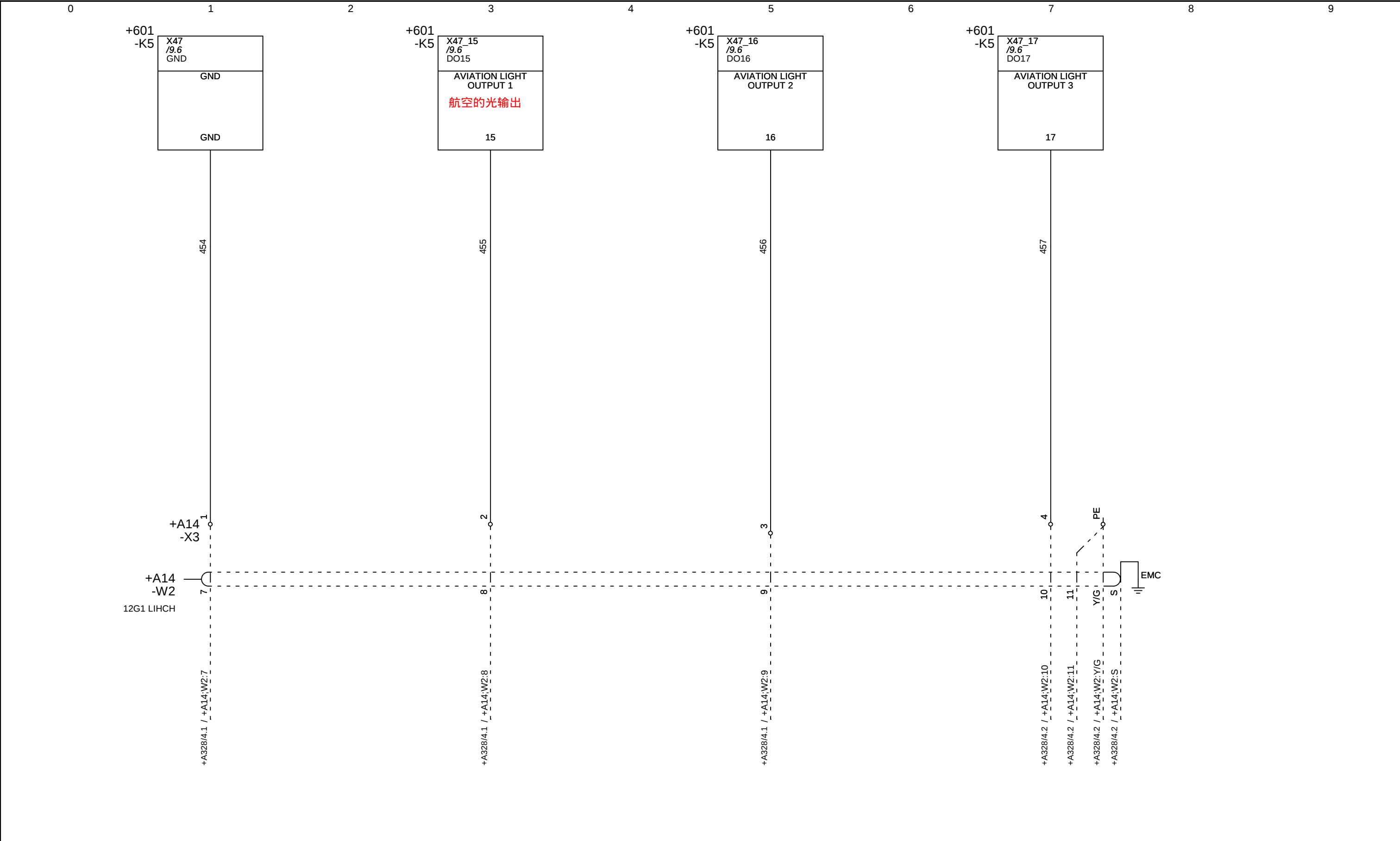
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+A3/77

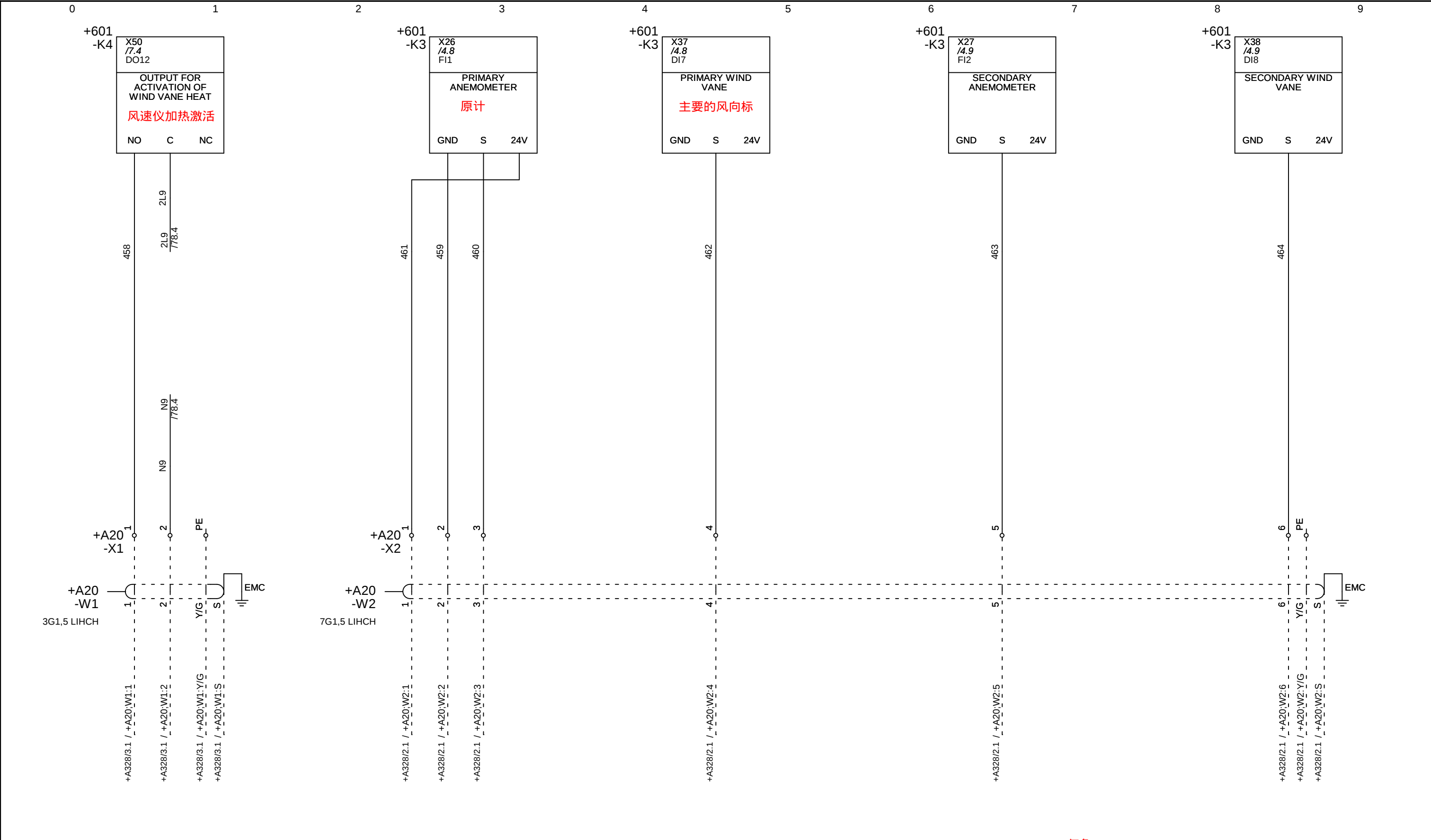




 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002	
		2014-05-28			A14:AVIATION LIGHT		+A3	
		kk-responsible	Item-no.				ZCD-no:	79
		JASOE/mebje	V3040A3002				1040046	
+A3/78		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						+A3/80

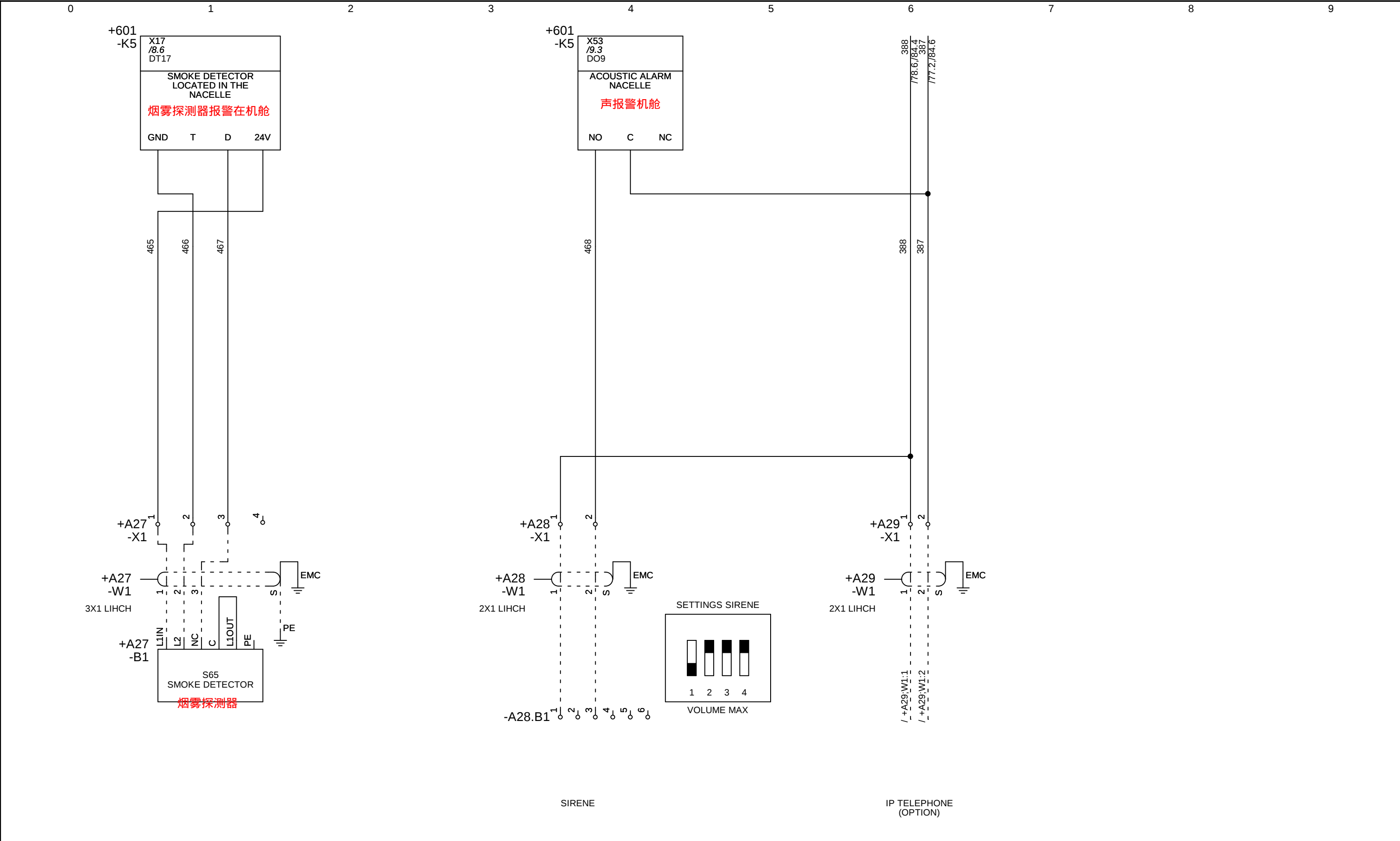


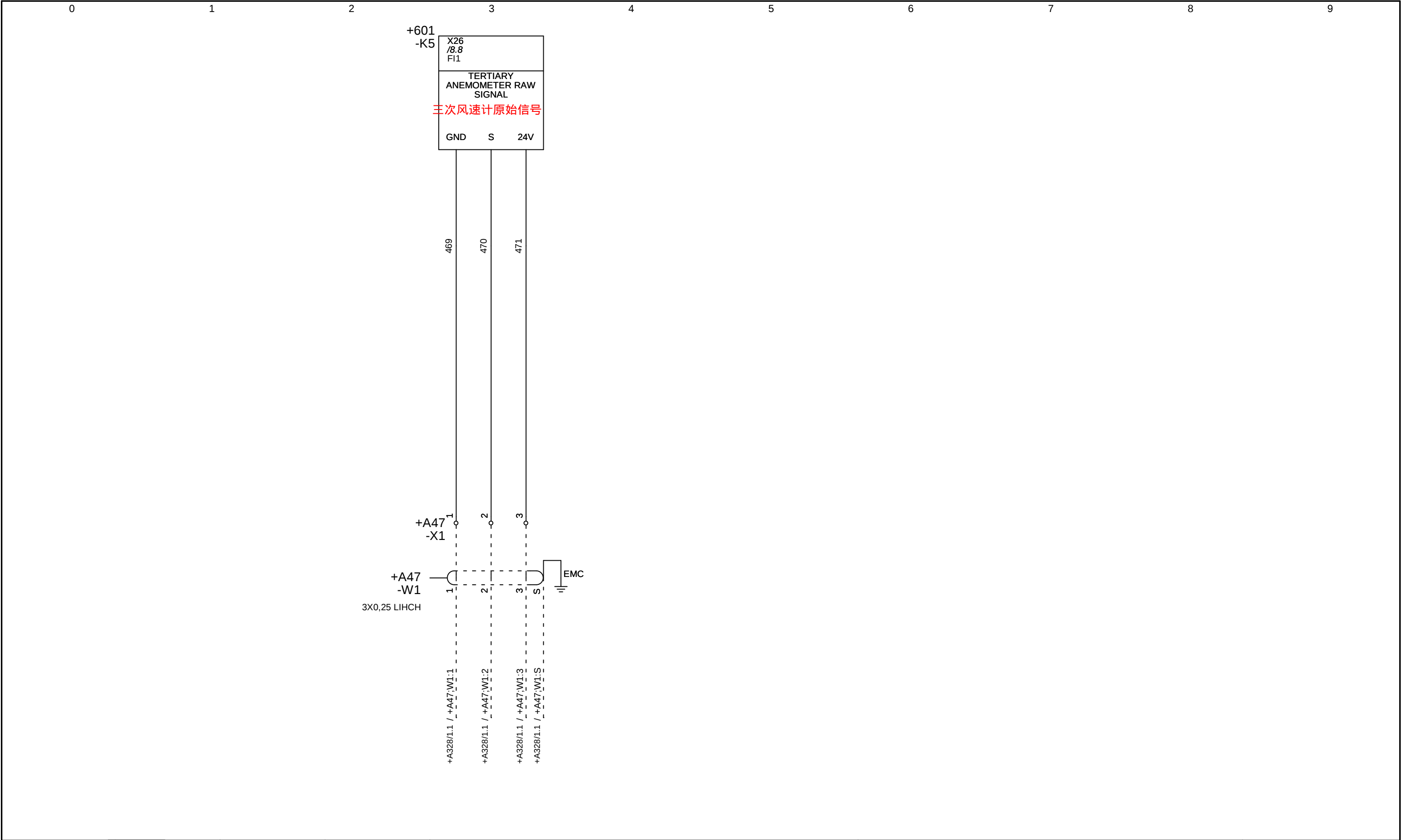
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		2014-05-28			A14:AVIATION LIGHT		+A3	
	kk-responsible	Item-no.	ZCD-no:				80	
	JASOE/mebje	V3040A3002	1040046					
+A3/79		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						+A3/81

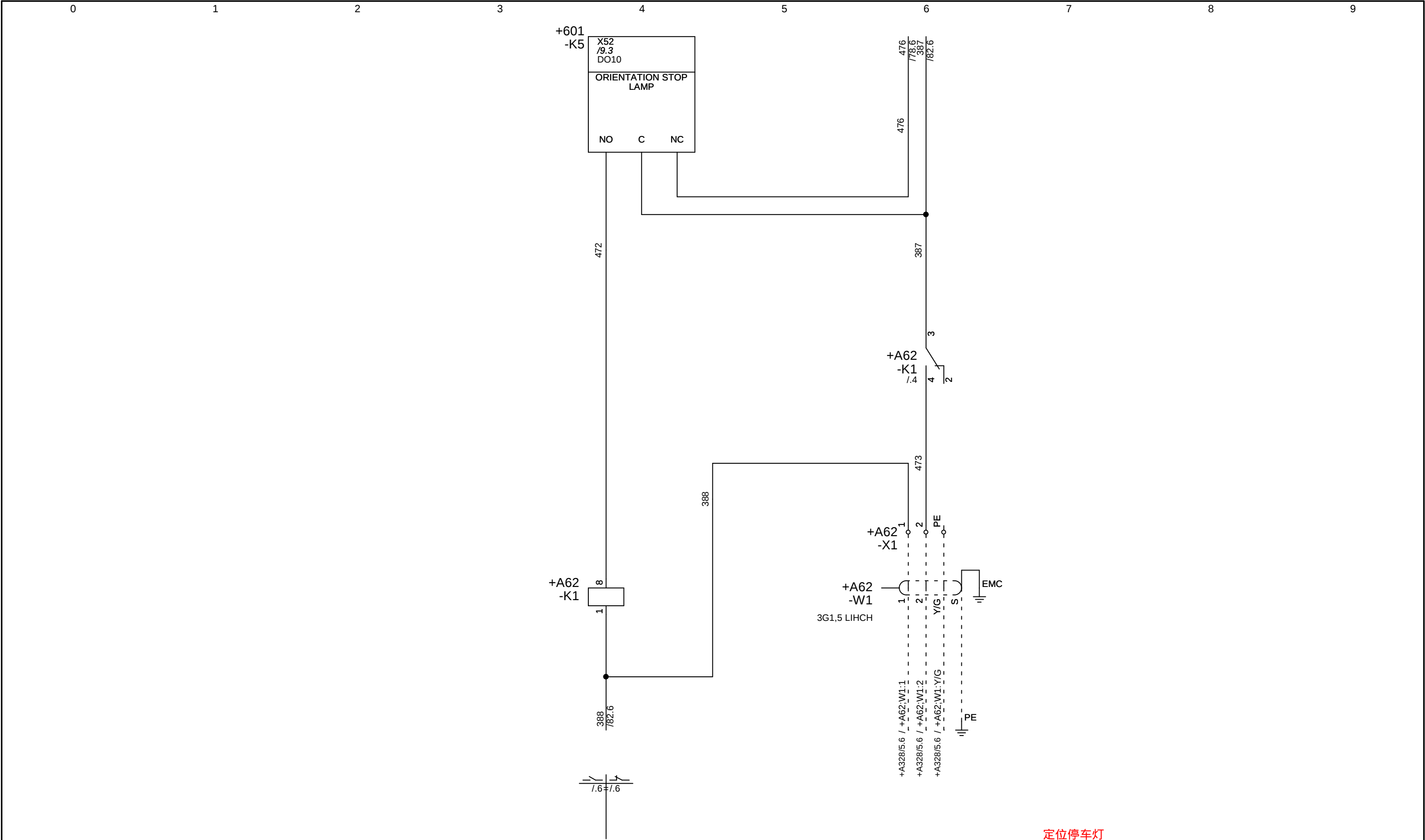


气象

 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			A20:WEATHER	+A3	
		kk-responsible	Item-no.			ZCD-no:	81
		JASOE/mebje	V3040A3002			1040046	
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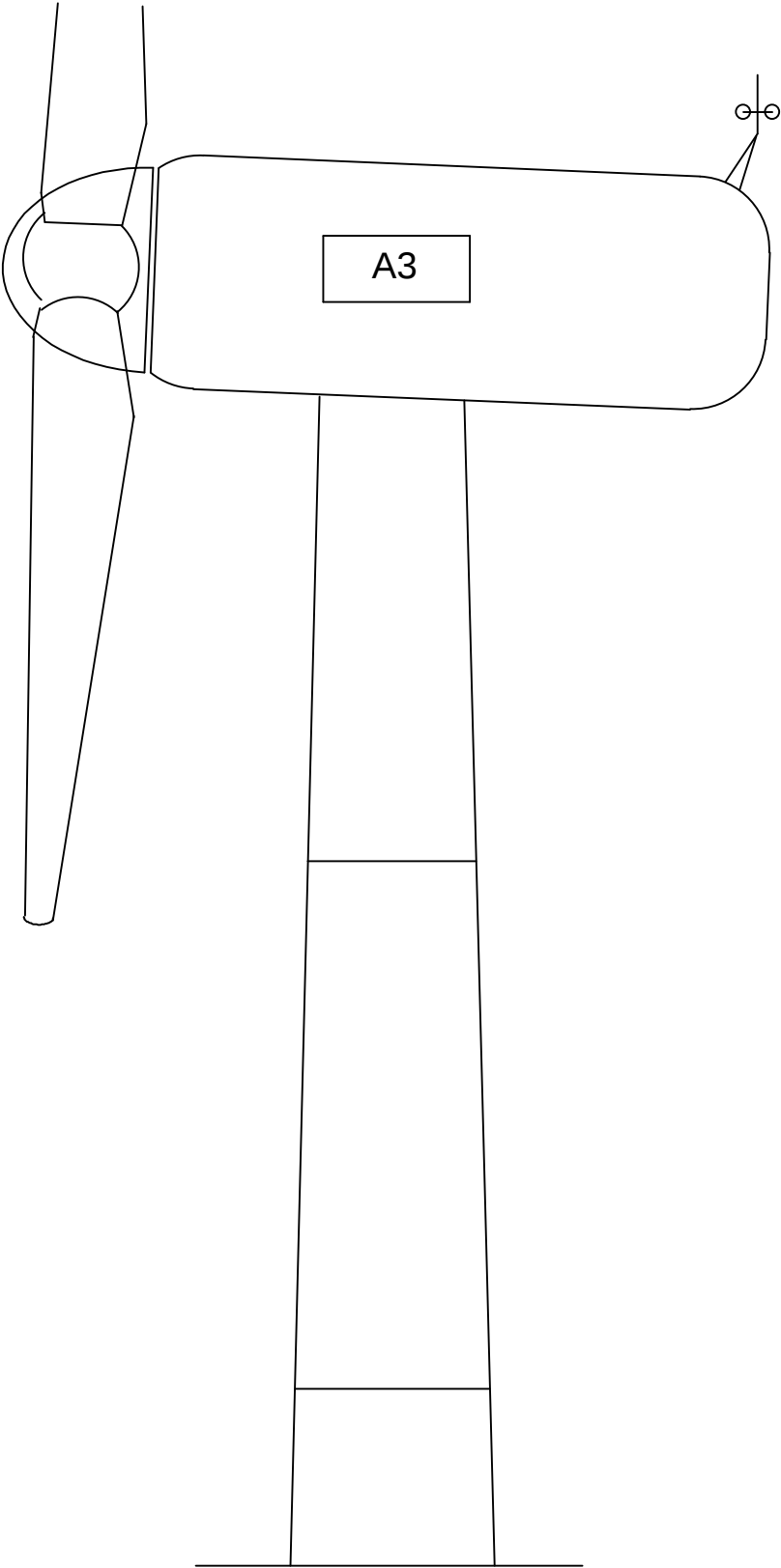


定位停车灯

 kk-electronic a/s +A3/83	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			A62:ORIENTATION STOP LAMP	+A3
		Item-no.	ZCD-no:			84
		JASOE/mebje	1040046			+A3/+A3 C

+A3 COMPONENTS LIST

组件列表



 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002	
		2014-05-28			+A3 COMPONENTS LIST	+A3	
		kk-responsible	Item-no.			ZCD-no:	+A3 C
		JASOE/mebje	V3040A3002			1040046	
+A3/84		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A3/C-1	

Components list

	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.			
1	+A3-X1	2004-1401	4-Conductor through terminal.. block 4-6mm2	A9B10070053	Wago	/62.4	2			
2	+A3-X1	2004-1492	End and intermediate plate		Wago	/62.5	1			
3	+A3-X1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/62.5	1			
4	+A3-X2	2004-1401	4-Conductor through terminal.. block 4-6mm2	A9B10070053	Wago	/58.1	4			
5	+A3-X2	2004-1492	End and intermediate plate		Wago	/58.0	1			
6	+A3-X3	2006-1301	3-Conductor through terminal		Wago	/60.7	2			
7	+A3-X3	2006-1307	3-Conductor earth terminal		Wago	/60.7	1			
8	+A3-X3	2006-1392	End and intermediate plate		Wago	/60.8	1			
9	+A3-X4	2004-402	Push-in type jumper bars 2-way		Wago	/L-20.3	2			
10	+A3-X4	2004-1401	4-Conductor through terminal.. block 4-6mm2	A9B10070053	Wago	/62.7	4			
11	+A3-X4	2004-1492	End and intermediate plate		Wago	/62.6	1			
12	+A3-X5	2004-402	Push-in type jumper bars 2-way		Wago	/L-20.3	7			
13	+A3-X5	2004-1401	4-Conductor through terminal.. block 4-6mm2	A9B10070053	Wago	/63.5	19			
14	+A3-X5	2004-1492	End and intermediate plate		Wago	/63.5	1			
15	+A3-X5	9708/2S35	End stop reinforced	A9B00083081	Wieland	/63.5	1			
16	+A3-X10	2002-1401	4-conductor 2.5-4mm2		Wago	/46.2	3			
17	+A3-X10	2002-1407	4-conductor 2.5-4mm2		Wago	/46.2	2			
18	+A3-X10	2002-1492	End and intermediate plate		Wago	/46.2	1			
19	+A3-X10	9708/2S35	End stop reinforced	A9B00083081	Wieland	/46.2	1			
20	+A3.100-F1	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/12.7	1			
21	+A3.100-F1	MO132-20	Manual motor starter 20A		ABB	/11.1	1			
22	+A3.100-F1	PS1-3-0-65	Busbar loop for MS132 65A		ABB	/L-34.1	1			
23	+A3.100-F1.1	TF42-20	Thermal relay electr. 16-20A		ABB	/11.8	1			
24	+A3.100-F1.2	TF42-5.7	Thermal relay electr. 4,2-5,7A		ABB	/11.4	1			
25	+A3.100-G1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/13.4	1			
26	+A3.100-M1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/11.4	1			
27	+A3.100-Q1.1	AF26-30-00-13	Contactor 3P 26A 100-250V AC/DC Pz2		ABB	/12.3	1			
28	+A3.100-Q1.2	AF26-30-11-13	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/12.4	1			
29	+A3.100-Q1.3	AF26-30-11-13	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/12.1	1			
30	+A3.100-Q3	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/10.4	1			
31	+A3.100-W1.1	108852	Cable 4G6.0 H07RN-F	30629	Draka	/11.4	1			
32	+A3.100-W1.2	108852	Cable 4G6.0 H07RN-F	30629	Draka	/11.8	1			
33	+A3.100-W2	06040020	Cable 3G1.5 LS0H H07RN-F Tarmo	A9B00030498	Draka	/10.1	1			
34	+A3.100-X1	285-135	2-Conductor through terminal		Wago	/11.4	6			
35	+A3.100-X1	285-137	2-Conductor earth terminal		Wago	/11.4	2			
36	+A3.100-X2	2004-1301	3-Conductor through terminal		Wago	/10.1	2			
37	+A3.100-X2	2004-1307	3-Conductor earth terminal		Wago	/10.1	1			
38	+A3.100-X2	2004-1392	End and intermediate plate		Wago	/10.1	1			
39	+A3.100-X2	9708/2S35	End stop reinforced	A9B00083081	Wieland	/10.1	1			
40	+A3.103-W1	05990086	Cable 25X0.50 Lihch Datax	19766	Draka	/13.0	1			
41	+A3.103-X1	2002-403	Push-in type jumper bar 3-way		Wago	/L-25.3	4			
42	+A3.103-X1	2002-433	Push-in type jumper bar 2-way		Wago	/L-25.2	3			
43	+A3.103-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/13.2	8			
 kk-electronic a/s		SIEMENS	Date	Rev. Date	SWT-4.0	Page Content		=V304002		
			2014-05-28			COMPONENTS LIST		+A3		
			kk-responsible	Item-no.		ZCD-no:	C-1			
			JASOE/mebje	V3040A3002		1040046				
+A3/+A3 C									The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.	+A3/C-2

Components list

	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
44	+A3.103-X1	2002-3237	Triple deck terminal block		Wago	/13.8	2
45	+A3.103-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/13.8	1
46	+A3.104-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/14.4	1
47	+A3.104-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/14.7	1
48	+A3.104-F1	S201U-C6	MCB 240V 1P 6A C-curv, UL489		ABB	/14.2	1
49	+A3.104-M1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/14.1	1
50	+A3.104-W1	05990145	Cable 2X1.5 Lihch Datax	30563	Draka	/14.1	1
51	+A3.104-W2	DEL_W_COMP	Delivered with component		VARIOUS	/14.4	1
52	+A3.104-W3	DEL_W_COMP	Delivered with component		VARIOUS	/14.7	1
53	+A3.104-X1	249-116	End stop f/TS-35 rail	200969	Wago	/14.0	1
54	+A3.104-X1	281-340	End barrier f/layer term.4mm2	A9B00083099	Wago	/14.0	1
55	+A3.104-X1	281633/665	Vertical term.diode	A9B00083111	Wago	/14.1	1
56	+A3.104-X1	281633/665	Vertical term.diode	A9B00083111	Wago	/14.1	1
57	+A3.104-X2	2002-434	Push-in type jumper bar 2-way		Wago	/L-25.3	1
58	+A3.104-X2	2002-1401	4-conductor 2.5-4mm2		Wago	/14.4	3
59	+A3.104-X2	2002-1492	End and intermediate plate		Wago	/14.4	1
60	+A3.104-X3	2002-1401	4-conductor 2.5-4mm2		Wago	/14.7	5
61	+A3.104-X3	2002-1492	End and intermediate plate		Wago	/14.8	1
62	+A3.200-F1	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/18.1	1
63	+A3.200-F1	MO132-1.0	Manual motor starter 1.0A		ABB	/15.1	1
64	+A3.200-F1.1	TF42-0.74	Thermal relay electr. 0.55 - 0.74A		ABB	/15.1	1
65	+A3.200-F2	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/19.3	1
66	+A3.200-F2	MO132-32	Manual motor starter 32A		ABB	/15.3	1
67	+A3.200-F2	PS1-5-0-65	Busbar loop for MS132 65A		ABB	/L-30.1	1
68	+A3.200-F2	S1-M3-25	3-phase feeder terminal UL		ABB	/L-30.1	2
69	+A3.200-F2.1	TF42-29	Thermal relay electr. 24.0 - 29.0A		ABB	/15.3	1
70	+A3.200-F3	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/18.3	1
71	+A3.200-F3	MO132-2.5	Manual motor starter 2,5A		ABB	/15.5	1
72	+A3.200-F3.1	TF42-2.3	Thermal relay electr. 1.7 - 2.3A		ABB	/15.5	1
73	+A3.200-F5	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/18.5	1
74	+A3.200-F5	MS132-1.6	Manual Motor Starter 1.6A		ABB	/16.1	1
75	+A3.200-F6	MS132-4.0	Manual Motor Starter 4.0A		ABB	/16.3	1
76	+A3.200-M1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/15.1	1
77	+A3.200-M2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/15.3	1
78	+A3.200-M5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/16.1	1
79	+A3.200-Q1	AF09-30-10-13	Contactactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/17.1	1
80	+A3.200-Q2	AF38-30-00-13	Contactactor 3P 38A 100-250V AC/DC PZ2		ABB	/17.3	1
81	+A3.200-Q3	AF09-30-10-13	Contactactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/17.4	1
82	+A3.200-Q5	AF09-30-10-13	Contactactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/17.6	1
83	+A3.200-W1	06040030	Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/15.1	1
84	+A3.200-W2	108852	Cable 4G6.0 H07RN-F	30629	Draka	/15.3	1
85	+A3.200-W3	06040030	Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/15.5	1
86	+A3.200-W5	06040030	Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/16.1	1

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
87	+A3.200-W6	06040030	Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/16.3	1
88	+A3.200-X1	209-190	Separating wall 3mm		Wago	/15.1	5
89	+A3.200-X1	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/15.1	3
90	+A3.200-X1	2002-2237	Double deck terminal block		Wago	/15.1	1
91	+A3.200-X2	285-135	2-Conductor through terminal		Wago	/15.3	3
92	+A3.200-X2	285-137	2-Conductor earth terminal		Wago	/15.3	1
93	+A3.200-X3	209-190	Separating wall 3mm		Wago	/15.5	4
94	+A3.200-X3	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/15.5	3
95	+A3.200-X3	2002-2237	Double deck terminal block		Wago	/15.5	1
96	+A3.200-X5	209-190	Separating wall 3mm		Wago	/16.1	4
97	+A3.200-X5	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/16.1	3
98	+A3.200-X5	2002-2237	Double deck terminal block		Wago	/16.1	1
99	+A3.200-X6	209-190	Separating wall 3mm		Wago	/16.4	4
100	+A3.200-X6	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/16.3	3
101	+A3.200-X6	2002-2237	Double deck terminal block		Wago	/16.3	1
102	+A3.200-X6.1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/16.3	1
103	+A3.201-K1	MY4N-D2-24DC	Relay 4P 24VDC w/cross/L	A9B00019259	Omron	/19.1	1
104	+A3.201-K1	SY4S02F1	Clamp f/4P relay	A9B10084497	Omron	/19.1	1
105	+A3.201-K1	SY4S05C	Socket f/4P relay	A9B00017400	Izumi	/19.1	1
106	+A3.201-K2	G2R-2-SND-24DC	Relay 2P 24VDC w/LED+Diode	A9B00017424	Omron	/19.3	1
107	+A3.201-K2	P2RF-08-E	Socket f/G2R-2	A9B00017969	Omron	/19.3	1
108	+A3.201-K2	RJ2S-CLD-D24	Relay 2P 24DC 8A w/Led+Diode		Idec	/19.3	-
109	+A3.201-K2	SJ2S-07L	Socket f/2P Relay		Idec	/19.3	-
110	+A3.205-Q1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/20.1	1
111	+A3.205-W1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/20.1	1
112	+A3.205-X1	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/20.1	1
113	+A3.205-X1	2002-2292	End and intermediate plate		Wago	/20.0	1
114	+A3.206-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/21.1	1
115	+A3.206-B4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/21.3	1
116	+A3.206-B5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/21.4	1
117	+A3.206-B6	NOT_KK_DEL	Not delivered by kk		VARIOUS	/21.6	1
118	+A3.206-K1	G3R-ODX02SN	Solid state rel.4-60VDC 5-24VDC	A9B00017419	Omron	/22.3	1
119	+A3.206-K1	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/22.3	1
120	+A3.206-K2	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/22.5	1
121	+A3.206-K2	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/22.5	1
122	+A3.206-K2	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/22.5	-
123	+A3.206-K2	SJ1S-07L	Socket f/1P Relay		Idec	/22.5	-
124	+A3.206-Q1.1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/20.3	1
125	+A3.206-Q1.2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/20.5	1
126	+A3.206-Q1.3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/20.7	1
127	+A3.206-Q1.4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/20.8	1
128	+A3.206-W1.1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/20.3	1
129	+A3.206-W1.2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/20.5	1

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.	
130	+A3.206-W1.3	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/20.6	1	
131	+A3.206-W1.4	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/20.8	1	
132	+A3.206-W3	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/21.1	1	
133	+A3.206-W4	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/21.2	1	
134	+A3.206-W5	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/21.4	1	
135	+A3.206-W6	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/21.6	1	
136	+A3.206-X1	2002-402	Push-in Jumper Bars 2-way		Wago	/L-25.5	1	
137	+A3.206-X1	2002-405	Push-in type jumper bar 5-way		Wago	/L-25.5	1	
138	+A3.206-X1	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/20.3	4	
139	+A3.206-X1	2002-2292	End and intermediate plate		Wago	/20.3	1	
140	+A3.206-X3	2002-2231	Double deck terminal block	A9B10077638	Wago	/21.1	1	
141	+A3.206-X3	2002-2292	End and intermediate plate		Wago	/21.1	1	
142	+A3.206-X4	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/21.2	1	
143	+A3.206-X4	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/21.3	1	
144	+A3.206-X5	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/21.4	1	
145	+A3.206-X5	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/21.4	1	
146	+A3.206-X6	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/21.6	1	
147	+A3.206-X6	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/21.6	1	
148	+A3.391-W3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/44.5	-	
149	+A3.391-W4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.0	-	
150	+A3.391-W5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.2	-	
151	+A3.391-W6	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.3	-	
152	+A3.391-W7	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.4	-	
153	+A3.391-W8	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.5	-	
154	+A3.391-W9	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.6	-	
155	+A3.391-W10	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.7	-	
156	+A3.391-W11	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.8	-	
157	+A3.400-F1	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/25.2	1	
158	+A3.400-F1	MO132-20	Manual motor starter 20A		ABB	/23.2	1	
159	+A3.400-F1	PS1-2-0-65	Busbar loop for MS132 65A		ABB	/L-31.0	1	
160	+A3.400-F1	S1-M3-25	3-phase feeder terminal UL		ABB	/L-31.0	1	
161	+A3.400-F1.1	TF42-13	Thermal relay electr. 10-13A		ABB	/23.6	1	
162	+A3.400-F1.2	TF42-10	Thermal relay electr. 7.6 - 10A		ABB	/23.2	1	
163	+A3.400-F2	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/25.4	1	
164	+A3.400-F2	MO132-6.3	Manual motor starter 6.3A		ABB	/24.1	1	
165	+A3.400-F2	S1-M3-25	3-phase feeder terminal UL		ABB	/L-31.1	1	
166	+A3.400-F2.1	TF42-5.7	Thermal relay electr. 4,2-5,7A		ABB	/24.4	1	
167	+A3.400-F2.2	TF42-1.7	Thermal relay electr. 1.3 - 1.7A		ABB	/24.1	1	
168	+A3.400-F3	HKF1-11	Contact block 1NO+1NC HKF-11		ABB	/25.5	1	
169	+A3.400-F3	MO132-6.3	Manual motor starter 6.3A		ABB	/24.5	1	
170	+A3.400-F3.1	TF42-5.7	Thermal relay electr. 4,2-5,7A		ABB	/24.8	1	
171	+A3.400-F3.2	TF42-1.7	Thermal relay electr. 1.3 - 1.7A		ABB	/24.5	1	
172	+A3.400-M1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/23.2	1	
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+A3/C-3		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						+A3/C-5

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
173	+A3.400-Q1.1	AF26-30-00-13	Contactor 3P 26A 100-250V AC/DC Pz2		ABB	/26.1	1
174	+A3.400-Q1.2	AF26-30-11-13	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/26.5	1
175	+A3.400-Q1.3	AF26-30-11-13	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/26.3	1
176	+A3.400-Q2.1	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.1	1
177	+A3.400-Q2.2	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.7	1
178	+A3.400-Q2.2	CA5-01	Contact block 1B	A9B00017556	ABB	/27.1	1
179	+A3.400-Q2.3	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.3	1
180	+A3.400-Q2.3	CA5-01	Contact block 1B	A9B00017556	ABB	/27.7	1
181	+A3.400-Q3.1	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.4	1
182	+A3.400-Q3.2	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.9	1
183	+A3.400-Q3.2	CA5-01	Contact block 1B	A9B00017556	ABB	/27.4	1
184	+A3.400-Q3.3	AF09-30-10-13	Contactor 3P 100-250V AC/DC 1S	A9B10082556	ABB	/27.6	1
185	+A3.400-Q3.3	CA5-01	Contact block 1B	A9B00017556	ABB	/27.9	1
186	+A3.400-W1	06040045	Cable 7G1.5 LS0H H07BN4-F T1000	A9B00030117	Draka	/23.2	1
187	+A3.400-W2	06040045	Cable 7G1.5 LS0H H07BN4-F T1000	A9B00030117	Draka	/24.1	1
188	+A3.400-W3	06040045	Cable 7G1.5 LS0H H07BN4-F T1000	A9B00030117	Draka	/24.5	1
189	+A3.400-X1	209-190	Separating wall 3mm		Wago	/23.6	7
190	+A3.400-X1	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/23.2	6
191	+A3.400-X1	2002-2237	Double deck terminal block		Wago	/23.2	1
192	+A3.400-X2	209-190	Separating wall 3mm		Wago	/24.4	7
193	+A3.400-X2	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/24.1	6
194	+A3.400-X2	2002-2237	Double deck terminal block		Wago	/24.4	1
195	+A3.400-X3	209-190	Separating wall 3mm		Wago	/24.5	7
196	+A3.400-X3	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/24.5	6
197	+A3.400-X3	2002-2237	Double deck terminal block		Wago	/24.8	1
198	+A3.401-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/30.1	1
199	+A3.401-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/30.7	1
200	+A3.401-K1	MY4N-D2-24DC	Relay 4P 24VDC w/cross/L	A9B00019259	Omron	/32.1	1
201	+A3.401-K1	SY4S02F1	Clamp f/4P relay	A9B10084497	Omron	/32.1	1
202	+A3.401-K1	SY4S05C	Socket f/4P relay	A9B00017400	Izumi	/32.1	1
203	+A3.401-K2	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/32.3	1
204	+A3.401-K2	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/32.3	1
205	+A3.401-K2	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/32.3	-
206	+A3.401-K2	SJ1S-07L	Socket f/1P Relay		Idec	/32.3	-
207	+A3.401-K3	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/32.5	1
208	+A3.401-K3	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/32.5	1
209	+A3.401-K3	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/32.5	-
210	+A3.401-K3	SJ1S-07L	Socket f/1P Relay		Idec	/32.5	-
211	+A3.401-K4	G2R-1-SN-230AC	Relay 1P 230VAC w/LED	A9B00017405	Omron	/28.2	1
212	+A3.401-K4	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/28.1	1
213	+A3.401-K4	RJ1S-CL-A230	Relay 1P 230AC 12A w/LED		Idec	/28.1	-
214	+A3.401-K4	SJ1S-07L	Socket f/1P Relay		Idec	/28.1	-
215	+A3.401-K4.F1	RC-LED-3	RC-coupl.0.1UF/100R FLU/bushes FLU/Endferrules	A9B00017533	VARIOUS	/28.2	1
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Components list

	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
216	+A3.401-K5	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/32.8	1
217	+A3.401-K5	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/32.8	1
218	+A3.401-K5	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/32.8	-
219	+A3.401-K5	SJ1S-07L	Socket f/1P Relay		Idec	/32.8	-
220	+A3.401-W1	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/30.1	1
221	+A3.401-W2.1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/30.3	1
222	+A3.401-W2.2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/30.5	1
223	+A3.401-W4	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/30.7	1
224	+A3.401-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/30.1	1
225	+A3.401-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/30.1	1
226	+A3.401-X2	2004-1301	3-Conductor through terminal		Wago	/30.3	4
227	+A3.401-X2	2004-1392	End and intermediate plate		Wago	/30.3	1
228	+A3.401-X4	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/30.7	1
229	+A3.401-X4	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/30.7	1
230	+A3.402-F1	MO132-6.3	Manual motor starter 6.3A		ABB	/33.2	1
231	+A3.402-Q1	AF09-30-10-13	Contactoer 3P 100-250V AC/DC 1S	A9B10082556	ABB	/33.6	1
232	+A3.402-W1	06040030	Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/33.2	1
233	+A3.402-W2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/34.2	1
234	+A3.402-X1	209-190	Separating wall 3mm		Wago	/33.1	4
235	+A3.402-X1	2002-2201/0057-0000	2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/33.2	3
236	+A3.402-X1	2002-2237	Double deck terminal block		Wago	/33.2	1
237	+A3.402-X1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/33.2	1
238	+A3.402-X2	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/34.2	1
239	+A3.402-X2	2002-2292	End and intermediate plate		Wago	/34.3	1
240	+A3.404-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/35.1	1
241	+A3.404-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/35.4	1
242	+A3.404-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/35.7	1
243	+A3.404-W1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/35.1	1
244	+A3.404-W2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/35.4	1
245	+A3.404-W3	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/35.7	1
246	+A3.404-W4	05990044	Cable 7G1.5 Lihch Datax	A9B00019748	Draka	/36.0	1
247	+A3.404-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/35.1	1
248	+A3.404-X1	2002-2292	End and intermediate plate		Wago	/35.1	1
249	+A3.404-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/35.4	1
250	+A3.404-X2	2002-2292	End and intermediate plate		Wago	/35.4	1
251	+A3.404-X3	2002-2231	Double deck terminal block	A9B10077638	Wago	/35.7	1
252	+A3.404-X3	2002-2292	End and intermediate plate		Wago	/35.7	1
253	+A3.404-X4	2002-402	Push-in Jumper Bars 2-way		Wago	/L-26.3	2
254	+A3.404-X4	2002-2231	Double deck terminal block	A9B10077638	Wago	/36.1	3
255	+A3.404-X4	2002-2237	Double deck terminal block		Wago	/36.2	1
256	+A3.404-X4	2002-2292	End and intermediate plate		Wago	/36.2	1
257	+A3.405-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/30.3	1
258	+A3.405-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/30.5	1



kk-responsible

2014-05-28

ZCD-no:

JASOE/mebie

V3040A300

1040046

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

COMPONENTS LIST

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Components list

	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.	
259	+A3.405-Q1.1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/37.0	1	
260	+A3.405-Q1.2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/37.2	1	
261	+A3.405-Q1.3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/37.4	1	
262	+A3.405-Q1.4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/37.6	1	
263	+A3.405-Q1.5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/37.8	1	
264	+A3.405-W1.1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/37.0	1	
265	+A3.405-W1.2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/37.2	1	
266	+A3.405-W1.3	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/37.4	1	
267	+A3.405-W1.4	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/37.6	1	
268	+A3.405-W1.5	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/37.8	1	
269	+A3.405-X1	2002-405	Push-in type jumper bar 5-way		Wago	/L-24.1	1	
270	+A3.405-X1	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/37.0	5	
271	+A3.405-X1	2002-2292	End and intermediate plate		Wago	/37.0	1	
272	+A3.408-K1	PNOZ-X2.1	Emergency stop relay 24VAC/DC	A9B00018383	Pilz	/38.3	1	
273	+A3.409-W1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/39.0	1	
274	+A3.409-X1	2002-402	Push-in Jumper Bars 2-way		Wago	/L-26.5	1	
275	+A3.409-X1	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/39.7	1	
276	+A3.409-X1	2002-2292	End and intermediate plate		Wago	/39.7	1	
277	+A3.409-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/39.0	16	
278	+A3.409-X1	2002-3237	Triple deck terminal block		Wago	/39.6	1	
279	+A3.409-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/39.0	1	
280	+A3.509-W1	05990044	Cable 7G1.5 Lihch Datax	A9B00019748	Draka	/40.2	1	
281	+A3.509-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/40.2	3	
282	+A3.509-X1	2002-2257	2 deck-Conductor		Wago	/40.3	1	
283	+A3.509-X1	2002-2292	End and intermediate plate		Wago	/40.2	1	
284	+A3.509-X1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/40.2	1	
285	+A3.601-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/44.5	1	
286	+A3.601-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.1	1	
287	+A3.601-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.2	1	
288	+A3.601-B4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.3	1	
289	+A3.601-B5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.4	1	
290	+A3.601-B6	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.5	1	
291	+A3.601-B7	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.6	1	
292	+A3.601-B8	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.8	1	
293	+A3.601-B9	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.9	1	
294	+A3.601-K1	V301-2	WTC-3 main Computer II		KK-electronic	/4.4	1	
295	+A3.601-K1.F1	2183.15	Fuse 3.15AT 5X20	A9B00017394	Littelfuse	/1.8	1	
296	+A3.601-K1.F2	2183.15	Fuse 3.15AT 5X20	A9B00017394	Littelfuse	/1.8	1	
297	+A3.601-K2	V302-1	WTC-3 I/O-1 mod.		KK-electronic	/5.0	1	
298	+A3.601-K2.F1	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/2.1	1	
299	+A3.601-K2.F2	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/2.1	1	
300	+A3.601-K3	V302-1	WTC-3 I/O-1 mod.		KK-electronic	/5.0	1	
301	+A3.601-K3.F1	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/4.1	1	
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302	+A3.601-K3.F2	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/4.1	1
303	+A3.601-K4	V302-1	WTC-3 I/O-1 mod.		KK-electronic	/5.3	1
304	+A3.601-K4.F1	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/6.1	1
305	+A3.601-K4.F2	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/6.1	1
306	+A3.601-K5	V302-1	WTC-3 I/O-1 mod.		KK-electronic	/5.7	1
307	+A3.601-K5.F1	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/8.1	1
308	+A3.601-K5.F2	218005	Fuse 5AT 5X20	A9B00017395	Littelfuse	/8.1	1
309	+A3.601-K6	R20-20-230V	Installation contactor 2NO	A9B10038537	B&J	/42.2	1
310	+A3.601-K7	G2R-1-SN-230AC	Relay 1P 230VAC w/LED	A9B00017405	Omron	/42.5	1
311	+A3.601-K7	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/42.5	1
312	+A3.601-K7	RJ1S-CL-A230	Relay 1P 230AC 12A w/LED		Iddec	/42.5	-
313	+A3.601-K7	SJ1S-07L	Socket f/1P Relay		Iddec	/42.5	-
314	+A3.601-K7.F1	RC-LED-3	RC-coupl.0.1UF/100R FLU/bushes FLU/Endferrules	A9B00017533	VARIOUS	/42.5	1
315	+A3.601-K8	G2R-1-SN-230AC	Relay 1P 230VAC w/LED	A9B00017405	Omron	/42.8	1
316	+A3.601-K8	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/42.7	-
317	+A3.601-K8	RJ1S-CL-A230	Relay 1P 230AC 12A w/LED		Iddec	/42.7	-
318	+A3.601-K8	SJ1S-07L	Socket f/1P Relay		Iddec	/42.7	1
319	+A3.601-K8.F1	RC-LED-3	RC-coupl.0.1UF/100R FLU/bushes FLU/Endferrules	A9B00017533	VARIOUS	/42.8	1
320	+A3.601-K9	NOT_KK_DEL	Not delivered by kk		VARIOUS	/45.1	1
321	+A3.601-K9	NOT_KK_DEL	Not delivered by kk		VARIOUS	/43.1	1
322	+A3.601-S1	M10HEA1+SV1	Switch w/SV1 joint 1P 0-1 handle grey/black	A9B00202777	Telux	/42.5	1
323	+A3.601-T1	V353-1	WTC-3 ST fib. interface Can		KK-electronic	/64.2	1
324	+A3.601-T2	V124-1	Fiber Optic Transmitter&Sender	A9B00031076	KK-electronic	/64.5	1
325	+A3.602-B1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/46.1	1
326	+A3.602-B1	KTS01147.9-00	Thermostat 0-60C NO	A9B00017535	Stego	/46.1	1
327	+A3.602-B2	9708/2S35	End stop reinforced	A9B00083081	Wieland	/46.2	1
328	+A3.602-B2	KTS01147.9-00	Thermostat 0-60C NO	A9B00017535	Stego	/46.2	1
329	+A3.602-B3	9708/2S35	End stop reinforced	A9B00083081	Wieland	/46.7	1
330	+A3.602-B3	KTO01146.9-00	Thermostat 0-60C NC,	A9B00017335	Stego	/46.7	1
331	+A3.602-B4	KTO01146.9-00	Thermostat 0-60C NC,	A9B00017335	Stego	/46.5	1
332	+A3.602-E1	CS130060.0-01	Heating element 230V 1200W		Stego	/46.5	1
333	+A3.602-E2	HGL04635-250W-230V	Heating element 250A w/fan		Stego	/46.7	1
334	+A3.602-G1	PF3000230AC-7035	Filter fan 230VAC 255 m3 RAL7035 Gen.3	A9B00075062	Pfannenber	/46.1	1
335	+A3.602-G2	PF3000230AC-7035	Filter fan 230VAC 255 m3 RAL7035 Gen.3	A9B00075062	Pfannenber	/46.2	1
336	+A3.602-G3	PF3000230AC-7035	Filter fan 230VAC 255 m3 RAL7035 Gen.3	A9B00075062	Pfannenber	/46.3	1
337	+A3.603-B1	HSR16RH	Moisture sensor with long immersion tube	A9B00082092	Comac	/48.2	1
338	+A3.603-B2	9708/2S35	End stop reinforced	A9B00083081	Wieland	/42.3	1
339	+A3.603-B2	01131.0-01	Termostat ETR011 -20-+60grC 230VAC	A9B10043151	Stego	/42.2	1
340	+A3.603-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/49.1	1
341	+A3.603-B4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/49.3	1
342	+A3.603-B101	0687900000	Bracket f.TS35 Dinrail M4 FM4/TS35		Weidmüller	/49.6	1
343	+A3.603-B101	1692261001	Clamp for Shield KLBU 3-8 SC		Weidmüller	/49.6	1
344	+A3.603-B101	PS01099-6	Sensor PT100 6M Ø6x60mm	A9B00017802	Senmatic	/49.5	1
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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
345	+A3.603-B102	0687900000	Bracket f.TS35 Dinrail M4 FM4/TS35		Weidmüller	/49.8	1
346	+A3.603-B102	1692261001	Clamp for Shield KLBÜ 3-8 SC		Weidmüller	/49.8	1
347	+A3.603-B102	PS01099-6	Sensor PT100 6M Ø6x60mm	A9B00017802	Senmatic	/49.7	1
348	+A3.603-K1	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/47.4	1
349	+A3.603-K1	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/47.3	1
350	+A3.603-K1	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/47.4	-
351	+A3.603-K1	SJ1S-07L	Socket f/1P Relay		Idec	/47.4	-
352	+A3.603-K2	280-608	Base term.4P		Wago	/47.1	1
353	+A3.603-K2	286-791	Optocoupler 24-60VDC	A9B00300151	Wago	/47.1	1
354	+A3.603-K2	9708/2S35	End stop reinforced	A9B00083081	Wieland	/47.1	2
355	+A3.603-W1	05990074	Cable 4X0.5 Lihch Datax	19688	Draka	/43.1	1
356	+A3.603-W2	05990040	Cable 3G1 Lihch Datax		Draka	/48.6	1
357	+A3.603-W3	DEL_W_COMP	Delivered with component		VARIOUS	/49.1	1
358	+A3.603-W4	DEL_W_COMP	Delivered with component		VARIOUS	/49.3	1
359	+A3.603-W5	0037802	Cable 2X1 Lihch		LAPP	/48.2	-
360	+A3.603-W6	05990067	Cable 3X0.5 Lihch Datax		Draka	/47.7	1
361	+A3.603-W101	DEL_W_COMP	Delivered with component		VARIOUS	/49.5	1
362	+A3.603-W102	DEL_W_COMP	Delivered with component		VARIOUS	/49.7	1
363	+A3.603-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/47.1	2
364	+A3.603-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/47.1	1
365	+A3.603-X2	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/48.6	1
366	+A3.603-X2	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/48.6	1
367	+A3.603-X2	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/48.5	1
368	+A3.603-X3	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/49.1	1
369	+A3.603-X3	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/49.0	1
370	+A3.603-X4	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/49.3	1
371	+A3.603-X4	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/49.2	1
372	+A3.603-X4	9708/2S35	End stop reinforced	A9B00083081	Wieland	/49.2	1
373	+A3.603-X5	2002-2231	Double deck terminal block	A9B10077638	Wago	/48.2	1
374	+A3.603-X5	2002-2292	End and intermediate plate		Wago	/48.1	1
375	+A3.603-X5	9708/2S35	End stop reinforced	A9B00083081	Wieland	/48.1	1
376	+A3.603-X6	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/47.7	1
377	+A3.603-X6	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/47.7	1
378	+A3.607-F1	S201U-C10	MCB 240V 1P 10A C-curv, UL489		ABB	/53.4	1
379	+A3.607-K1	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/50.6	1
380	+A3.607-K1	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/50.6	1
381	+A3.607-K1	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/50.6	-
382	+A3.607-K1	SJ1S-07L	Socket f/1P Relay		Idec	/50.6	-
383	+A3.607-K2	MY4N-D2-24DC	Relay 4P 24VDC w/cross/L	A9B00019259	Omron	/51.1	1
384	+A3.607-K2	SY4S02F1	Clamp f/4P relay	A9B10084497	Omron	/51.1	1
385	+A3.607-K2	SY4S05C	Socket f/4P relay	A9B00017400	Izumi	/51.1	1
386	+A3.607-S1	M10HEST023	Step selector 3P 0-1-2		Telux	/50.3	1
387	+A3.607-S2	ZB4BD5	Rotary clutch 1>0<2	A9B00202773	Telemecanique	/50.1	1

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+A3/C-8		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.					+A3/C-10	

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.	
388	+A3.607-S2	ZB4BZ103	Aux.contact 2S	A9B00017341	Telemecanique	/50.1	1	
389	+A3.607-S2	ZBE101	Aux.contact 1S	A9B00017941	Telemecanique	/50.6	2	
390	+A3.607-S3	ZB4BD2	Rotary clutch 0-1		Telemecanique	/19.1	1	
391	+A3.607-S3	ZB4BZ101	Aux.contact 1S	A9B00052588	Telemecanique	/19.1	1	
392	+A3.607-W1	05990045	Cable 12G1 Lihch Datax	A9B00019694	Draka	/51.2	-	
393	+A3.607-W1	05990051	Cable 12G1.5 Lihch Datax	A9B00019732	Draka	/1.1	-	
394	+A3.607-W4	05990048	Cable 3G1.5 Lihch Datax	30115	Draka	/53.4	1	
395	+A3.607-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/51.3	1	
396	+A3.607-X1	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/51.4	1	
397	+A3.607-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/51.5	1	
398	+A3.607-X2	2002-402	Push-in Jumper Bars 2-way		Wago	/L-27.2	2	
399	+A3.607-X2	2002-404	Push-in Jumper Bars 4-way		Wago	/L-27.2	1	
400	+A3.607-X2	2002-2211/1000-410	Double deck diode terminal block with diode 1N4007		Wago	/52.2	4	
401	+A3.607-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/52.5	2	
402	+A3.607-X2	2002-2237	Double deck terminal block		Wago	/52.6	1	
403	+A3.607-X2	2002-2292	End and intermediate plate		Wago	/52.1	1	
404	+A3.607-X3	2002-433	Push-in type jumper bar 2-way		Wago	/L-27.2	1	
405	+A3.607-X3	2002-1401	4-conductor 2.5-4mm2		Wago	/53.2	2	
406	+A3.607-X3	2002-1492	End and intermediate plate		Wago	/53.2	1	
407	+A3.607-X4	2002-1401	4-conductor 2.5-4mm2		Wago	/53.4	2	
408	+A3.607-X4	2002-1407	4-conductor 2.5-4mm2		Wago	/53.4	1	
409	+A3.607-X4	2002-1492	End and intermediate plate		Wago	/53.4	1	
410	+A3.607-X4A	NOT_KK_DEL	Not delivered by kk		VARIOUS	/53.4	1	
411	+A3.608-B1	774540	Emergency relay PNOZXV3	A9B00018030	Pilz	/56.1	1	
412	+A3.608-B2	04645	Detector Smoke Optical S65, 55000-317	A9B00083161	VARIOUS	/58.1	1	
413	+A3.608-B2	45681-245	Socket f/detector w/relay S65 (05700 former 05705)	A9B00083162	VARIOUS	/58.2	1	
414	+A3.608-B3	04645	Detector Smoke Optical S65, 55000-317	A9B00083161	VARIOUS	/58.3	1	
415	+A3.608-B3	45681-245	Socket f/detector w/relay S65 (05700 former 05705)	A9B00083162	VARIOUS	/58.4	1	
416	+A3.608-B4	NOT_KK_DEL	Not delivered by kk		VARIOUS	/55.5	1	
417	+A3.608-B7	04645	Detector Smoke Optical S65, 55000-317	A9B00083161	VARIOUS	/58.6	1	
418	+A3.608-B7	45681-245	Socket f/detector w/relay S65 (05700 former 05705)	A9B00083162	VARIOUS	/58.6	1	
419	+A3.608-K4	G7SA-3A1B-24VDC	Safety relay 3PNO +1 NC		Omron	/56.3	1	
420	+A3.608-K4	P7SA-10F-ND-D-24VDC	Socket for relay G7SA		Omron	/56.2	1	
421	+A3.608-K5	G7SA-3A1B-24VDC	Safety relay 3PNO +1 NC		Omron	/56.4	1	
422	+A3.608-K5	P7SA-10F-ND-D-24VDC	Socket for relay G7SA		Omron	/56.3	1	
423	+A3.608-K6	G2R-1-SN-230AC	Relay 1P 230VAC w/LED	A9B00017405	Omron	/56.7	1	
424	+A3.608-K6	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/56.7	1	
425	+A3.608-K6	RJ1S-CL-A230	Relay 1P 230AC 12A w/LED		Idec	/56.6	-	
426	+A3.608-K6	SJ1S-07L	Socket f/1P Relay		Idec	/56.6	-	
427	+A3.608-K6.F1	RC-LED-3	RC-coupl.0.1UF/100R FLU/bushes FLU/Endferrules	A9B00017533	VARIOUS	/56.7	1	
428	+A3.608-K7	MY4N-CR220/240AC(S)	MY4N-CR220/240AC(S)		Omron	/57.6	1	
429	+A3.608-K7	SY4S02F1	Clamp f/4P relay	A9B10084497	Omron	/57.6	1	
430	+A3.608-K7	SY4S05C	Socket f/4P relay	A9B00017400	Izumi	/57.6	1	
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		2014-05-28				COMPONENTS LIST		+A3
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+A3/C-9				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A3/C-11

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
431	+A3.608-K8	G2R-2-SN-230AC	Relay 2P 230VAC w/LED	A9B00017404	Omron	/55.2	1
432	+A3.608-K8	P2RF-08-E	Socket f/G2R-2	A9B00017969	Omron	/55.1	1
433	+A3.608-Q1	AF145-30-11-70	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/56.4	1
434	+A3.608-Q2	AF145-30-11-70	Contactor 3P 100-250V AC/DC 1S 1B		ABB	/56.5	1
435	+A3.608-Q3	S803W-SCL100-SR	Self-resetting short-circuit limiter UL		ABB	/59.1	1
436	+A3.608-W2	05990145	Cable 2X1.5 Lihch Datax	30563	Draka	/57.1	1
437	+A3.608-W2.1	05990145	Cable 2X1.5 Lihch Datax	30563	Draka	/4.2	1
438	+A3.608-W4	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/4.8	1
439	+A3.608-W6.1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/55.4	1
440	+A3.608-W6.2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/55.6	1
441	+A3.608-W6.3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/55.7	1
442	+A3.608-W7	NOT_KK_DEL	Not delivered by kk		VARIOUS	/58.5	1
443	+A3.608-X2	2002-1201	2-conductor 2.5-4mm2		Wago	/57.1	2
444	+A3.608-X2	2002-1292	End and intermediate plate		Wago	/57.1	1
445	+A3.608-X3	2002-1201	2-conductor 2.5-4mm2		Wago	/57.3	2
446	+A3.608-X3	2002-1292	End and intermediate plate		Wago	/57.3	1
447	+A3.608-X4	2002-1201	2-conductor 2.5-4mm2		Wago	/57.5	2
448	+A3.608-X4	2002-1292	End and intermediate plate		Wago	/57.5	1
449	+A3.608-X5	2002-1201	2-conductor 2.5-4mm2		Wago	/55.2	2
450	+A3.608-X5	2002-1292	End and intermediate plate		Wago	/55.2	1
451	+A3.608-X6	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/55.4	1
452	+A3.608-X6	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/55.6	2
453	+A3.608-X6	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/55.8	1
454	+A3.608-X7	2002-1401	4-conductor 2.5-4mm2		Wago	/58.6	3
455	+A3.608-X7	2002-1492	End and intermediate plate		Wago	/58.6	1
456	+A3.609-F1.1	MO132-6.3	Manual motor starter 6.3A		ABB	/60.1	1
457	+A3.609-F2	S201U-C10	MCB 240V 1P 10A C-curv, UL489		ABB	/60.3	1
458	+A3.609-F3	MO132-1.6	Manual motor starter 1.6A		ABB	/60.5	1
459	+A3.609-F4	S203U-C10	MCB 240V 3P 10A C-curv, UL489		ABB	/60.5	1
460	+A3.609-F5	S201U-C6	MCB 240V 1P 6A C-curv, UL489		ABB	/60.8	1
461	+A3.609-F6	S201U-C10	MCB 240V 1P 10A C-curv, UL489		ABB	/61.2	1
462	+A3.609-F7	F202A-25/0.03	HPFI Relay 25A 2P	A9B10076809	ABB	/62.2	1
463	+A3.609-F8	S201K16	Circuit break.m.1P K16A		ABB	/62.5	1
464	+A3.609-K1	3RT1017-1JB41	Contactor 12A 17-30VDC 3S+1S	A9B00017425	Siemens	/61.5	1
465	+A3.609-M1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/63.1	1
466	+A3.609-Q1	OT125FT3	Switch disconnecter 125A 3P	A9B10025155	ABB	/59.1	1
467	+A3.609-S1	M10HEA10+SV4	Build-in SW w/SV4 joint		Telux	/63.4	1
468	+A3.609-T1	KK100-UI150/103-D	Trafo 690V/230V 50Hz 4000VA Double coated	A9B00080491	KK-electronic	/60.1	1
469	+A3.609-T1.F1	B72220S0421K101	Varistor 420V RMS	A9B00017467	Epcos	/60.1	1
470	+A3.609-T2	3UI90/30-7729	Trafo 3X690/3X19.2V 417VA UL 50/60 Hz CE/UL	A9B00400927	Kohsel	/60.5	1
471	+A3.609-T3	36MT120	Bridge circuit 1200V/36A 3-ph.	A9B00202819	IR	/60.7	1
472	+A3.609-T4	KK125-120/42-D	Trafo 230/29V 240VA 50/60Hz	A9B10014551	KK-electronic	/61.1	1
473	+A3.609-T5	KBPC3506	Bridge Rectifier 35A/600V	A9B00202818	LITEON/FAGOR	/61.1	1
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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.	
474	+A3.609-T6	2866310	Power Supply 24DC 5A	A9B10043077	Phoenix	/61.3	1	
475	+A3.609-T6	S8VM-10024CD	Power supply 100-240/24 4.5A	A9B00052141	Omron	/61.3	-	
476	+A3.609-T7	2866310	Power Supply 24DC 5A	A9B10043077	Phoenix	/61.7	1	
477	+A3.609-T7	S8VM-10024CD	Power supply 100-240/24 4.5A	A9B00052141	Omron	/61.7	-	
478	+A3.609-T8	KK124-150/50-D	Trafo 230/32V 530VA 50/60Hz	A9B10014550	KK-electronic	/62.5	1	
479	+A3.609-W1	06040020	Cable 3G1.5 LS0H H07RN-F Tarmo	A9B00030498	Draka	/63.1	1	
480	+A3.609-W2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/60.7	1	
481	+A3.609-W4	06040020	Cable 3G1.5 LS0H H07RN-F Tarmo	A9B00030498	Draka	/78.4	1	
482	+A3.609-W5	05990048	Cable 3G1.5 Lihch Datax	30115	Draka	/78.6	-	
483	+A3.609-X2	2002-1201	2-conductor 2.5-4mm2		Wago	/60.7	2	
484	+A3.609-X2	2002-1292	End and intermediate plate		Wago	/60.8	1	
485	+A3.609-X3	2004-1301	3-Conductor through terminal		Wago	/62.2	2	
486	+A3.609-X3	2004-1307	3-Conductor earth terminal		Wago	/62.2	1	
487	+A3.609-X3	2004-1392	End and intermediate plate		Wago	/62.2	1	
488	+A3.609-X4	2002-1201	2-conductor 2.5-4mm2		Wago	/78.4	2	
489	+A3.609-X4	2002-1207	2-Conductor Earth	A9B10068599	Wago	/78.4	1	
490	+A3.609-X4	2002-1292	End and intermediate plate		Wago	/78.4	1	
491	+A3.609-X5	2002-2231	Double deck terminal block	A9B10077638	Wago	/78.6	1	
492	+A3.609-X5	2002-2237	Double deck terminal block		Wago	/78.6	1	
493	+A3.609-X5	2002-2292	End and intermediate plate		Wago	/78.6	1	
494	+A3.609-X6	2002-402	Push-in Jumper Bars 2-way		Wago	/L-23.3	3	
495	+A3.609-X6	2002-1401	4-conductor 2.5-4mm2		Wago	/63.3	16	
496	+A3.609-X6	2002-1407	4-conductor 2.5-4mm2		Wago	/63.6	1	
497	+A3.609-X6	2002-1492	End and intermediate plate		Wago	/63.2	1	
498	+A3.610-T1	851002	Cisco IE3000 Nacelle Bundle SWP Config	A9B10049967	Netdesign A/S	/68.1	1	
499	+A3.610-W2	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/65.4	1	
500	+A3.610-W3	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/67.4	1	
501	+A3.610-W3	10991003	Cable CANbus 2X2X0.22 PUR M-3 LI-2YC11Y	19768	Draka	/1.1	1	
502	+A3.610-W4	05990303	Cable 3X2X0.5 Lihch Datax P P	A9B00030109	Draka	/5.8	1	
503	+A3.610-W101	0-0349580-3	Patchcable ST-SC 62.5MY 3m		VARIOUS	/64.1	1	
504	+A3.610-W102	0-0349578-3	Patchkabel SC-SC 62,5MY 3m (Replaced by 0-5349578-3)		VARIOUS	/64.2	1	
505	+A3.610-W104	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/65.0	1	
506	+A3.610-W105	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/65.4	1	
507	+A3.610-W106	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/66.0	1	
508	+A3.610-W107	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/66.4	1	
509	+A3.610-W108	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/67.0	1	
510	+A3.610-W109	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/67.4	1	
511	+A3.610-W110	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.2	1	
512	+A3.610-W111	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.4	1	
513	+A3.610-W112	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.6	1	
514	+A3.610-W113	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.4	1	
515	+A3.610-W114	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.3	1	
516	+A3.610-W115	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.3	1	
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+A3/C-11				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A3/C-13

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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
517	+A3.610-W116	NOT_KK_DEL	Not delivered by kk		VARIOUS	/44.2	1
518	+A3.610-W117	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.8	1
519	+A3.610-W118	0030920	Cable 3X2X0.25 Unitronic FD CP		LAPP	/69.0	1
520	+A3.610-W119	0030920	Cable 3X2X0.25 Unitronic FD CP		LAPP	/69.3	1
521	+A3.610-W120	0-0349580-2	Patch cable ST/SC Duplex MM 2M 62,5	A9B00031057	VARIOUS	/64.4	1
522	+A3.610-W121	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.5	1
523	+A3.610-W122	R5-BS-020	Cable STP 2M (gr.)	A9B00039157	VARIOUS	/68.5	1
524	+A3.610-X1	855-20008	Fibre Adapter SC/SC duplex MM		HellermannTyton	/64.2	8
525	+A3.610-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/65.5	2
526	+A3.610-X2	2002-2237	Double deck terminal block		Wago	/65.6	1
527	+A3.610-X2	2002-2292	End and intermediate plate		Wago	/65.4	1
528	+A3.610-X3	2002-2231	Double deck terminal block	A9B10077638	Wago	/67.5	2
529	+A3.610-X3	2002-2237	Double deck terminal block		Wago	/67.6	1
530	+A3.610-X3	2002-2292	End and intermediate plate		Wago	/67.4	1
531	+A3.610-X4	2002-2231	Double deck terminal block	A9B10077638	Wago	/69.1	3
532	+A3.610-X4	2002-2237	Double deck terminal block		Wago	/69.2	1
533	+A3.610-X4	2002-2292	End and intermediate plate		Wago	/69.3	1
534	+A3.610-X5	SM-24ML-1-D70	Burndy plug pin male	203190	VARIOUS	/69.5	6
535	+A3.610-X5	UTG12DC	Cover Burndy f/UGT128S	A9B00203221	VARIOUS	/69.3	1
536	+A3.610-X6	1479290-1	Modular Coupler Cat. 5E		VARIOUS	/68.3	5
537	+A3.610-X7	1479290-1	Modular Coupler Cat. 5E		VARIOUS	/68.5	1
538	+A3.610-X8	1479290-1	Modular Coupler Cat. 5E		VARIOUS	/68.5	1
539	+A3.610-X9	1479290-1	Modular Coupler Cat. 5E		VARIOUS	/68.5	1
540	+A3.701-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/70.3	1
541	+A3.701-W1	05990062	Cable 12X0.25 Lihch Datax T500	19690	Draka	/70.1	1
542	+A3.701-W2	05990127	Cable 7X1 Lihch Datax	19746	Draka	/71.1	1
543	+A3.701-W3	05990051	Cable 12G1.5 Lihch Datax	A9B00019732	Draka	/71.6	1
544	+A3.701-W4	05990051	Cable 12G1.5 Lihch Datax	A9B00019732	Draka	/72.1	1
545	+A3.701-W101	05990107	Cable 7X0.75 Lihch Datax	19755	Draka	/70.1	1
546	+A3.701-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/70.1	4
547	+A3.701-X1	2002-3237	Triple deck terminal block		Wago	/70.5	1
548	+A3.701-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/70.5	1
549	+A3.701-X2	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/71.2	3
550	+A3.701-X2	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/71.4	1
551	+A3.701-X3	2002-402	Push-in Jumper Bars 2-way		Wago	/L-23.5	2
552	+A3.701-X3	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/71.6	3
553	+A3.701-X3	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/71.8	1
554	+A3.701-X3	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/71.9	1
555	+A3.701-X4	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/72.1	3
556	+A3.701-X4	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/72.3	1
557	+A3.701-X4	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/72.4	1
558	+A3.704-F1	S201U-C6	MCB 240V 1P 6A C-curv, UL489		ABB	/73.7	1
559	+A3.704-F2	S201U-C6	MCB 240V 1P 6A C-curv, UL489		ABB	/73.9	1
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	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
560	+A3.704-W1	05990045	Cable 12G1 Lihch Datax	A9B00019694	Draka	/73.0	1
561	+A3.704-X1	281-340	End barrier f/layer term.4mm2	A9B00083099	Wago	/73.0	1
562	+A3.704-X1	2002-3231	Triple deck terminal block 2.5-4mm2 L/L/L WMB	A9B10040081	Wago	/73.0	2
563	+A3.704-X1	2002-3257	Triple deck terminal block 2.5-4mm2 through/through/throu	A9B10039988	Wago	/73.2	1
564	+A3.704-X1	2002-3292	End and intermediate plate orange	A9B10039989	Wago	/73.0	1
565	+A3.704-X1	281633/665	Vertical term.diode	A9B00083111	Wago	/73.2	2
566	+A3.705-K1	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/75.3	1
567	+A3.705-K1	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/75.3	1
568	+A3.705-K1	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/75.3	-
569	+A3.705-K1	SJ1S-07L	Socket f/1P Relay		Idec	/75.3	-
570	+A3.705-K2	G2R-1-SND-24DC	Relay 1P 24VDC w/LED+Diode	A9B00017418	Omron	/75.5	1
571	+A3.705-K2	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/75.5	1
572	+A3.705-K2	RJ1S-CLD-D24	Relay 1P 24DC 12A W/Led+diode		Idec	/75.5	-
573	+A3.705-K2	SJ1S-07L	Socket f/1P Relay		Idec	/75.5	-
574	+A3.705-K3	G3R-ODX02SN	Solid state rel.4-60VDC 5-24VDC	A9B00017419	Omron	/75.7	1
575	+A3.705-K3	P2RF-05E	Socket f/G2R-1	A9B00017968	Omron	/75.7	1
576	+A3.705-W1	05990051	Cable 12G1.5 Lihch Datax	A9B00019732	Draka	/74.1	1
577	+A3.705-X1	2002-434	Push-in type jumper bar 2-way		Wago	/L-28.3	1
578	+A3.705-X1	2002-435	Push-in type jumper bar 2-way		Wago	/L-28.3	1
579	+A3.705-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/74.1	5
580	+A3.705-X1	2002-2257	2 deck-Conductor		Wago	/74.4	1
581	+A3.705-X1	2002-2292	End and intermediate plate		Wago	/74.4	1
582	+A3.909-R1	MRS25-120R	Resistor 120R 1% 0,6W/350V	A9B00053750	Philips	/76.2	1
583	+A3.909-R2	MRS25-6K81	Resistor 6K81 1% 0,6W/350V		Philips	/76.4	1
584	+A3.909-R3	MRS25-750R	Resistor 750R 1% 0,6W/350V		Philips	/76.2	1
585	+A3.909-T1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/76.0	1
586	+A3.909-T1	2866310	Power Supply 24DC 5A	A9B10043077	Phoenix	/76.1	1
587	+A3.909-T2	V113-5	Interface RS485	A9B00018356	KK-electronic	/76.8	1
588	+A3.909-W10	05990303	Cable 3X2X0.5 Lihch Datax P P	A9B00030109	Draka	/76.2	1
589	+A3.909-W301	0038402	Cable 2X2X0.25 Lihch (TP) Unitronic	A9B00019733	LAPP	/76.5	1
590	+A3.909-X10	2002-435	Push-in type jumper bar 2-way		Wago	/L-28.4	1
591	+A3.909-X10	2002-1401	4-conductor 2.5-4mm2		Wago	/76.2	7
592	+A3.909-X10	2002-1407	4-conductor 2.5-4mm2		Wago	/76.4	1
593	+A3.909-X10	2002-1492	End and intermediate plate		Wago	/76.4	1
594	+A3.909-X10	9708/2S35	End stop reinforced	A9B00083081	Wieland	/76.4	1
595	+A3.909-X12	300.009.006	Plug Sub-D male 9P F/soldering	A9B00052123	VARIOUS	/76.7	1
596	+A3.A9-F1	S201U-C2	MCB 240V 1P 2A C-curv, UL489		ABB	/77.1	1
597	+A3.A9-W1	05990048	Cable 3G1.5 Lihch Datax	30115	Draka	/77.0	1
598	+A3.A9-W2	05990044	Cable 7G1.5 Lihch Datax	A9B00019748	Draka	/77.2	1
599	+A3.A9-W3	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/77.8	1
600	+A3.A9-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/77.0	1
601	+A3.A9-X1	2002-2237	Double deck terminal block		Wago	/77.1	1
602	+A3.A9-X1	2002-2292	End and intermediate plate		Wago	/77.0	1

 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002
		2014-05-28			COMPONENTS LIST	+A3
		Item-no.	ZCD-no:			C-14
	JASOE/mebje	V3040A3002	1040046			

Components list

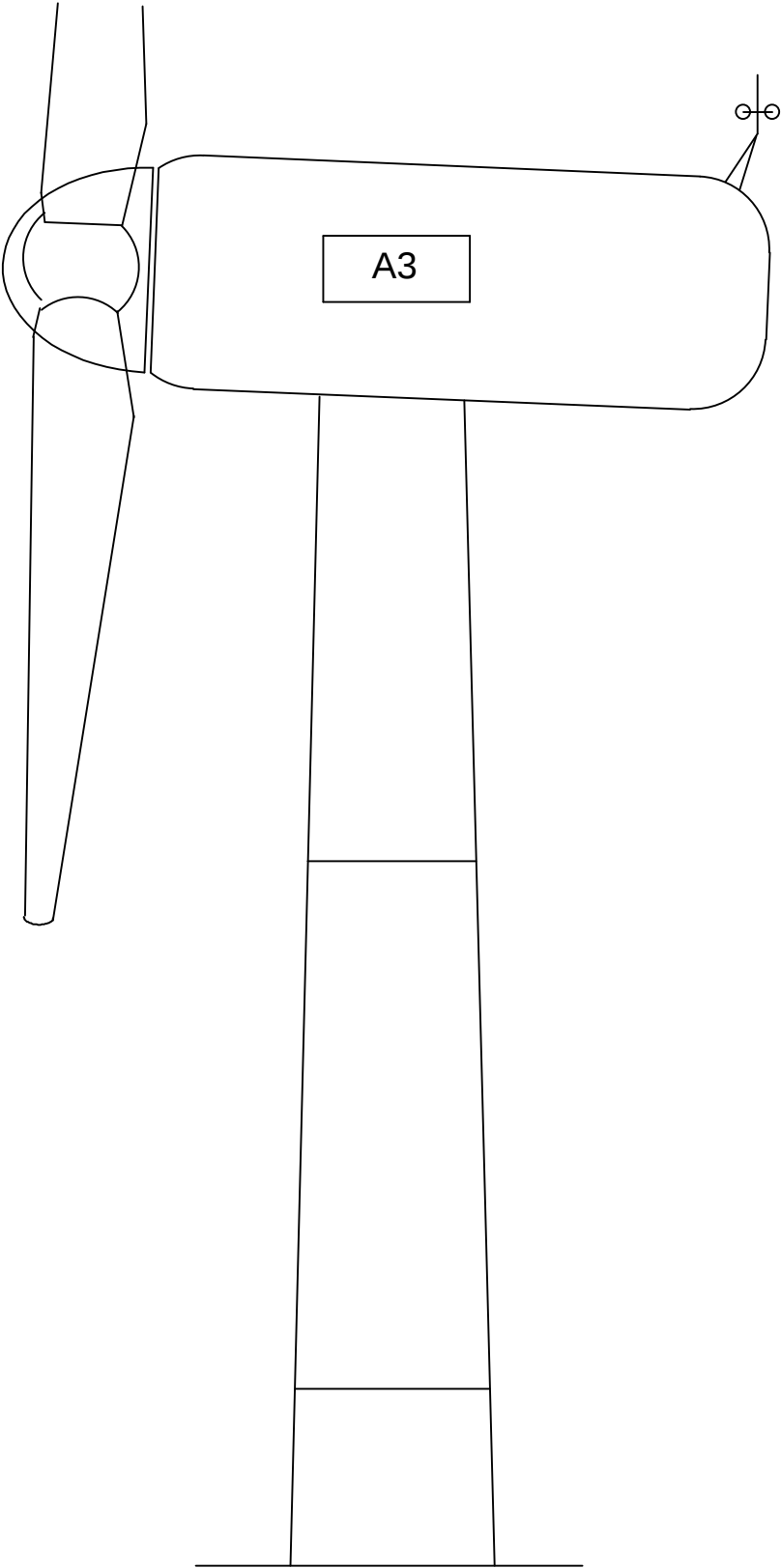
	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.	
603	+A3.A9-X2	2002-403	Push-in type jumper bar 3-way		Wago	/L-24.2	1	
604	+A3.A9-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/77.3	3	
605	+A3.A9-X2	2002-2237	Double deck terminal block		Wago	/77.4	1	
606	+A3.A9-X2	2002-2292	End and intermediate plate		Wago	/77.2	1	
607	+A3.A9-X3	2002-2231	Double deck terminal block	A9B10077638	Wago	/77.8	1	
608	+A3.A9-X3	2002-2292	End and intermediate plate		Wago	/77.8	1	
609	+A3.A14-F1	249-116	End stop f/TS-35 rail	200969	Wago	/78.1	1	
610	+A3.A14-F1	S201U-C6	MCB 240V 1P 6A C-curv, UL489		ABB	/78.2	1	
611	+A3.A14-W1	06040020	Cable 3G1.5 LS0H H07RN-F Tarmo	A9B00030498	Draka	/78.2	1	
612	+A3.A14-W2	05990045	Cable 12G1 Lihch Datax	A9B00019694	Draka	/79.0	1	
613	+A3.A14-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/78.2	1	
614	+A3.A14-X1	2002-2237	Double deck terminal block		Wago	/78.2	1	
615	+A3.A14-X1	2002-2292	End and intermediate plate		Wago	/78.1	1	
616	+A3.A14-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/79.6	4	
617	+A3.A14-X2	2002-2292	End and intermediate plate		Wago	/79.0	1	
618	+A3.A14-X3	2002-2231	Double deck terminal block	A9B10077638	Wago	/80.1	2	
619	+A3.A14-X3	2002-2237	Double deck terminal block		Wago	/80.7	1	
620	+A3.A14-X3	2002-2292	End and intermediate plate		Wago	/80.1	1	
621	+A3.A20-W1	05990048	Cable 3G1.5 Lihch Datax	30115	Draka	/81.0	1	
622	+A3.A20-W2	05990044	Cable 7G1.5 Lihch Datax	A9B00019748	Draka	/81.2	1	
623	+A3.A20-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/81.0	1	
624	+A3.A20-X1	2002-2237	Double deck terminal block		Wago	/81.1	1	
625	+A3.A20-X1	2002-2292	End and intermediate plate		Wago	/81.0	1	
626	+A3.A20-X1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/81.0	1	
627	+A3.A20-X2	2002-2231	Double deck terminal block	A9B10077638	Wago	/81.2	3	
628	+A3.A20-X2	2002-2237	Double deck terminal block		Wago	/81.9	1	
629	+A3.A20-X2	2002-2292	End and intermediate plate		Wago	/81.2	1	
630	+A3.A27-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/82.1	1	
631	+A3.A27-W1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/82.1	1	
632	+A3.A27-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/82.1	2	
633	+A3.A27-X1	2002-2292	End and intermediate plate		Wago	/82.0	1	
634	+A3.A28-W1	0037802	Cable 2X1 Lihch		LAPP	/82.3	1	
635	+A3.A28-X1	2002-402	Push-in Jumper Bars 2-way		Wago	/L-24.4	1	
636	+A3.A28-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/82.4	1	
637	+A3.A28-X1	2002-2292	End and intermediate plate		Wago	/82.3	1	
638	+A3.A29-W1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/82.6	1	
639	+A3.A29-X1	2002-2231	Double deck terminal block	A9B10077638	Wago	/82.6	1	
640	+A3.A29-X1	2002-2292	End and intermediate plate		Wago	/82.6	1	
641	+A3.A47-W1	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/83.3	1	
642	+A3.A47-X1	2002-1401	4-conductor 2.5-4mm2		Wago	/83.3	3	
643	+A3.A47-X1	2002-1492	End and intermediate plate		Wago	/83.2	1	
644	+A3.A62-K1	G2R-2-SND-24DC	Relay 2P 24VDC w/LED+Diode	A9B00017424	Omron	/84.4	1	
645	+A3.A62-K1	P2RF-08-E	Socket f/G2R-2	A9B00017969	Omron	/84.4	1	
kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002	
		2014-05-28			COMPONENTS LIST		+A3	
		kk-responsible	Item-no.		ZCD-no:		C-15	
		JASOE/mebje	V3040A3002		1040046			
+A3/C-14				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A3/C-16

Components list

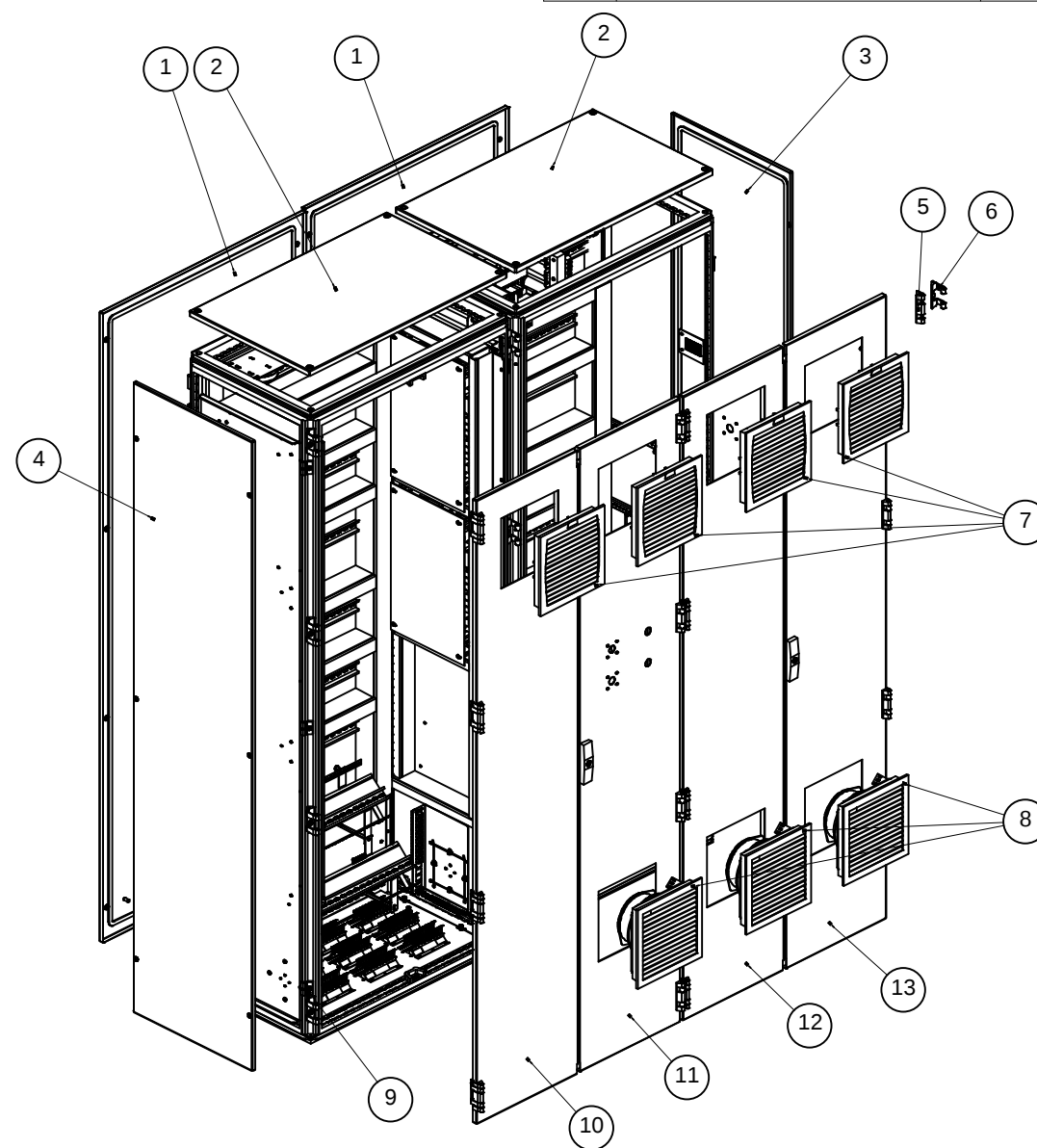
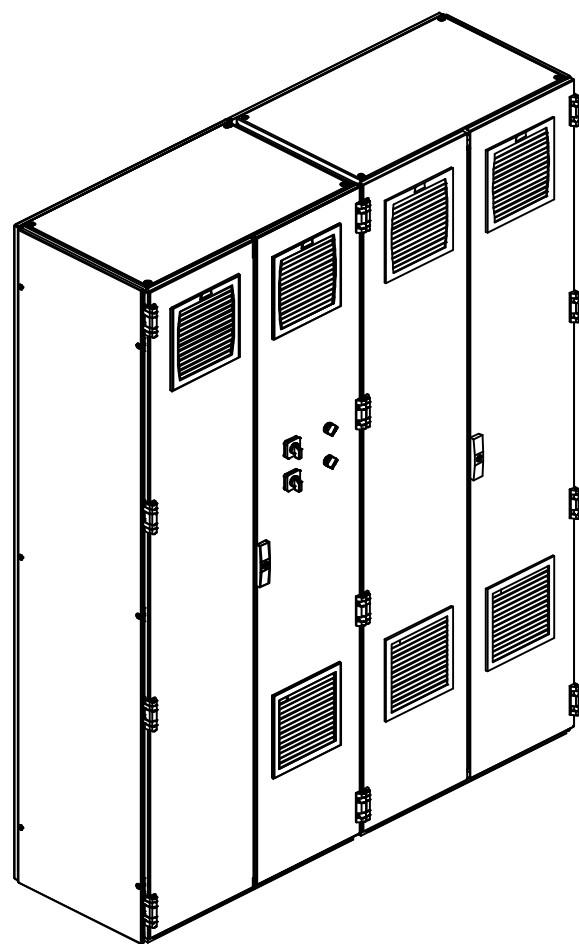
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+A3 NON ELECTRICAL COMPONENTS LIST

非电气元件列表



 kk-electronic a/s +A3/C-16	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002	
		2014-05-28			+A3 NON ELECTRICAL COMPONENTS LIST	+A3	
		kk-responsible	Item-no.			ZCD-no:	+A3 NEC
		JASOE/mebje	V3040A3002			1040046	
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+A3/NEC-1							

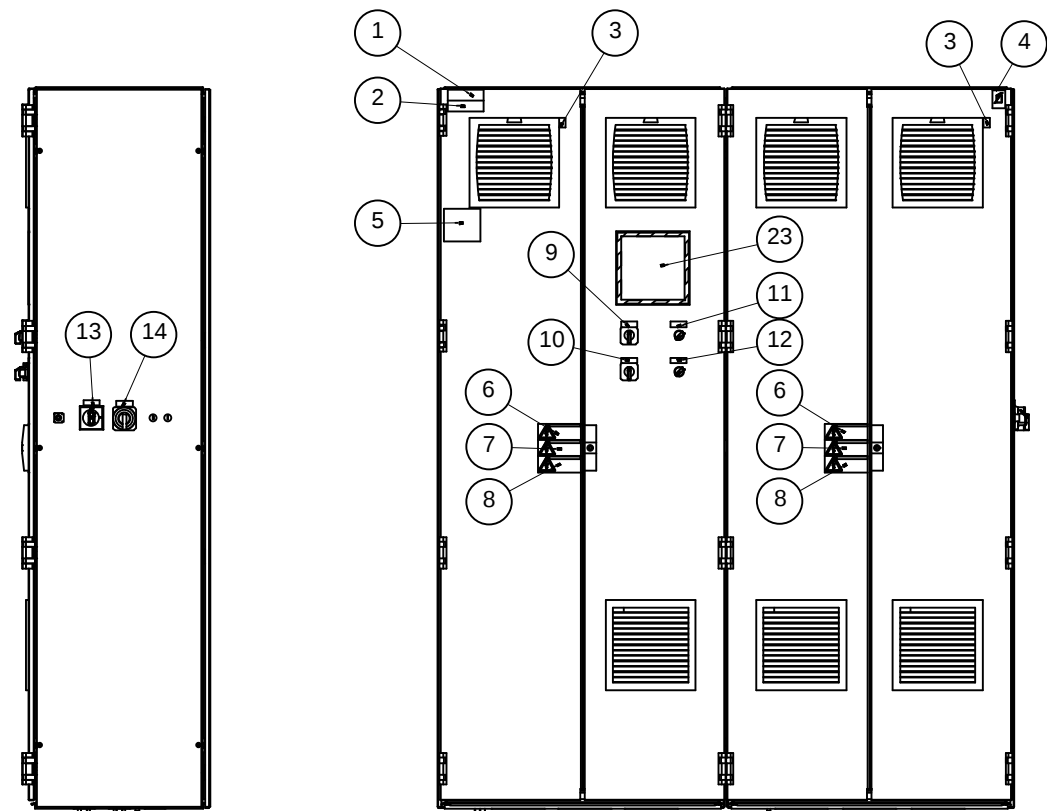


Pos No.:	Type Number:	Item Name:	Qty.:
1	TS-286.350	Rear Panel, Standard	2
2	TS-275.681	Top Panel, Standard	2
3	TS-8105.235-007	Side Panel	1
4	TS-8105.235	Side Panel, Screw-Fastened, Standard	1
5	TS-Hinge 180 deg	TS-Hinge 180 Degrees, Door Section	16
6	TS-Hinge 180 deg	TS-Hinge 180 Degrees, Enclosure Section	16
7	PFA40000	Output filter RAL 7035 Gen.4	4
8	PF3000230AC-7035	Filter fan 230VAC 255 m3 RAL7035 Gen.3	3
9	TS-8013.951	TS-Panel Bracket, Reinforced	28
10	TS-8013.009-01DS-003	Slave door for Enclosure	1
11	TS-8013.009-01DM-003	Master door for enclosure	1
12	TS-8013.009-01DS-005	Slave Door for Enclosure	1
13	TS-8013.009-01DM-004	Master Door for Enclosure	1
14	V3040A3002-CO-EN	Enclosure Assembly	1

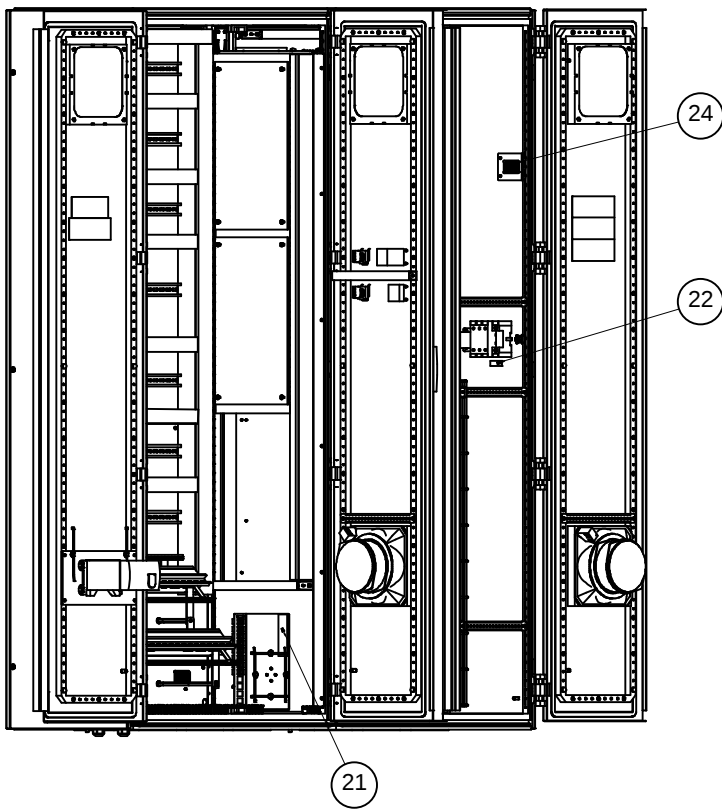
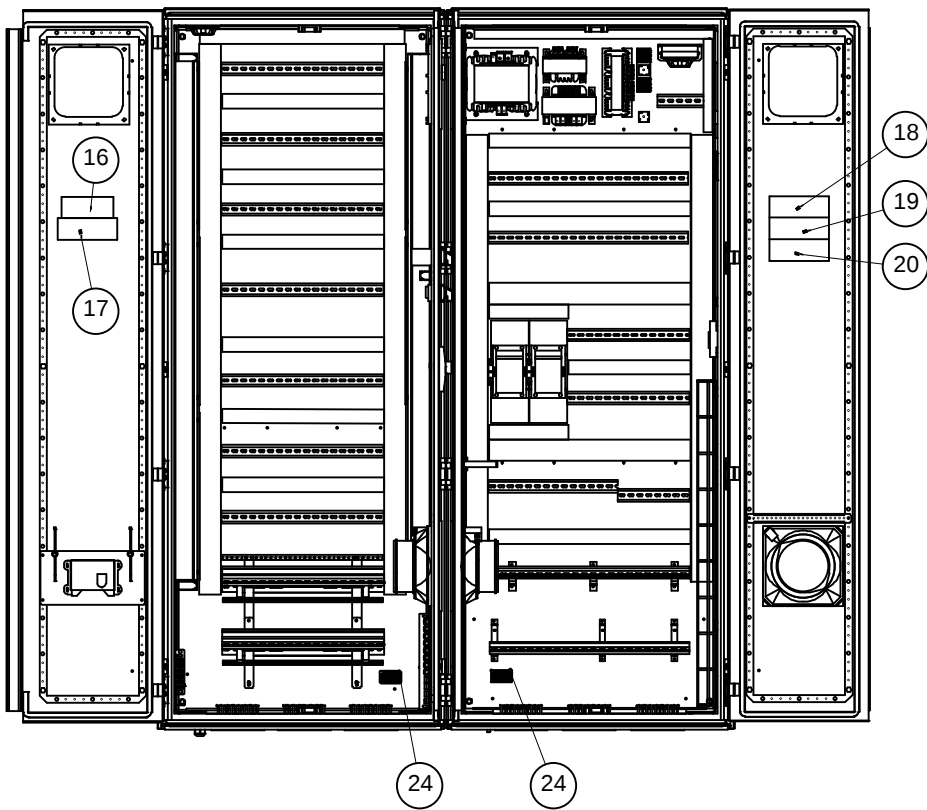
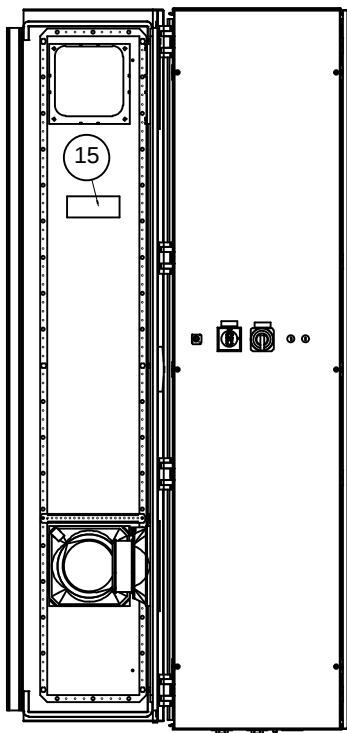
Enclosure manufacturer: Rittal

 kk-electronic a/s +A3/+A3 NEC	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content NON ELECTRICAL COMPONENTS LIST	=V304002
		2014-05-28				+A3
		Item-no.	ZCD-no:			NEC-1
		JASOE/mebje	V3040A3002	1040046		+A3/NEC-2

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Pos No.:	Type Number:	Item Name:	Qty.:
1	POS-101-100X30-GRAY	kk-Label	1
2	POS-102-100X30-GRAY	kk-Label	1
3	POS-2001-18X27-GRAY	kk-Label	2
4	C03-0425	Label Weee 0425, C03-UL	1
5	POS-201-100X90-GRAY	kk-Label	1
6	1601	Sign Warning UK/FR 1601, C03-UL	2
7	1801	Sign Caution UK/FR 1801, C03-UL	2
8	1901	Sign Caution UK/FR 1901, C03-UL	2
9	POS-306-45X15-GRAY	kk-Label	1
10	POS-302-45X15-GRAY	kk-Label	1
11	POS-304-45X15-GRAY	kk-Label	1
12	POS-303-45X15-GRAY	kk-Label	1
13	POS-301-45X15-GRAY	kk-Label	1
14	POS-305-45X15-GRAY	kk-Label	1
15	POS-502-145X60-RED	kk-Label	1
16	POS-501-145X60-RED	kk-Label	1
17	POS-904-165X60-GRAY	kk-Label	1
18	POS-901-165X60-GRAY	kk-Label	1
19	POS-902-165X60-GRAY	kk-Label	1
20	POS-903-165X60-GRAY	kk-Label	1
21	POS-1101-115X35-GRAY	kk-Label	1
22	POS-1301-45X15-GRAY	kk-Label	1
23	VK0184-2	Warning sign caution f/3.6MW English version	1
24	Barcode Lable	Barcode Label W60XH35	3





Industrial Control Panel for Wind Turbine Generators

KK-electronic item no: V3040A3002

Siemens Wind Power item no: A9B10078152

kk-electronic a/s

Type Rating: Type 5

101



Recognized Component

Conforms to UL standard: UL508A

Certified to CAN/CSA standard: C22.2 No. 14-10

Intertek

Control no: 4003248

102



kk-electronic

Type: V3040XX

Rated power: 4.0MW

Frequency: 50/60Hz

Voltage: 3x690VAC

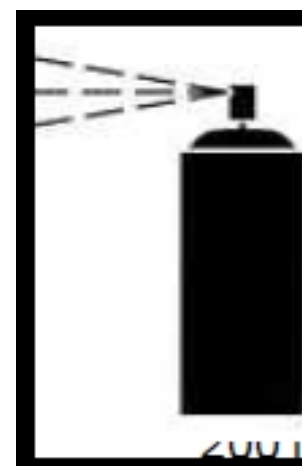
Rated current: 47,2A

Max short-circuit current: 5.5kA

Min short-circuit current: X.XkA

System earthing: TN

201



610-X6

1 SERVICE
ACCESS
EXTERNAL LAN

2 SERVICE ACC.
INTERNAL
LAN

3 SERVICE ACC.
INTERNET

4 YAW

5 WIRELESS AP

6 IP-PHONE
(OPTIONAL)

7 OPTION

8 OPTION

1101

SWITCH DISCONNECTOR
690V SUPPLY

609-Q1

301

START HYDRAULIC PUMP
FOR CRANE OPERATION

OFF 607-S3 ON

304

TIGHTENING TORQUE

6 Nm

1301

SELECT HATCH
1 - 2

607-S1

302

SWITCH DISCONNECTOR
230V SIGNALS

609-S1

305

HATCH
607-S2

CLOSE - OPEN

303

A3 . 601-S1
0: LOCAL CONTROL
1: REMOTE CONTROL

306



SIEMENS

Date

2014-05-28

Rev. Date

kk-responsible

Item-no.

ZCD-no:

JASOE/mebje

V3040A3002

1040046

kk-electronic a/s

+A3/NEC-2

SWT-4.0

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

Page Content

NON ELECTRICAL COMPONENTS LIST
LABELS - DETAILS

=V304002

+A3

NEC-3

+A3/NEC-4

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WARNING

Combination Motor Controller - Instantaneous Trip Circuit Breakers

-To maintain overcurrent, short-circuit, and ground-fault protection, the manufacturer's instructions for selecting current elements and setting the instantaneous-trip circuit breaker shall be followed.

-Tripping of the instantaneous-trip circuit breaker is an indication that a fault current has been interrupted. Current-carrying components of the magnetic motor controller should be examined and replaced if damaged to reduce the risk of fire or electric shock. If burnout of the current element of an overload relay occurs, the complete overload relay shall be replaced.

501

WARNING

Combination Motor Controller - Combination Motor controllers

-To maintain overcurrent, short-circuit, and ground-fault protection, the manufacturer's instructions for selection of overload and short circuit protection shall be followed to reduce the risk of fire or electric shock.

-If an overload or a fault current interruption occurs, circuits shall be checked to determine the cause of the interruption. If a fault condition exists, the current-carrying components should be examined and replaced if damaged, and the integral current sensors shall be replaced to reduce the risk of fire or electric shock.

502

No	Setting	Type	Range	Descriptions
200-F1	1.0A	MO132	1.0A	Main bearing grease pump
200-F1.1	0.62A	TF42	0.55-0.74A	Main bearing grease pump
200-F2	32A	MO132	32A	Hydraulic pump
200-F2.1	24.5A	TF42	24-29A	Hydraulic pump
200-F3	2.5A	MO132	2.5A	Hydraulic pump yaw brake
200-F3.1	1.97A	TF42	1.7-2.3A	Hydraulic pump yaw brake
200-F5	1.38A	MS132	1-1.6A	Hydraulic pump hatch
200-F6	3.3A	MS132	2.5-4.0A	CEE for turning gear
100-F1	20A	MO132	20A	Generator cooling fan
100-F1.1	16.6A	TF42	16-20A	Generator cooling fan high
100-F1.2	5.4A	TF42	4.2-5.7A	Generator cooling fan low
402-F1	6.3A	MO132	6.3A	Gear oil heating elements

901

400-F1	20A	MO132	20A	Gear oil pump
400-F1.1	12A	TF42	10-13A	Gear oil pump high
400-F1.2	9.4A	TF42	7.6-10A	Gear oil pump low
400-F2	6.3A	MO132	6.3A	Gear oil fan 1
400-F2.1	4.3A	TF42	4.2-5.7A	Gear oil fan 1 high
400-F2.2	1.6A	TF42	1.3-1.7A	Gear oil fan 1 low
400-F3	6.3A	MO132	6.3A	Gear oil fan 2
400-F3.1	4.3A	TF42	4.2-5.7A	Gear oil fan 2 high
400-F3.2	1.6A	TF42	1.3-1.7A	Gear oil fan 2 low
609-F1.1	6.3A	MO132	6.3A	230V aux. supply nacelle
609-F3	1.6A	MO132	1.6A	24VDC supply lubrication system
609-F4	10A	C-curve	10A	24VDC supply lubrication system

902

609.Q1		OT125FT3		690V supply disconnect
609.S1		M10HEA10+SV4		230V supply disconnect

903

No	Setting	Type	Range	Descriptions
104-F1	6A	C-CURVE	6A	Pump for generator bearing lubrication
607-F1	10A	C-CURVE	10A	Supply for crane
609-F2	10A	C-CURVE	10A	230V aux. supply nacelle
609-F5	6A	C-CURVE	6A	Eye wash equipment (option)
609-F6	10A	C-CURVE	10A	24VDC aux. Supply
609-F7	25A	GFCI	25A	Supply for plugs
609-F8	16A	K-CURVE	16A	Supply for WTC-3
704-F1	6A	C-CURVE	6A	Yaw lubrication pump 1
704-F2	6A	C-CURVE	6A	Yaw lubrication pump 2
A9-F1	2A	C-CURVE	2A	Visibility sensor supply
A14-F1	6A	C-CURVE	6A	Aviation sensor supply

904

CAUTION!

This turbine can be remote controlled

Before starting work on the turbine switch off remote control as follows:

1. Turn switch marked "Local control/Remote control" to "Local control position".
2. The turbine can now only be operated from the keyboard and can not be remote controlled.

REMEMBER to return the switch to "Remote control" position after completion of work.

VK0184

WARNING / AVERTISSEMENT

DISCONNECT
POWER
BEFORE
WORKING
WITHIN

DÉBRANCHER
LE COURANT
AVANT DE
TRAVAILLER À
L'INTERIEUR

1601

CAUTION / ATTENTION

MORE THAN ONE
DISCONNECTING
MEANS
EMPLOYED.
OPEN ALL
DISCONNECTING
MEANS BEFORE
SERVICING

PLUSIEURS
DISPOSITIFS DE
SECTIONNEMENT
SONT UTILISÉS.
OUVRIR TOUS LES
SECTIONNEURS
AVANT DE
SERVICER

1801

CAUTION / ATTENTION

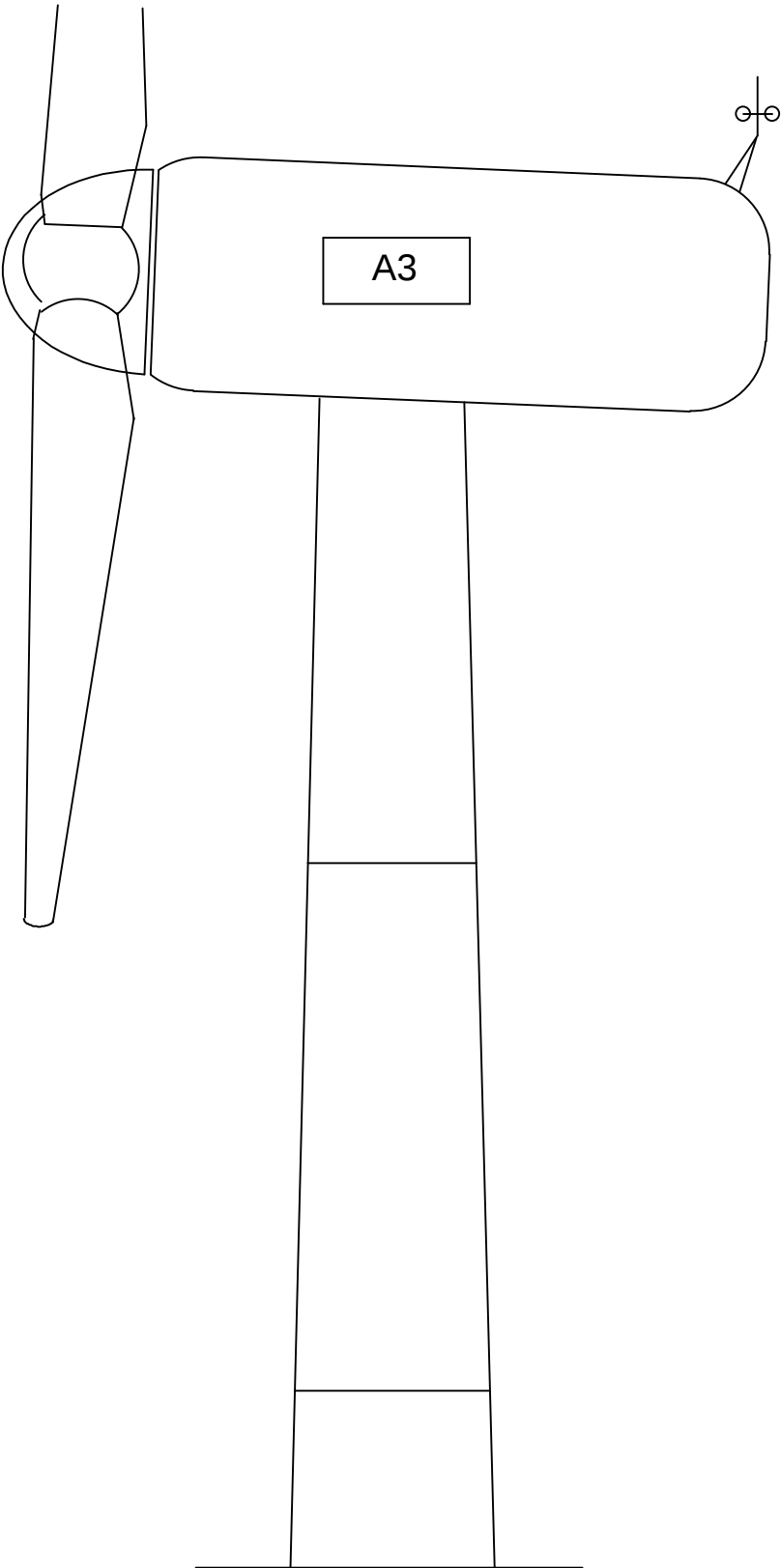
CIRCUIT NOT
DE-ENERGIZED
BY MAIN SWITCH.
DISCONNECT
ALL POWER
BEFORE
WORKING
WITHIN

LE CIRCUIT
N'EST PAS DÉACTIVE
PAR L'INTERUPTEUR
PRINCIPAL.
DÉBRANCHER TOUTE
ALIMENTATION AVANT
DE TRAVAILLER
À L'INTERIEUR

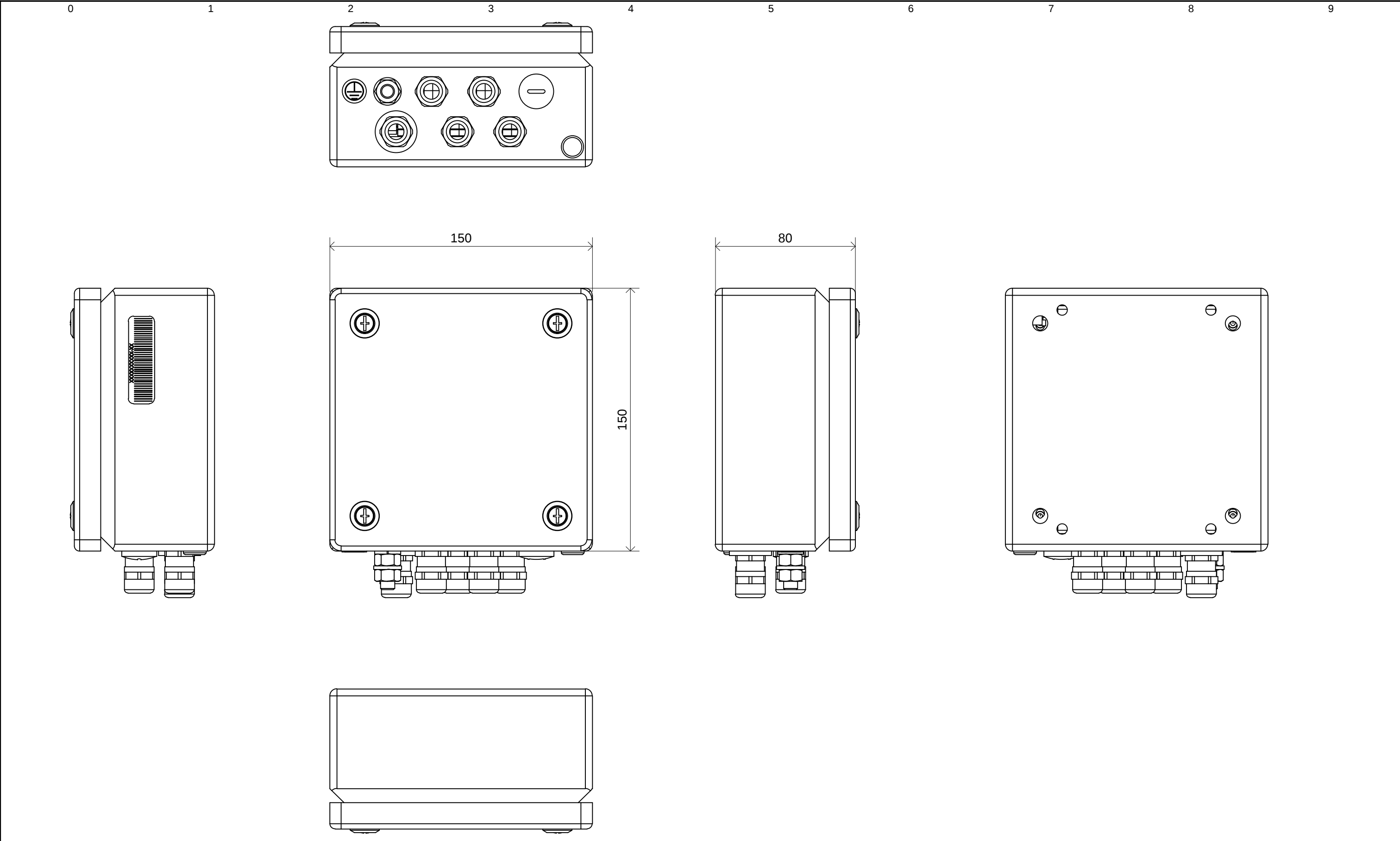
1901

+A304 LAYOUTS

布局



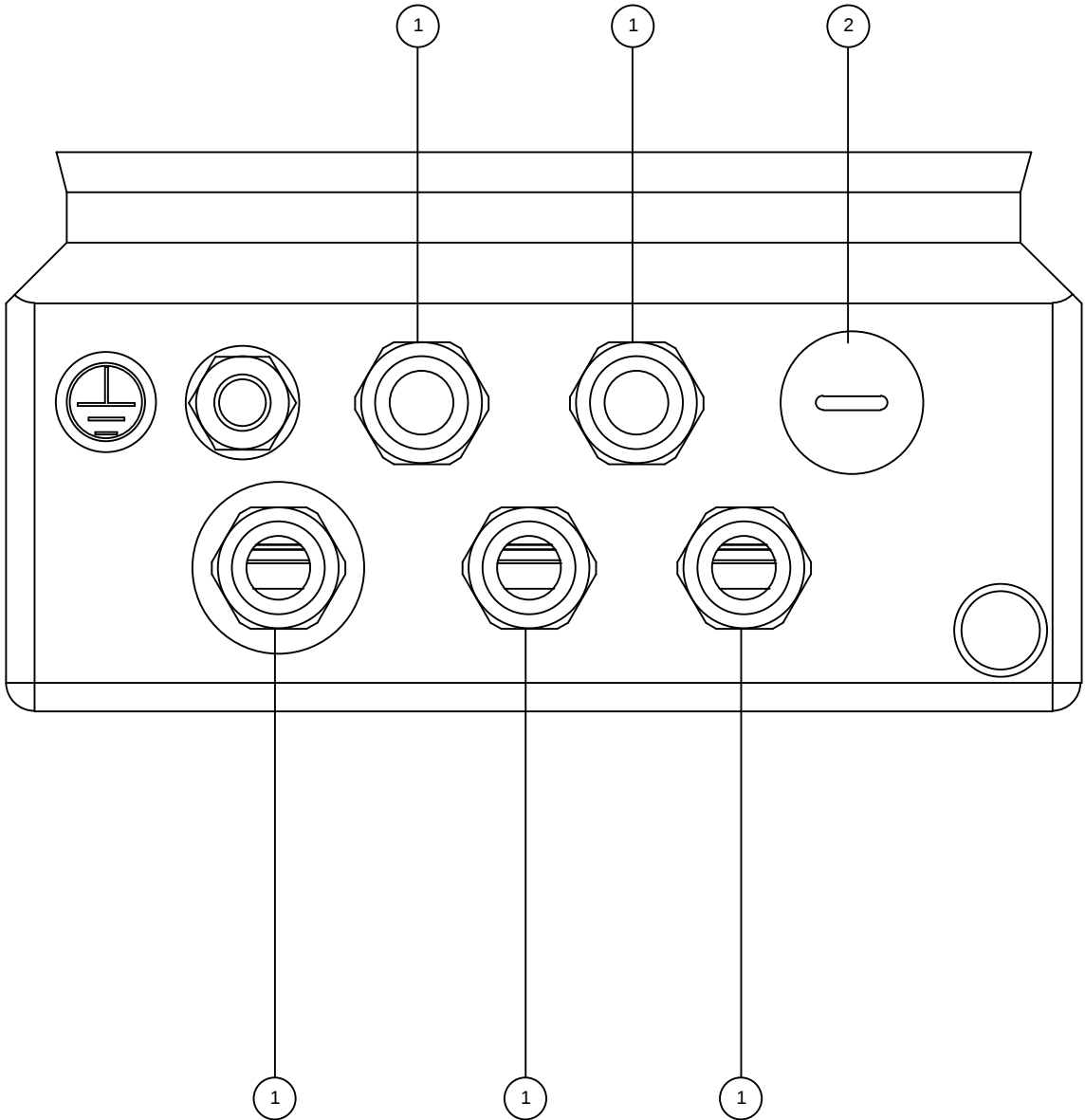
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		kk-responsible	Item-no.			ZCD-no:	+A304 L
		JASOE/mebje	214667MO			1040046	
+A3/NEC-5		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.			+A304/L-1		

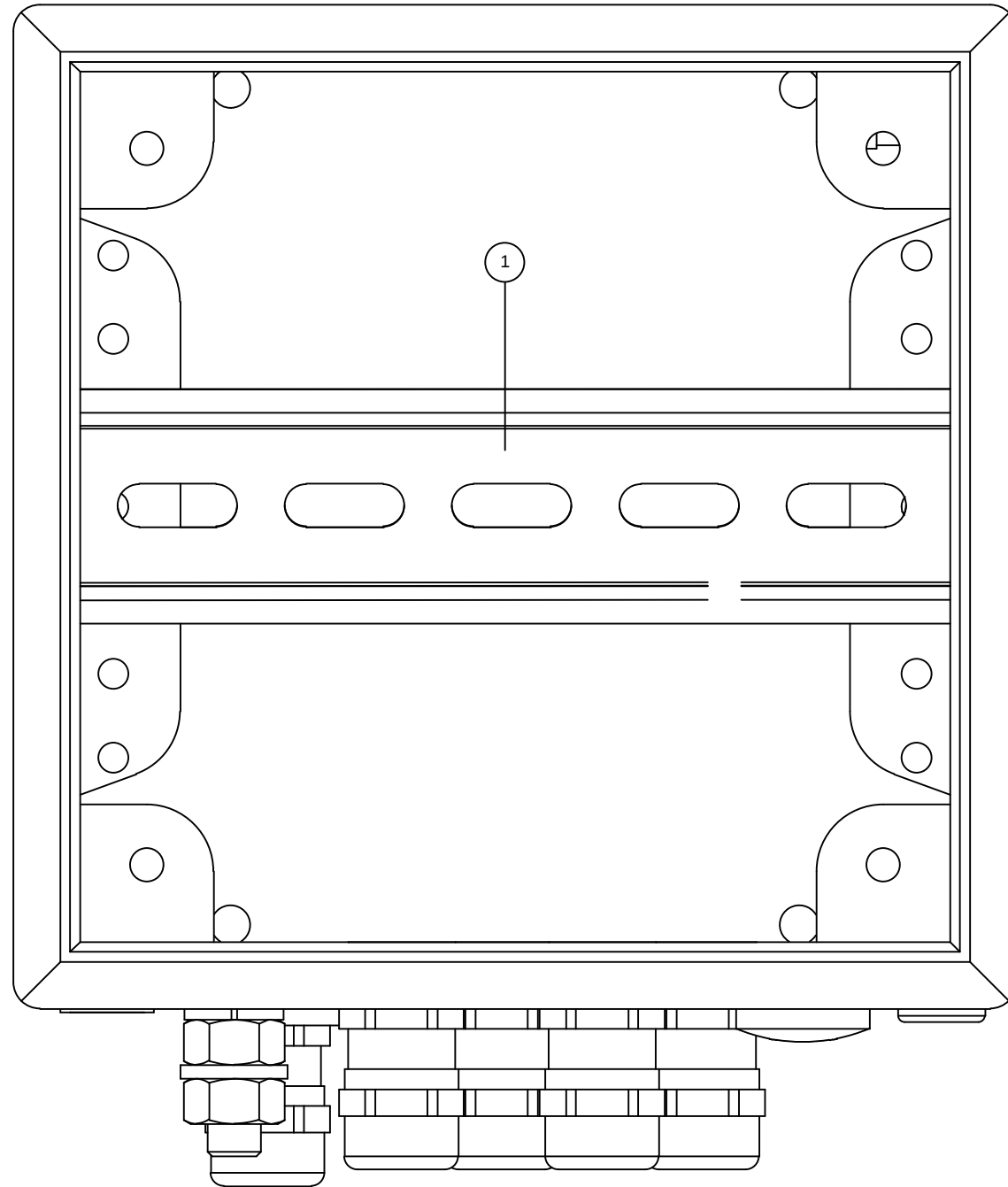


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		Item-no.	ZCD-no:		OVERVIEW LAYOUT	L-1
		JASOE/mebje	1040046			+A304/L-2

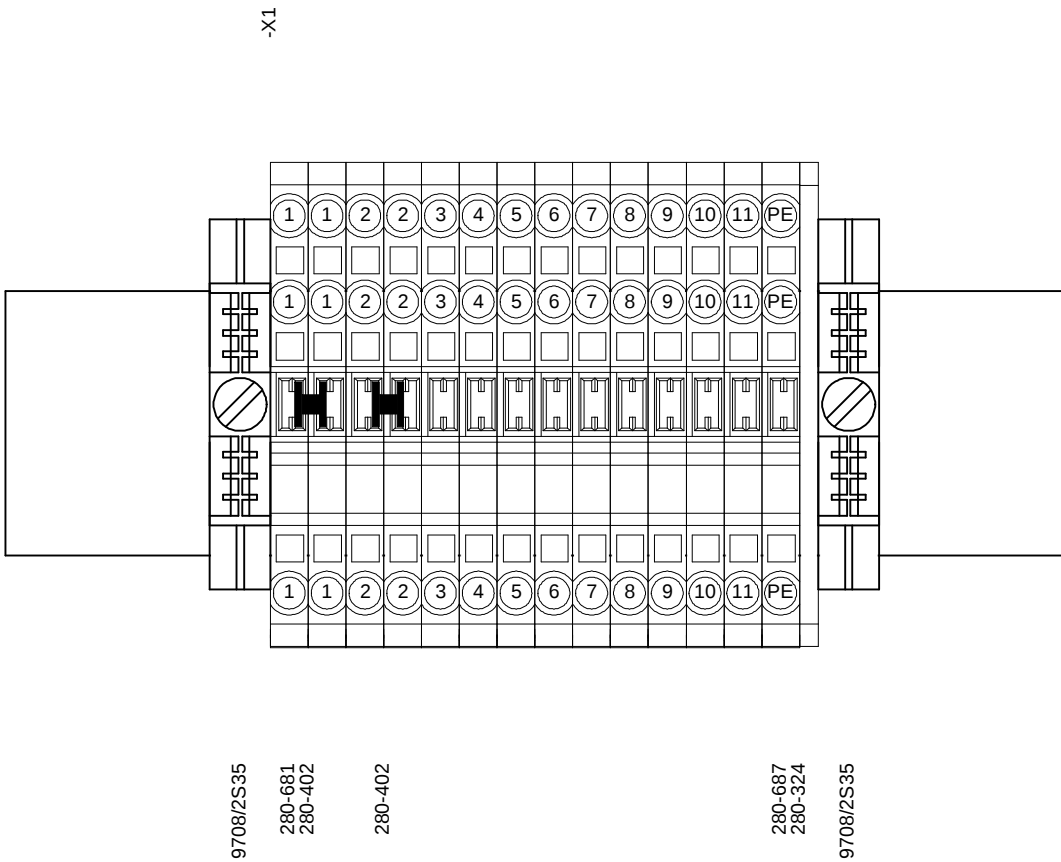
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POS. NO.:	DESCRIPTION:	QTY.:
1	M16-EMC-L	5
2	M16-BLIND	1



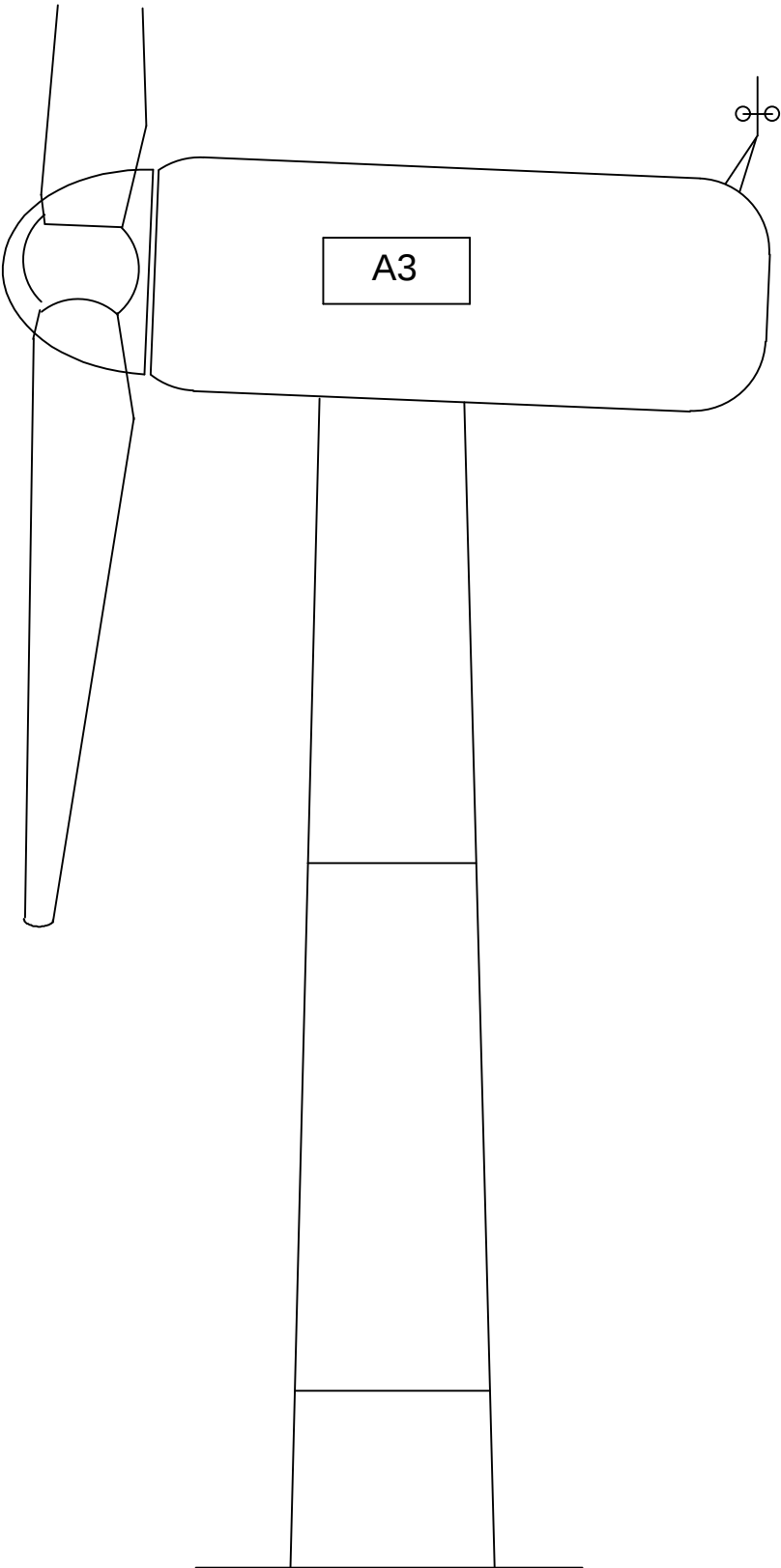


1) DIN RAIL 1

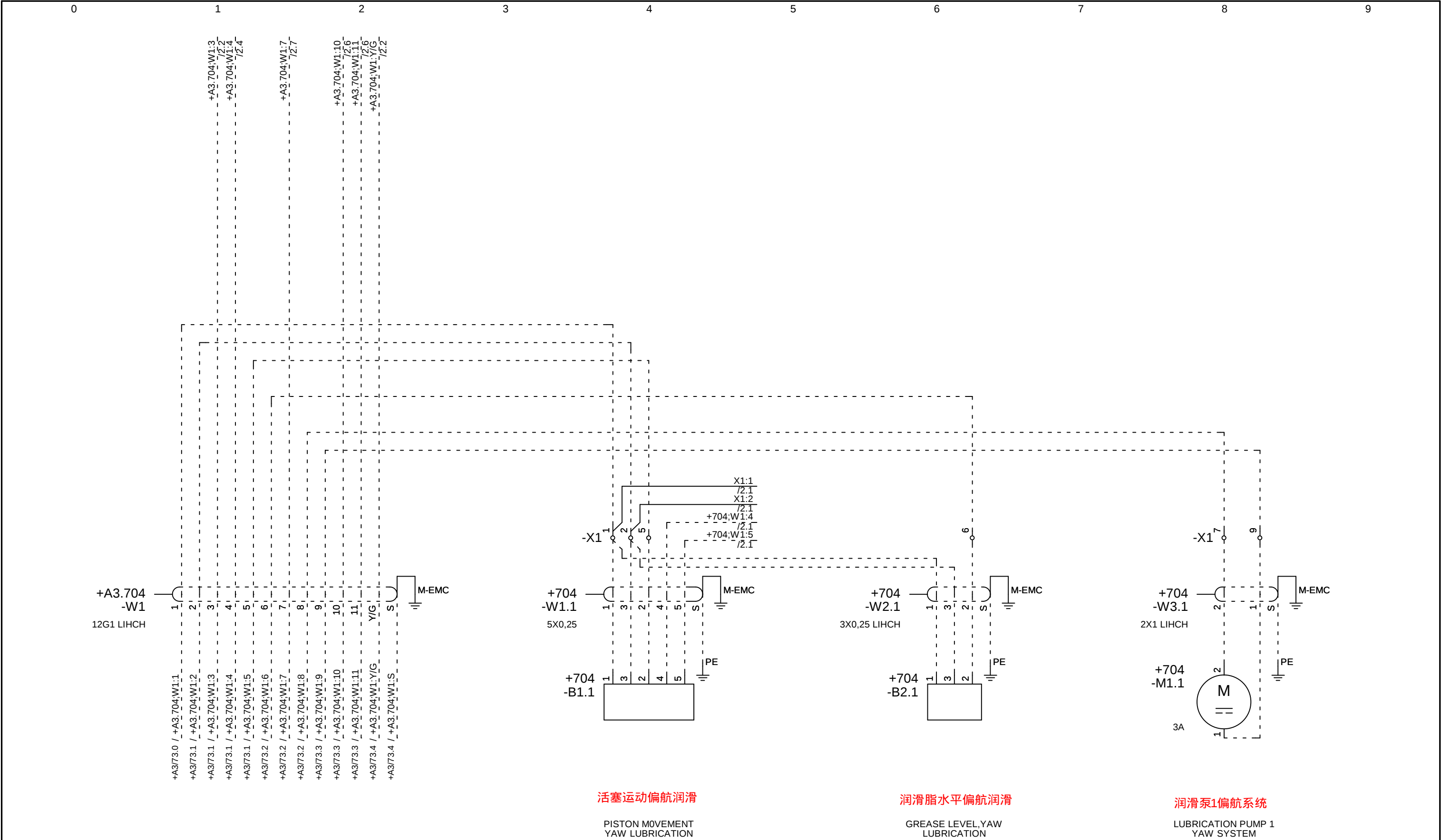


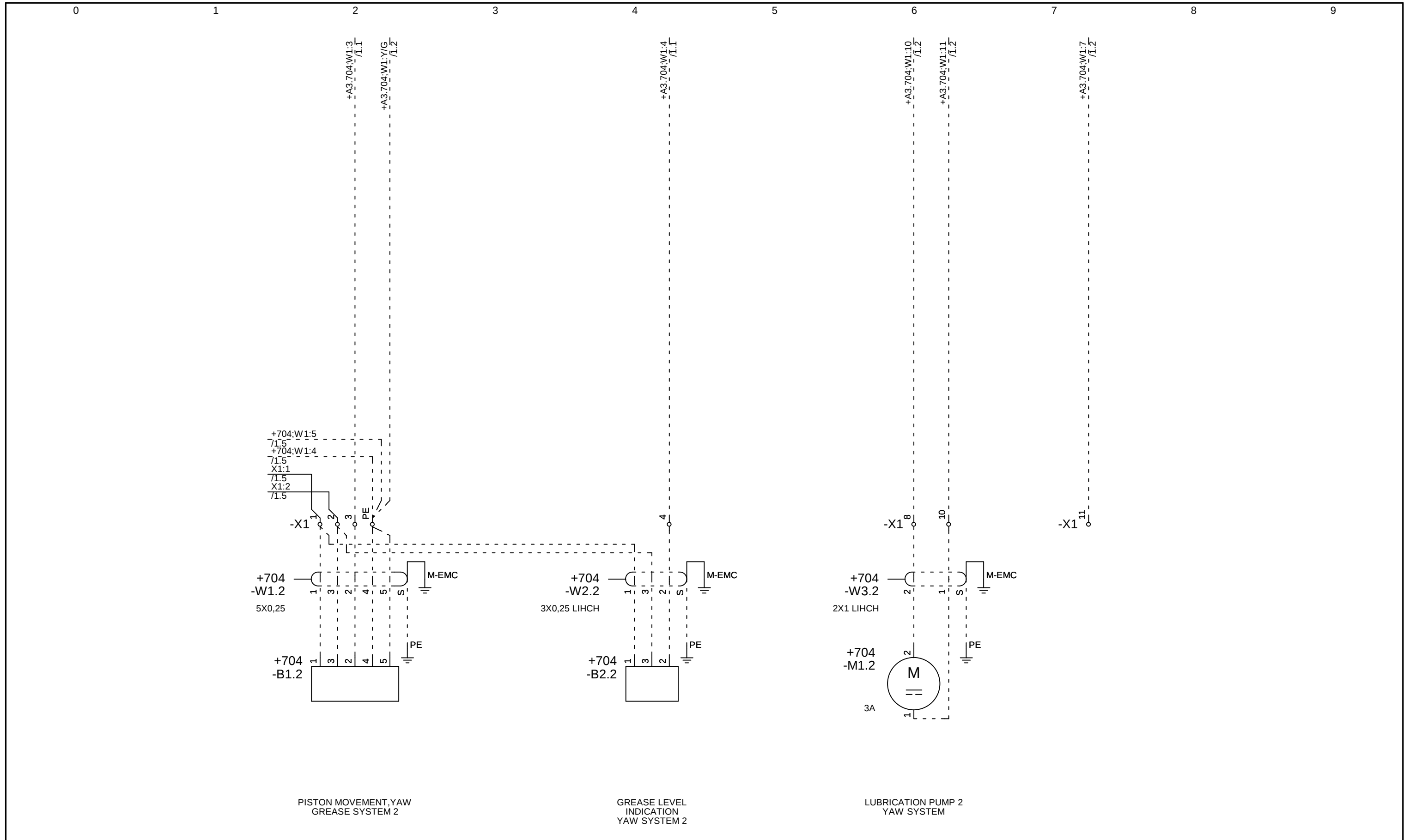
+A304 DIAGRAM

线图



 kk-electronic a/s +A304/L-4	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002
		2014-05-28			+A304 DIAGRAM	+A304	
		kk-responsible	Item-no.			ZCD-no:	+A304 D
		JASOE/mebje	214667MO			1040046	
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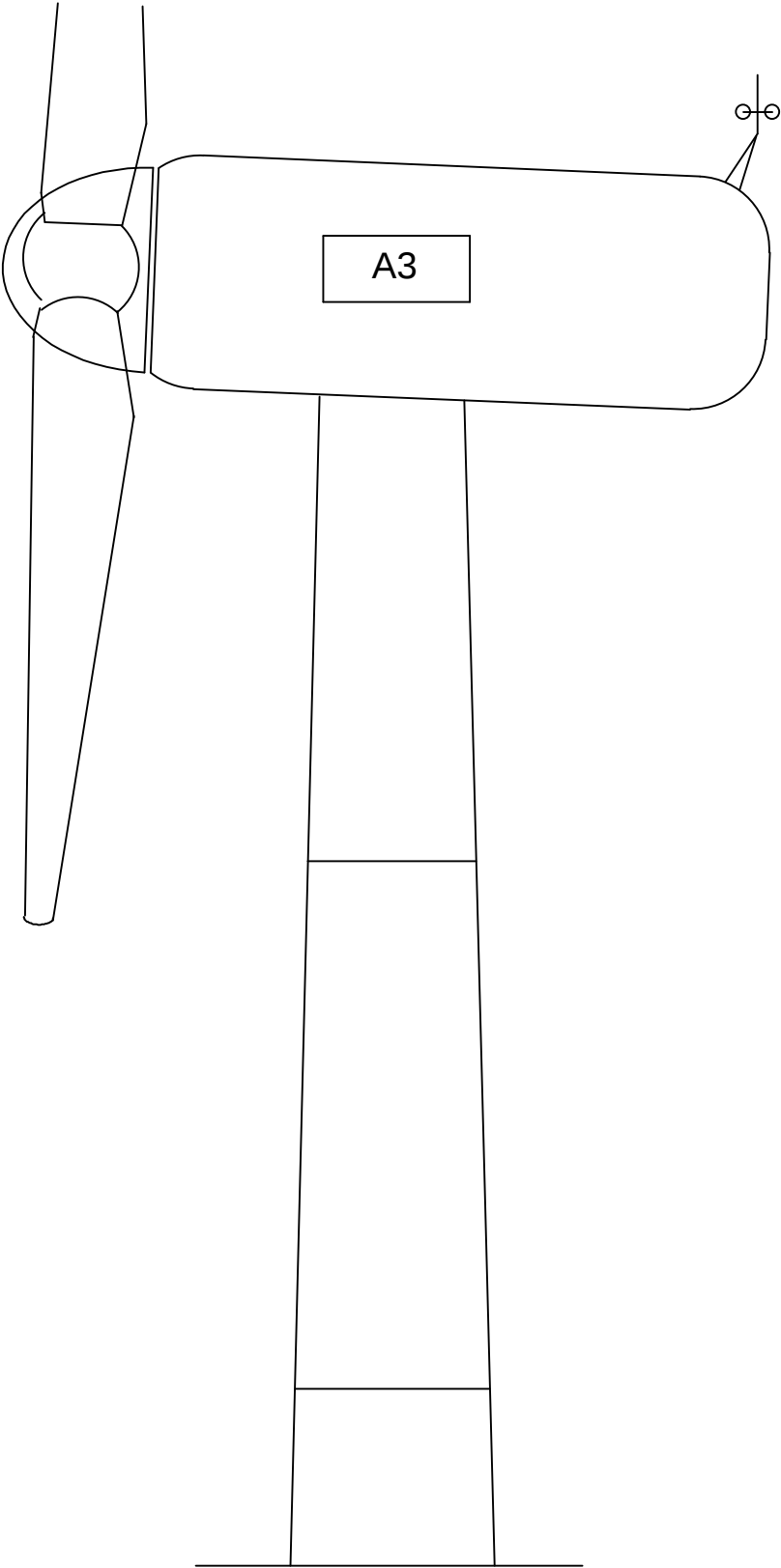




 kk-electronic a/s +A304/1	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			YAW LUBRICATION	+A304
		Item-no.	ZCD-no:			2
		JASOE/mebje	214667MO			+A304/+A304 C

+A304 COMPONENTS LIST

组件列表



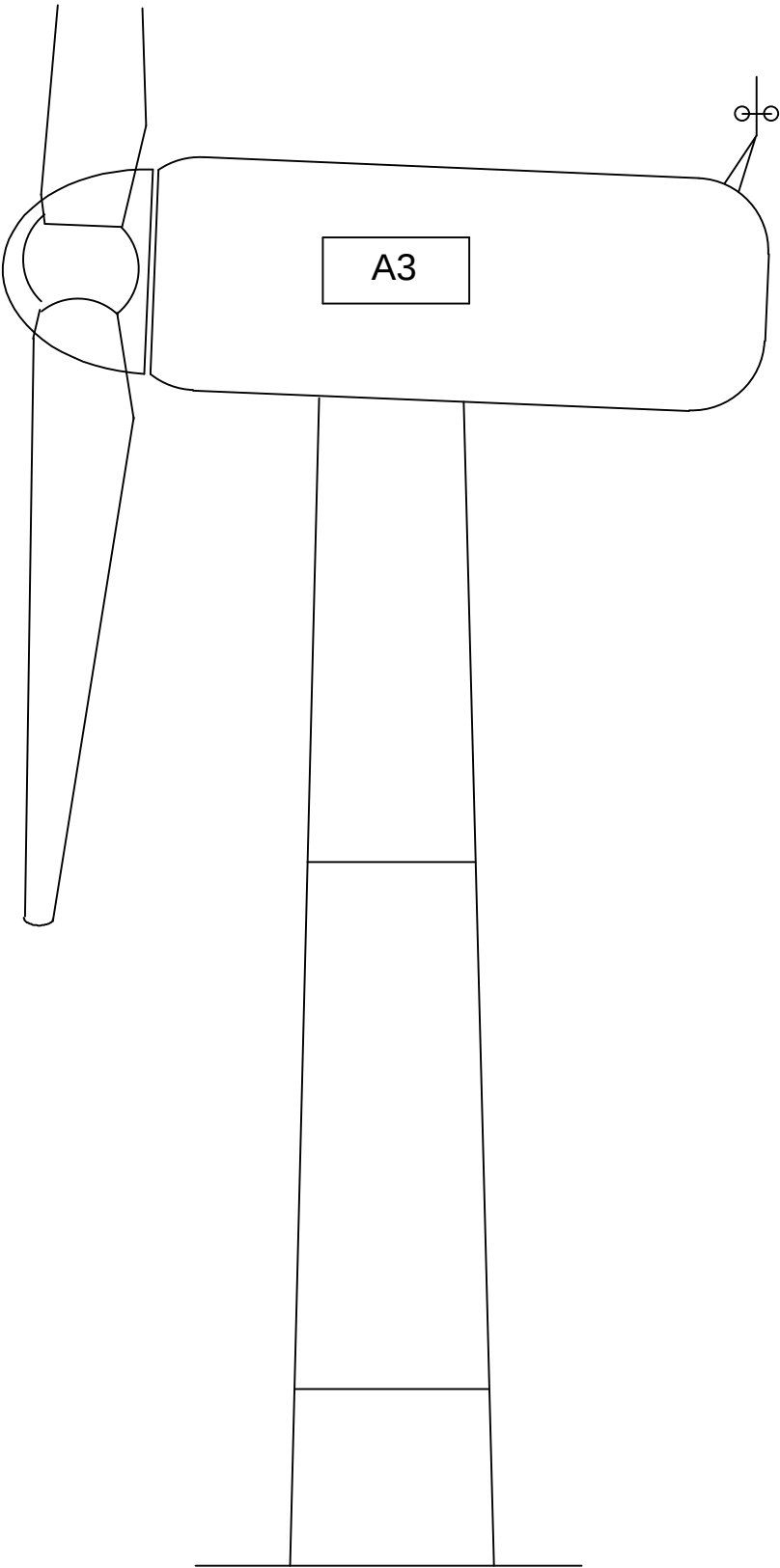
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		2014-05-28			+A304 COMPONENTS LIST	+A304	
		kk-responsible	Item-no.			ZCD-no:	+A304 C
		JASOE/mebje	214667MO			1040046	
					The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		
					+A304/C-1		

Components list

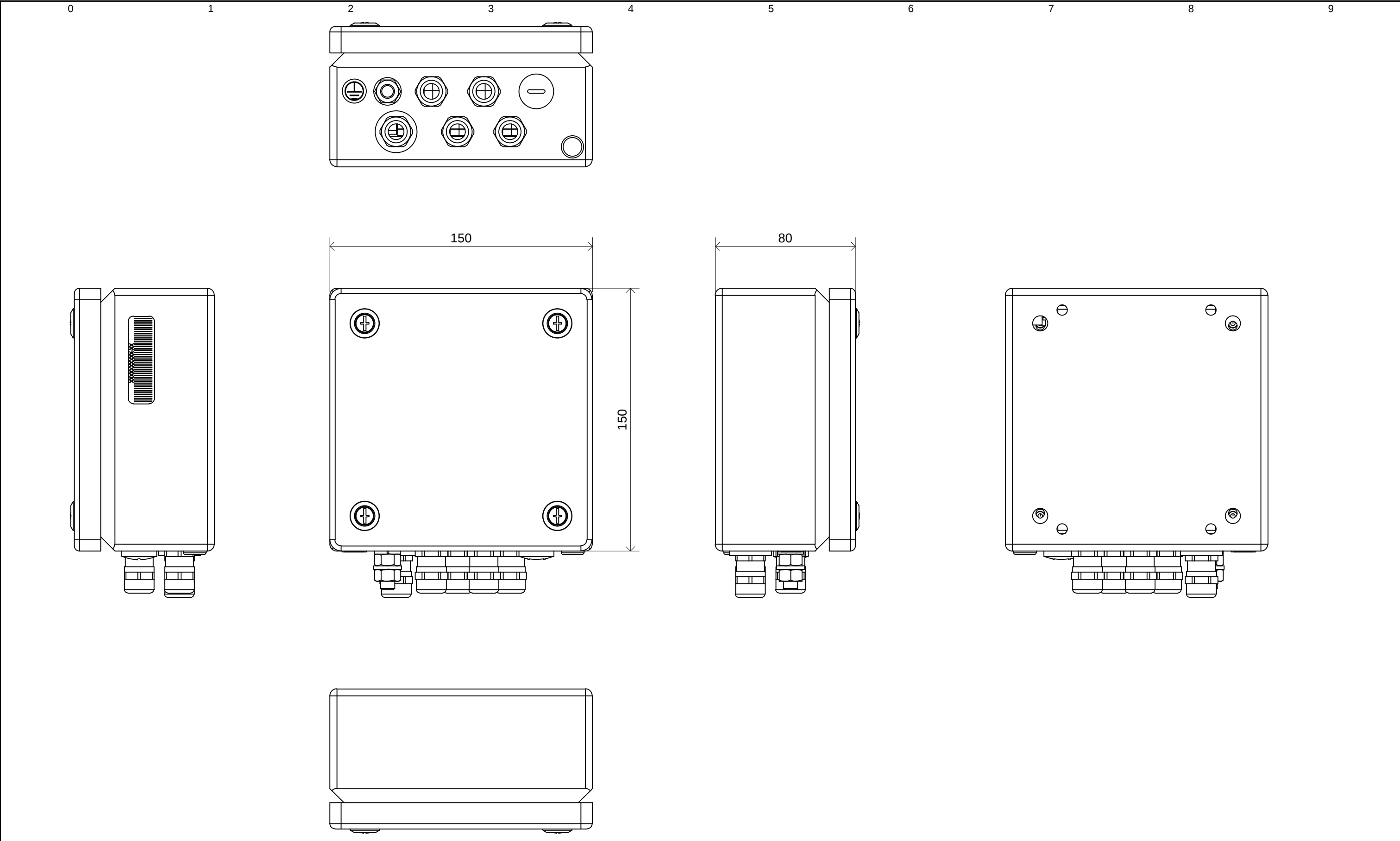
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+A306 LAYOUTS

布局



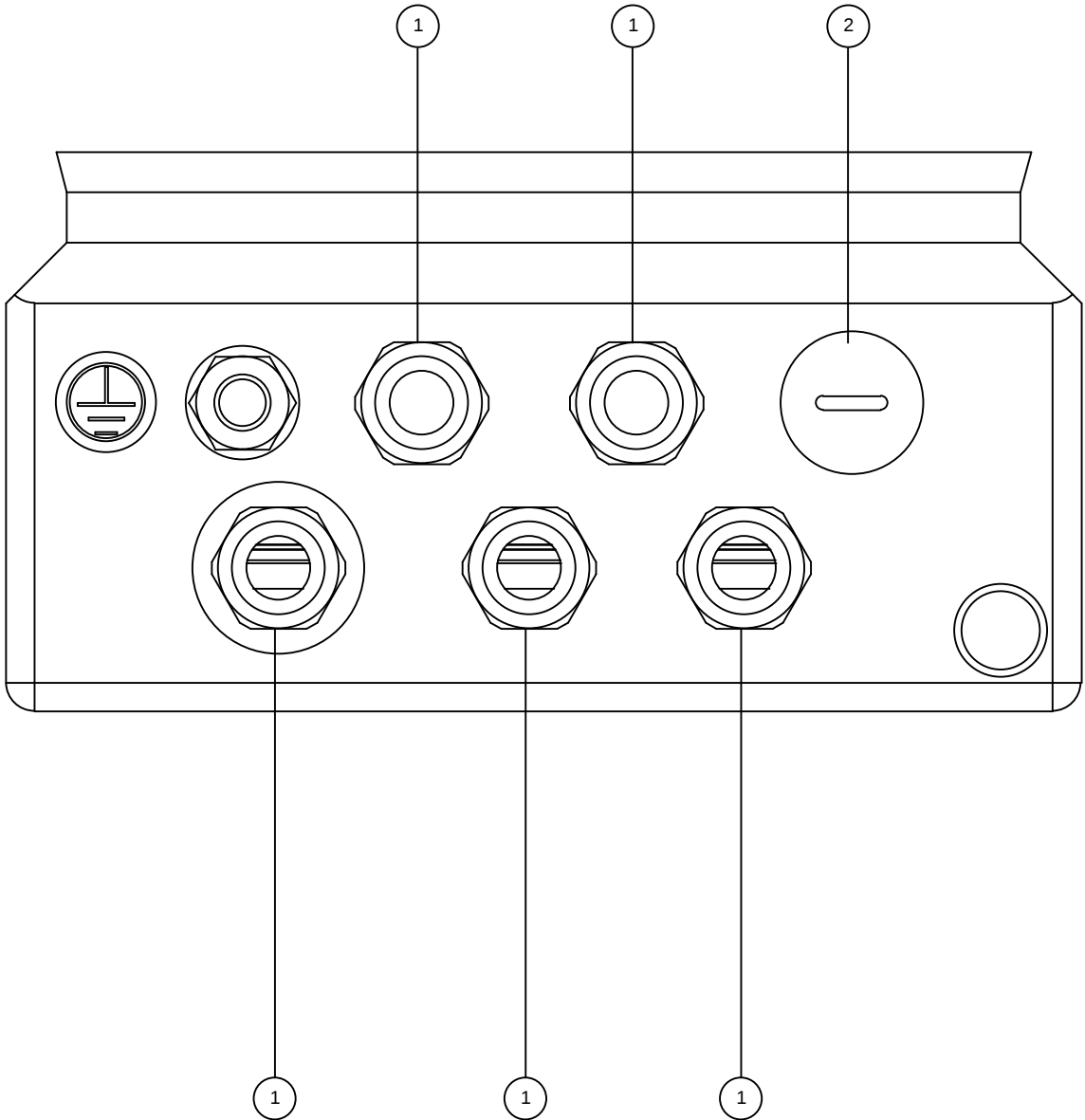
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		2014-05-28			+A306 LAYOUTS	+A306	
		kk-responsible	Item-no.			ZCD-no:	+A306 L
		JASOE/mebje	214667MO			1040046	
+A304/C-1		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A306/L-1	

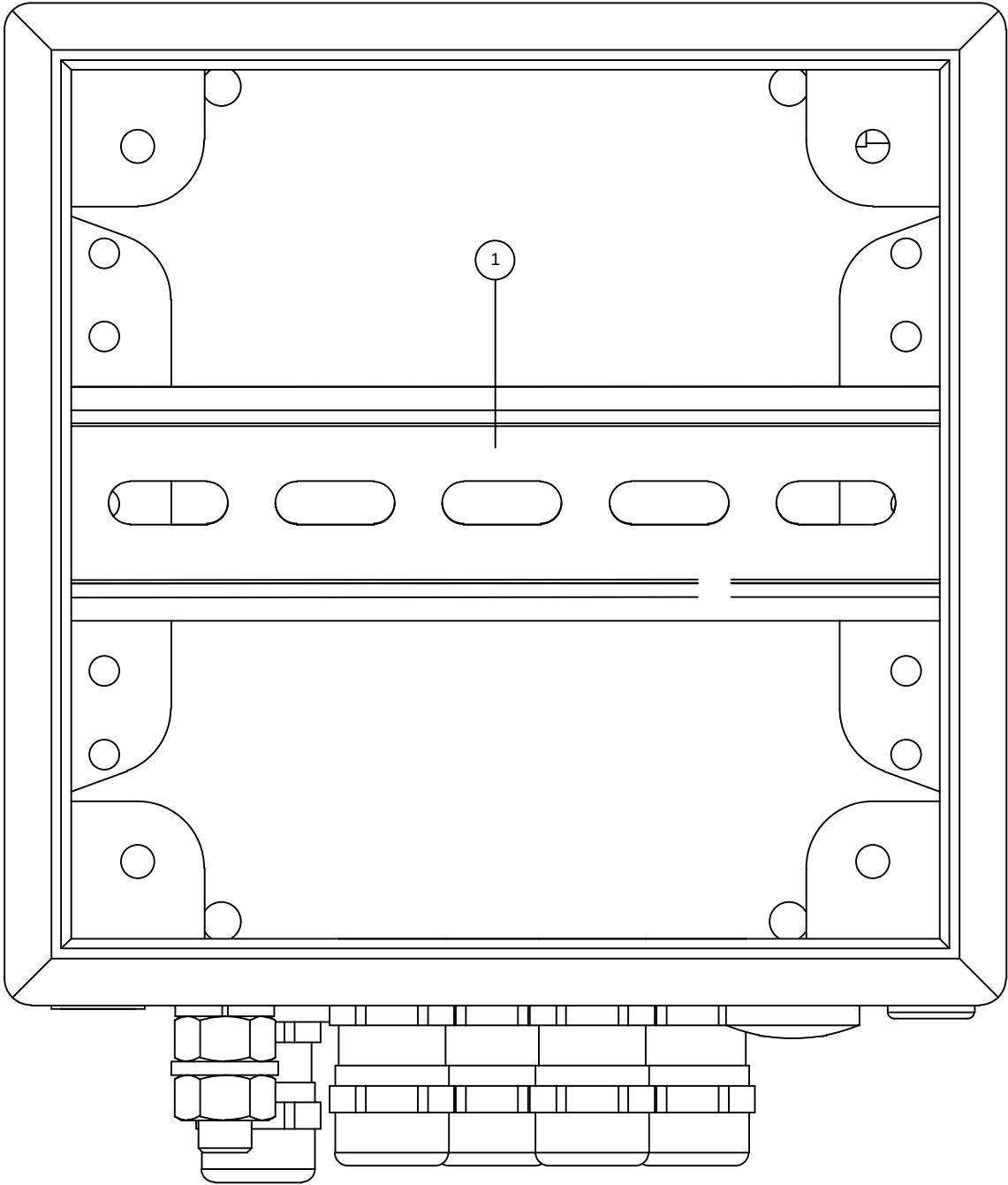


 kk-electronic a/s +A306/+A306 L	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002	
		2014-05-28			OVERVIEW LAYOUT	+A306	
		kk-responsible	Item-no.			ZCD-no:	L-1
		JASOE/mebje	214667MO			1040046	
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0123456789

POS. NO.:	DESCRIPTION:	QTY.:
1	M16-EMC-L	5
2	M16-BLIND	1





1) DIN RAIL 1

0

1

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3

4

5

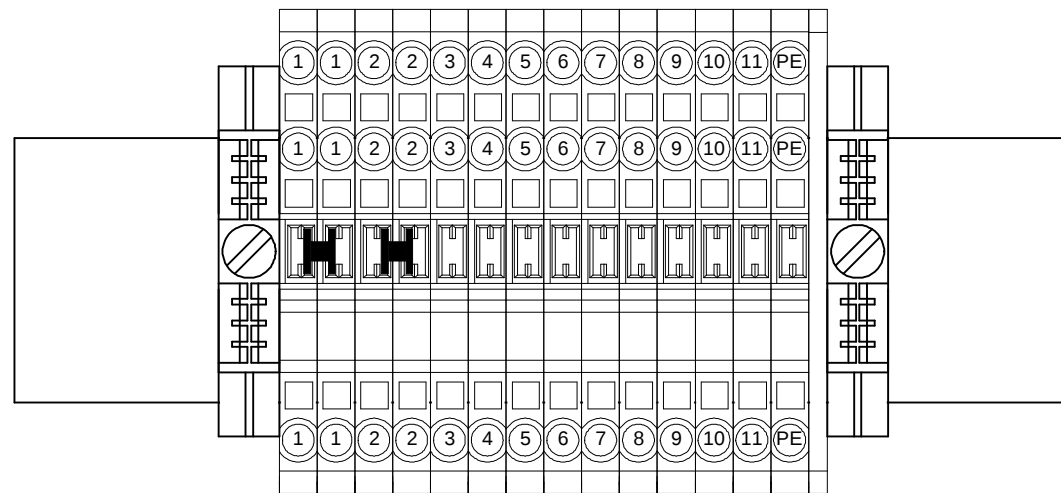
6

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8

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-X1



9708/2S35

280-681
280-402

280-681
280-402

280-402

280-687
280-324

280-687
280-324

9708/2S35



kk-electronic a/s

+A306/L-3

SIEMENS

kk-responsible

JASOE/mebje

Date _____

2014-05-28

Item-no.	Item	Unit	QTY	Rate	Amount
1	...	...	...	...	...
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90	...	...	...	...	

214667MO

Rev. Date

ZCD-no:

1040046

SWT-4.0

WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL

Page Content

DIN RAIL 1

=V304002

+A306

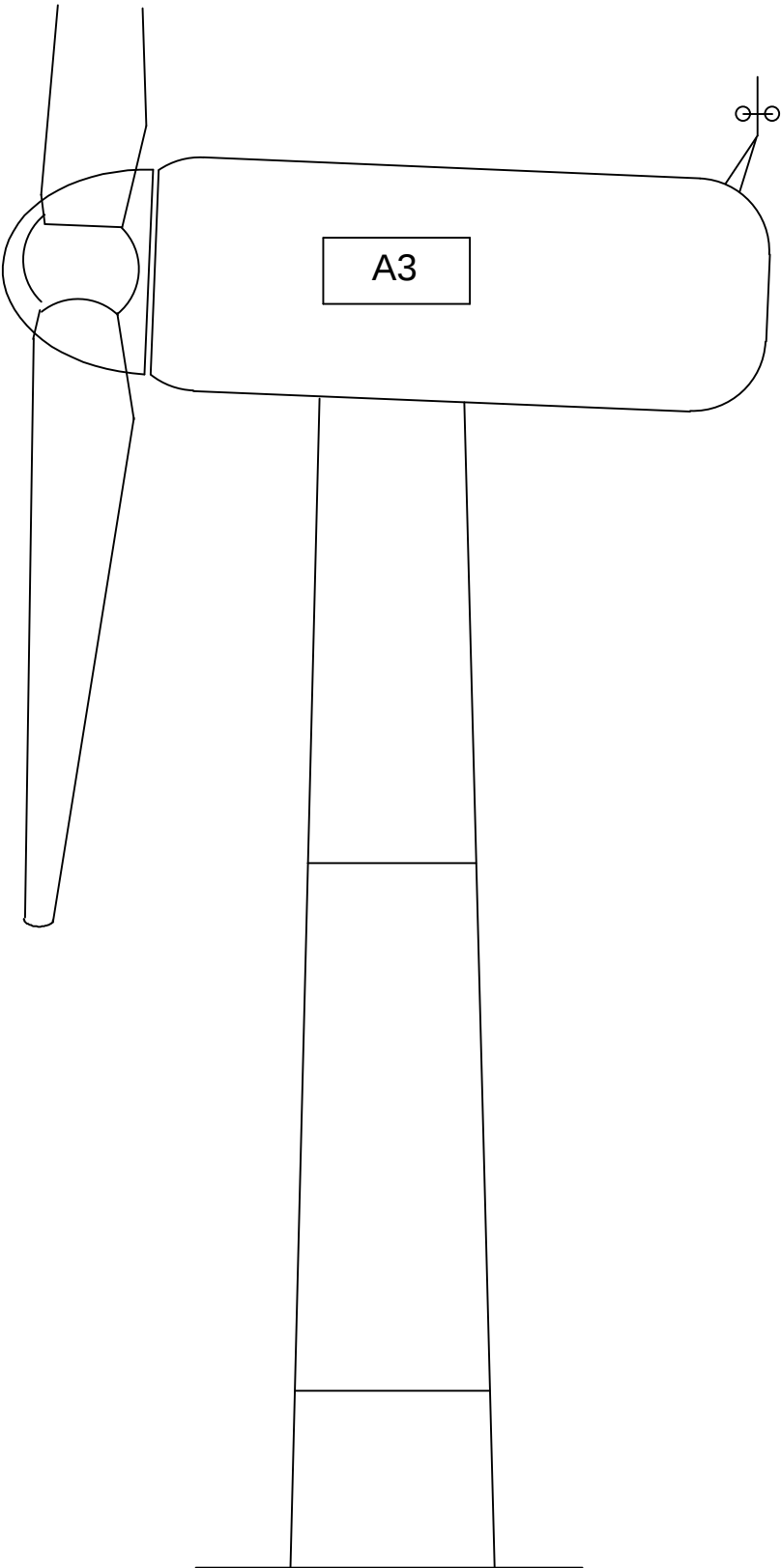
L-4

+A306/+A306 D

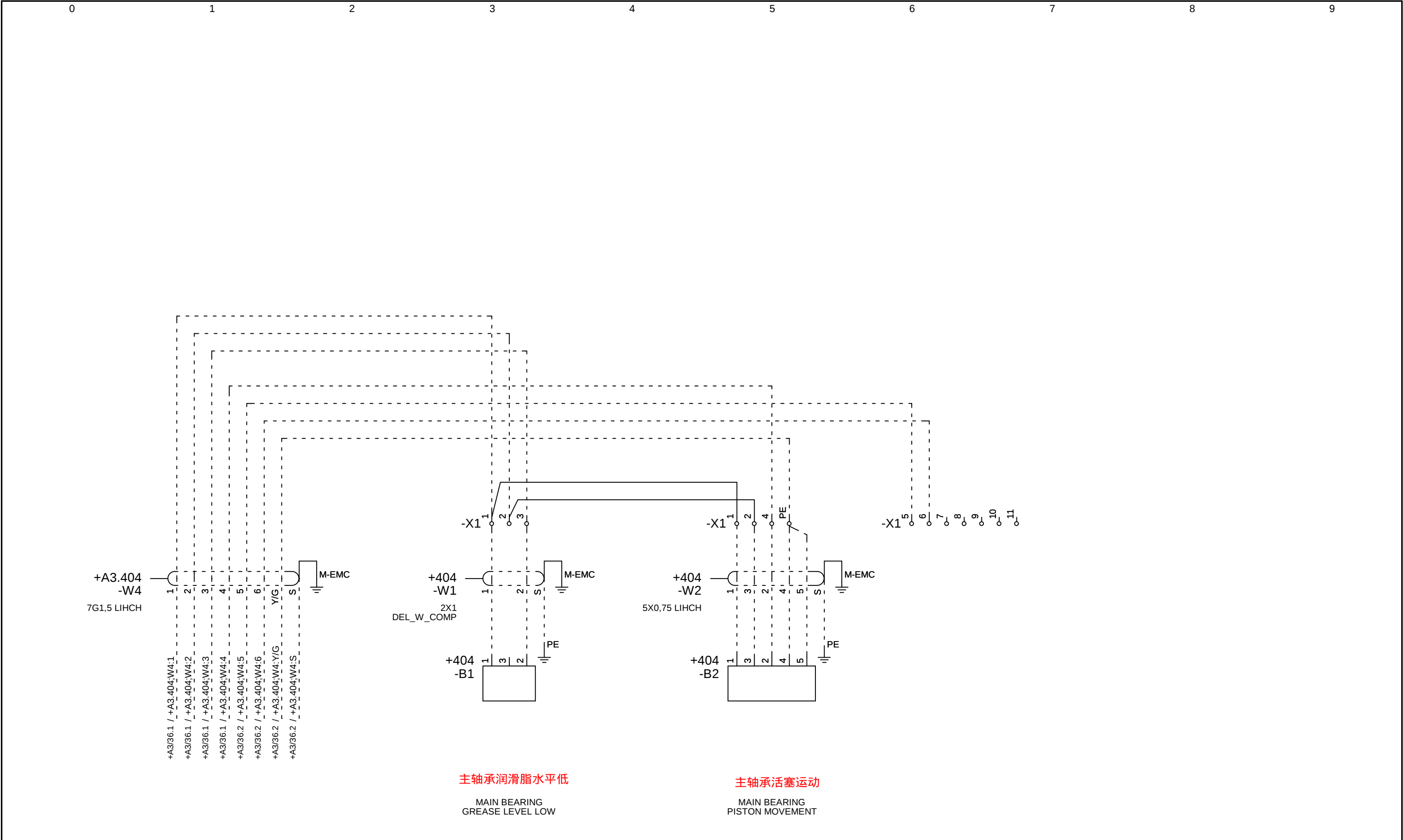
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+A306 DIAGRAM

线图



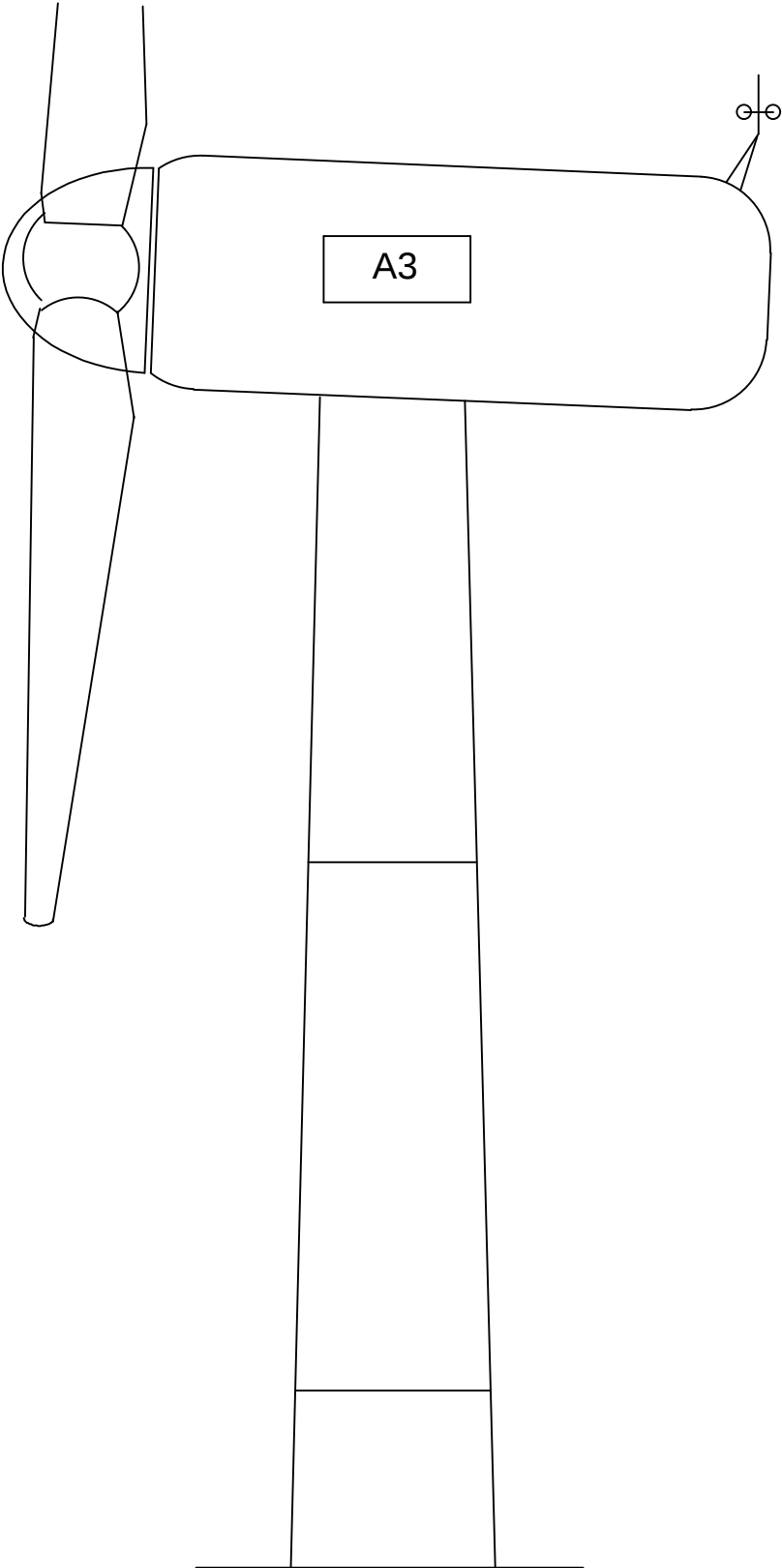
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		2014-05-28			+A306 DIAGRAM	+A306	
		kk-responsible	Item-no.			ZCD-no:	+A306 D
		JASOE/mebje	214667MO			1040046	
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+A306/1							



 kk-electronic a/s +A306/+A306 D	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			MAIN BEARING LUBRICATION	+A306
		Item-no.	ZCD-no:		主轴承润滑	1
		JASOE/mebje	1040046			+A306/+A306 C

+A306 COMPONENTS LIST

组件列表



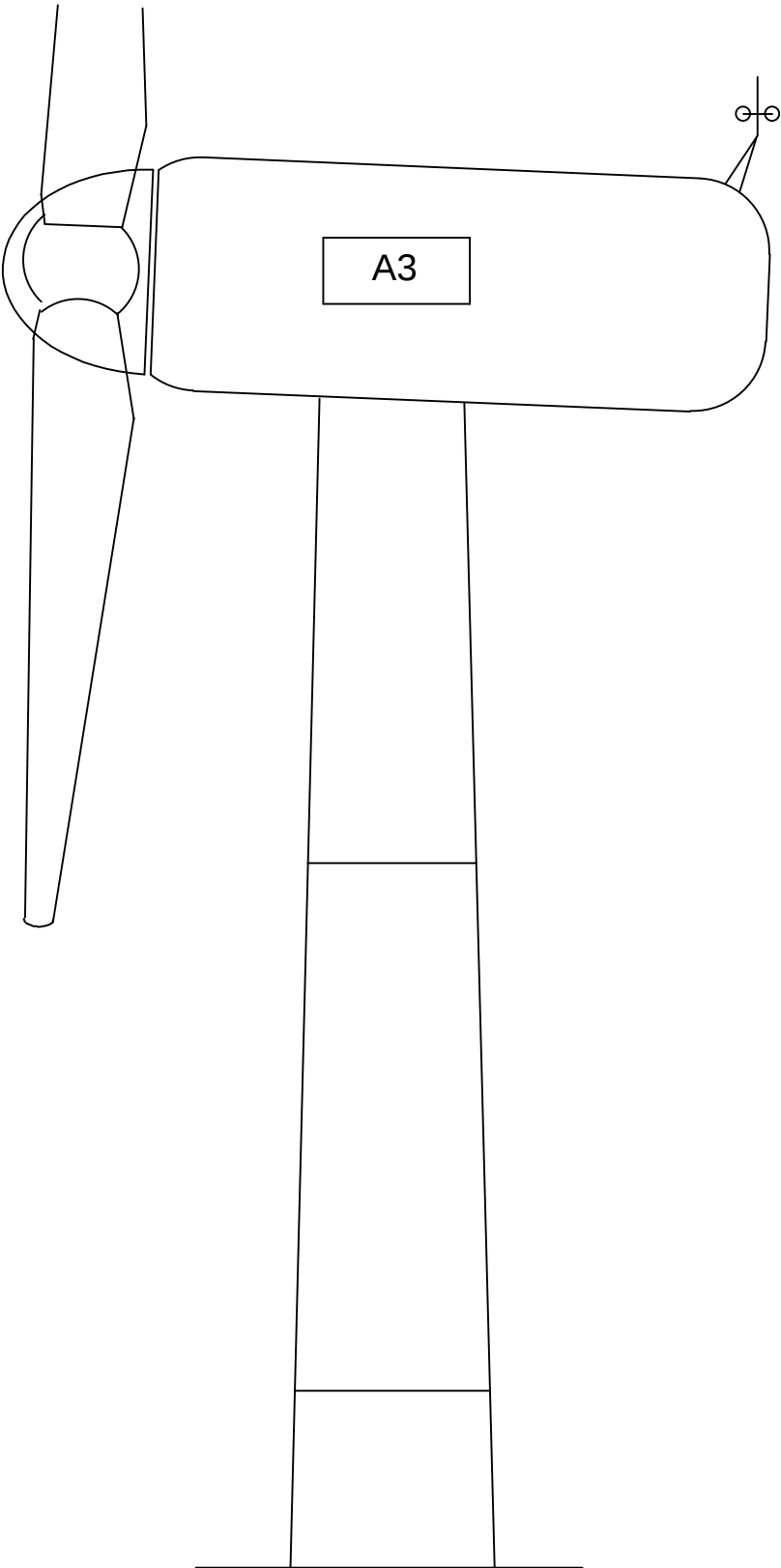
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		2014-05-28			+A306 COMPONENTS LIST	+A306	
		kk-responsible	Item-no.			ZCD-no:	+A306 C
		JASOE/mebje	214667MO			1040046	
				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.			
				+A306/C-1			

Components list

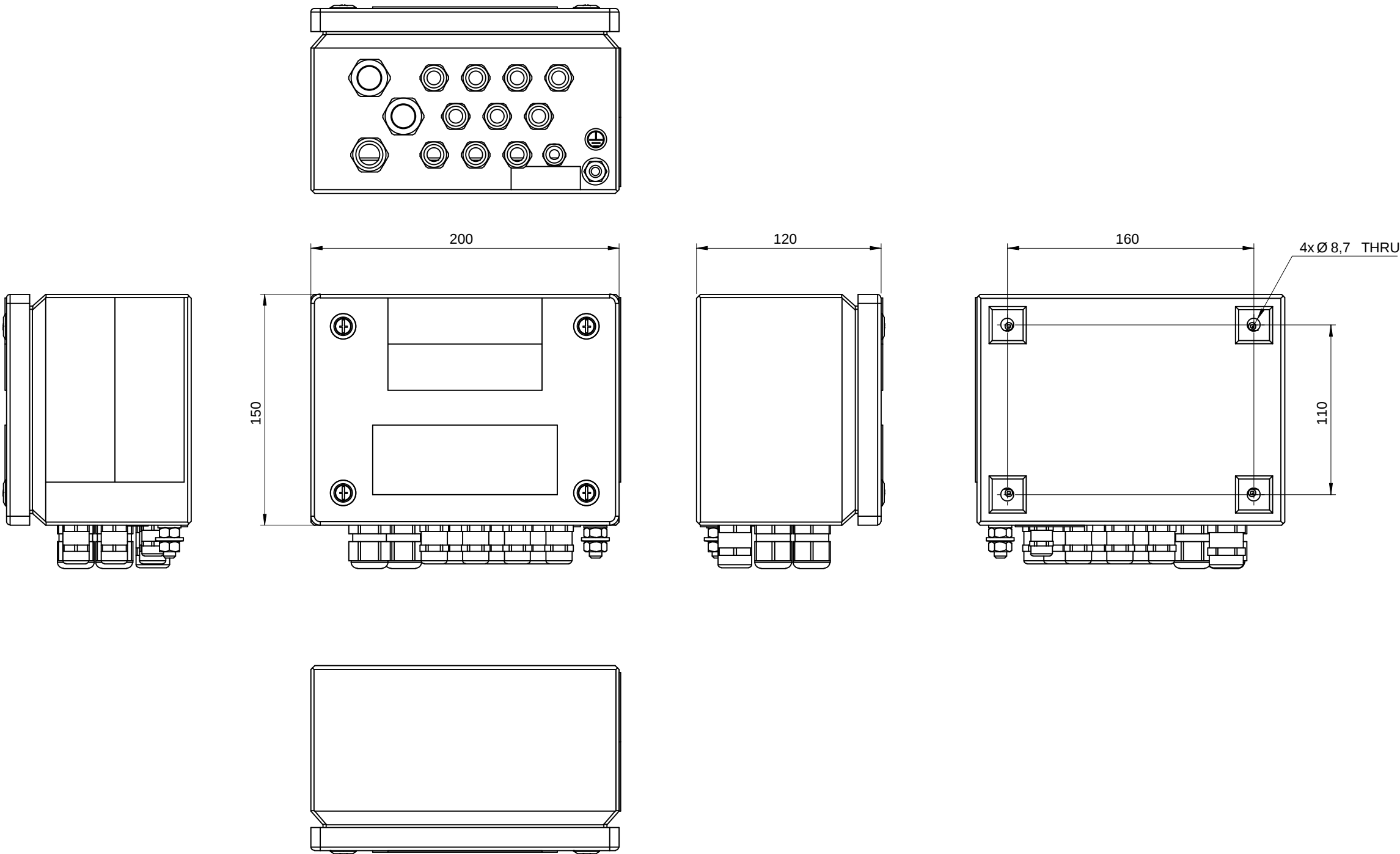
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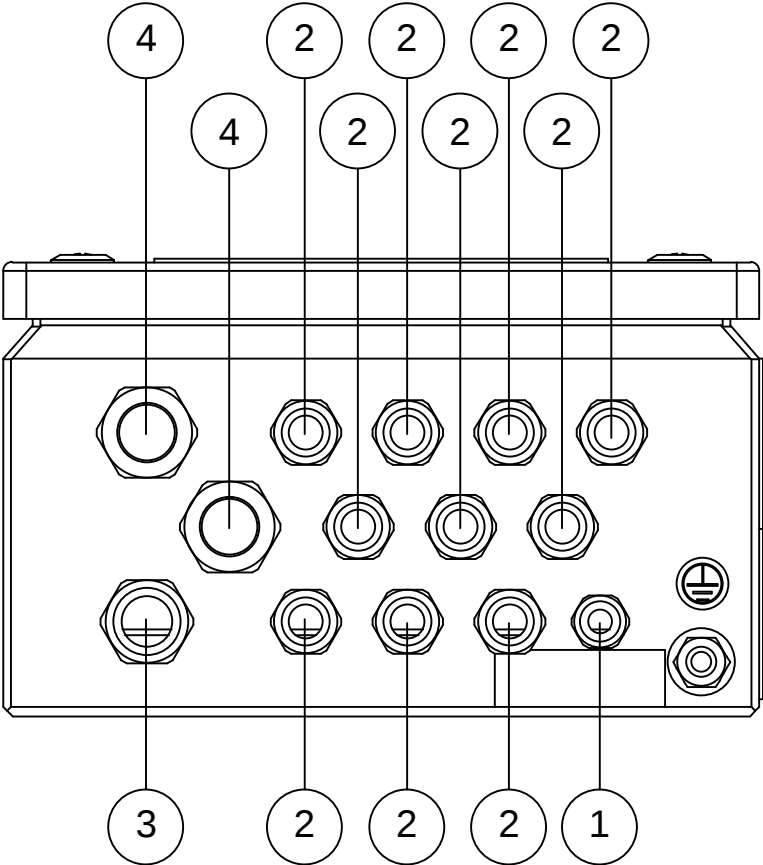
+A312 LAYOUTS

布局

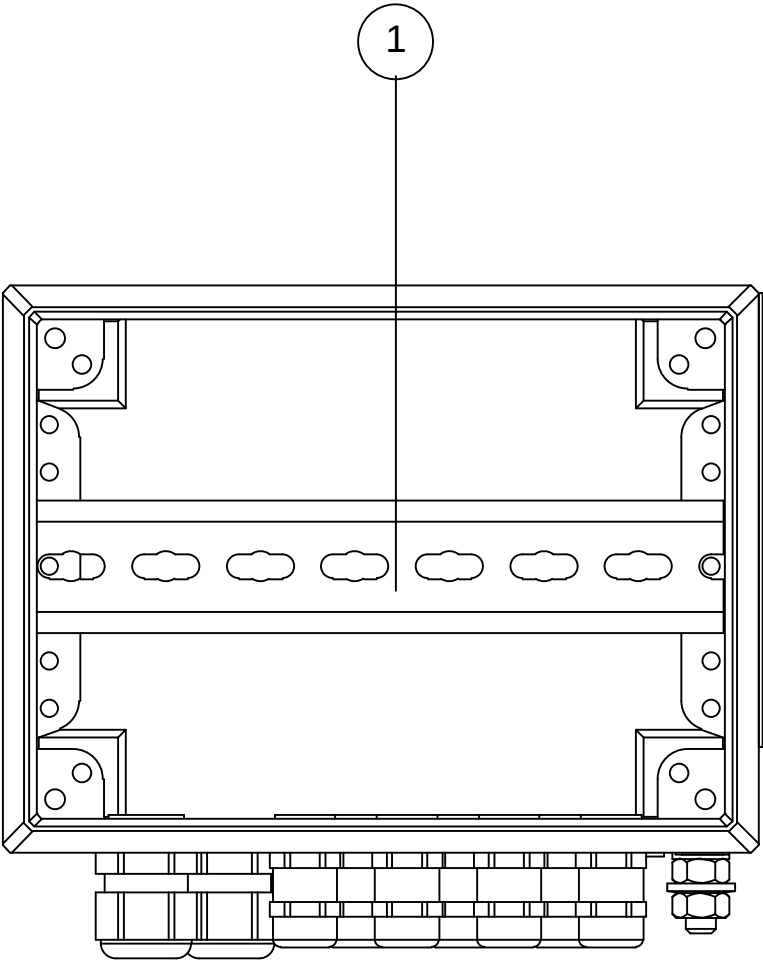


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		2014-05-28			+A312 LAYOUTS	+A312	
		kk-responsible	Item-no.			ZCD-no:	+A312 L
		JASOE/mebje	215420MO			1040046	
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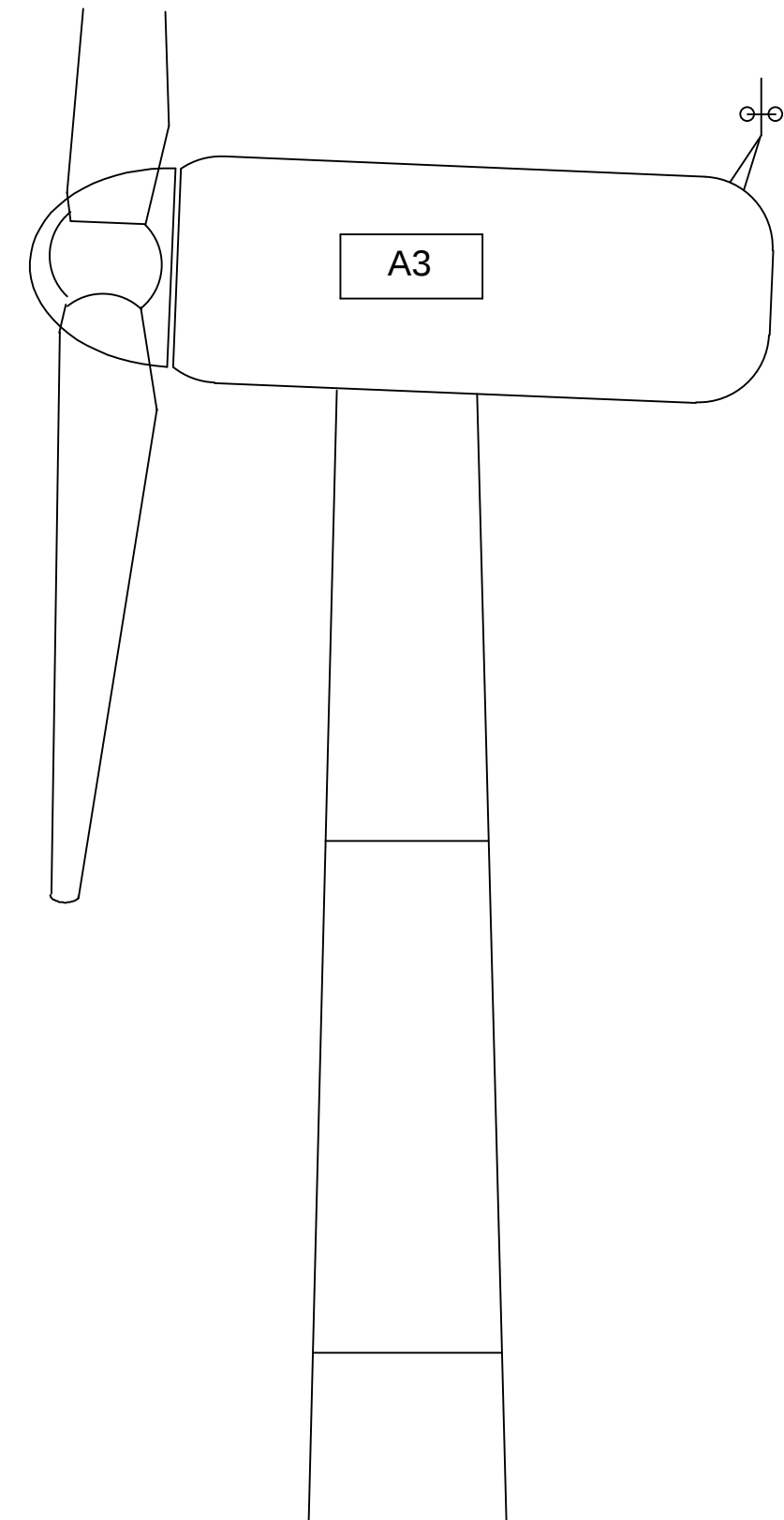
POS. NO.:	DESCRIPTION:	QTY.:
1	M12-EMC	1
2	M16-EMC	10
3	M20-EMC	1
4	M20-PLASTIC	2



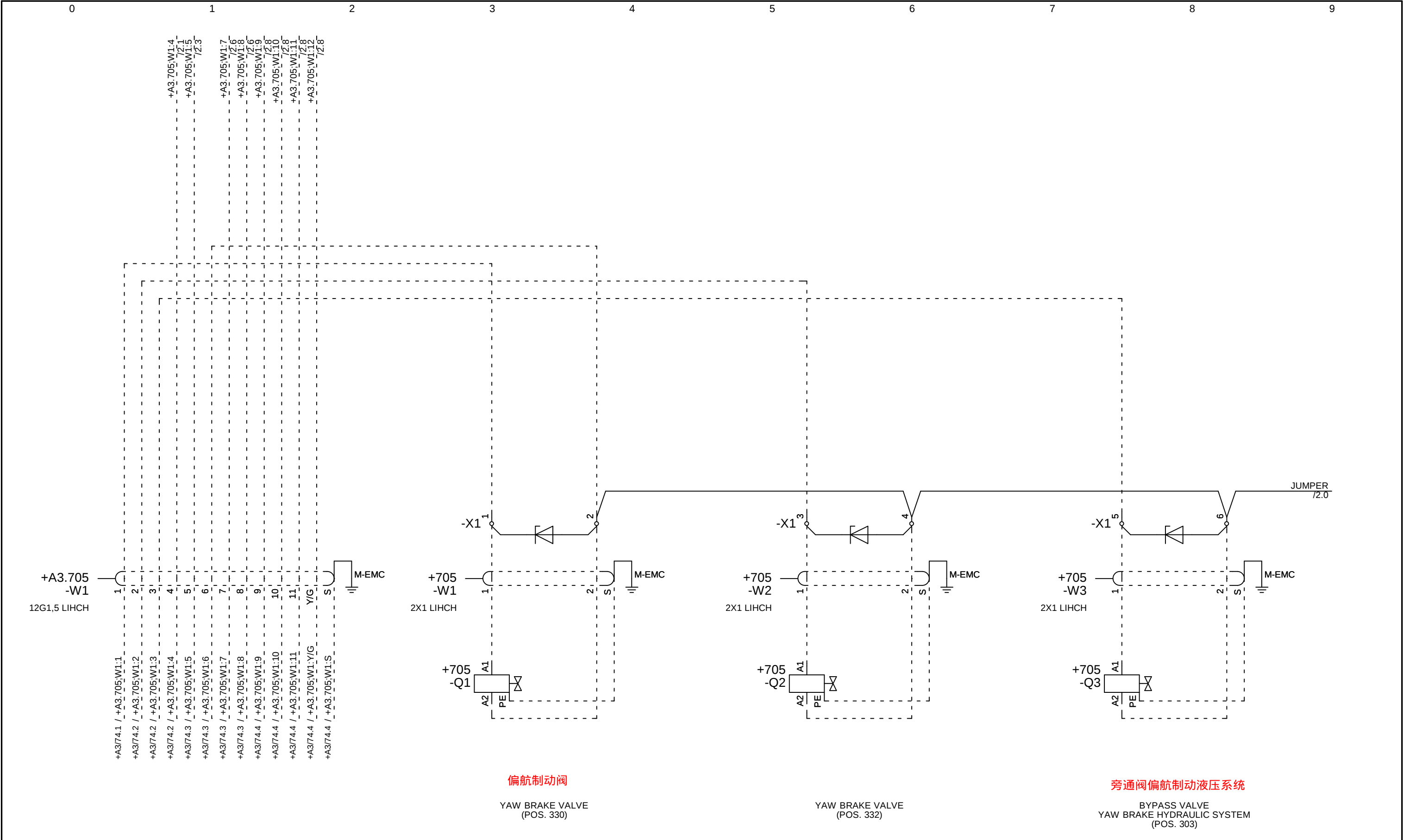
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+A312 DIAGRAM

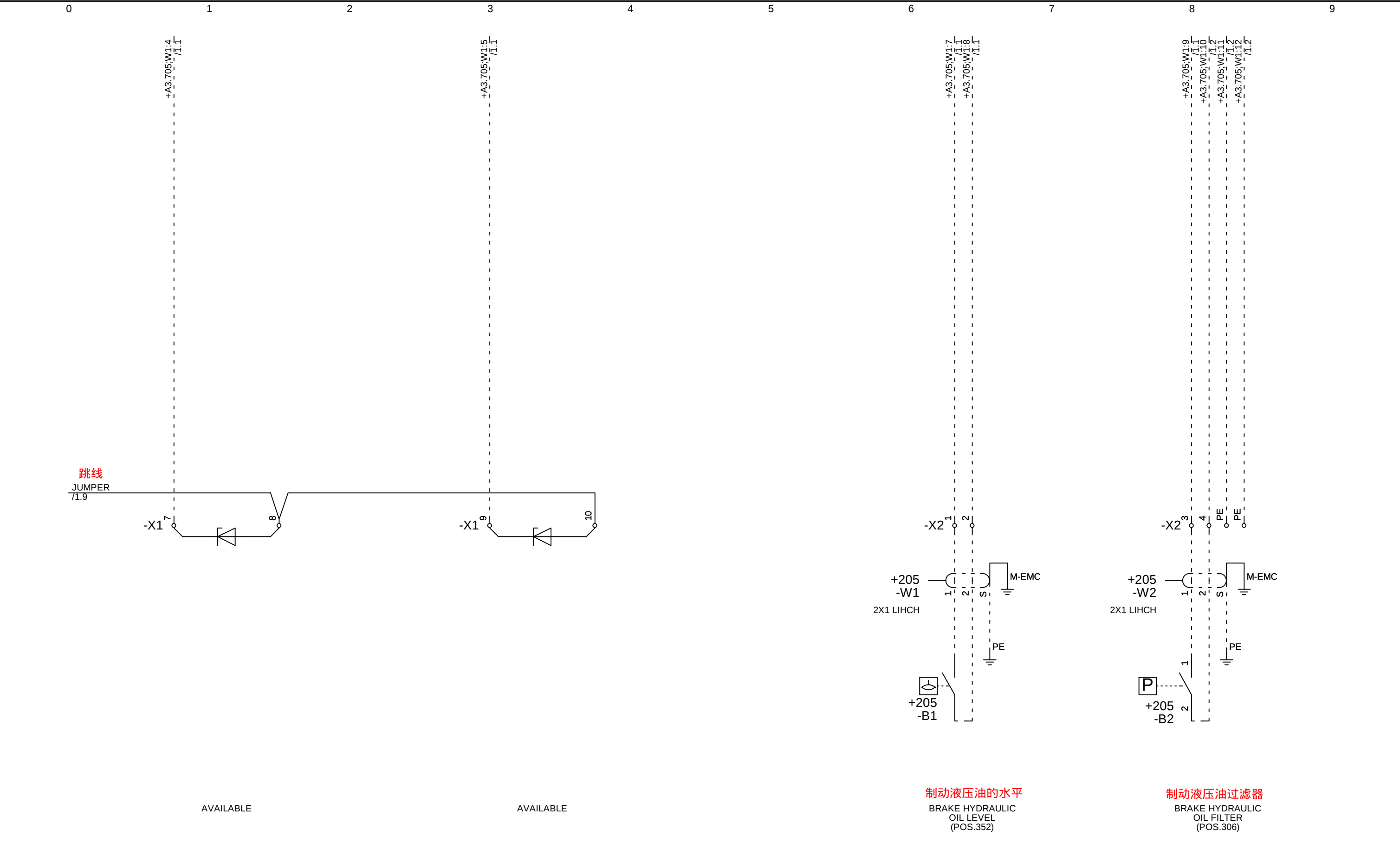
线图



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	JASOE/mebje	215420MO	1040046				
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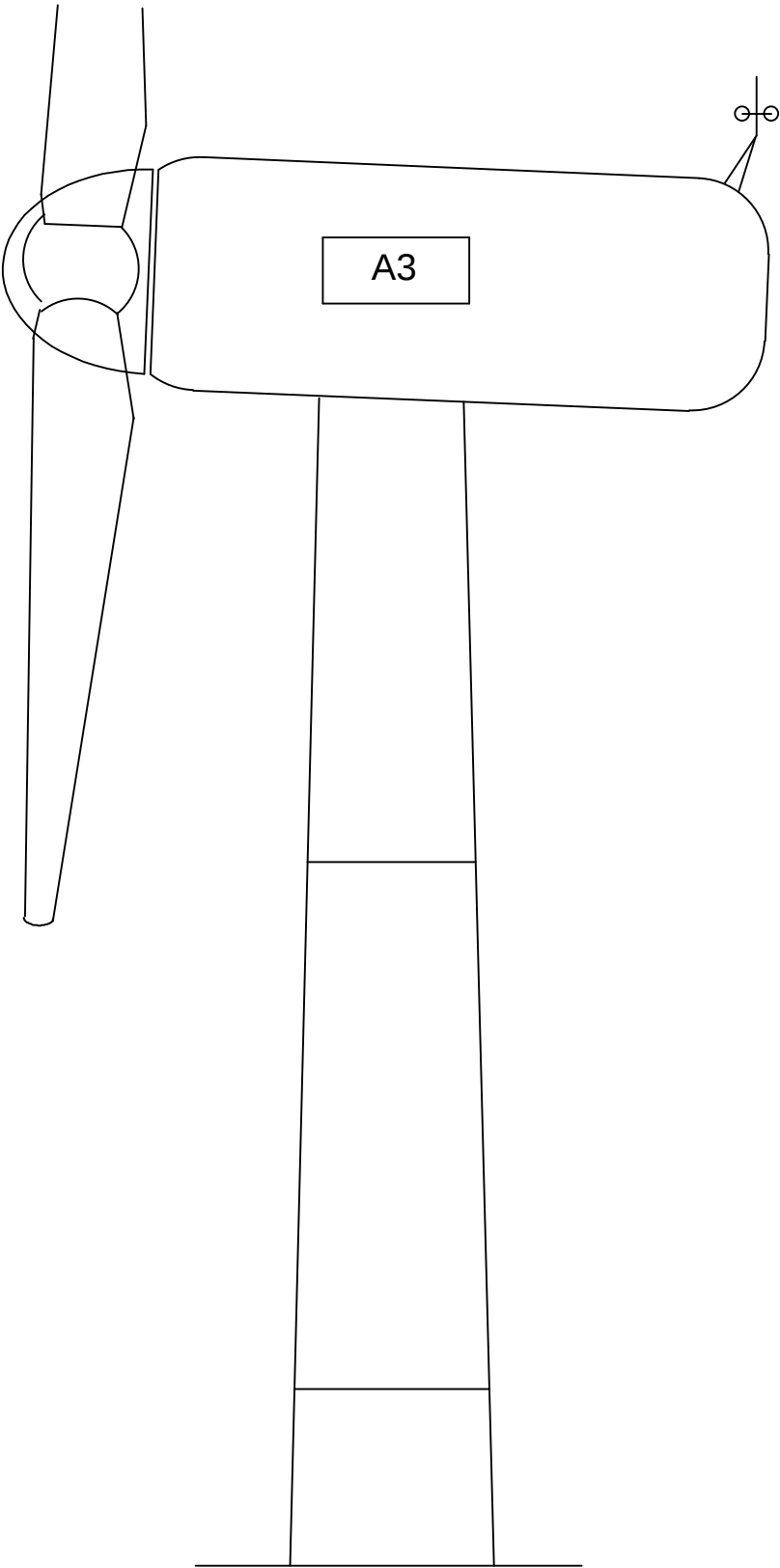
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		Item-no.	ZCD-no:		BRAKE/YAW	1
		JASOE/mebje	1040046			+A312/2



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+A312 COMPONENTS LIST

组件列表



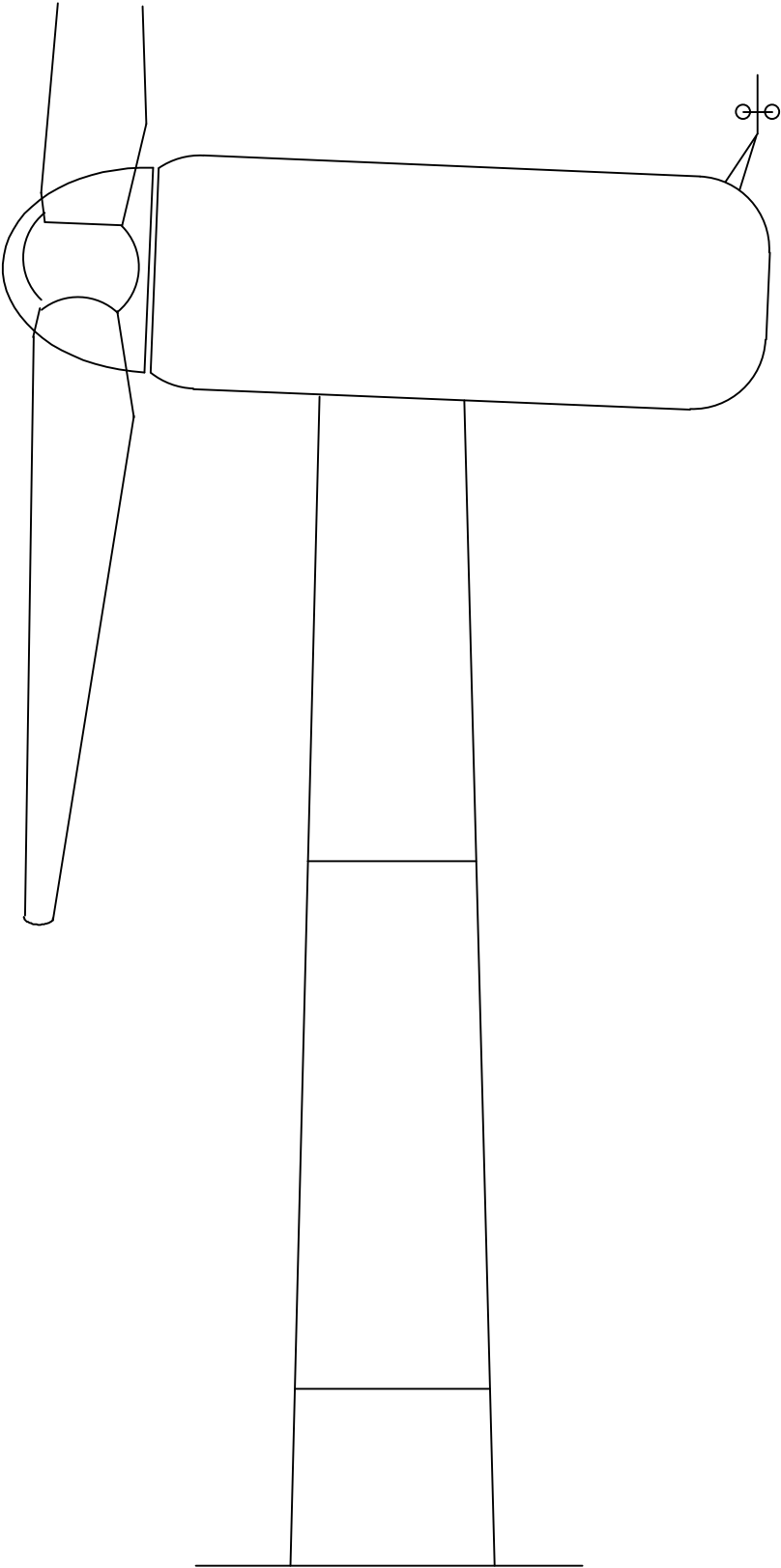
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		JASOE/mebje	215420MO				1040046
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+A312/C-1							

Components list

	Component name		Part number		Description	SWP no.	Manufacturer	Ref.	Qty.
1	+A312-X1		2002-121		Protective Warning Marker		Wago	/1.3	5
2	+A312-X1		2002-191		Conductor entry cover		Wago	/L-4.4	4
3	+A312-X1		2002-405		Push-in type jumper bar 5-way		Wago	/L-4.4	1
4	+A312-X1		2002-2211/1000-410		Double deck diode terminal block with diode 1N4007		Wago	/1.3	5
5	+A312-X1		2002-2292		End and intermediate plate		Wago	/1.3	1
6	+A312-X1		9708/2S35		End stop reinforced	A9B00083081	Wieland	/1.3	1
7	+A312-X2		2002-2231		Double deck terminal block	A9B10077638	Wago	/2.6	2
8	+A312-X2		2002-2237		Double deck terminal block		Wago	/2.8	1
9	+A312-X2		2002-2292		End and intermediate plate		Wago	/2.6	1
10	+A312-X3		2002-2231		Double deck terminal block	A9B10077638	Wago	/3.2	3
11	+A312-X3		2002-2257		2 deck-Conductor		Wago	/3.6	1
12	+A312-X3		2002-2292		End and intermediate plate		Wago	/3.2	1
13	+A312-X3		9708/2S35		End stop reinforced	A9B00083081	Wieland	/3.2	1
14	+A312-X4		209-190		Separating wall 3mm		Wago	/3.8	4
15	+A312-X4		2002-121		Protective Warning Marker		Wago	/3.8	3
16	+A312-X4		2002-2201/0057-0000		2-conductor 2.5-4mm2 Through Terminal Block UL 1000V		Wago	/3.9	3
17	+A312-X4		2002-2237		Double deck terminal block		Wago	/3.9	1
18	+A312-X4		9708/2S35		End stop reinforced	A9B00083081	Wieland	/3.8	1
19	+A312.200-M3		NOT_KK_DEL		Not delivered by kk		VARIOUS	/3.9	1
20	+A312.200-W3		06040030		Cable 4G1.5 LS0H H07BN4-F T1000	30903	Draka	/3.9	1
21	+A312.205-B1		NOT_KK_DEL		Not delivered by kk		VARIOUS	/2.6	1
22	+A312.205-B2		NOT_KK_DEL		Not delivered by kk		VARIOUS	/2.8	1
23	+A312.205-W1		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/2.6	1
24	+A312.205-W2		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/2.8	1
25	+A312.701-B1		NOT_KK_DEL		Not delivered by kk		VARIOUS	/3.2	1
26	+A312.701-B2		NOT_KK_DEL		Not delivered by kk		VARIOUS	/3.4	1
27	+A312.701-B3		9M010638		Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/3.5	1
28	+A312.701-W1		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/3.2	1
29	+A312.701-W2		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/3.4	1
30	+A312.701-W3		05990052		Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/3.5	1
31	+A312.705-Q1		NOT_KK_DEL		Not delivered by kk		VARIOUS	/1.3	1
32	+A312.705-Q2		NOT_KK_DEL		Not delivered by kk		VARIOUS	/1.5	1
33	+A312.705-Q3		NOT_KK_DEL		Not delivered by kk		VARIOUS	/1.8	1
34	+A312.705-W1		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/1.3	1
35	+A312.705-W2		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/1.5	1
36	+A312.705-W3		05990120		Cable 2X1 Lihch Datax	A9B00030554	Draka	/1.7	1
kk-electronic a/s		SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002	
			2014-05-28			COMPONENTS LIST		+A312	
			kk-responsible	Item-no.		ZCD-no:	C-1		
			JASOE/mebje	215420MO		1040046			
+A312/+A312 C						The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.			
						+A312/+A312 NEC			

+A312 NON ELECTRICAL COMPONENTS LIST

非电气元件列表



 kk-electronic a/s +A312/C-1	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002
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		kk-responsible	Item-no.				ZCD-no:
		JASOE/mebje	215420MO				1040046
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+A312/NEC-1							



Industrial Control Panel for Wind Turbine Generators

KK-electronic item no: 215420MO

Siemens Wind Power item no: A9B10056171

kk-electronic a/s Type Rating: Type 5

101



WARNING / AVERTISSEMENT

DISCONNECT
POWER
BEFORE
WORKING
WITHIN

DÉBRANCHER
LE COURANT
AVANT DE
TRAVAILLER À
L'INTERIEUR

1601

Tightening torque

20Nm

301



Recognized Component

Conforms to UL standard: UL508A

Certified to CAN/CSA standard: C22.2 No. 14-10

Intertek Control no: 4003248

102



CAUTION / ATTENTION

MORE THAN ONE
DISCONNECTING
MEANS
EMPLOYED.
OPEN ALL
DISCONNECTING
MEANS BEFORE
SERVICING

PLUSIEURS
DISPOSITIFS DE
SECTIONNEMENT
SONT UTILISÉS.
OUVRIR TOUS LES
SECTIONNEURS
AVANT DE
SERVICER

1801



CAUTION / ATTENTION

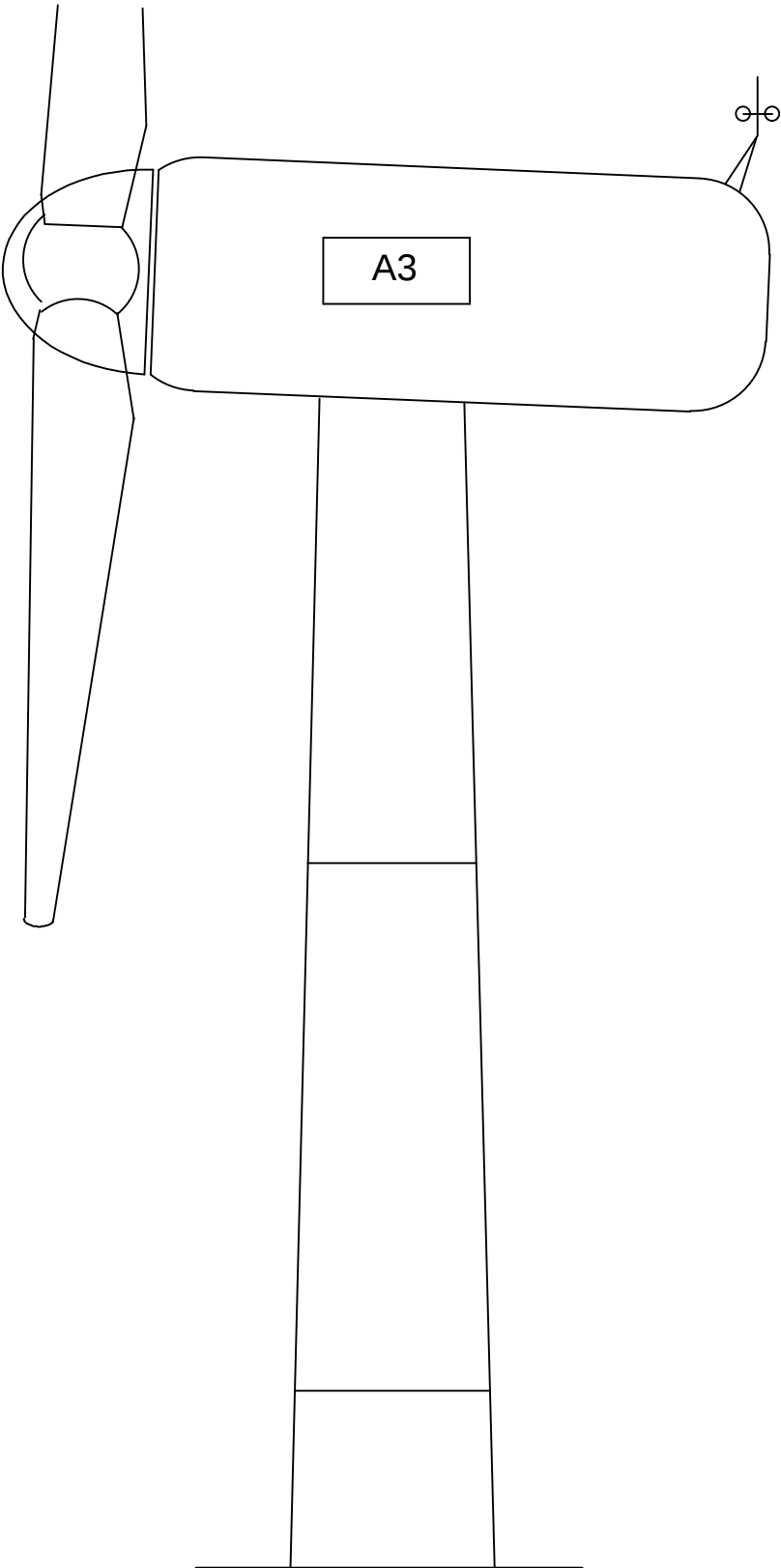
CIRCUIT NOT
DE-ENERGIZED
BY MAIN SWITCH.
DISCONNECT
ALL POWER
BEFORE
WORKING
WITHIN

LE CIRCUIT
N'EST PAS DÉACTIVE
PAR L'INTERRUPTEUR
PRINCIPAL.
DÉBRANCHER TOUTE
ALIMENTATION AVANT
DE TRAVAILLER
À L'INTERIEUR

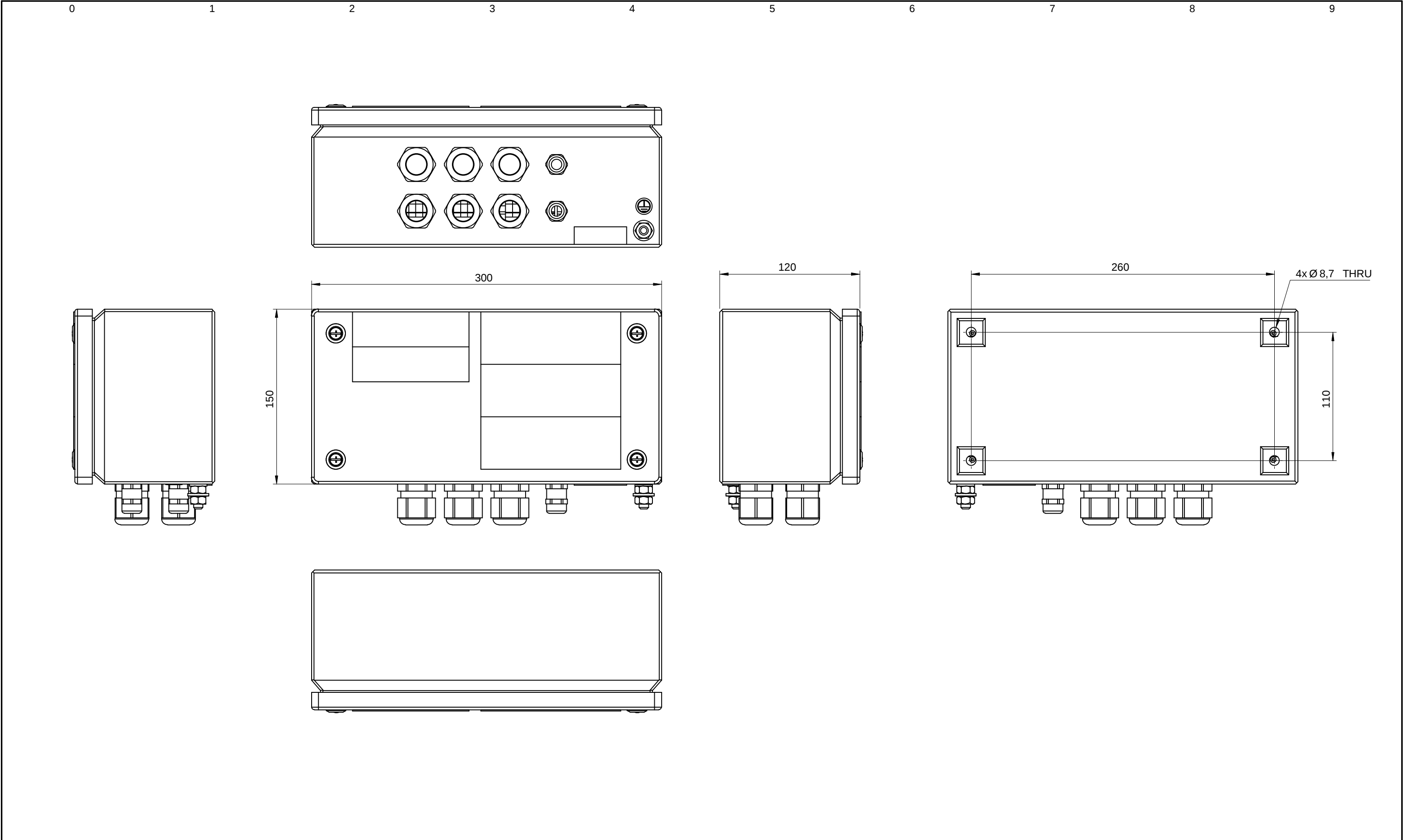
1901

+A315 LAYOUTS

布局

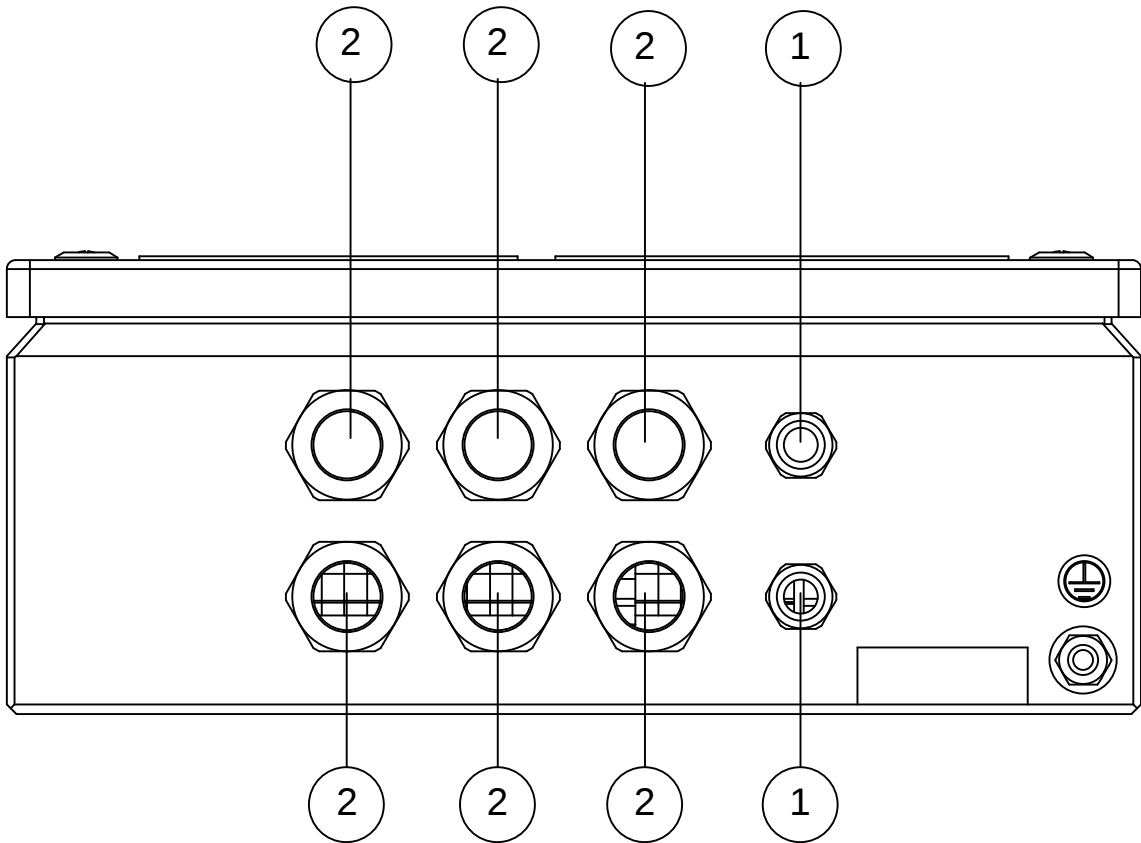


 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			+A315 LAYOUTS	+A315	
		kk-responsible	Item-no.			ZCD-no:	+A315 L
		JASOE/mebje	215421MO			1040046	
+A312/NEC-1		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A315/L-1	

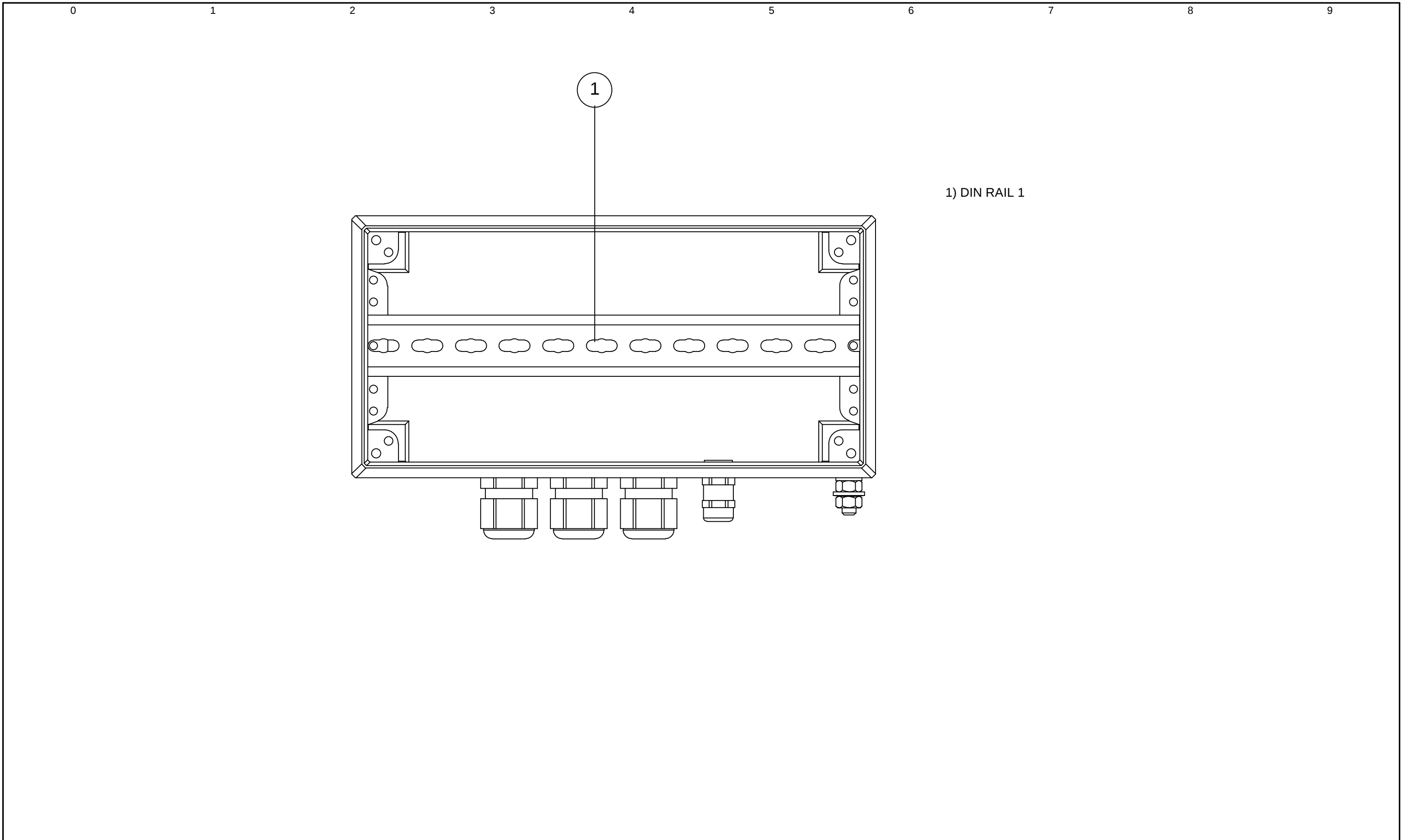


 kk-electronic a/s +A315/+A315 L	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002
		2014-05-28				+A315
		Item-no.	ZCD-no:		OVERVIEW LAYOUT	L-1
		JASOE/mebje	1040046			+A315/L-2

The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.



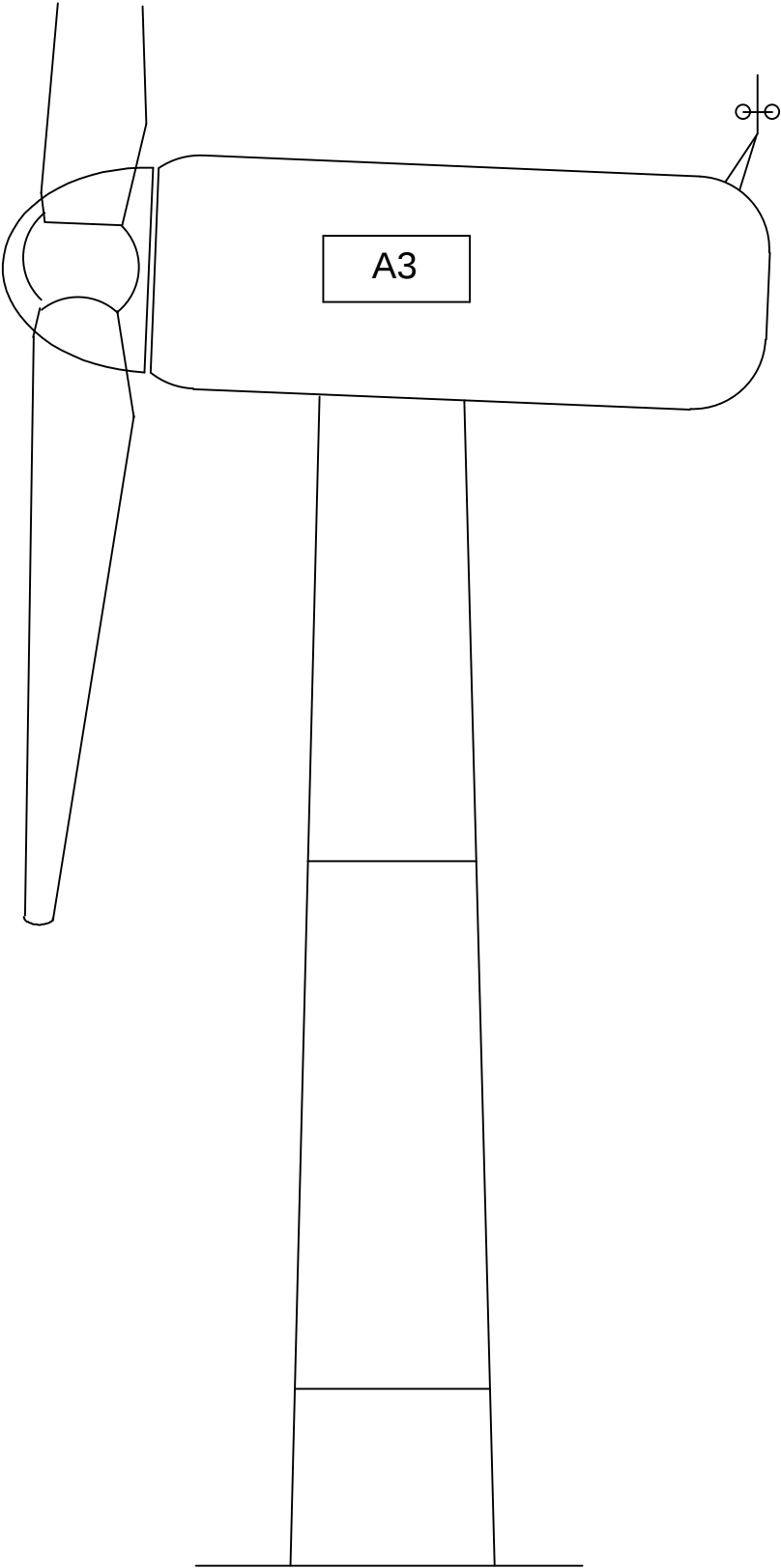
POS. NO.:	DESCRIPTION:	QTY.:
1	M16-EMC	2
2	M25-PLATIC	6



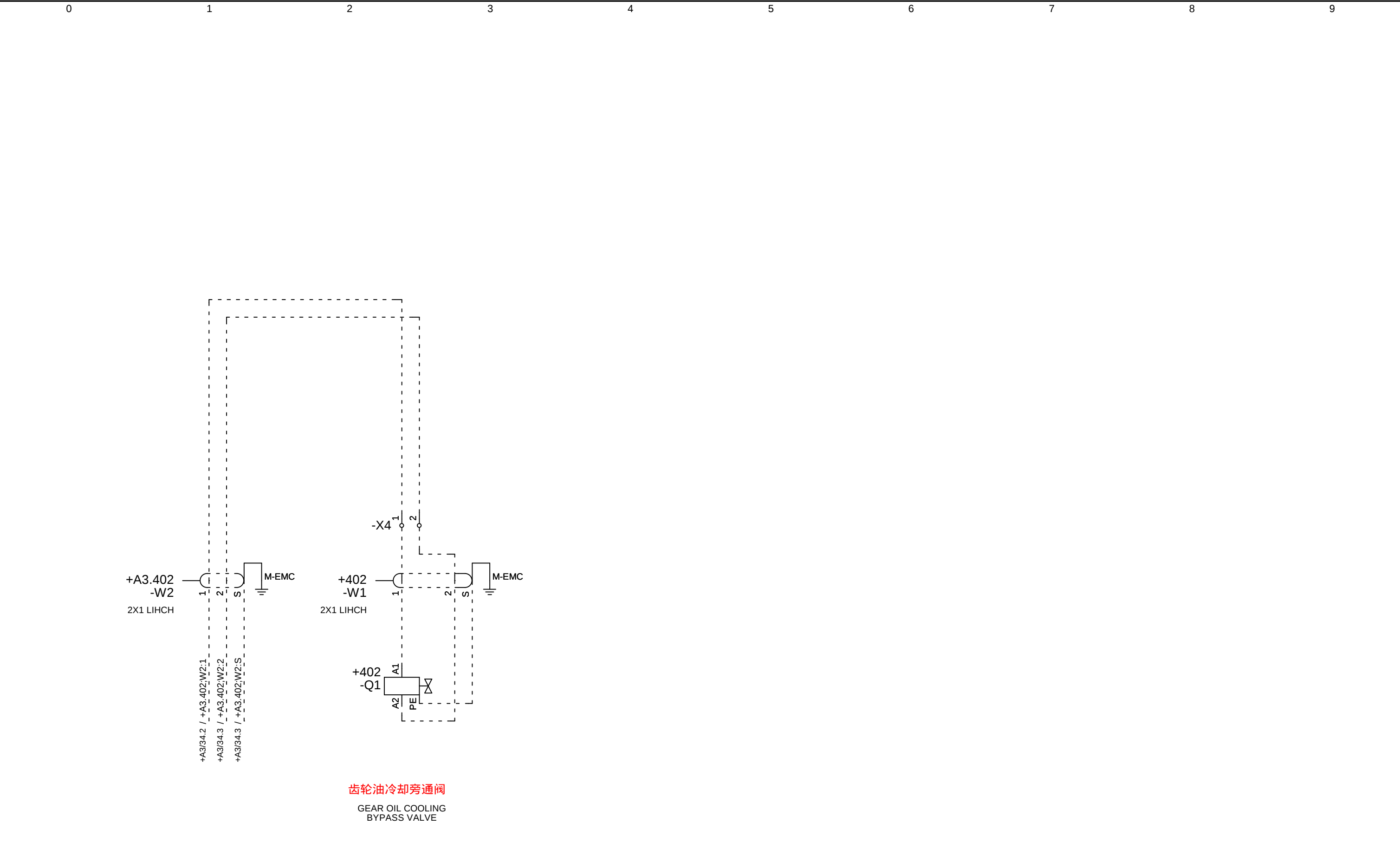
 kk-electronic a/s +A315/L-2	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content	=V304002	
		2014-05-28			LAYOUT INSIDE	+A315	
		kk-responsible	Item-no.			ZCD-no:	L-3
		JASOE/mebje	215421MO			1040046	
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.							
+A315/L-4							

+A315 DIAGRAM

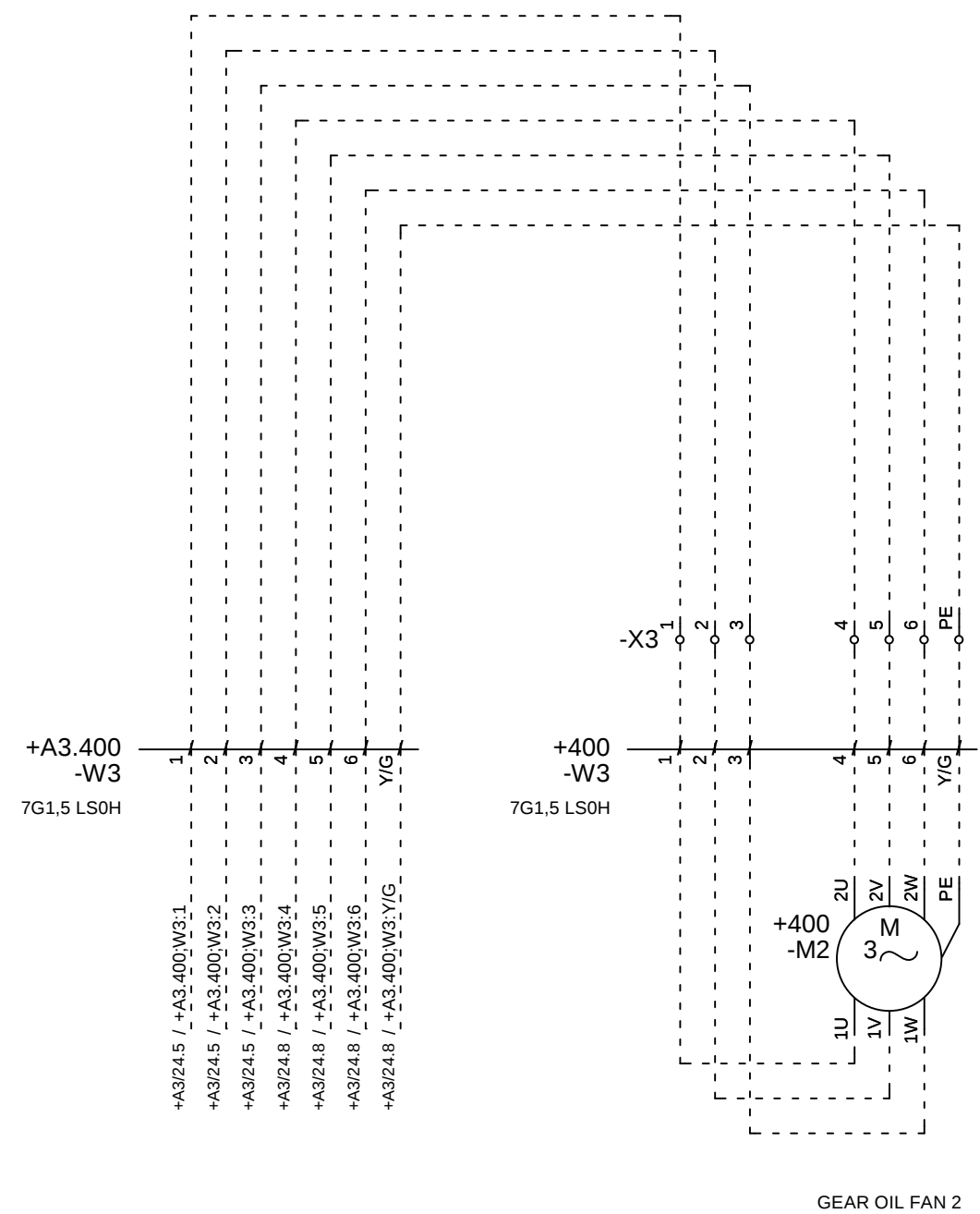
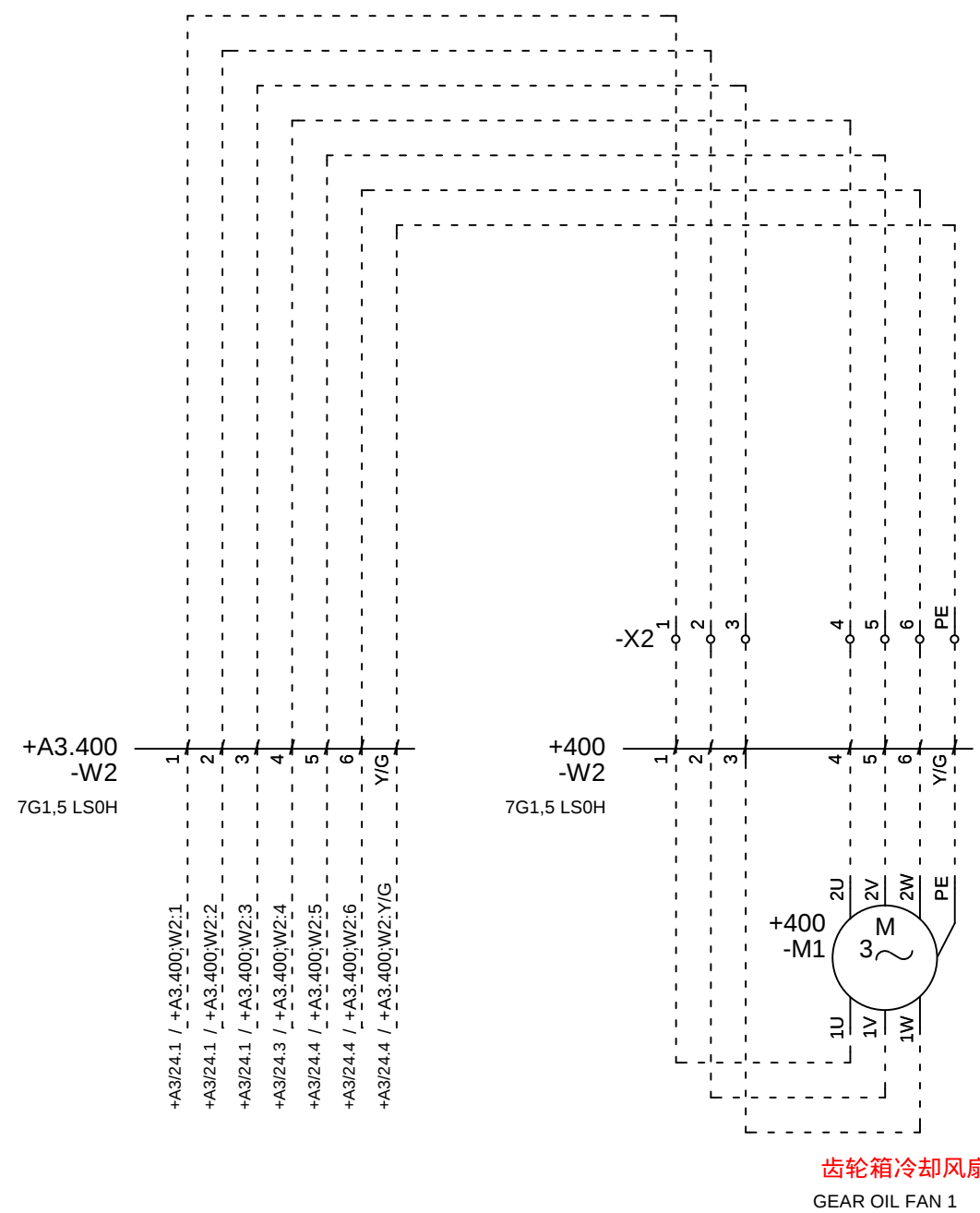
线图



 kk-electronic a/s +A315/L-4	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			+A315 DIAGRAM	+A315
		Item-no.	ZCD-no:			+A315 D
		JASOE/mebje	215421MO			
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						
						+A315/1



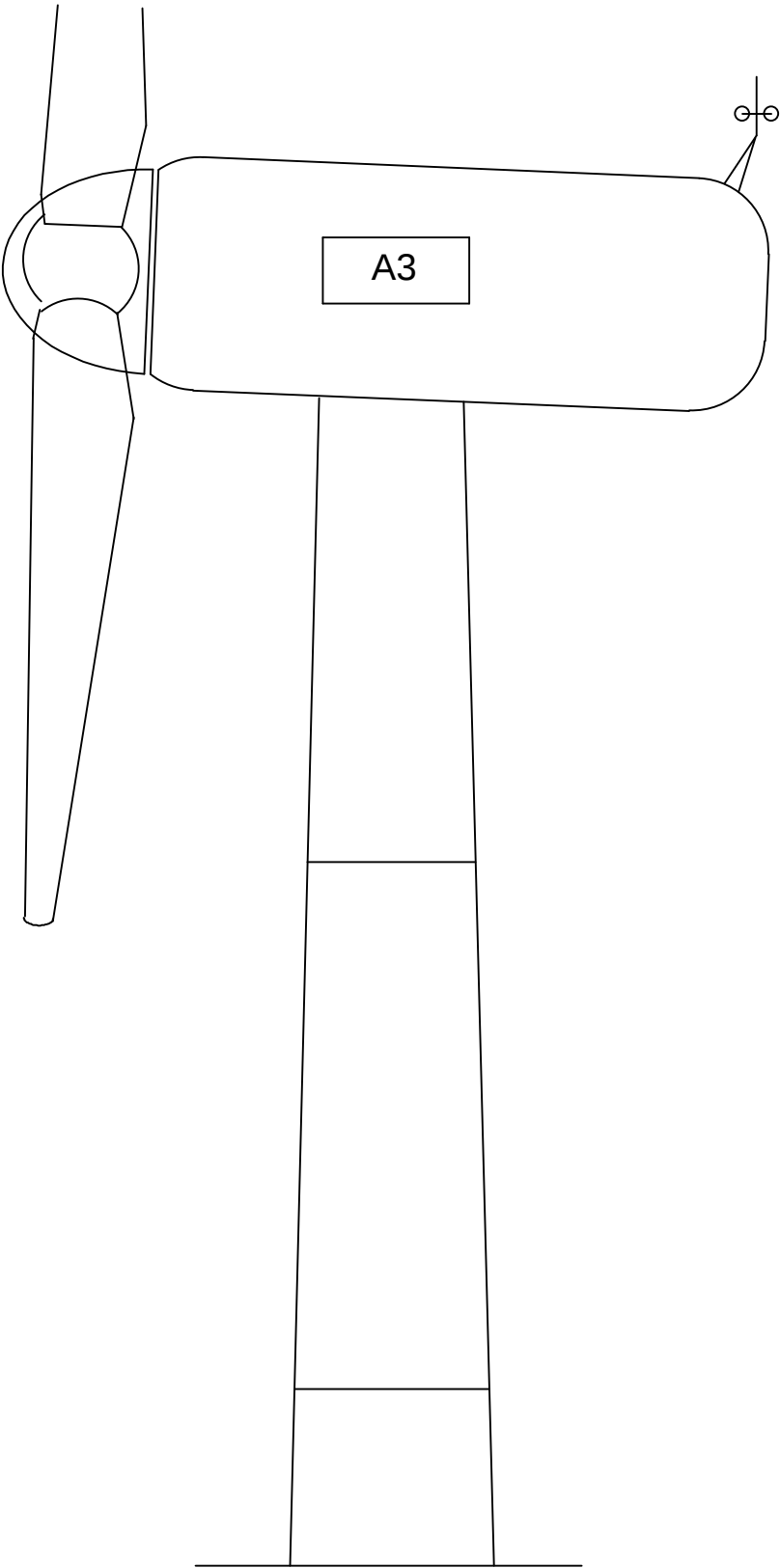
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		2014-05-28			102: GENERATOR COOLING FAN	+A315
		Item-no.	ZCD-no:		402: GEAR OIL COOLING BYPASS VALVE	1
		JASOE/mebje	215421MO		1040046	
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						
+A315/2						



 SIEMENS kk-electronic a/s	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
	2014-05-28			400: GEAR OIL FAN	+A315
	Item-no.	ZCD-no:			2
	JASOE/mebje	1040046			
+A315/1	The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A315/+A315 C

+A315 COMPONENTS LIST

组件列表

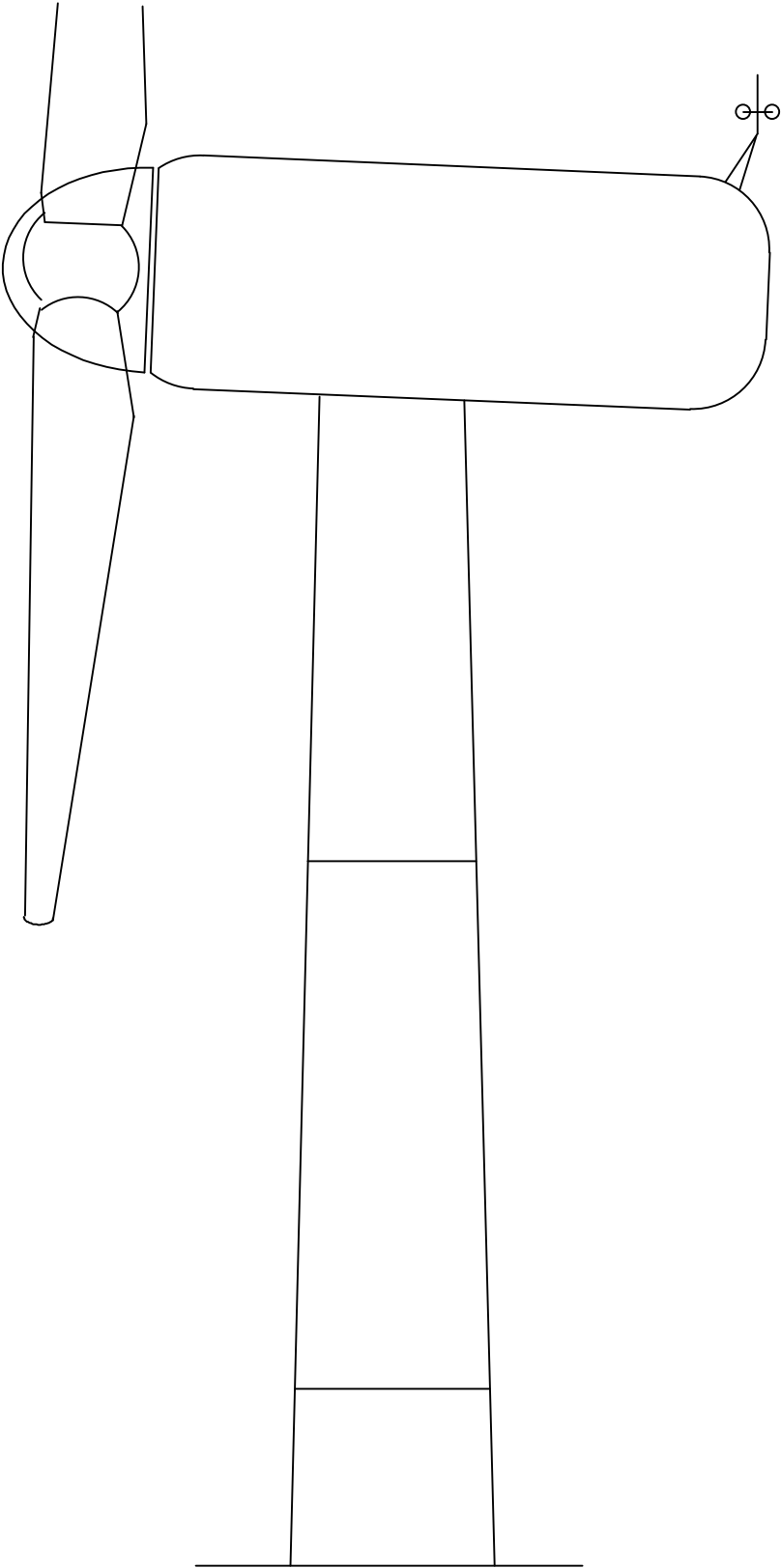


 kk-electronic a/s +A315/2	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content		=V304002	
		2014-05-28			+A315 COMPONENTS LIST		+A315	
		kk-responsible	Item-no.				ZCD-no:	
		JASOE/mebje	215421MO				1040046	+A315 C
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.								
								+A315/C-1

Components list

+A315 NON ELECTRICAL COMPONENTS LIST

非电气元件列表



 kk-electronic a/s +A315/C-1	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002	
		2014-05-28			+A315 NON ELECTRICAL COMPONENTS LIST		+A315	
		kk-responsible	Item-no.				ZCD-no:	
		JASOE/mebje	215421MO				1040046	+A315 NEC
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								+A315/NEC-1



Industrial Control Panel for Wind Turbine Generators

KK-electronic item no: **215421MO**

Siemens Wind Power item no: **A9B10055346**

kk-electronic a/s Type Rating: **Type 5**

101



WARNING / AVERTISSEMENT

DISCONNECT
POWER
BEFORE
WORKING
WITHIN

DÉBRANCHER
LE COURANT
AVANT DE
TRAVAILLER À
L'INTERIEUR

1601

Tightening torque

20Nm

301



Recognized Component

Conforms to UL standard: **UL508A**

Certified to CAN/CSA standard: **C22.2 No. 14-10**

Intertek Control no: **4003248**

102



CAUTION / ATTENTION

MORE THAN ONE
DISCONNECTING
MEANS
EMPLOYED.
OPEN ALL
DISCONNECTING
MEANS BEFORE
SERVICING

PLUSIEURS
DISPOSITIFS DE
SECTIONNEMENT
SONT UTILISÉS.
OUVRIR TOUS LES
SECTIONNEURS
AVANT DE
SERVICER

1801



CAUTION / ATTENTION

CIRCUIT NOT
DE-ENERGIZED
BY MAIN SWITCH.
DISCONNECT
ALL POWER
BEFORE
WORKING
WITHIN

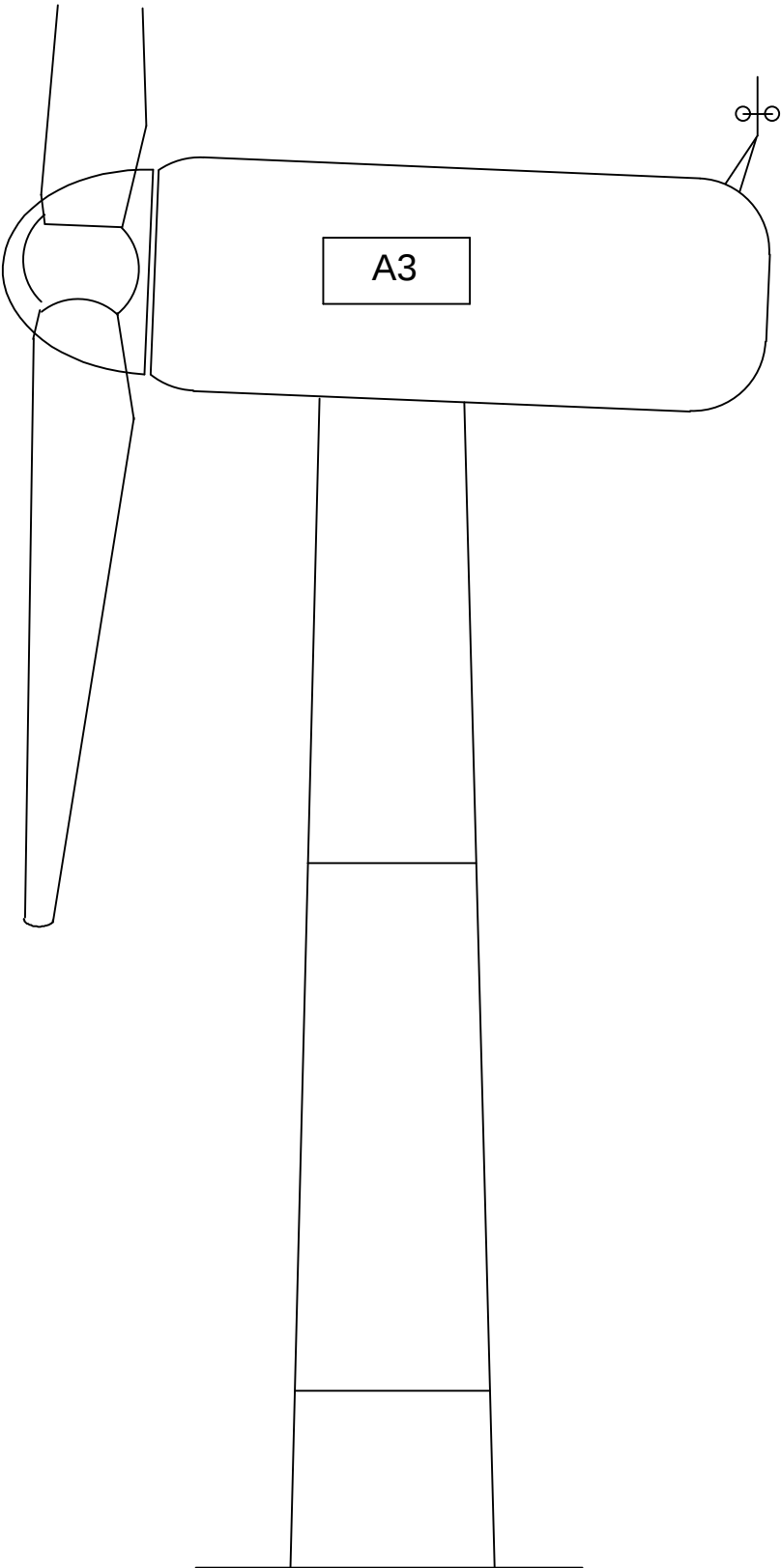
LE CIRCUIT
N'EST PAS DÉACTIVE
PAR L'INTERUPTEUR
PRINCIPAL.
DÉBRANCHER TOUTE
ALIMENTATION AVANT
DE TRAVAILLER
À L'INTERIEUR

1901

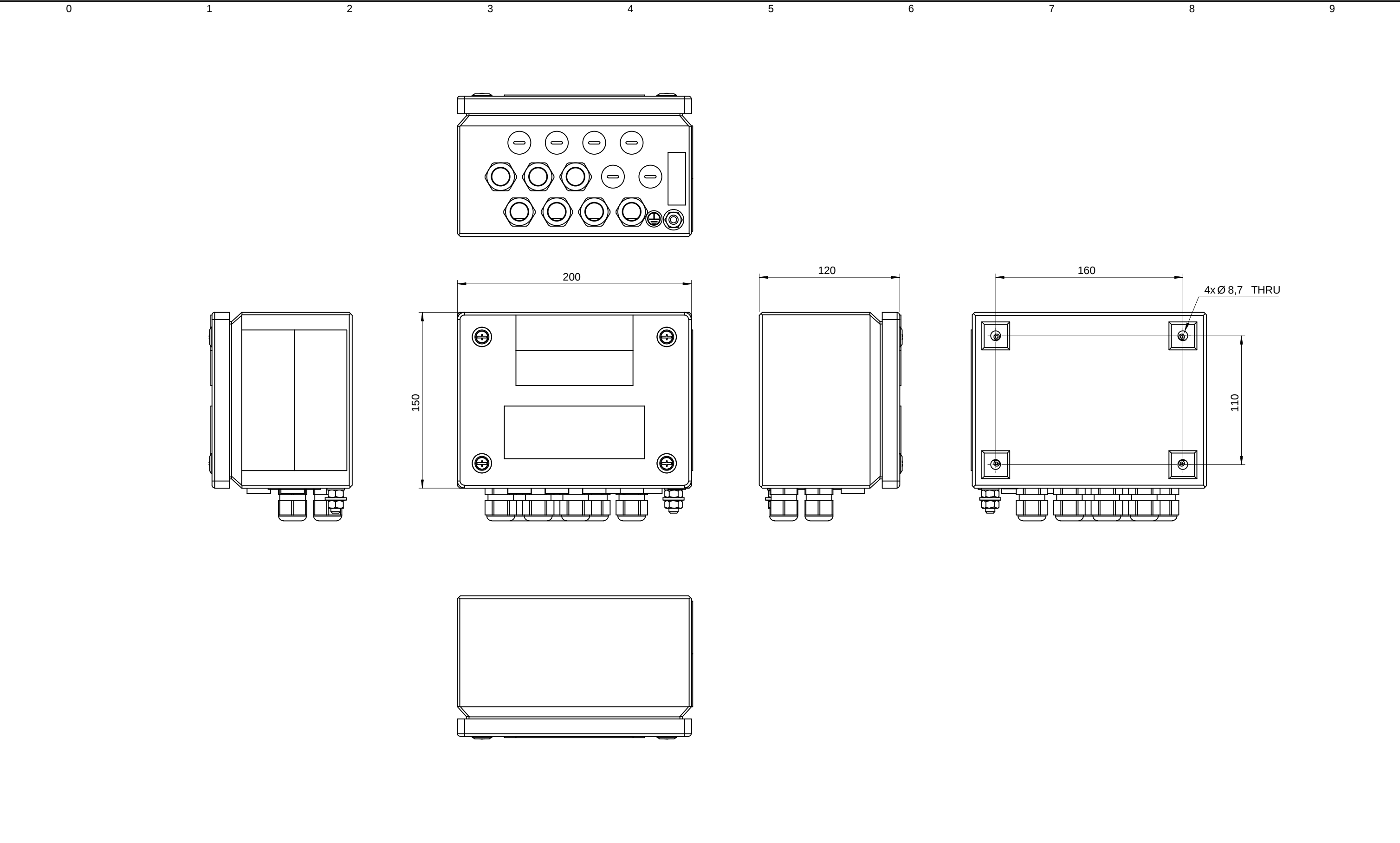
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		2014-05-28			NON ELECTRICAL COMPONENTS LIST	+A315
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		215421MO	1040046			+A316/+A316 L

+A316 LAYOUTS

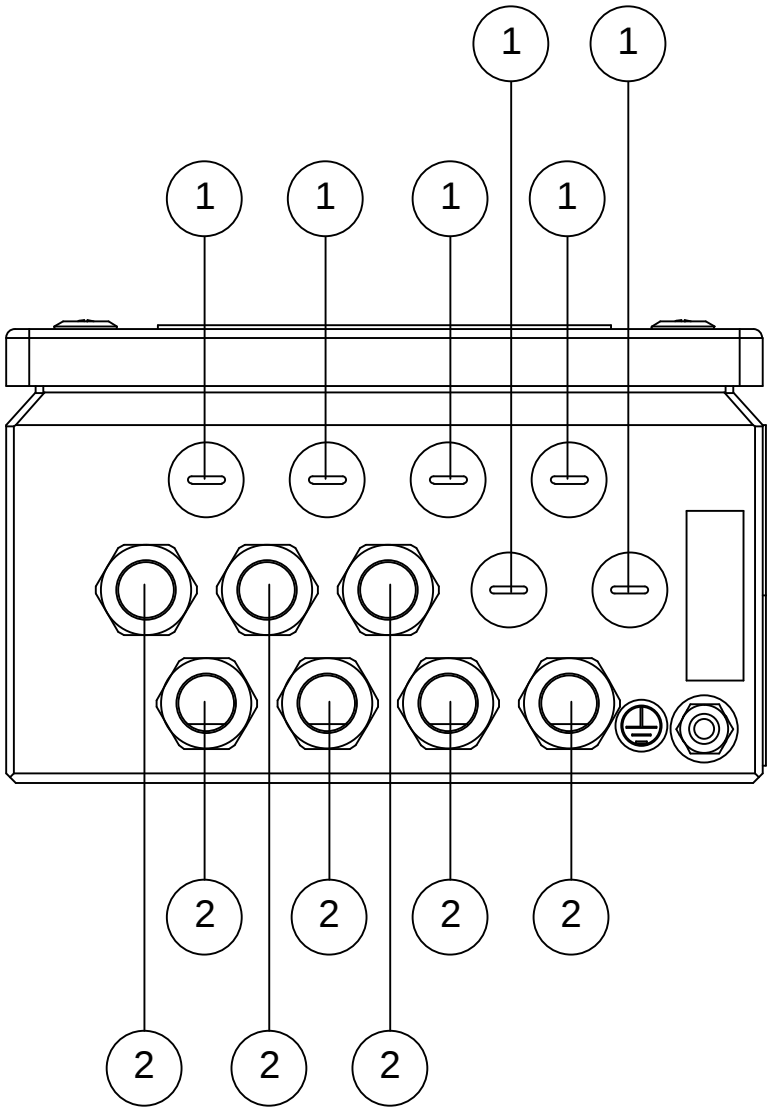
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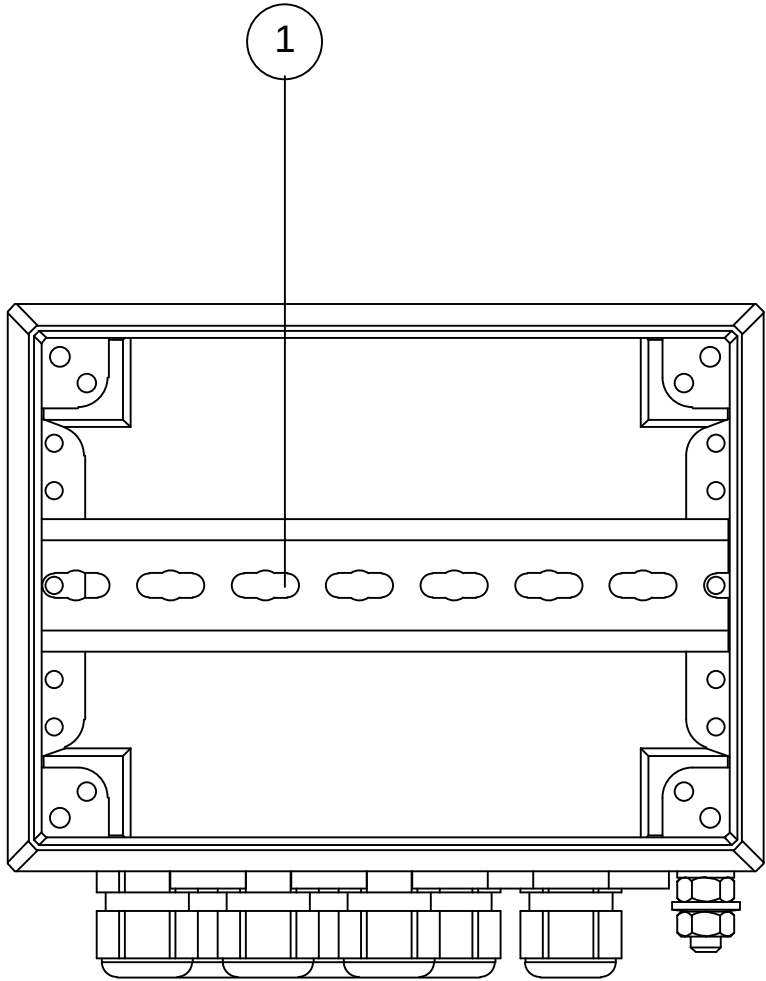
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		2014-05-28			+A316 LAYOUTS	+A316	
		kk-responsible	Item-no.			ZCD-no:	+A316 L
		JASOE/mebje	215422MO			1040046	
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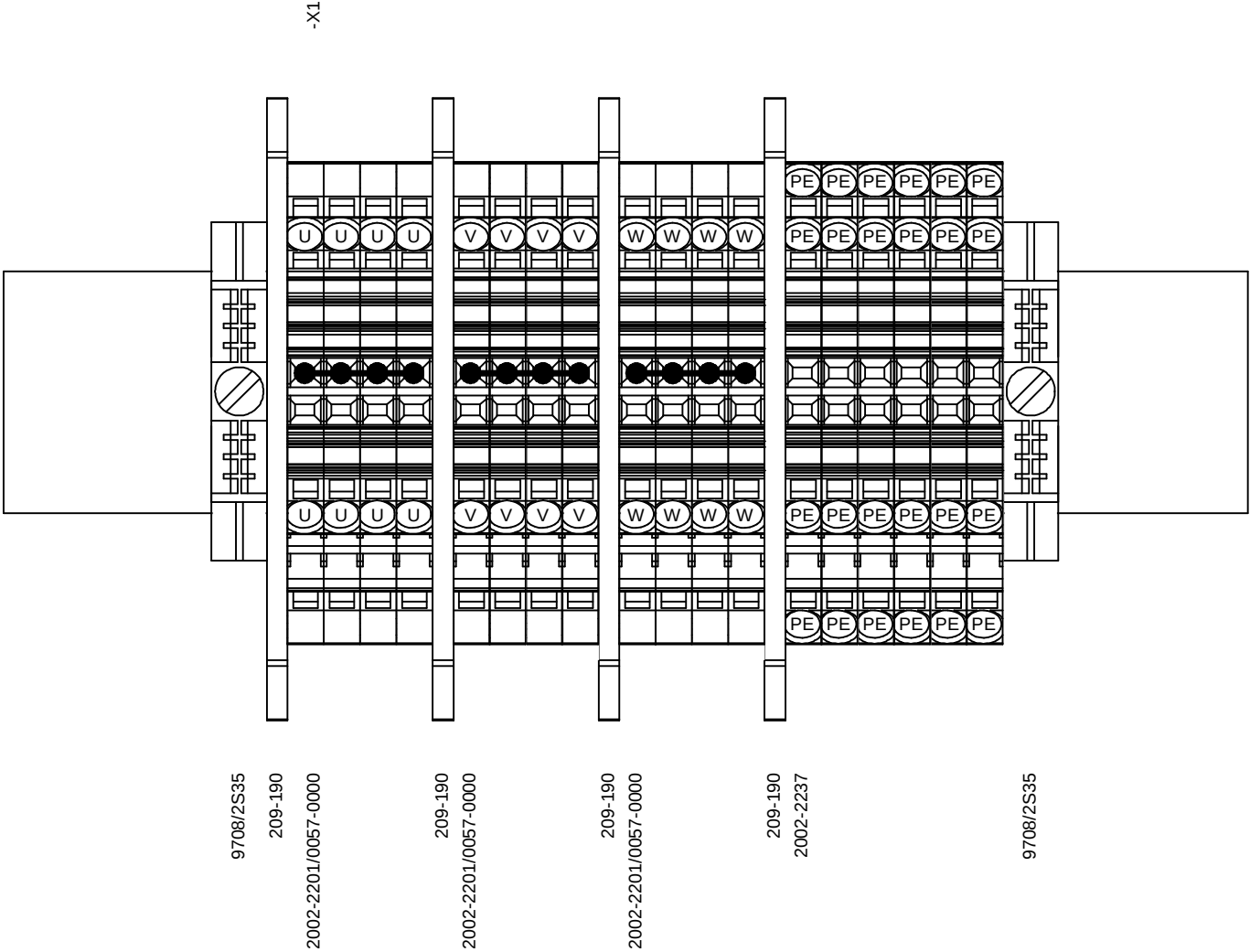
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		2014-05-28			OVERVIEW LAYOUT	+A316
		kk-responsible	Item-no.		ZCD-no:	L-1
		JASOE/mebje	215422MO		1040046	
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POS. NO.:	DESCRIPTION:	QTY.:
1	M16 PLUG - PLASTIC	6
2	M20 - PLASTIC	7

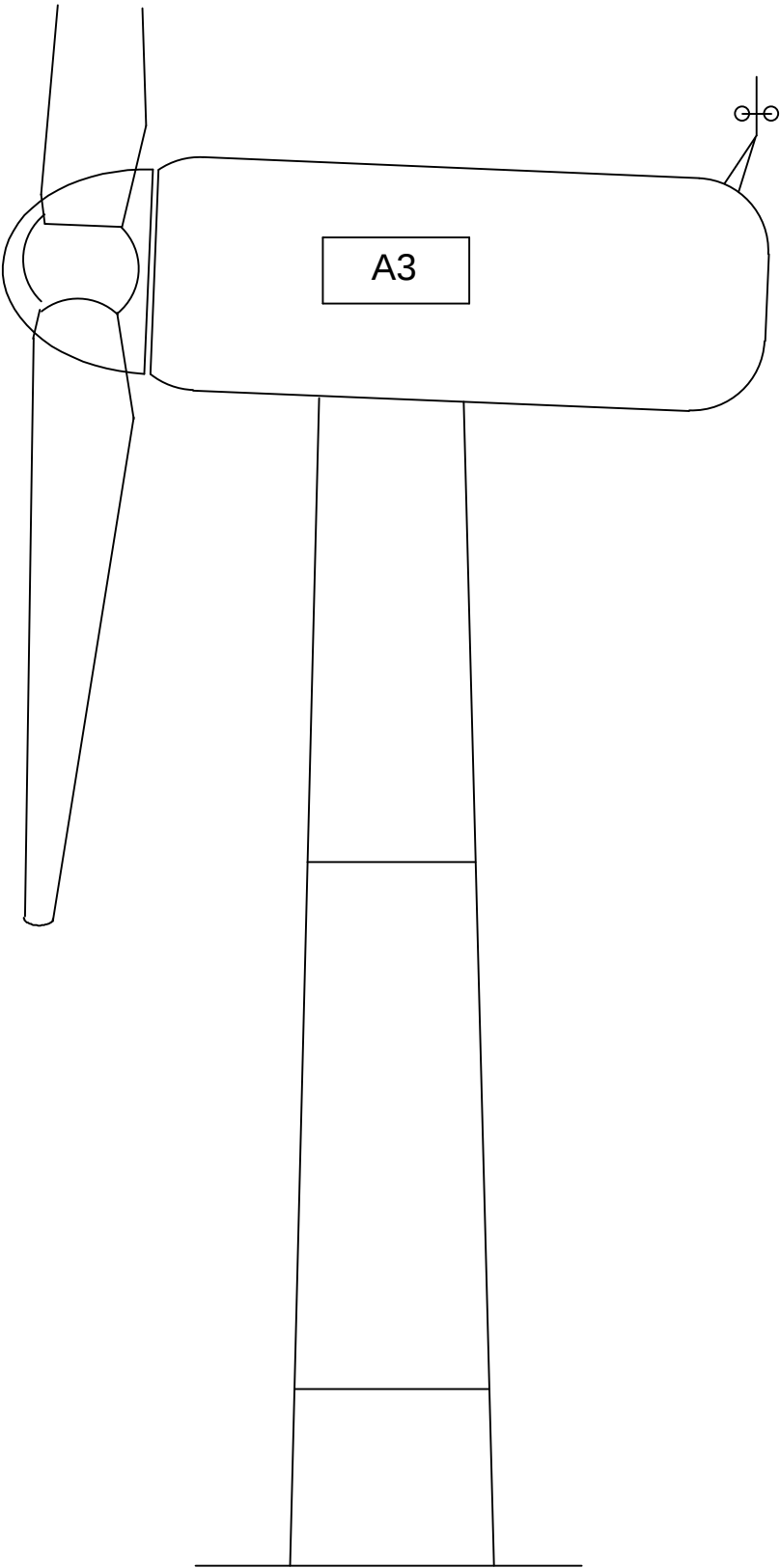


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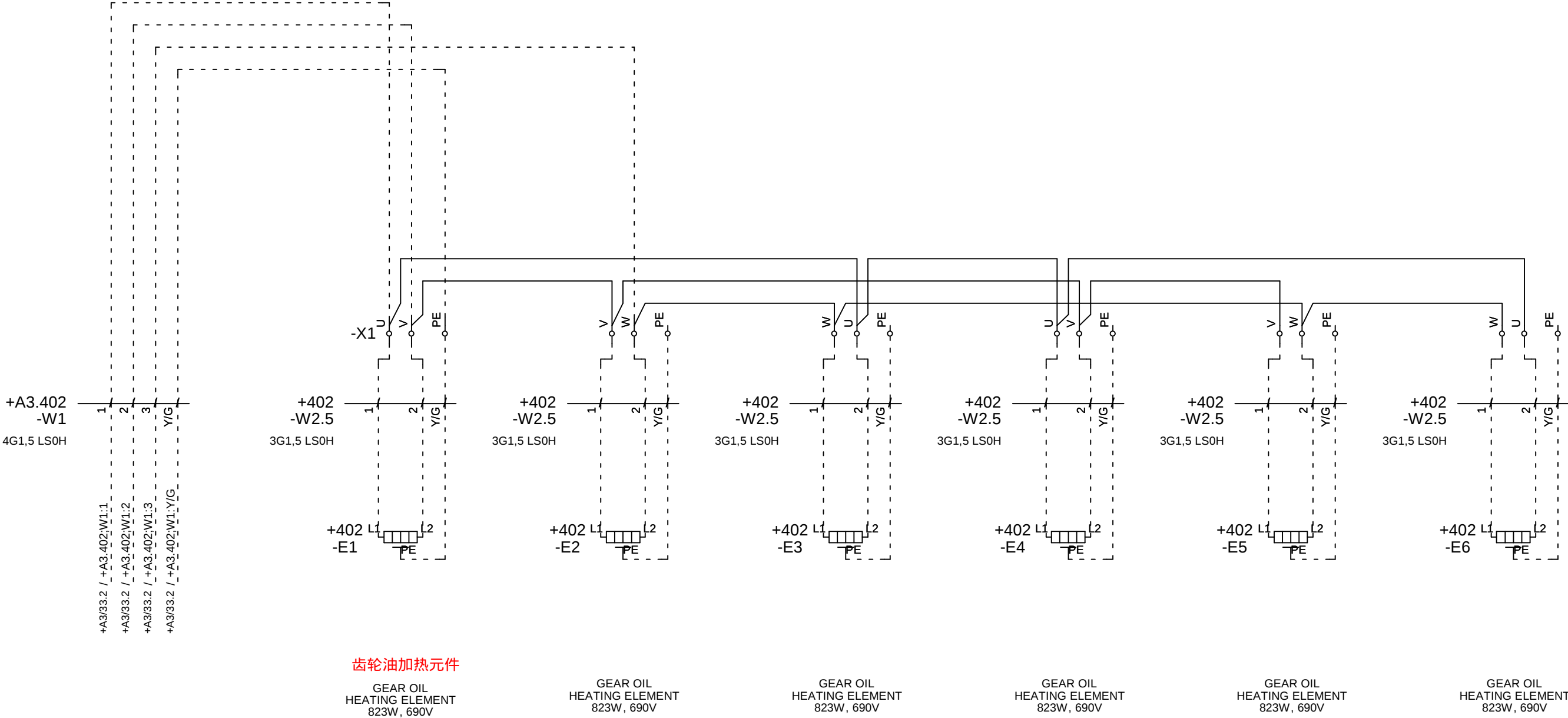


+A316 DIAGRAM

线图

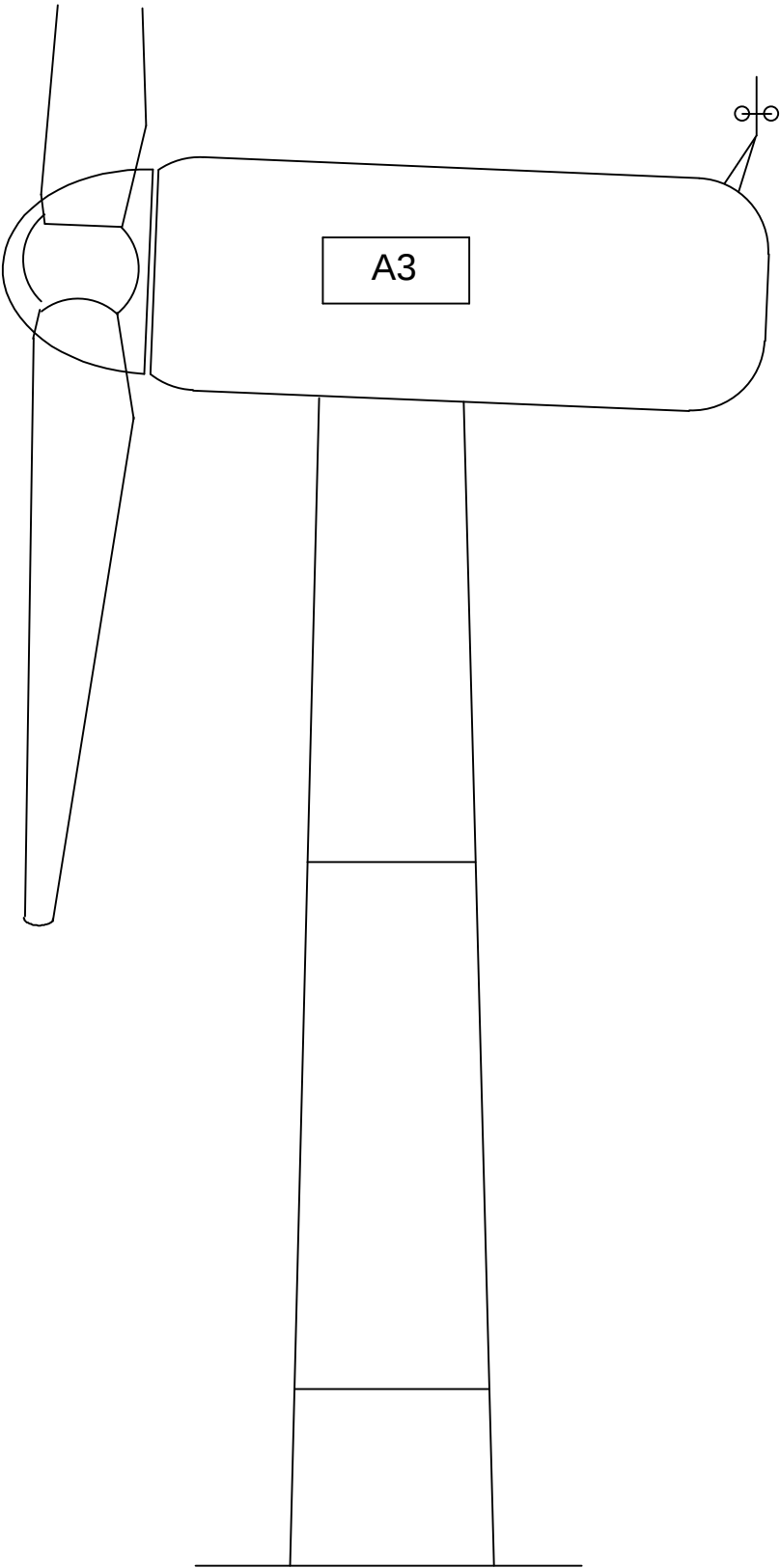


 kk-electronic a/s +A316/L-4	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			+A316 DIAGRAM	+A316
		kk-responsible	Item-no.		ZCD-no:	+A316 D
		JASOE/mebje	215422MO		1040046	
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						+A316/1



+A316 COMPONENTS LIST

组件列表



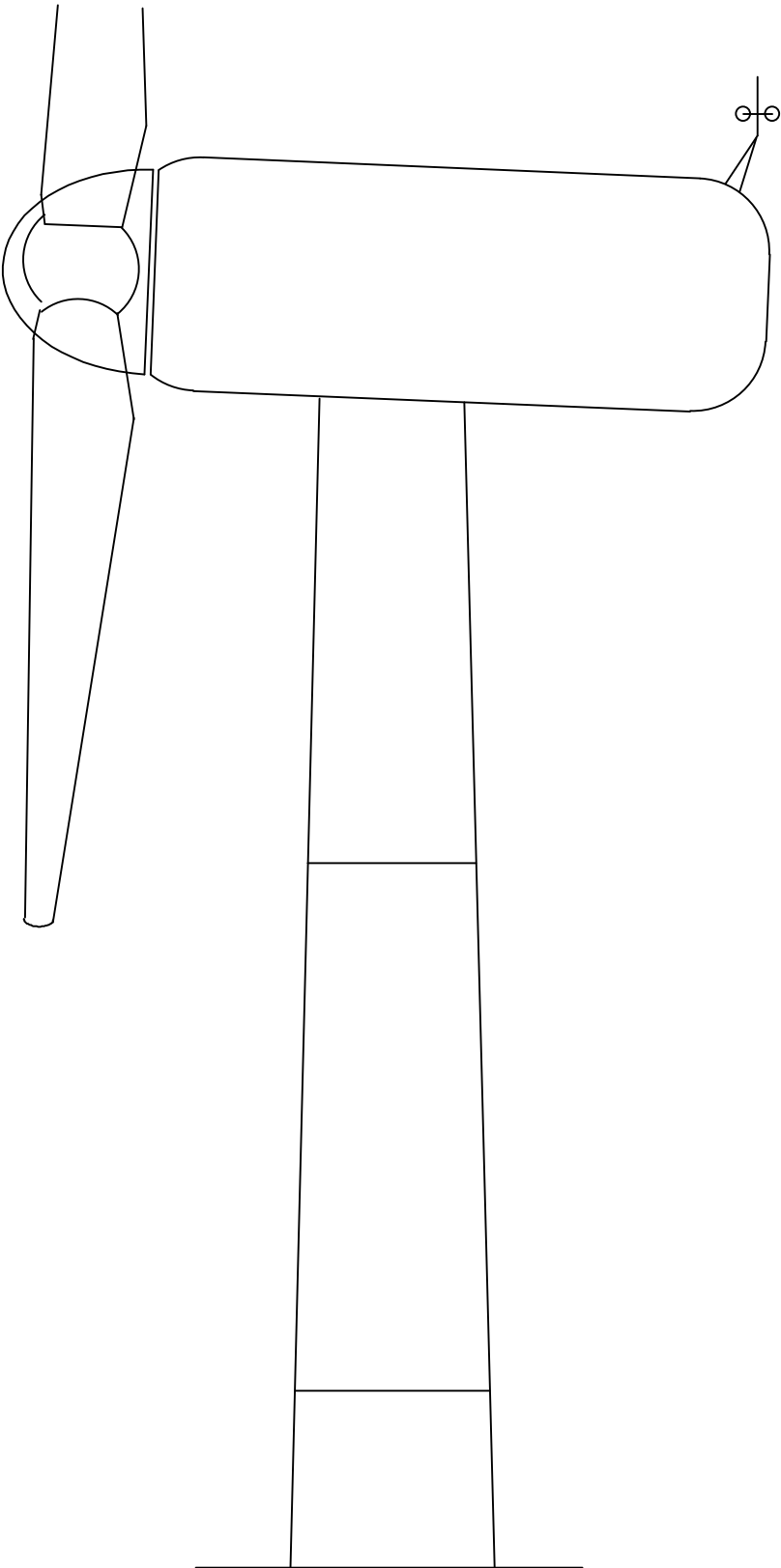
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		2014-05-28			+A316 COMPONENTS LIST		+A316
		kk-responsible	Item-no.				ZCD-no:
		JASOE/mebje	215422MO				1040046
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.							
+A316/C-1							

Components list

[illegible]

+A316 NON ELECTRICAL COMPONENTS LIST

非电气元件列表



 kk-electronic a/s +A316/C-1	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002	
		2014-05-28			+A316 NON ELECTRICAL COMPONENTS LIST		+A316	
		kk-responsible	Item-no.				ZCD-no:	
		JASOE/mebje	215422MO				1040046	+A316 NEC
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								+A316/NEC-1



Industrial Control Panel for Wind Turbine Generators

KK-electronic item no: 215422MO

Siemens Wind Power item no: A9B10055347

kk-electronic a/s Type Rating: Type 5

101



WARNING / AVERTISSEMENT

DISCONNECT
POWER
BEFORE
WORKING
WITHIN

DÉBRANCHER
LE COURANT
AVANT DE
TRAVAILLER À
L'INTERIEUR

1601

Tightening torque

20Nm

301



Recognized Component

Conforms to UL standard: UL508A

Certified to CAN/CSA standard: C22.2 No. 14-10

Intertek Control no: 4003248

102



CAUTION / ATTENTION

MORE THAN ONE
DISCONNECTING
MEANS
EMPLOYED.
OPEN ALL
DISCONNECTING
MEANS BEFORE
SERVICING

PLUSIEURS
DISPOSITIFS DE
SECTIONNEMENT
SONT UTILISÉS.
OUVRIR TOUS LES
SECTIONNEURS
AVANT DE
SERVICER

1801



CAUTION / ATTENTION

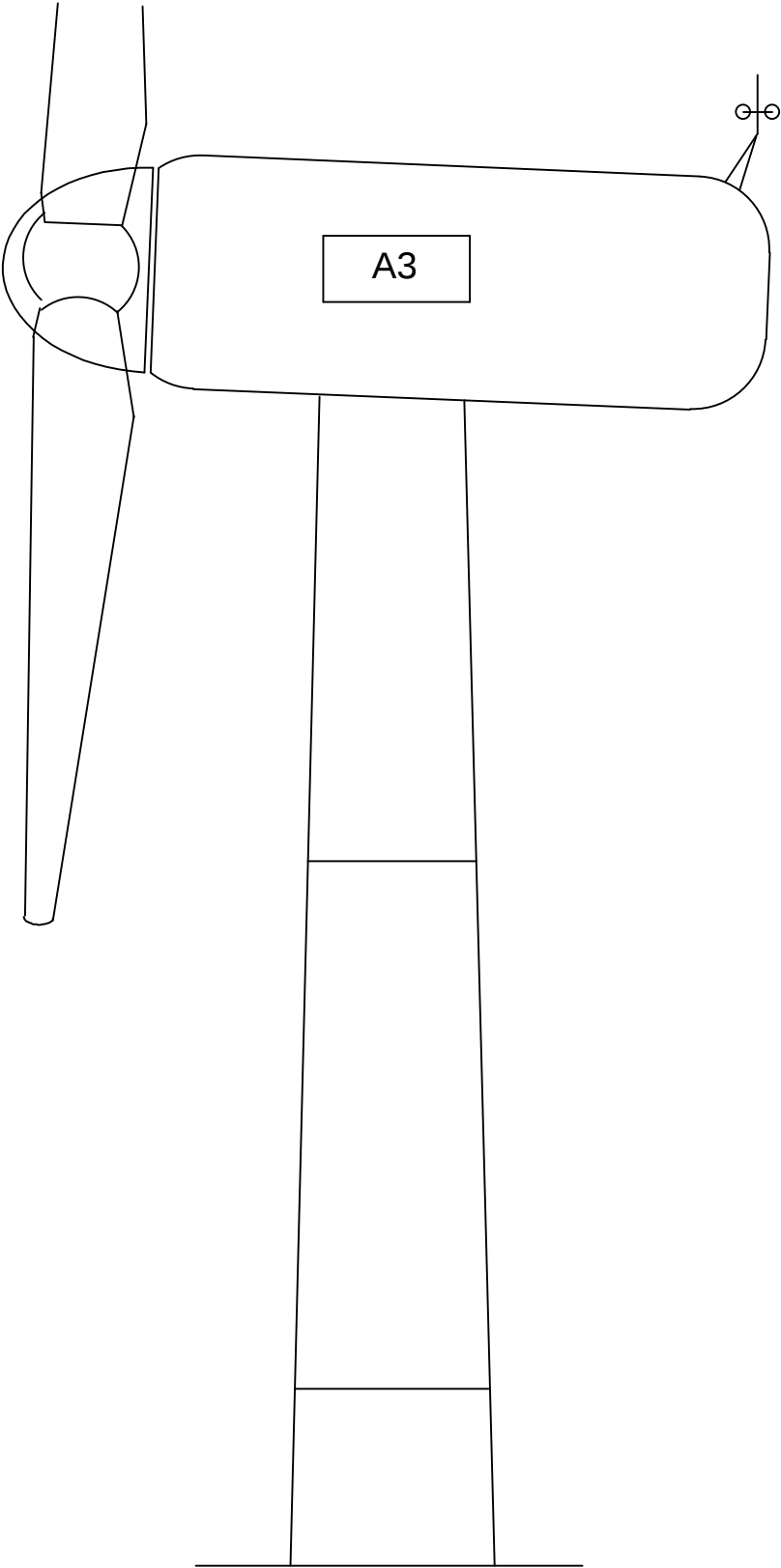
CIRCUIT NOT
DE-ENERGIZED
BY MAIN SWITCH.
DISCONNECT
ALL POWER
BEFORE
WORKING
WITHIN

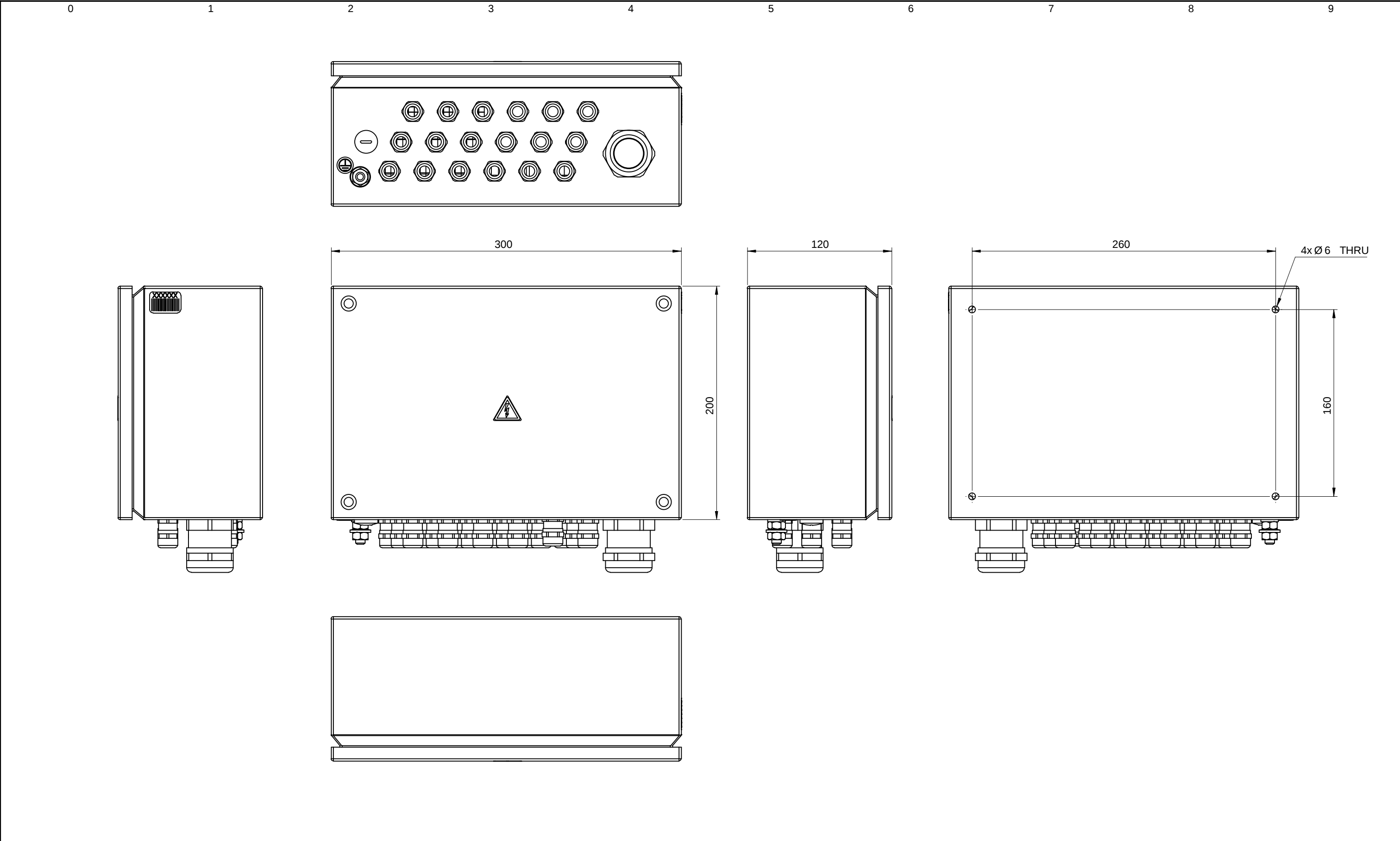
LE CIRCUIT
N'EST PAS DÉACTIVE
PAR L'INTERRUPTEUR
PRINCIPAL.
DÉBRANCHER TOUTE
ALIMENTATION AVANT
DE TRAVAILLER
À L'INTERIEUR

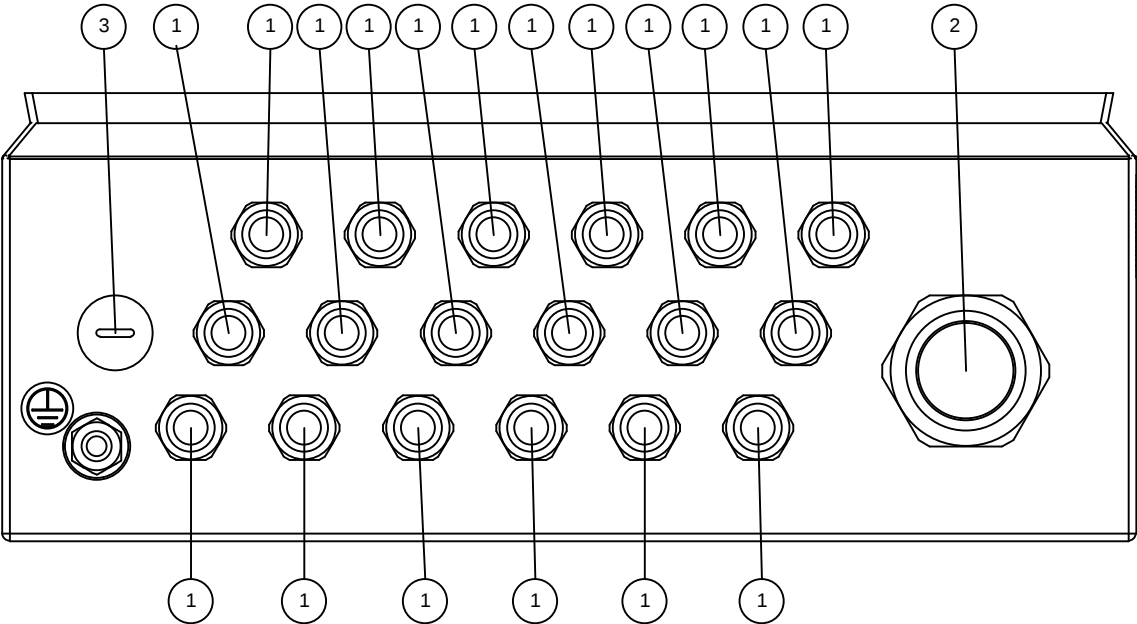
1901

+A317 LAYOUTS

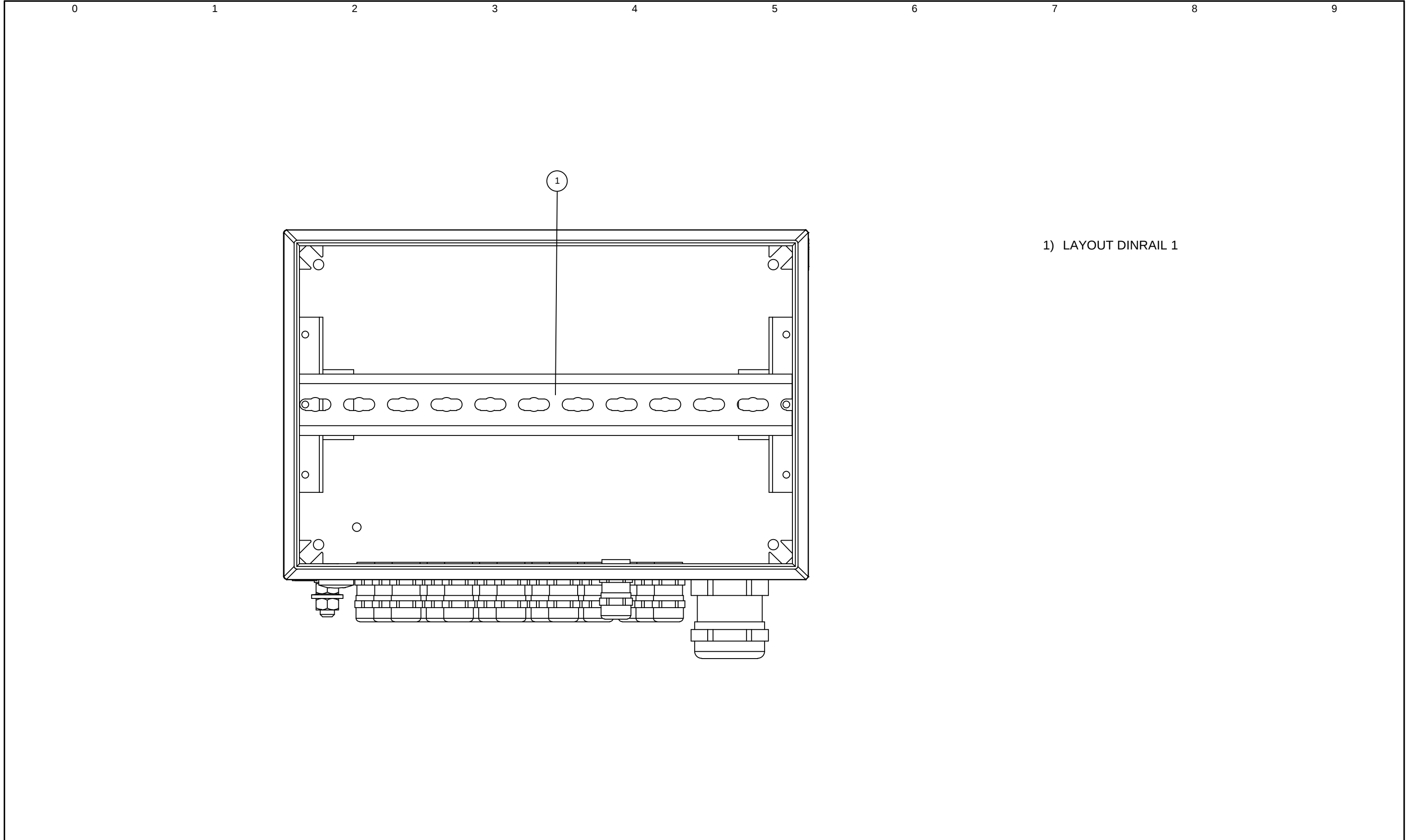
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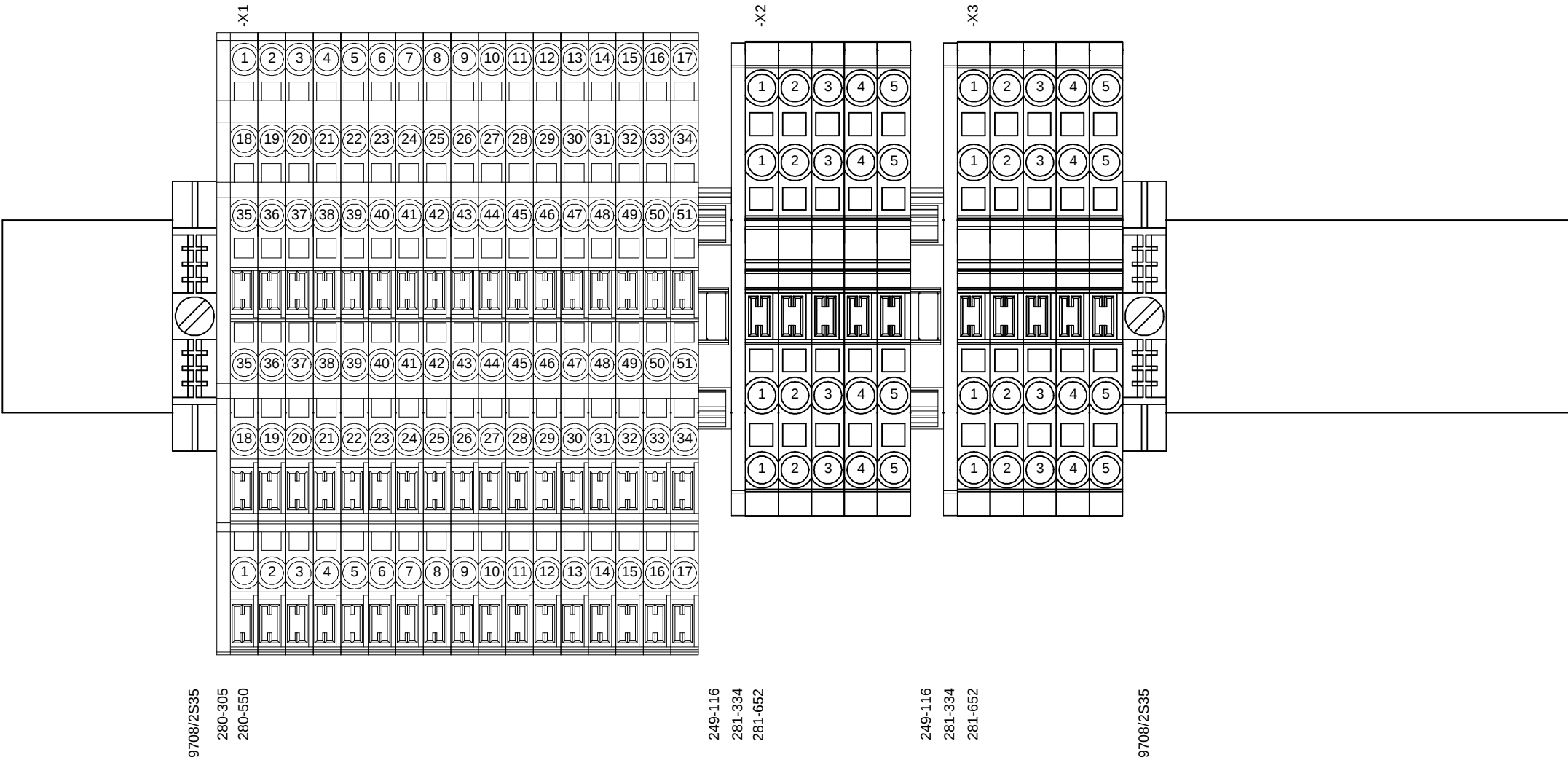


POS. NO.:	DESCRIPTION:	QTY.:
1	M16-EMC	18
2	M32-EMC	1
3	M16-BLIND	1



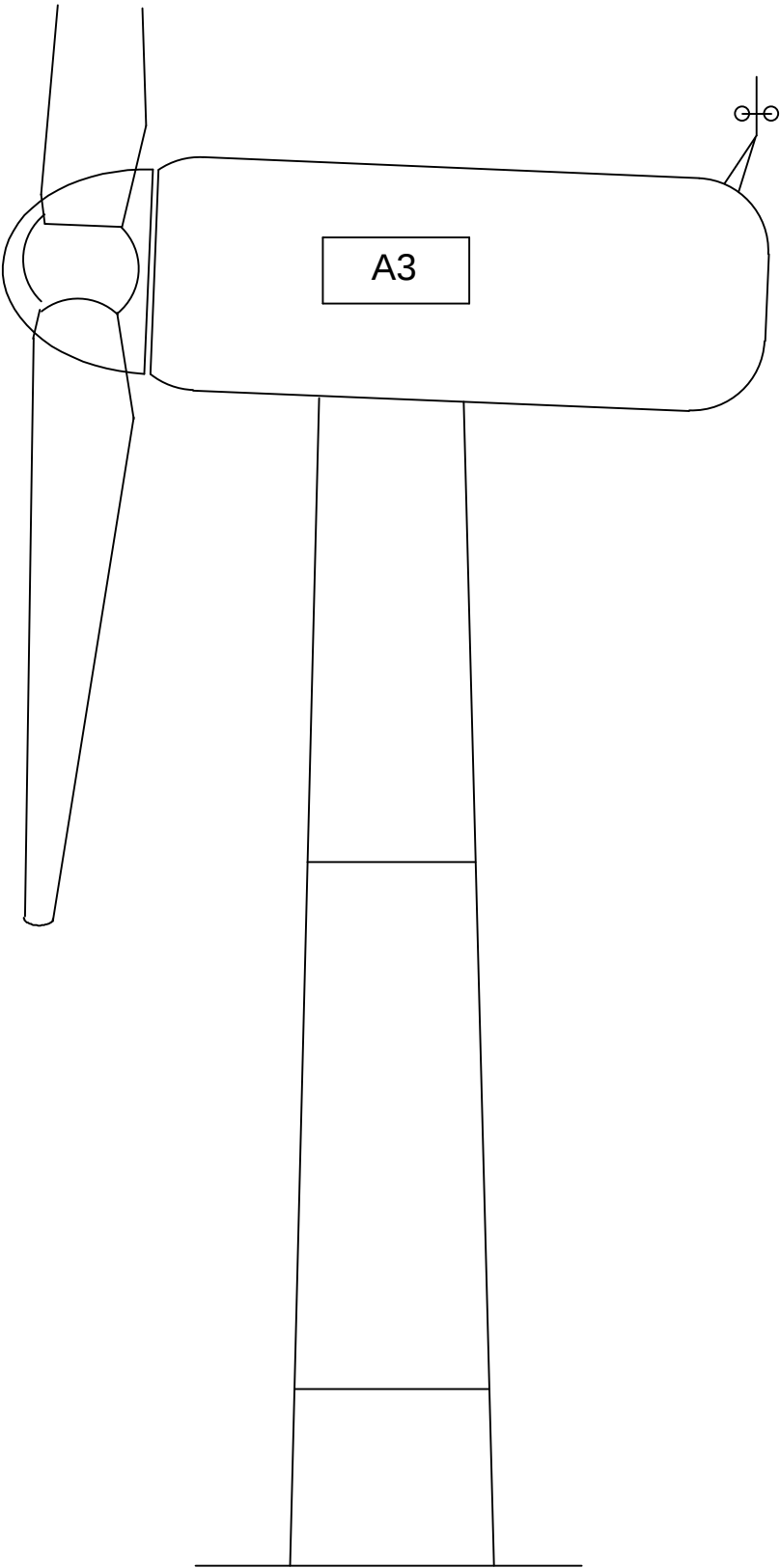
1) LAYOUT DINRAIL 1

 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			LAYOUT INSIDE	+A317	
		kk-responsible	Item-no.			ZCD-no:	L-3
		JASOE/mebje	215333MO			1040046	
+A317/L-2				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A317/L-4	

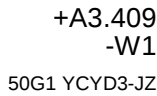


+A317 DIAGRAM

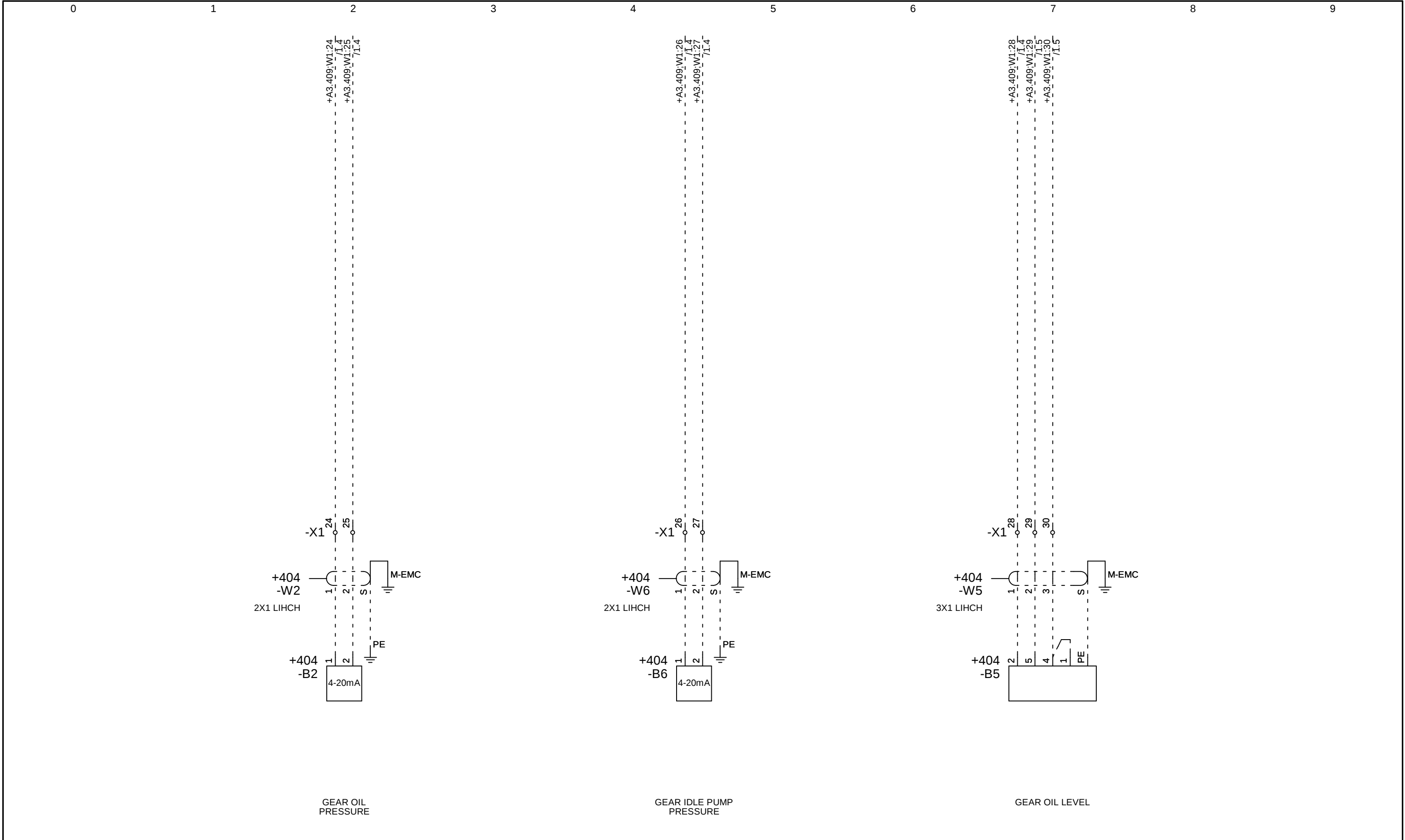
线图



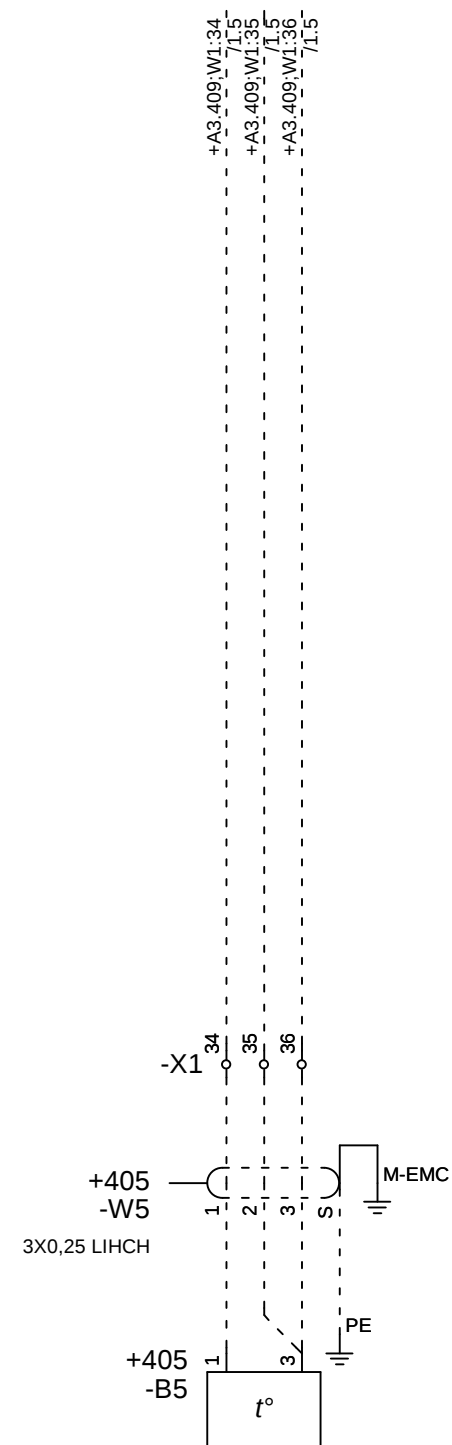
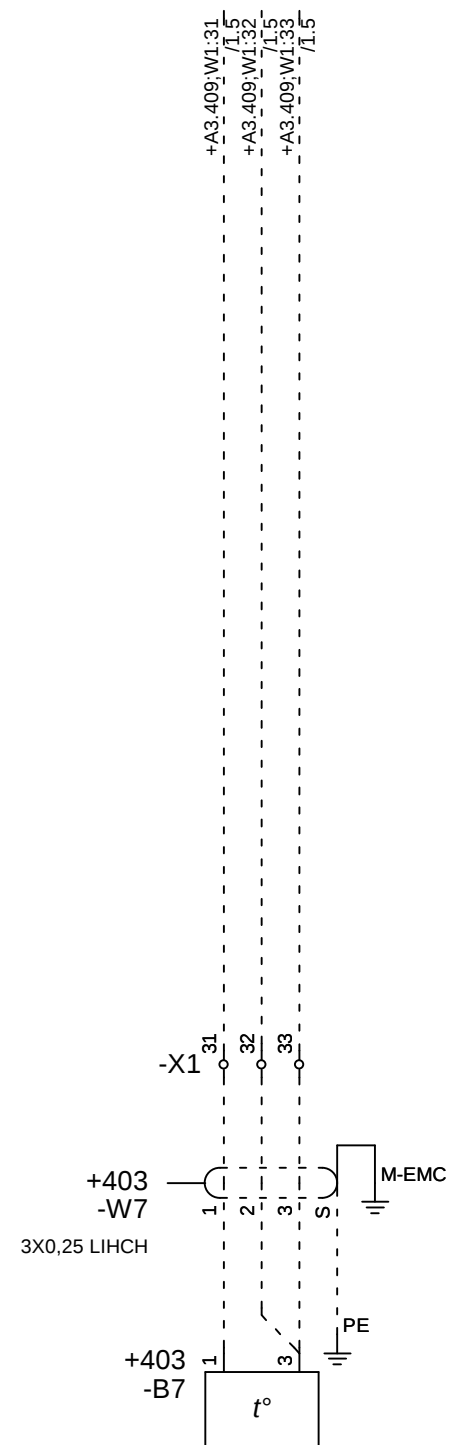
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		2014-05-28			+A317 DIAGRAM	+A317
		kk-responsible	Item-no.			+A317 D
	JASOE/mebje	215333MO	1040046			
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.						
						+A317/1



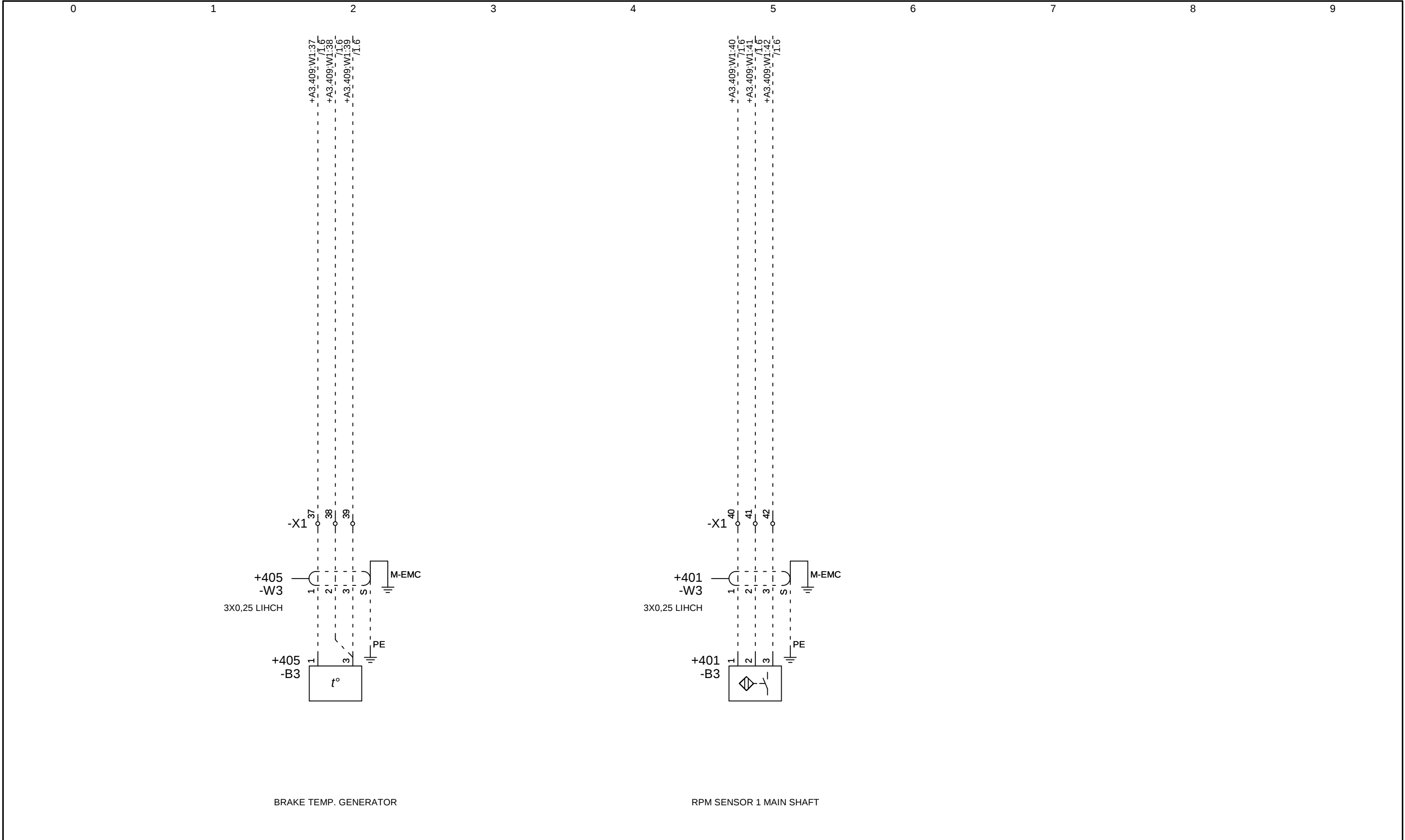
 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			GEAR BEARING 齿轮轴承	+A317
	kk-responsible	Item-no.	ZCD-no:		1	
	JASOE/mebje	215333MO	1040046			
+A317/+A317 D				The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.		+A317/2

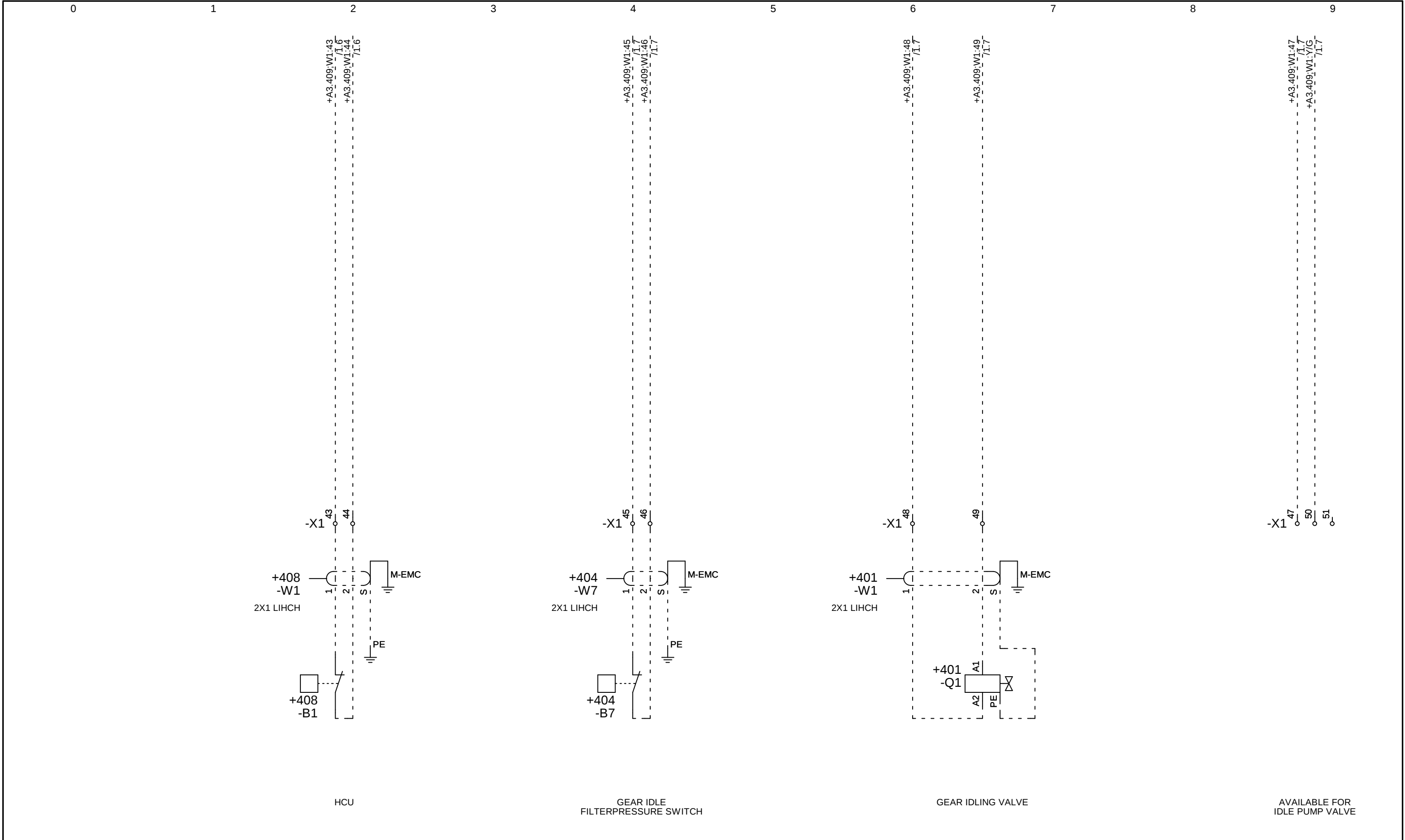


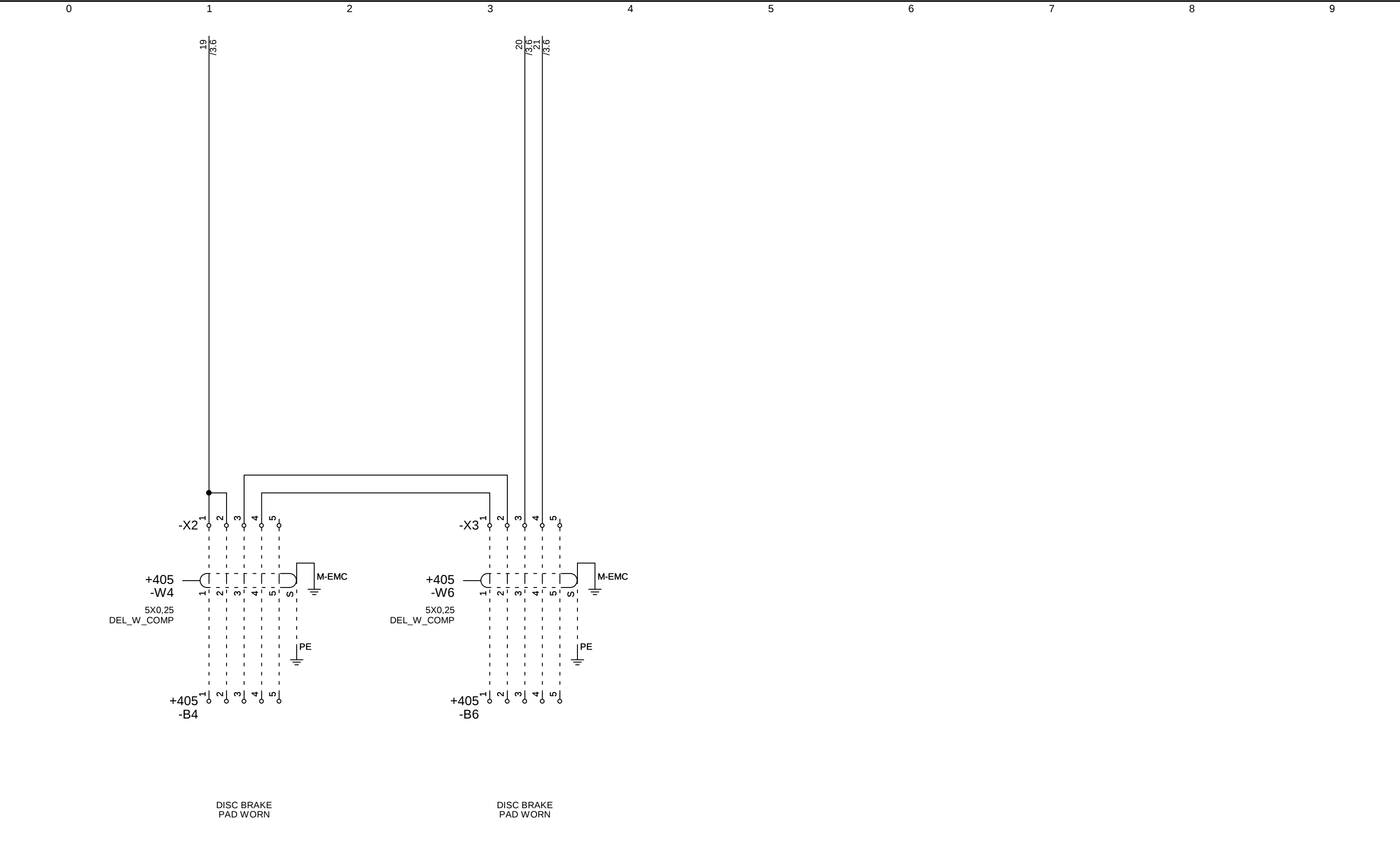
 kk-electronic a/s +A317/3	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			GEAR OIL PRESSURE AND LEVEL	+A317	
		kk-responsible	Item-no.			ZCD-no:	4
		JASOE/mebje	215333MO			1040046	
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 kk-electronic a/s	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002		
		2014-05-28				+A317		
	kk-responsible	Item-no.	ZCD-no:			5		
	JASOE/mebje	215333MO	1040046					
+A317/4							The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.	+A317/6



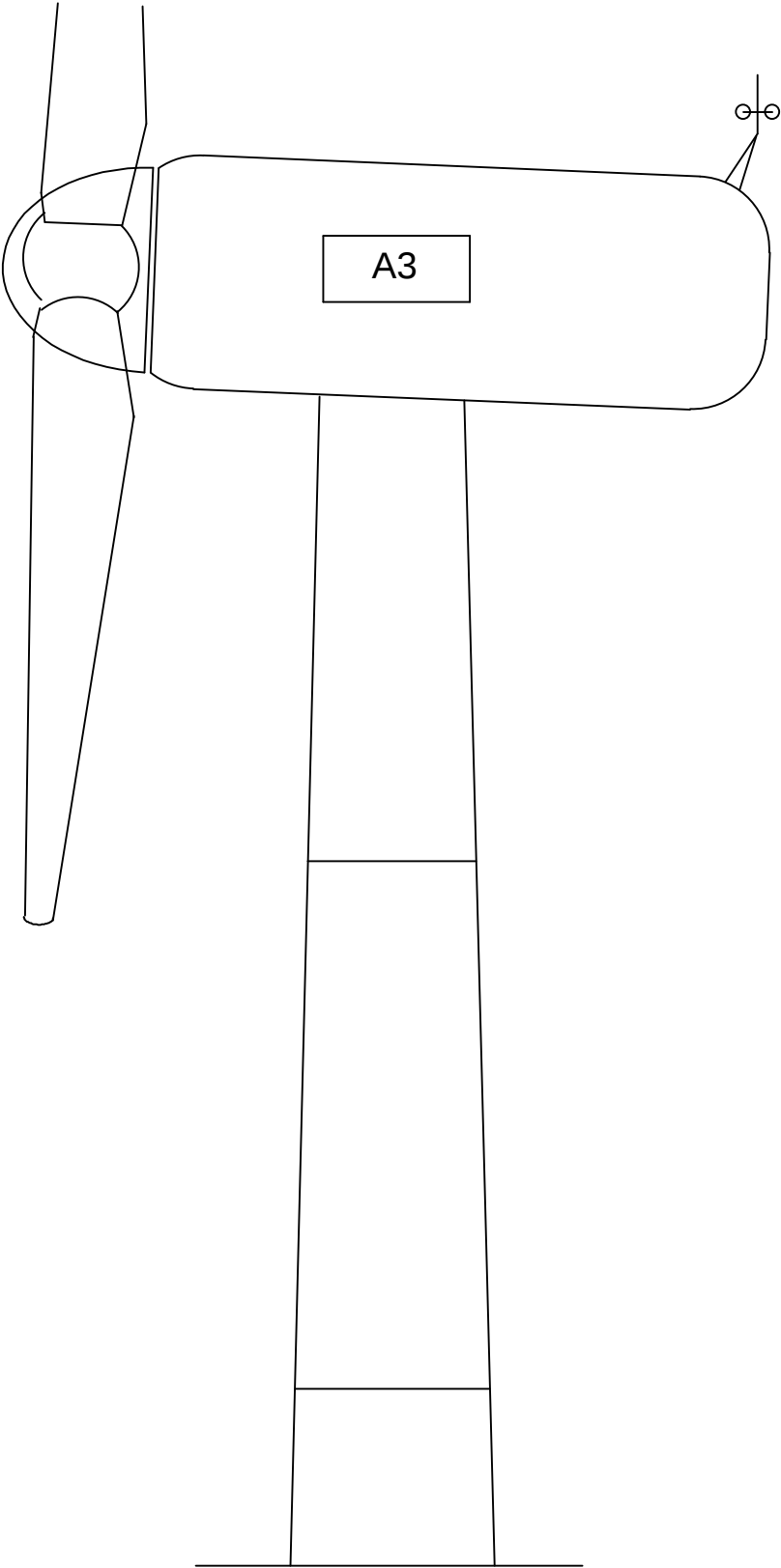




 kk-electronic a/s +A317/7	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002
		2014-05-28			DISC BRAKE PAD WORN	+A317
		Item-no.	ZCD-no:			8
		JASOE/mebje	1040046			+A317/+A317 C

+A317 COMPONENTS LIST

组件列表



 kk-electronic a/s +A317/8	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz,	Page Content	=V304002	
		2014-05-28			+A317 COMPONENTS LIST	+A317	
		kk-responsible	Item-no.			ZCD-no:	+A317 C
		JASOE/mebje	215333MO			1040046	
The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.							

Components list

	Component name	Part number	Description	SWP no.	Manufacturer	Ref.	Qty.
1	+A317-X1	280-305	End barrier gr.	A9B10084468	Wago	/2.1	1
2	+A317-X1	280-550	Layer term.2.5mm2	A9B10069416	Wago	/2.2	17
3	+A317-X1	9708/2S35	End stop reinforced	A9B00083081	Wieland	/2.1	1
4	+A317-X2	249-116	End stop f/TS-35 rail	200969	Wago	/8.1	1
5	+A317-X2	281-334	End barrier f/281-652		Wago	/8.2	1
6	+A317-X2	281-652	Terminal 4L	A9B10084485	Wago	/8.1	5
7	+A317-X3	249-116	End stop f/TS-35 rail	200969	Wago	/8.3	1
8	+A317-X3	281-334	End barrier f/281-652		Wago	/8.4	1
9	+A317-X3	281-652	Terminal 4L	A9B10084485	Wago	/8.3	5
10	+A317-X3	9708/2S35	End stop reinforced	A9B00083081	Wieland	/8.4	1
11	+A317.401-B3	NOT_KK_DEL	Not delivered by kk		VARIOUS	/6.5	1
12	+A317.401-Q1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/7.7	1
13	+A317.401-W1	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/7.6	1
14	+A317.401-W3	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/6.5	1
15	+A317.403-B1	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/2.2	1
16	+A317.403-B2	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/2.4	1
17	+A317.403-B3	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/2.6	1
18	+A317.403-B4	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/2.8	1
19	+A317.403-B5	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/3.2	1
20	+A317.403-B6	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/3.4	1
21	+A317.403-B7	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/5.2	1
22	+A317.403-W1	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/2.1	1
23	+A317.403-W2	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/2.4	1
24	+A317.403-W3	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/2.6	1
25	+A317.403-W4	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/2.8	1
26	+A317.403-W5	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/3.2	1
27	+A317.403-W6	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/3.4	1
28	+A317.403-W7	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/5.2	1
29	+A317.404-B2	NOT_KK_DEL	Not delivered by kk		VARIOUS	/4.2	1
30	+A317.404-B5	NOT_KK_DEL	Not delivered by kk		VARIOUS	/4.7	1
31	+A317.404-B6	NOT_KK_DEL	Not delivered by kk		VARIOUS	/4.4	1
32	+A317.404-B7	NOT_KK_DEL	Not delivered by kk		VARIOUS	/7.4	1
33	+A317.404-W2	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/4.2	1
34	+A317.404-W5	05990122	Cable 3X1 Lihch Datax	A9B00019727	Draka	/4.7	1
35	+A317.404-W6	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/4.4	1
36	+A317.404-W7	05990120	Cable 2X1 Lihch Datax	A9B00030554	Draka	/7.4	1
37	+A317.405-B3	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/6.2	1
38	+A317.405-B5	9M010638	Sensor PT100 6M Ø6x60mm Kl.B PUR Cable shielded	A9B00017802	LUND & SØRENSEN	/5.5	1
39	+A317.405-W3	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/6.2	1
40	+A317.405-W4	DEL_W_COMP	Delivered with component		VARIOUS	/8.1	1
41	+A317.405-W5	05990052	Cable 3X0.25 Lihch Datax	A9B00019686	Draka	/5.5	1
42	+A317.405-W6	DEL_W_COMP	Delivered with component		VARIOUS	/8.3	1
43	+A317.408-B1	NOT_KK_DEL	Not delivered by kk		VARIOUS	/7.2	1

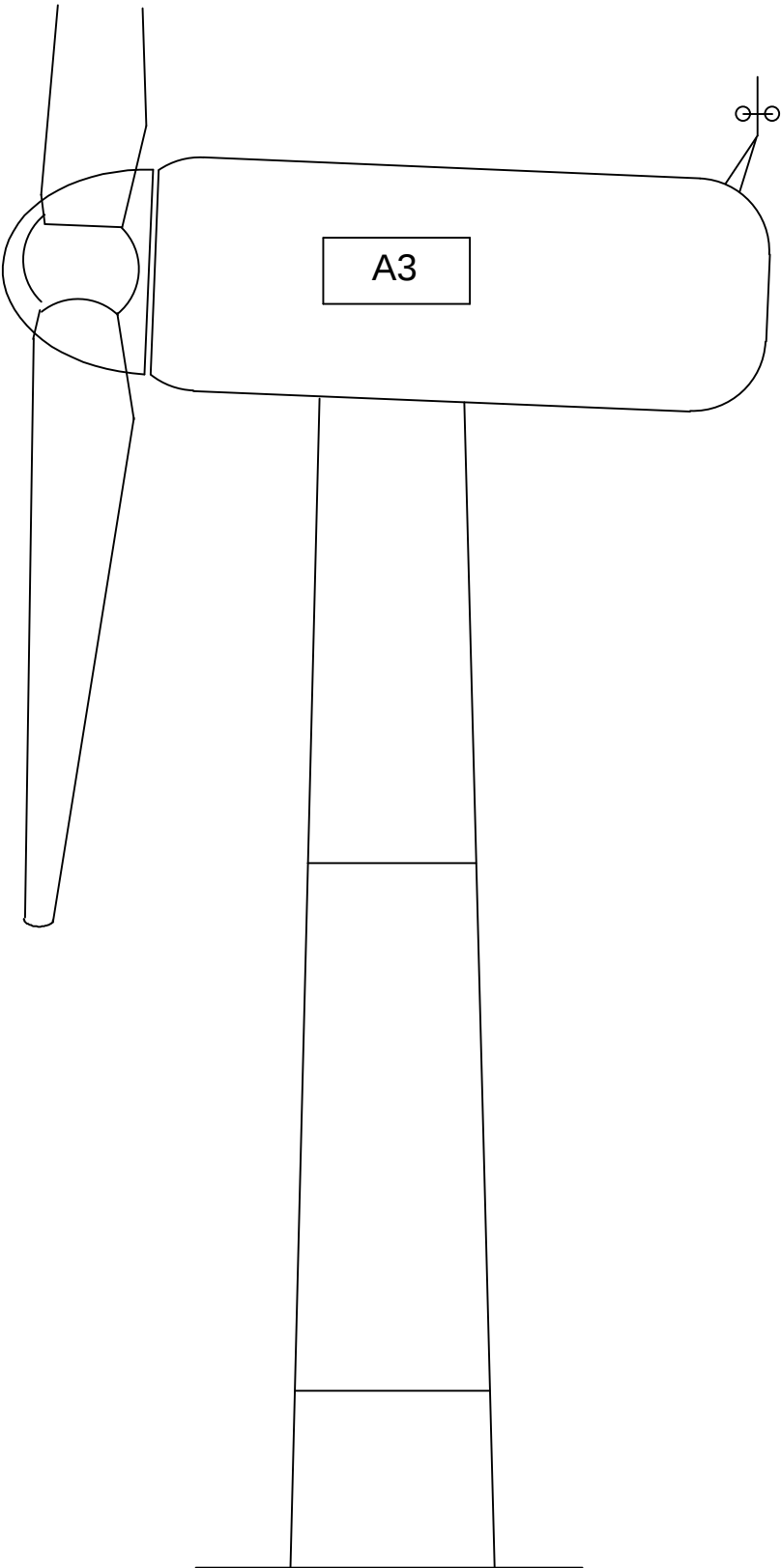
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	JASOE/mebje	215333MO	1040046					
+A317/+A317 C			The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.					+A317/C-2

Components list

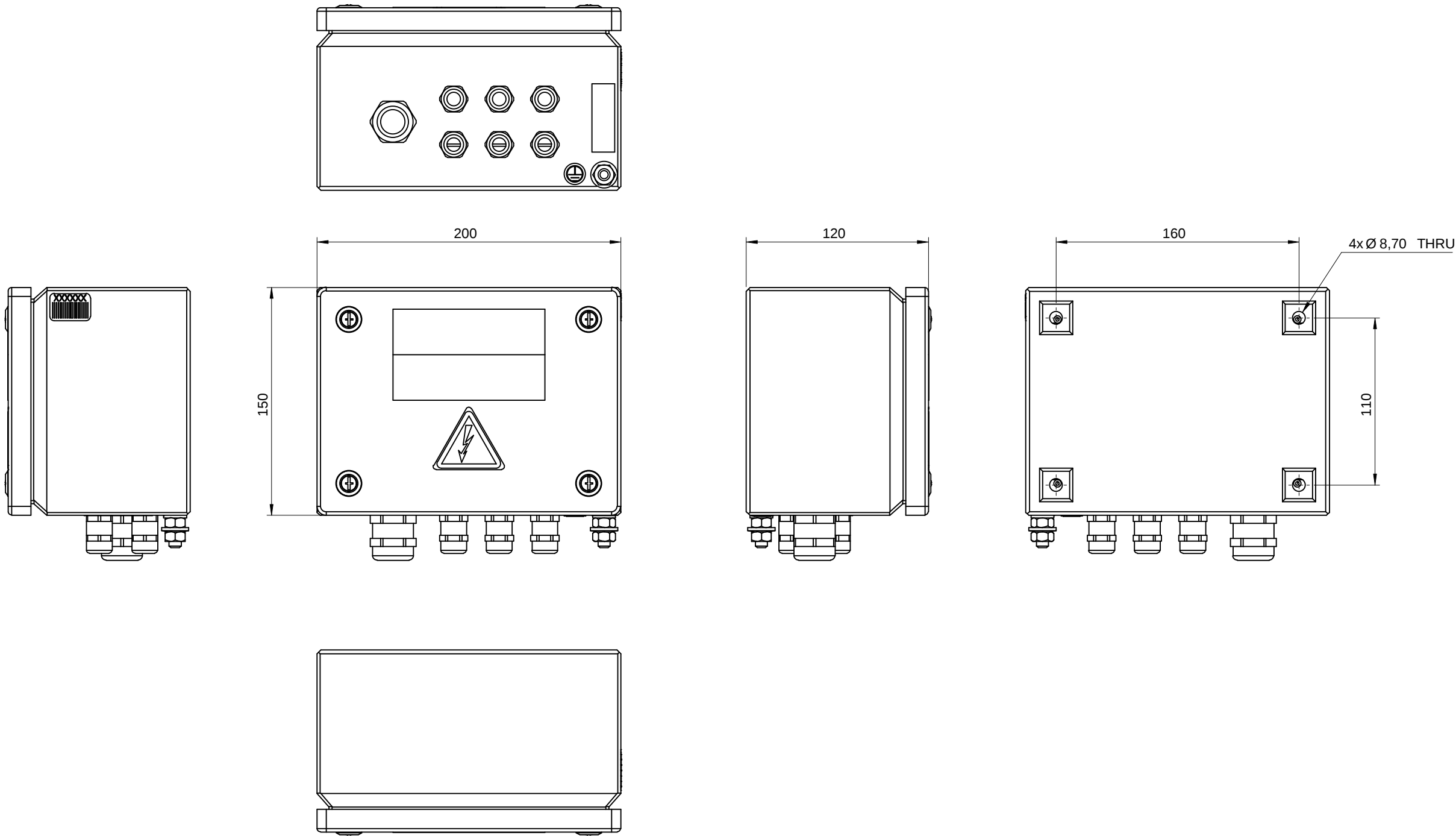
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+A318 LAYOUTS

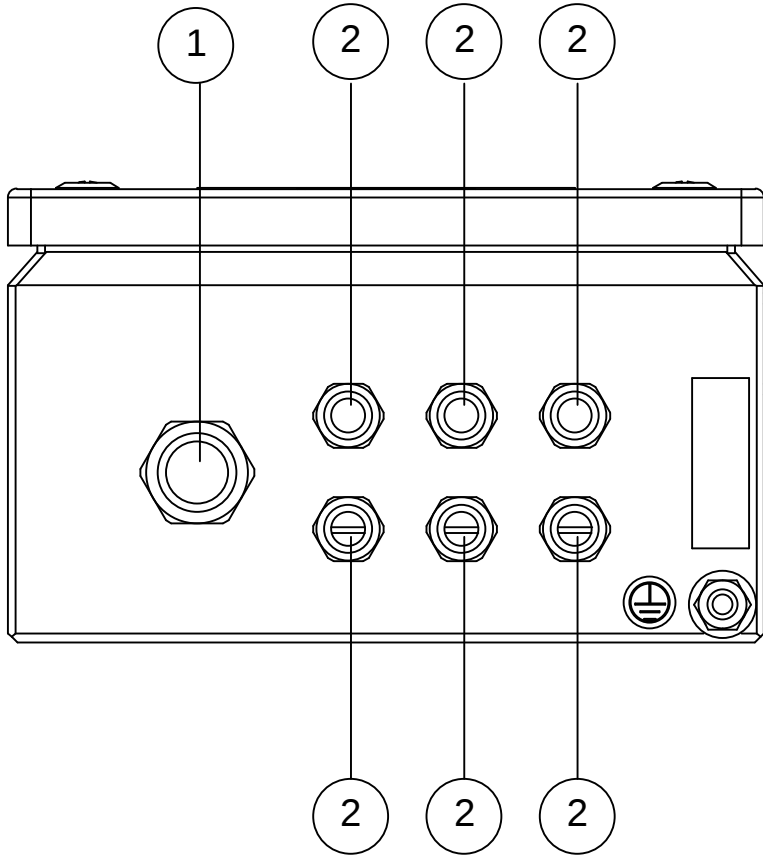
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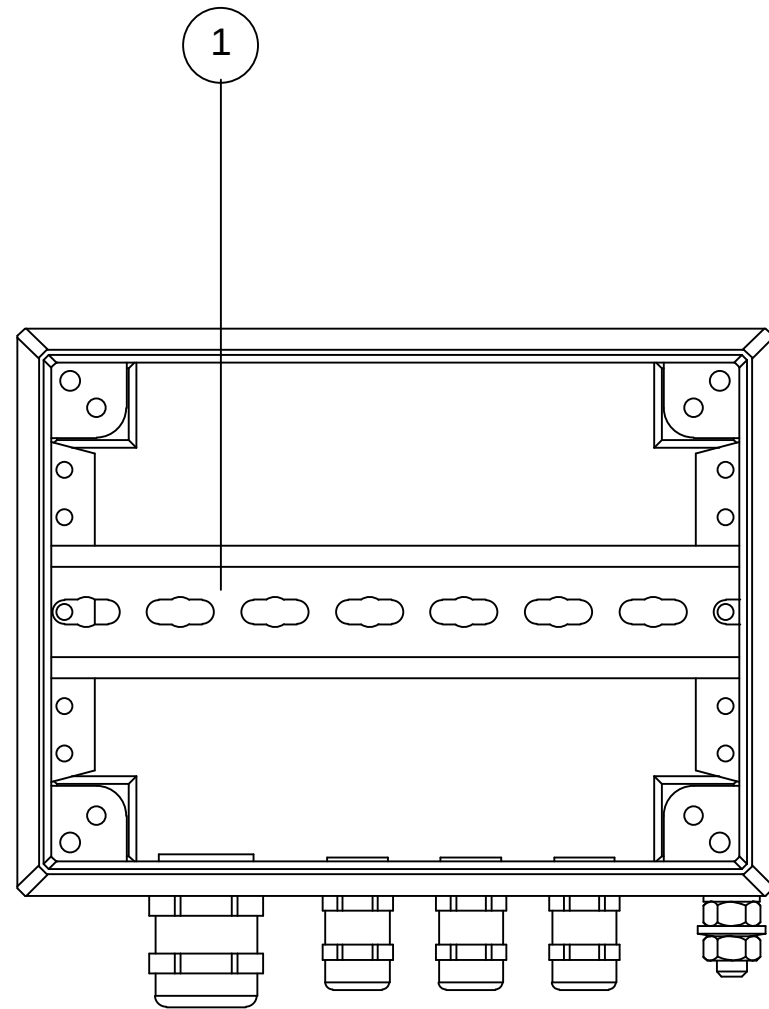


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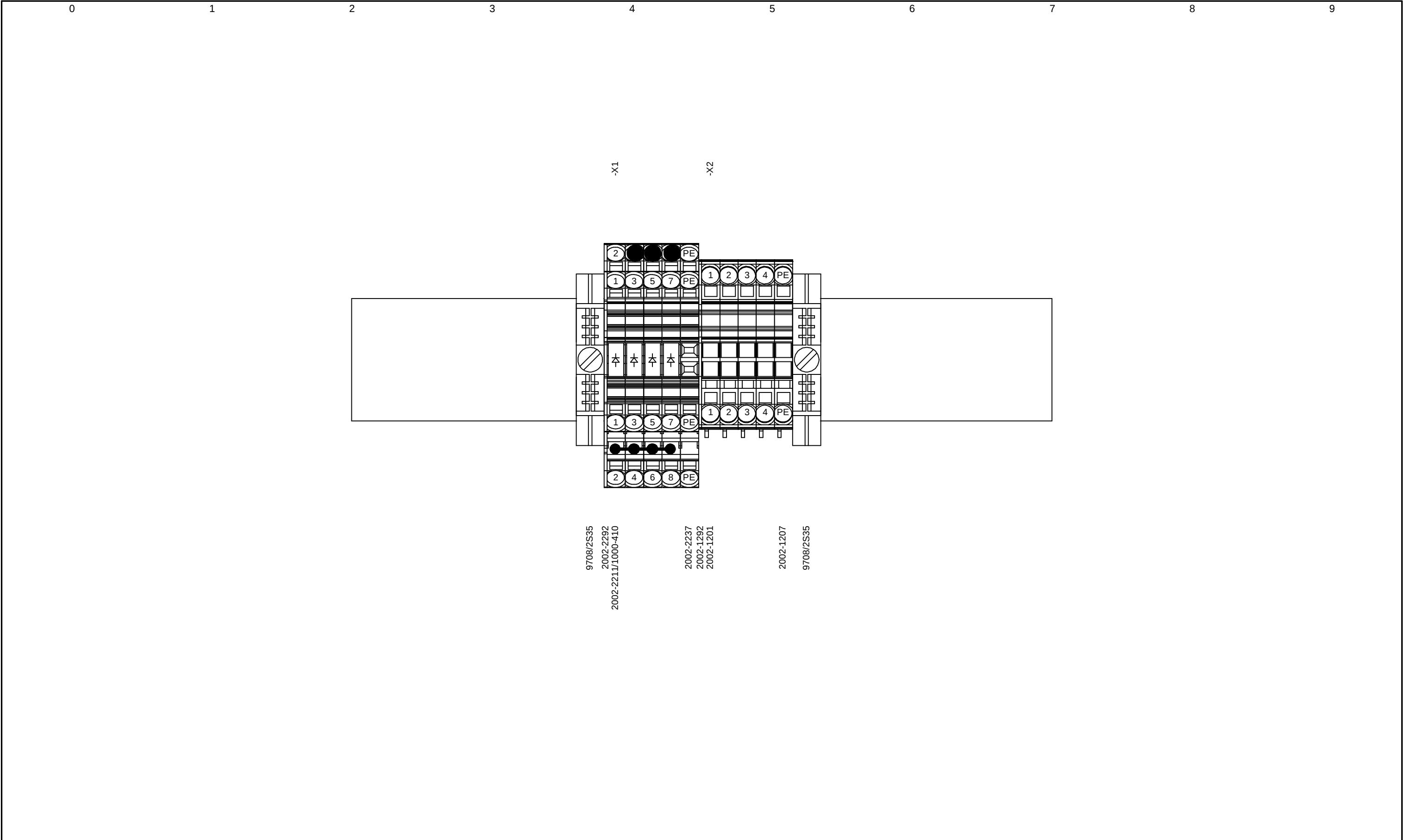


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2	M16-EMC	6



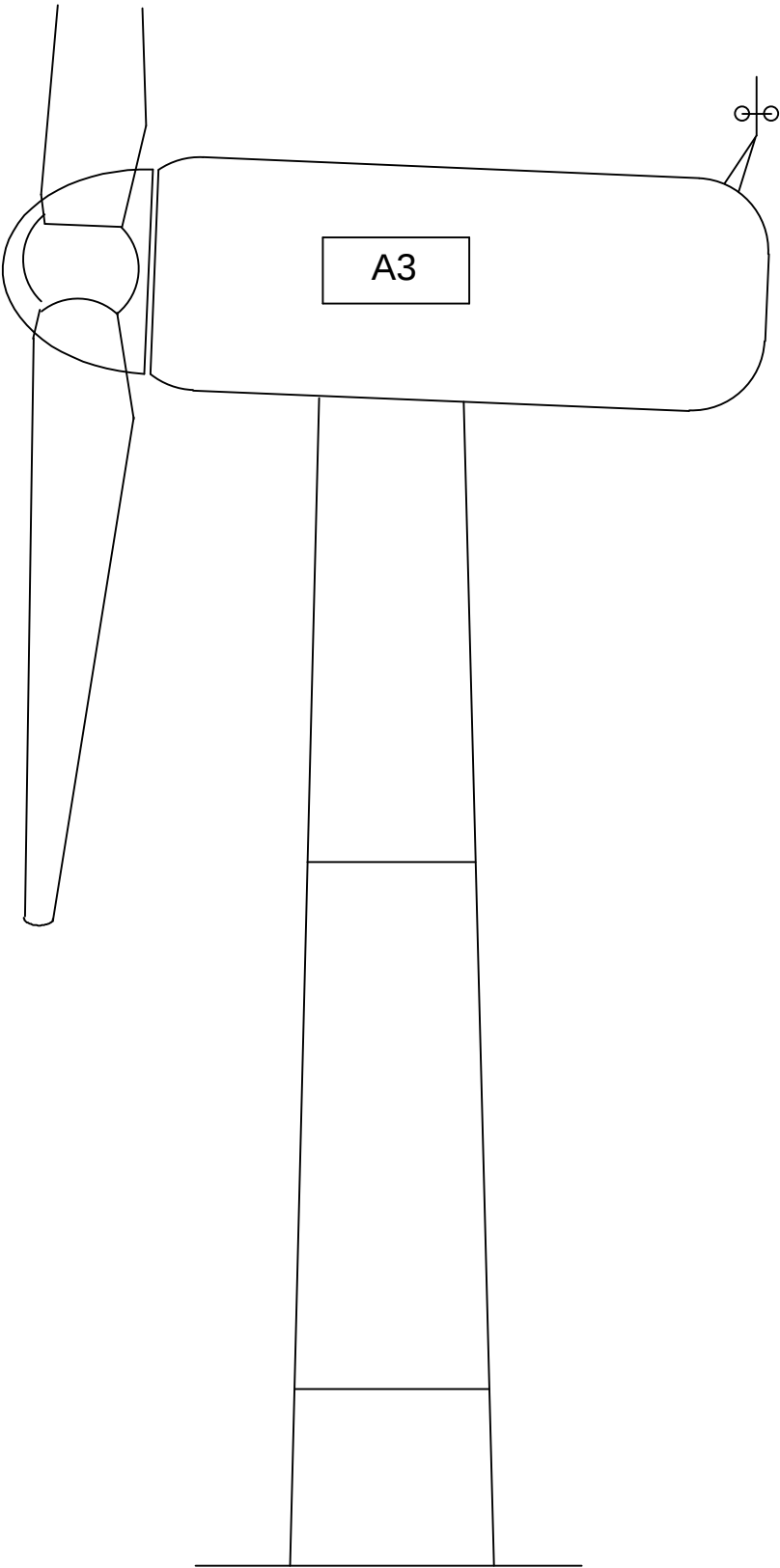


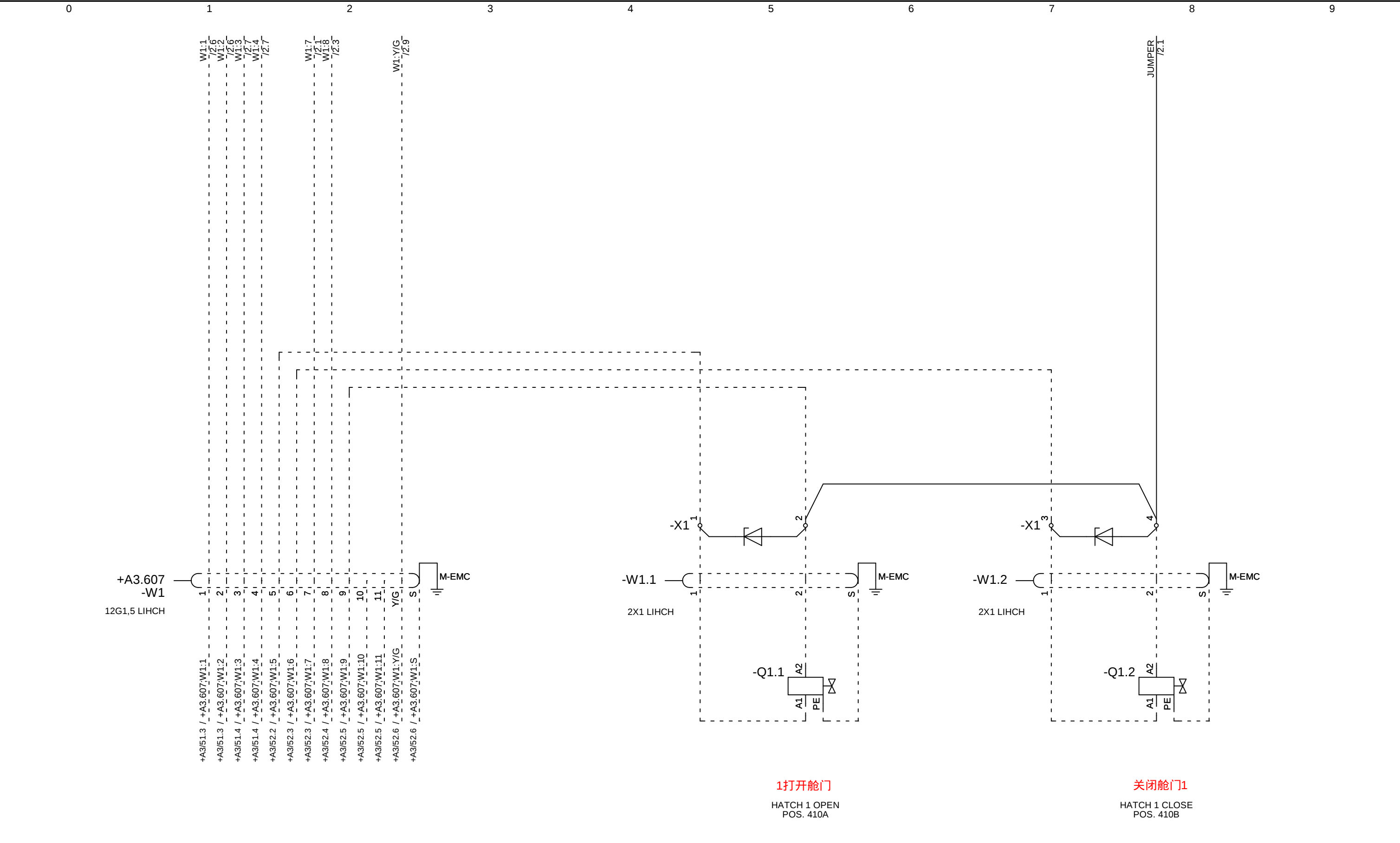
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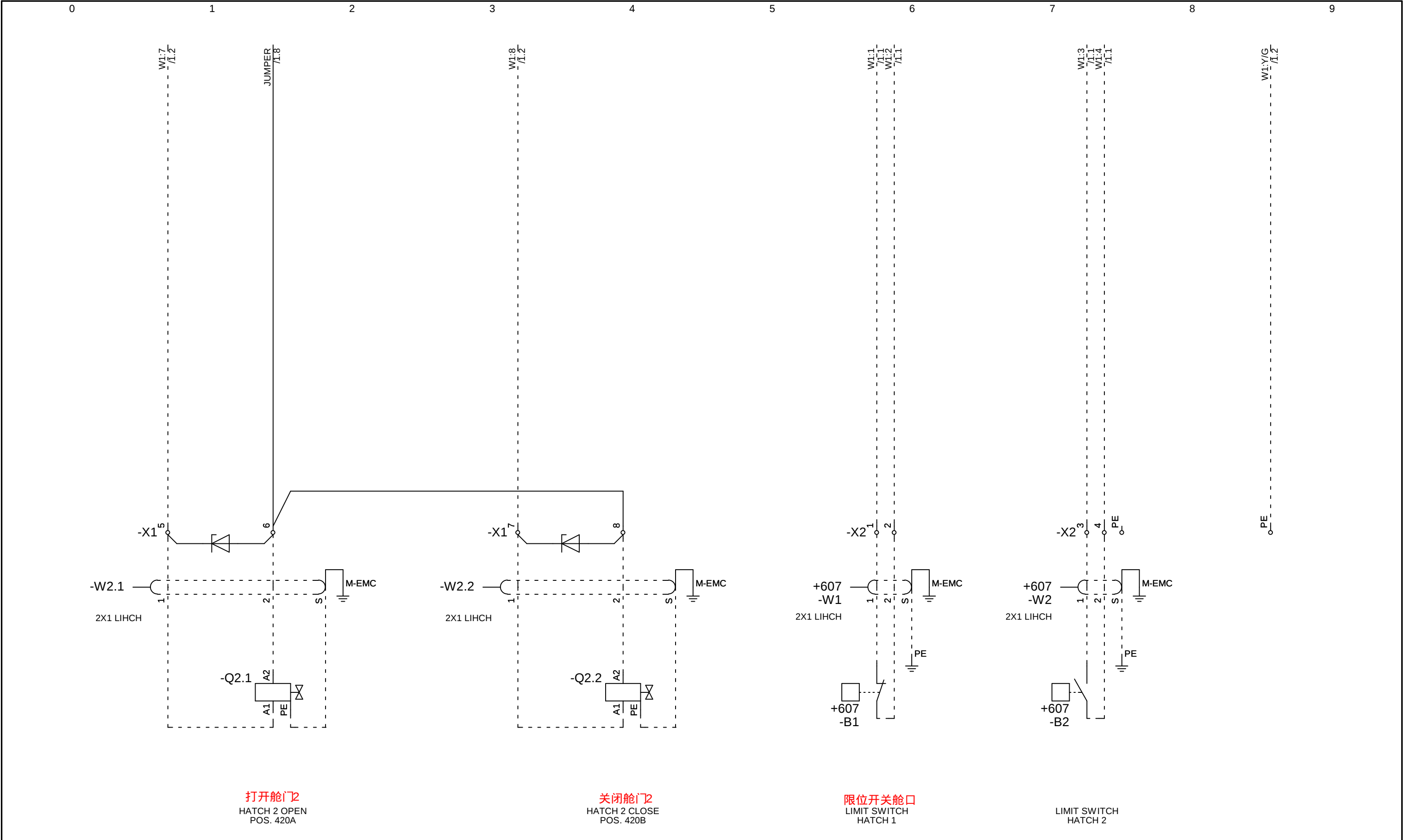
+A318 DIAGRAM

线图





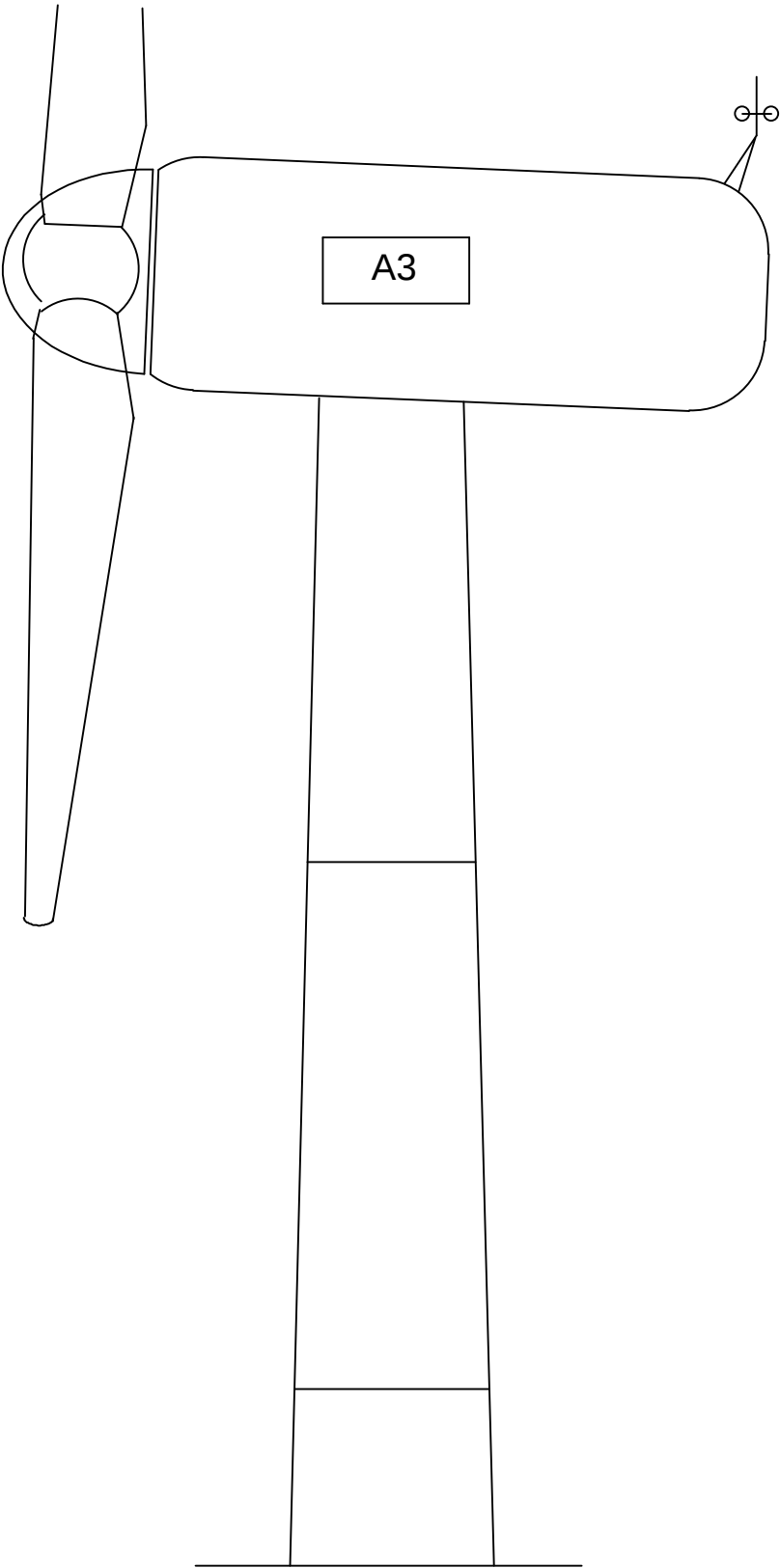
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		JASOE/mebje	1040046				+A318/+A318 C

+A318 COMPONENTS LIST

组件列表



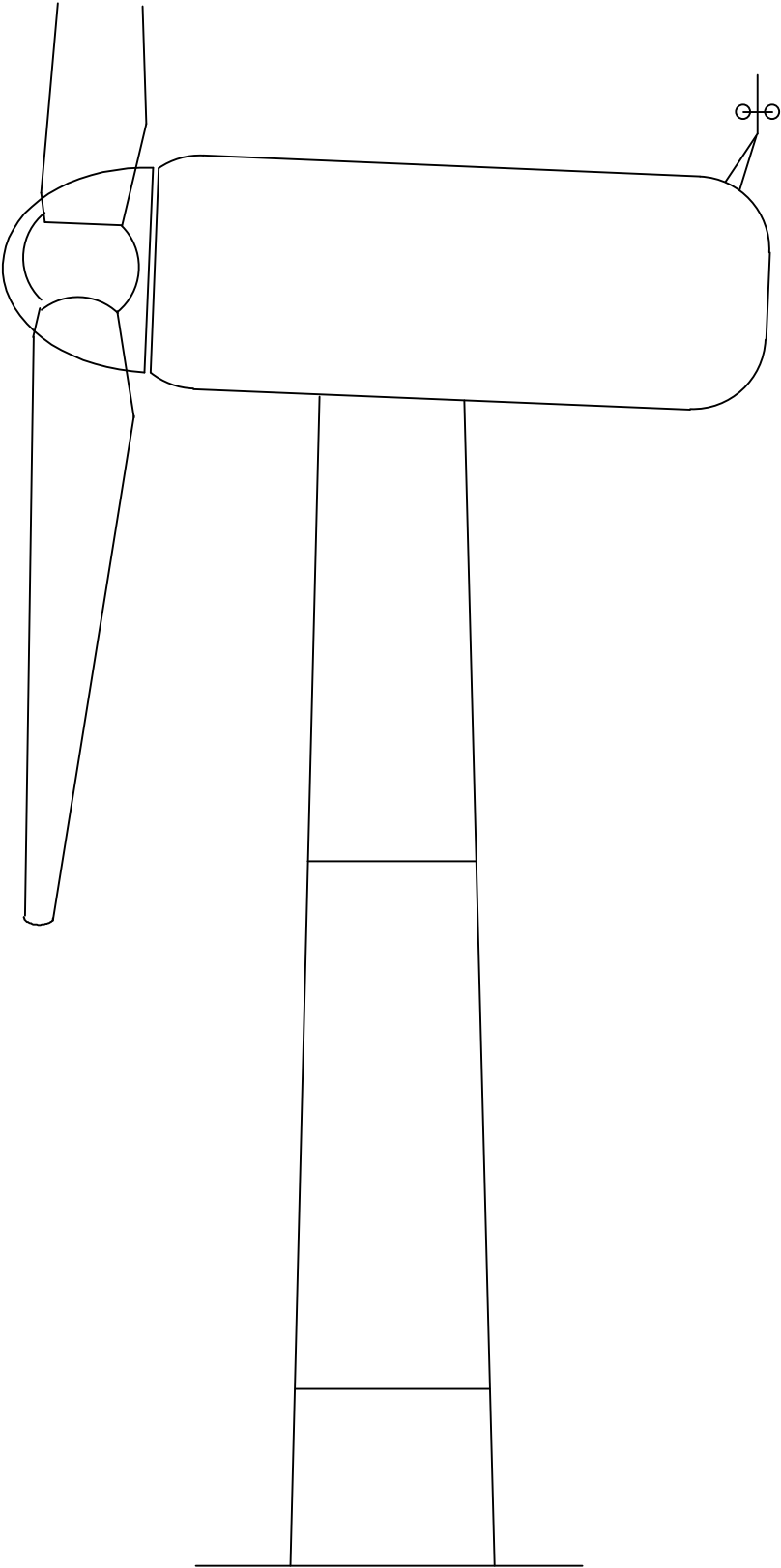
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		JASOE/mebje	215451MO			1040046	
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Components list

[illegible]

+A318 NON ELECTRICAL COMPONENTS LIST

非电气元件列表



 kk-electronic a/s +A318/C-1	SIEMENS	Date	Rev. Date	SWT-4.0 WTC-3. 4.0MW, VS, 690V, 50/60Hz, UL	Page Content		=V304002	
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								+A318/NEC-1



Industrial Control Panel for Wind Turbine Generators

KK-electronic item no: 215451MO

Siemens Wind Power item no: A9B10087288

Type Rating: Type 5

kk-electronic a/s

101



Recognized Component

Conforms to UL standard: UL508A

Certified to CAN/CSA standard: C22.2 No. 14-10

Control no: 4003248

Intertek

102

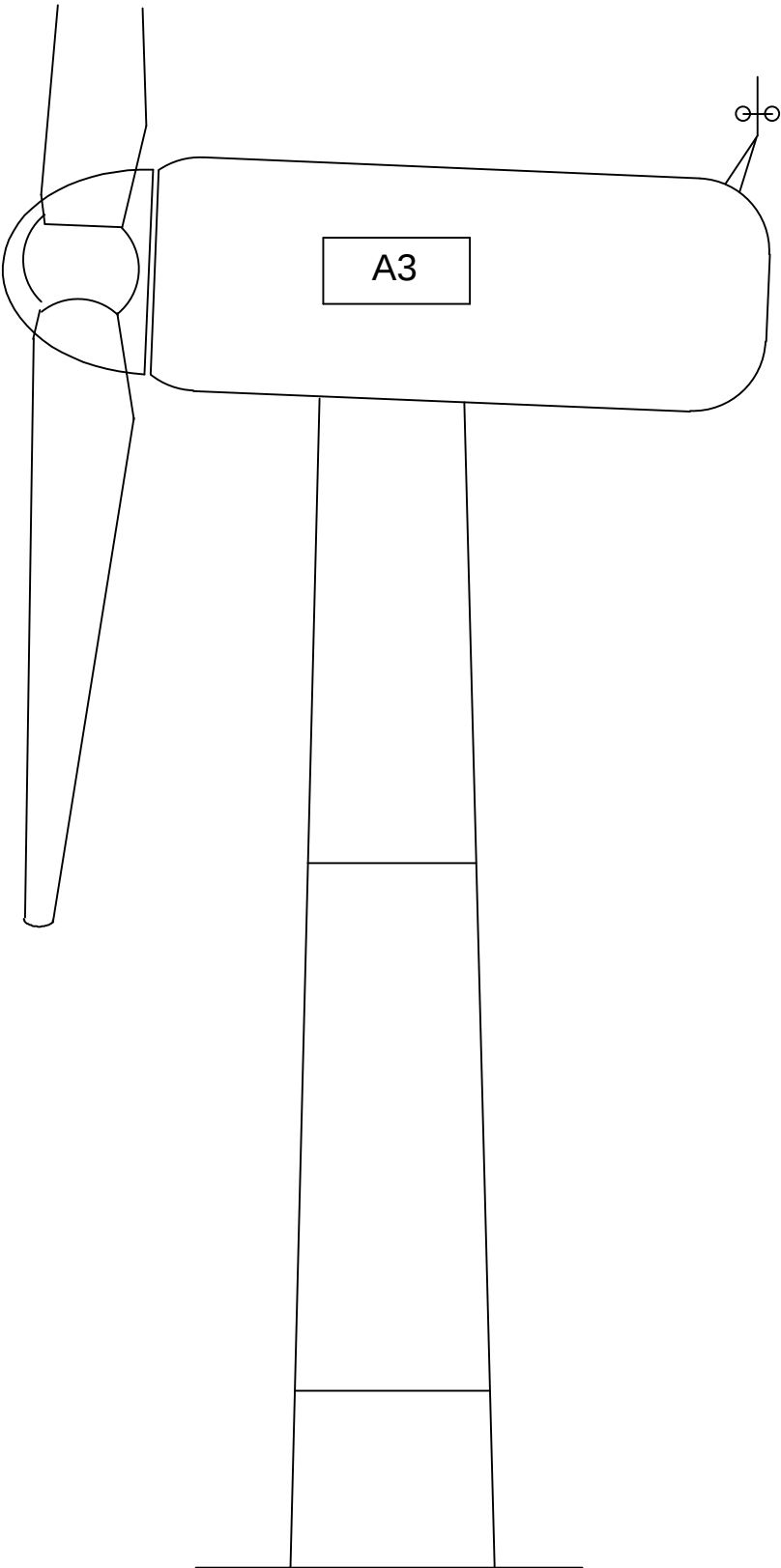
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20Nm

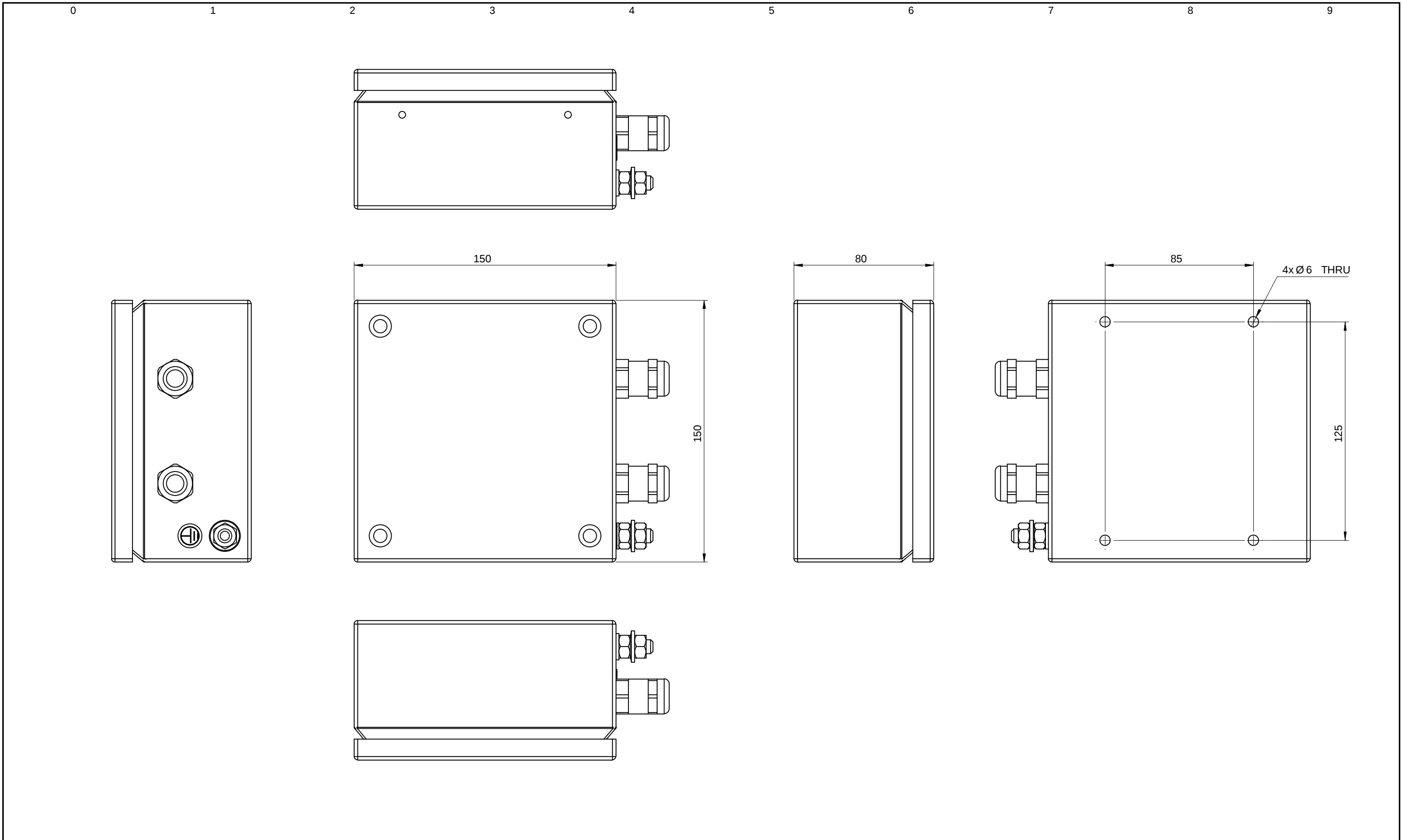
301

+A319 LAYOUTS

布局

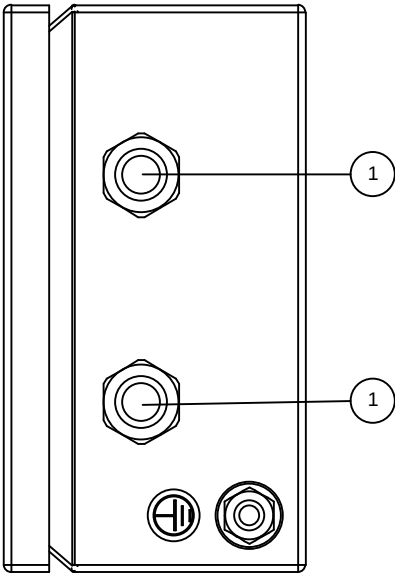


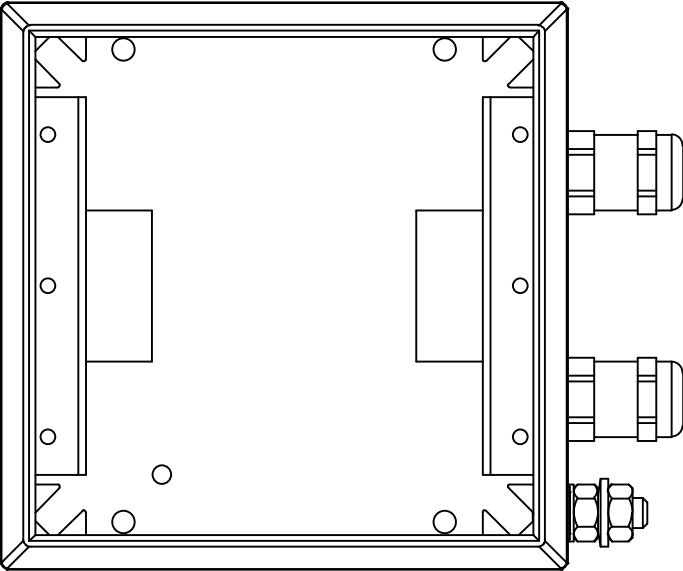
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+A318/NEC-1		The use and/or disclosure, etc. of the contents of this document (or any part thereof) is subject to the restrictions referenced on the front page.				+A319/L-1	



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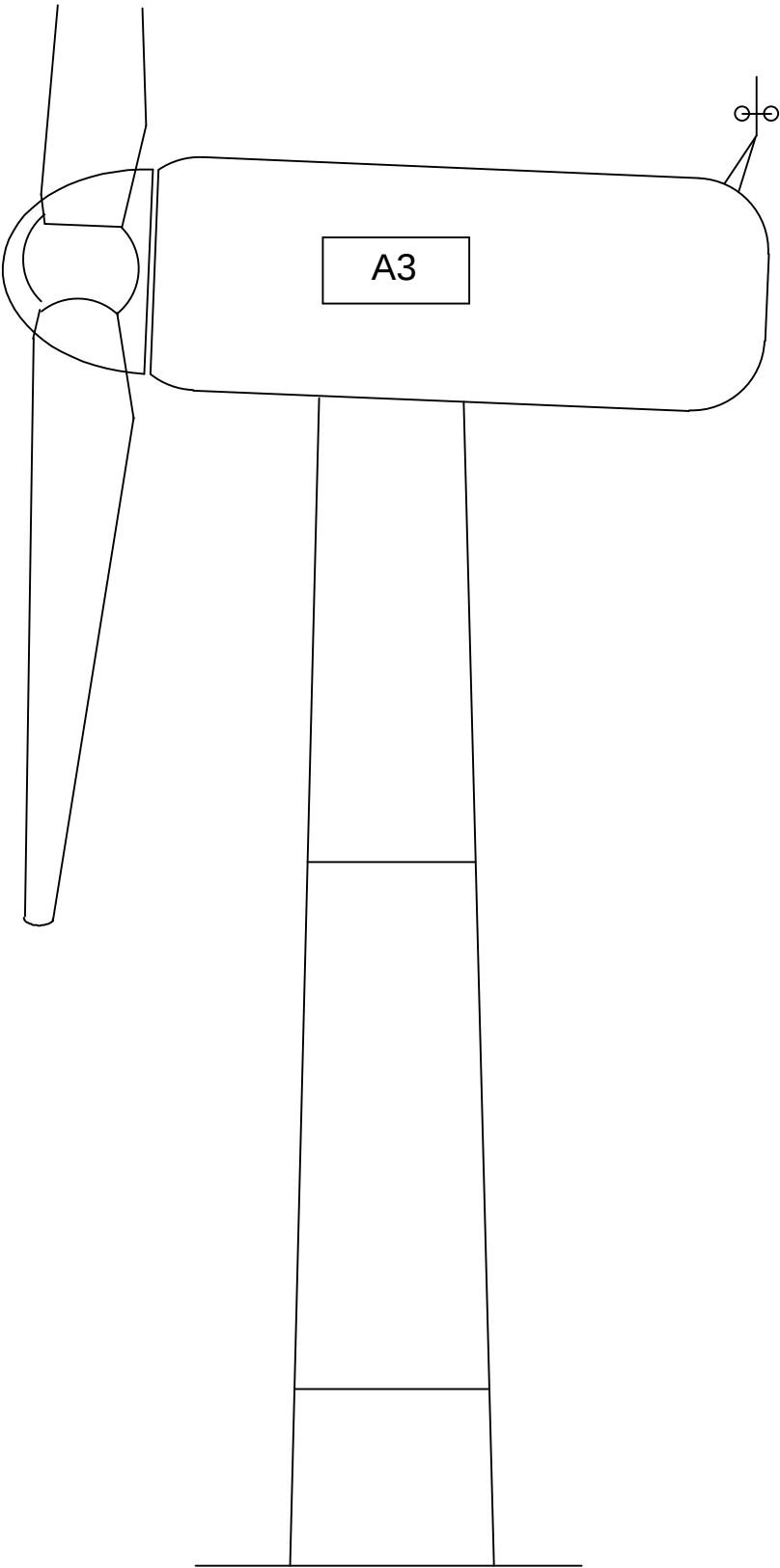
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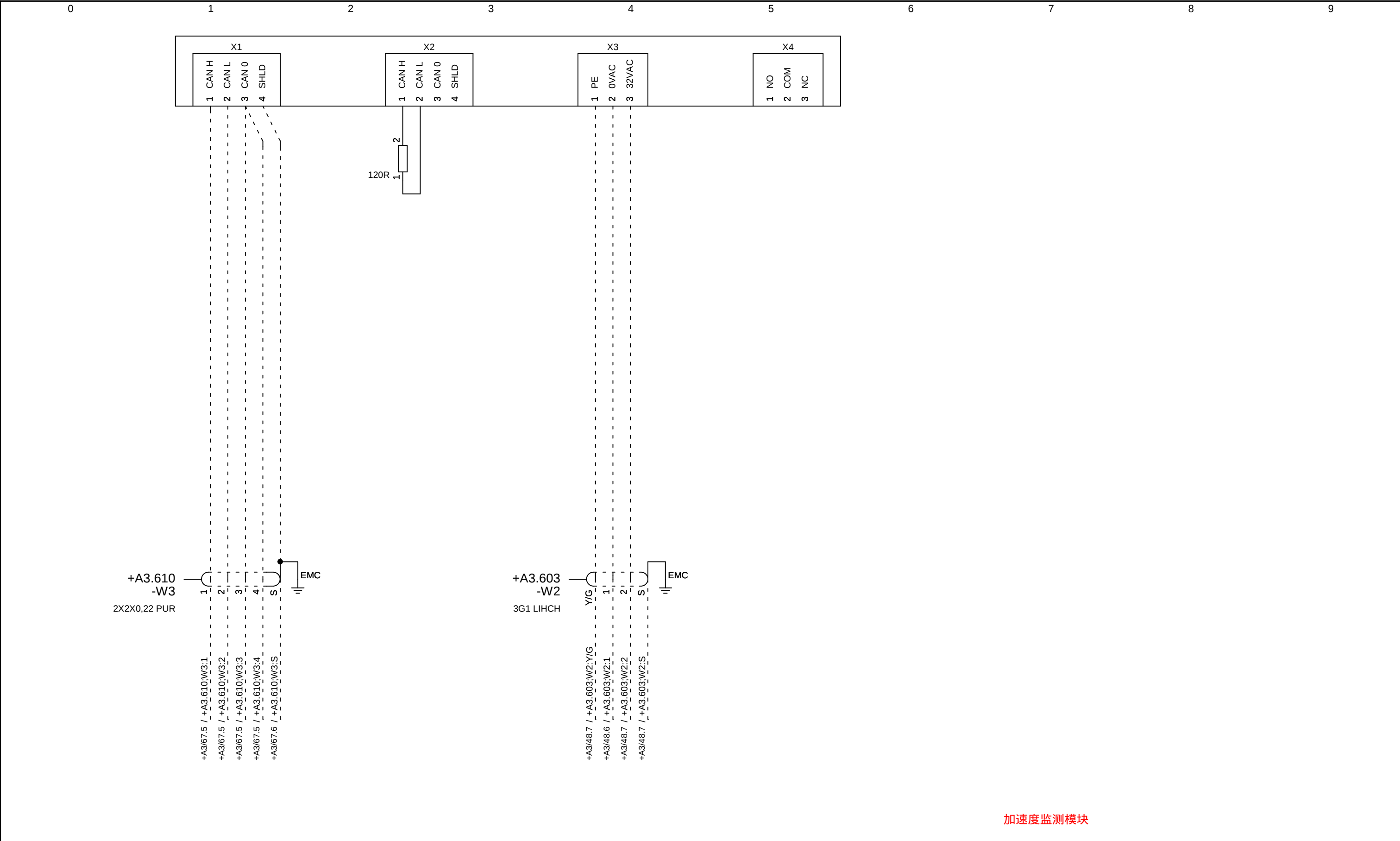




+A319 DIAGRAM

线图





加速度监测模块

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