


<div><div><div>Waterschap</div><div>Aa en Maas</div></div></div> <div><div>Pettelaarpark 70</div><div>5216 PP 's-Hertogenbosch</div><div>Postbus 5049</div><div>5201 GA 's-Hertogenbosch</div><div>Tel.: 073-615 66 66</div><div>Fax.: 073-615 66 00</div></div>	<div><div>Rioolgemaal</div><div>:</div><div>SCHAIJK</div></div> <div><div>Functie</div><div>:</div><div>VERPOMPEN VAN RIOOLWATER</div></div> <div><div>Codering rioolgemaal</div><div>:</div><div>RG 9-280</div></div> <div><div>Adres</div><div>:</div><div>T OLIEMEULEN</div></div> <div><div>Postcode</div><div>:</div><div>5374HX</div></div> <div><div>Plaats</div><div>:</div><div>SCHAIJK</div></div> <div><div>Gemeente</div><div>:</div><div>Landerd</div></div> <div><div>Zuiveringsregio</div><div>:</div><div>Maas</div></div> <div><div>RWZI</div><div>:</div><div>OIJEN</div></div>
<div>TEKENING PAKKET GEZIEN:</div> <div><div>Naam : _____</div><div>Datum : _____</div></div>	

VOOR GOEDKEURING FOR APPROVAL		VOOR UITVOERING FOR CONSTRUCTION		DEFINITIEF AS BUILT	
DATE :	PAR :	DATE :	PAR:	DATE :	PAR :

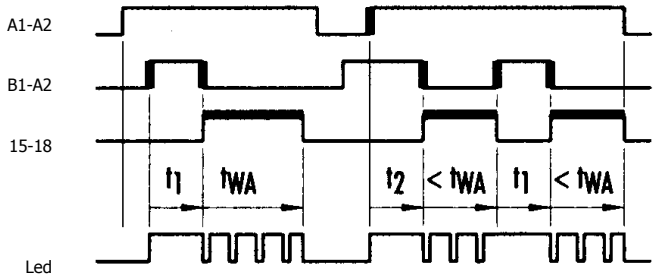
PAGINA-OVERZICHT

PAGINA	KOPNAAM	LAATSTE WIJZIGING		PAGINA	KOPNAAM	LAATSTE WIJZIGING	
		DATUM	ACC.			DATUM	ACC.
1	Voorblad			416	Digitale ingangen PLC		
2	Pagina overzicht			417	Digitale ingangen PLC		
3	Legenda			418	Digitale ingangen PLC		
4	Schakel lay-out			419	Digitale ingangen PLC		
10	Hoofdaardrail			420	Digitale ingangen PLC		
11	Hoofdstroomschema			421	Digitale ingangen PLC		
12	Krachtverdelers			422	Digitale ingangen PLC		
13	Lichtverdelers			423	Digitale ingangen PLC		
14	Lichtverdelers			424	Digitale ingangen PLC		
15	Kastverlichting kastventilatie			425	Digitale uitgangen PLC		
50	Hoofdstroom pomp 1			426	Digitale uitgangen PLC		
51	Hoofdstroom pomp 2			427	Digitale uitgangen PLC		
52	Hoofdstroom lenspomp en verwarming			428	Digitale uitgangen PLC		
53	Hoofdstroom schuifafsluiter zuigleiding pomp 1			500	X1.1		
54	Hoofdstroom schuifafsluiter zuigleiding pomp 2			501	X1.2		
57	Hoofdstroom schuifafsluiter centrale persleiding			502	X2		
90	Stuurstroom 230VAC			503	X3		
91	Stuurstroom 24VDC			504	X3		
100	Stuurstroom 230VAC pomp 1			505	X4		
101	Stuurstroom 230VAC pomp 1			506	X1.1		
102	Stuurstroom 230VAC pomp 2			601	Kast aanzicht		
103	Stuurstroom 230VAC pomp 2			602	Kast indeling		
104	Stuurstroom 230VAC algemeen			605	Tekstplaatjes		
105	Stuurstroom 230VAC algemeen			800	Materiaal lijst		
110	Stuurstroom 24VDC algemeen			801	Materiaal lijst		
111	Stuurstroom 24VDC algemeen			802	Materiaal lijst		
200	Signalering 24VDC			803	Materiaal lijst		
300	Indeling TMX			804	Materiaal lijst		
301	Digitale ingangen LM-8			805	Materiaal lijst		
302	Teller ingangen LM-8			806	Materiaal lijst		
303	Analoge ingangen LM-8			807	Materiaal lijst		
304	Digital uitgangen LM-8						
400	Indeling PLC						
401	Pin-layout profibus en RS232						
410	Analoge ingangen PLC						
411	Analoge ingangen PLC						
412	Analoge uitgangen PLC						
413	Digitale ingangen PLC						
414	Digitale ingangen PLC						
415	Digitale ingangen PLC						

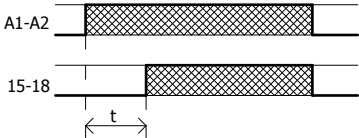
0	1	2	3	4	5	6	7	8	9
Code				Gebruikte klemmenstroken			Speciale eisen		
<div><div><div>Benaming</div><div>Padnummer</div><div>6K1</div><div>Bladnummer</div></div><div><div>3S2</div><div>CODE</div><div>"A"</div><div>Code nr.</div><div>Zie schakel lay-out blad</div></div><div><div><div>M</div><div>V</div></div><div><div>8.6</div><div>Maakkontakt op blad 8 stramien 6</div></div><div><div>9.4</div><div>Verbreekkontakt op blad 9 stramien 4</div></div></div><div><div><div>Aansluitklemmen in schakelkast</div><div><div><div>Normale klem</div><div>Externe kant klem</div></div><div><div>PLC klem</div></div></div></div><div><div>Ontwerp volgens NEN 1010 5 druk e</div><div>Coderingen en symbolen overeenkomstig: NEN 5152 - NEN 11082-1</div></div></div></div>				<div>X0 = Aansluitlijst X0 X0.1 = Aansluitlijst X0.1 X0.2 = Aansluitlijst X0.2 X1.1 = Aansluitlijst X1.1 X1.2 = Aansluitlijst X1.2 X2 = Aansluitlijst X2 X3 = Aansluitlijst X3 X4 = Aansluitlijst X4 1X3 = 1X3 Naar bedienkast 1</div> <div>KK1-50U1 = 50U1 in klemmenkast 1 KK1-51U1 = 52U1 in klemmenkast 1</div> <div>KK1-X3 = X3 in klemmenkast 1 KK1-X4 = X4 in klemmenkast 1 KK2-X3 = X3 in klemmenkast 2 KK2-X4 = X4 in klemmenkast 2</div>			<div>- Uitgang UPS bekabelen als zijnde vreemde spanning</div> <div>- Hoofdstroom bedrading 400V en 230V in separate bedradingskoker aanbrengen t.o.v. alle andere stuur en signaalbedradingen.</div> <div>Het kruisen van de bedrading is toegestaan (5.5)</div>		
				Identificatie code in kast					
				3SC4 / 14870					
				Bedrading					
<div><div><div>Hoofdstroomketens</div><div>Nulleider</div><div>Stuurstroom 230Vac</div><div>Stuurstroom nul</div><div>Schakeldraad 230Vac</div><div>Beschermingsleiding</div><div>24Vdc (+)</div><div>Schakeldraad 24Vdc</div><div>24Vdc (0)</div><div>24Vac</div></div><div><div>Zwart</div><div>Blauw</div><div>Bruin</div><div>Blauw</div><div>Zwart</div><div>Geel/groen</div><div>Rood</div><div>Violet</div><div>Wit</div><div>Oranje</div></div><div><div>Vreemde spanningen</div></div><div><div>Bovenstaande kleuren gearceerd met Wit</div></div><div><div>Analoge meetleidingen</div></div><div><div>Grijs</div></div><div><div>Profibus</div></div><div><div>Paars</div><div>A=Groen</div><div>B=Rood</div></div></div>				<div>Indien niet nader aangegeven</div> <div><div>Hoofdstroom1,5 mm²</div><div>Stuurstroom1 mm²</div><div>Signalering0,75mm²</div></div> <div><div>Klemmenstrook aanduidingen</div><div><div>Kastnummer</div><div>..X1 = Hoofdstroom 230/400V</div><div>..X2 = Stuurstroom > 50VAC / 60VDC</div><div>..X3 = Stuurstroom < 50VAC / 60VDC</div><div>..X4 = Analoge signalen</div><div>..X5 = Vreemde spanning</div><div>..X4i = Intrinsiek</div></div></div> <div>(Geen kastnummer = Hoofdkast)</div>			<div><div><div>10L3</div><div>13</div><div>3K7</div><div>14</div><div>13</div><div>3K7.1</div><div>14</div><div>12</div><div>3X7</div><div>12</div><div>3X7.1</div><div>12</div><div>A1</div><div>3K7.2</div><div>A2</div><div>10N3</div></div><div>VOORBEELD Adercodering</div><div>Opbouw :</div><div>13 = Aansluiting</div></div>		

Code "1"	<div>12</div>	<div>34</div>	<div>56</div>	<div>78</div>	<div>109</div>	<div>1211</div>
Auto	✕		✕		✕	
Nood		✕		✕		✕

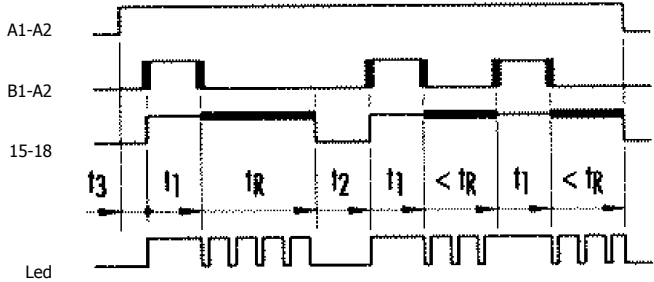
CODE "22"



CODE "11"

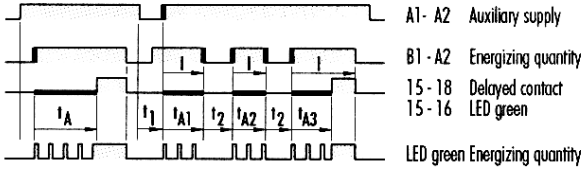


CODE "12"



Code "11C"

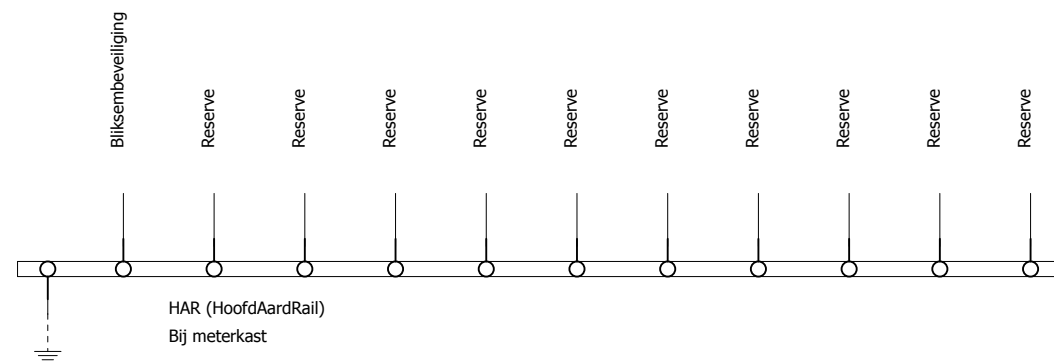
Function code 11C = ON-delay, accumulative y/n,
with auxiliary supply



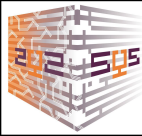
t_A = Operating time
 $t_A = \sum_{i=1}^n t_{Ax}$
 t_1 = Break time, must be > recovery time 1
 t_2 = Break time, must be > recovery time 2

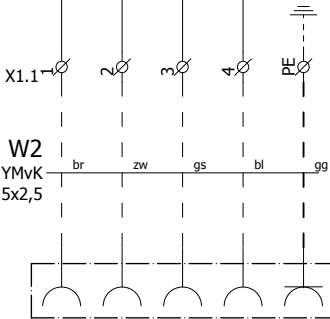
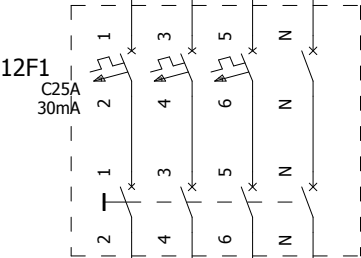
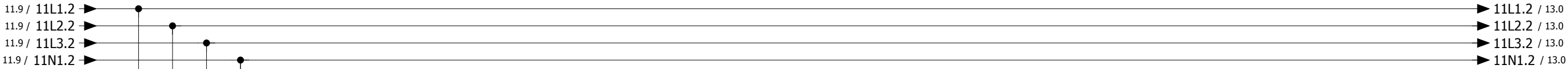


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			Datum	5-9-2011
			Tek.	VDE/PvdH
Wijziging	Datum	Naam	Pr.nr:	A10KAN004



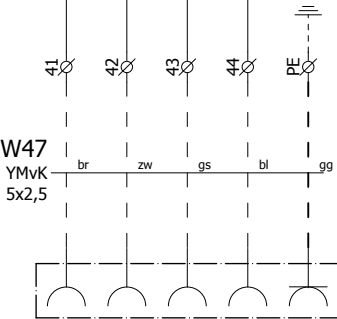
AR (HoofdAardRail)
meterkast





12X1

Kracht WCD 32A
in pompenkelder

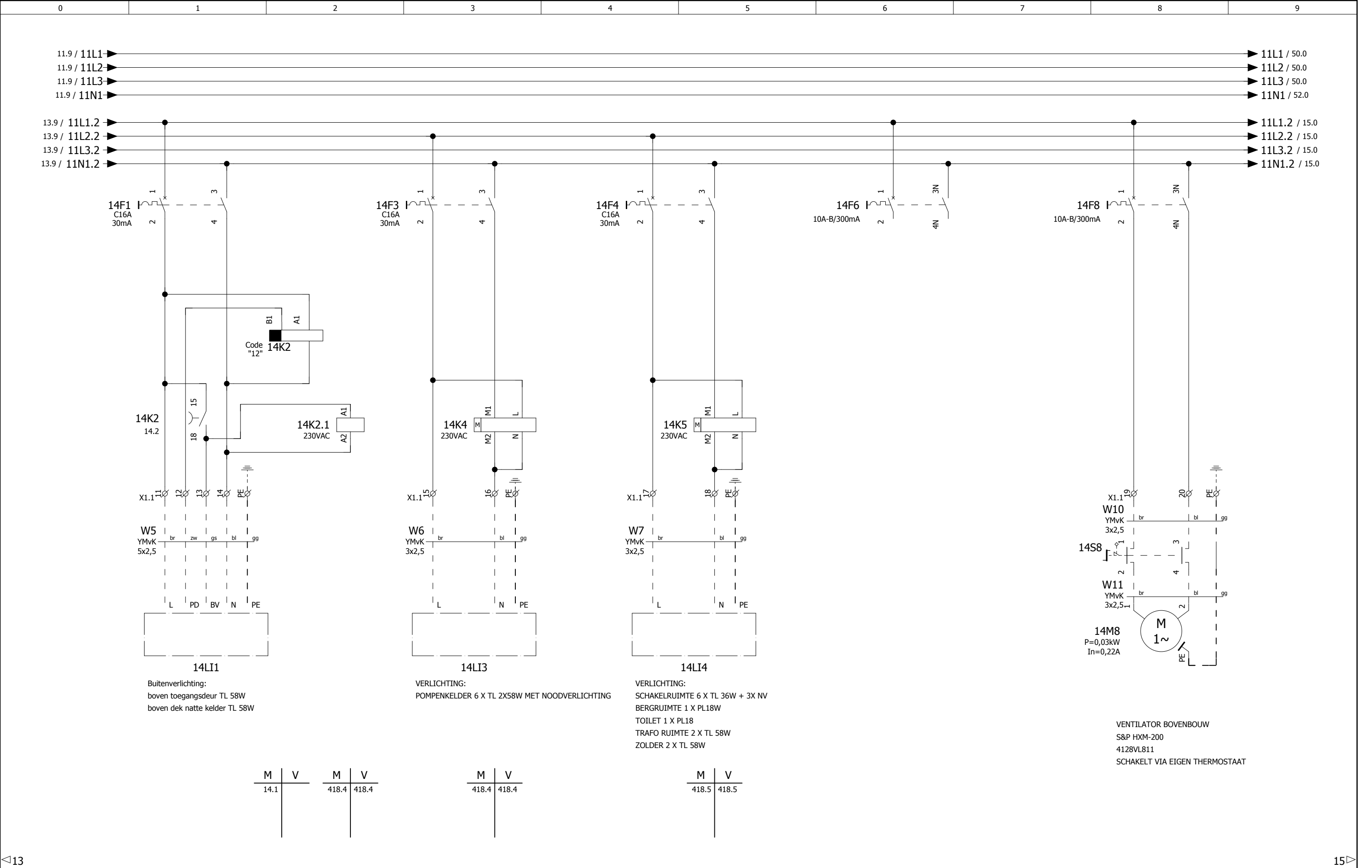


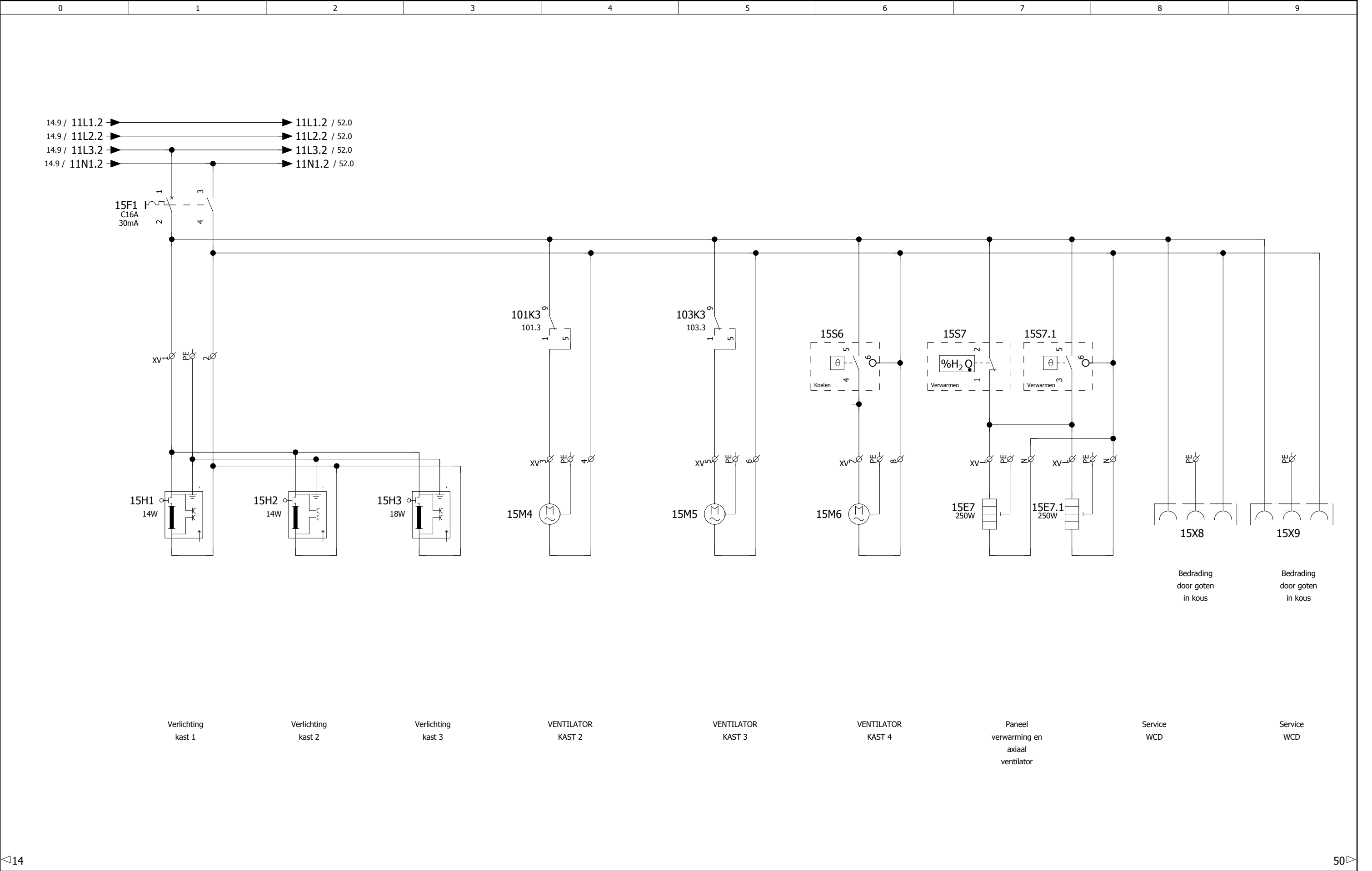
12X2

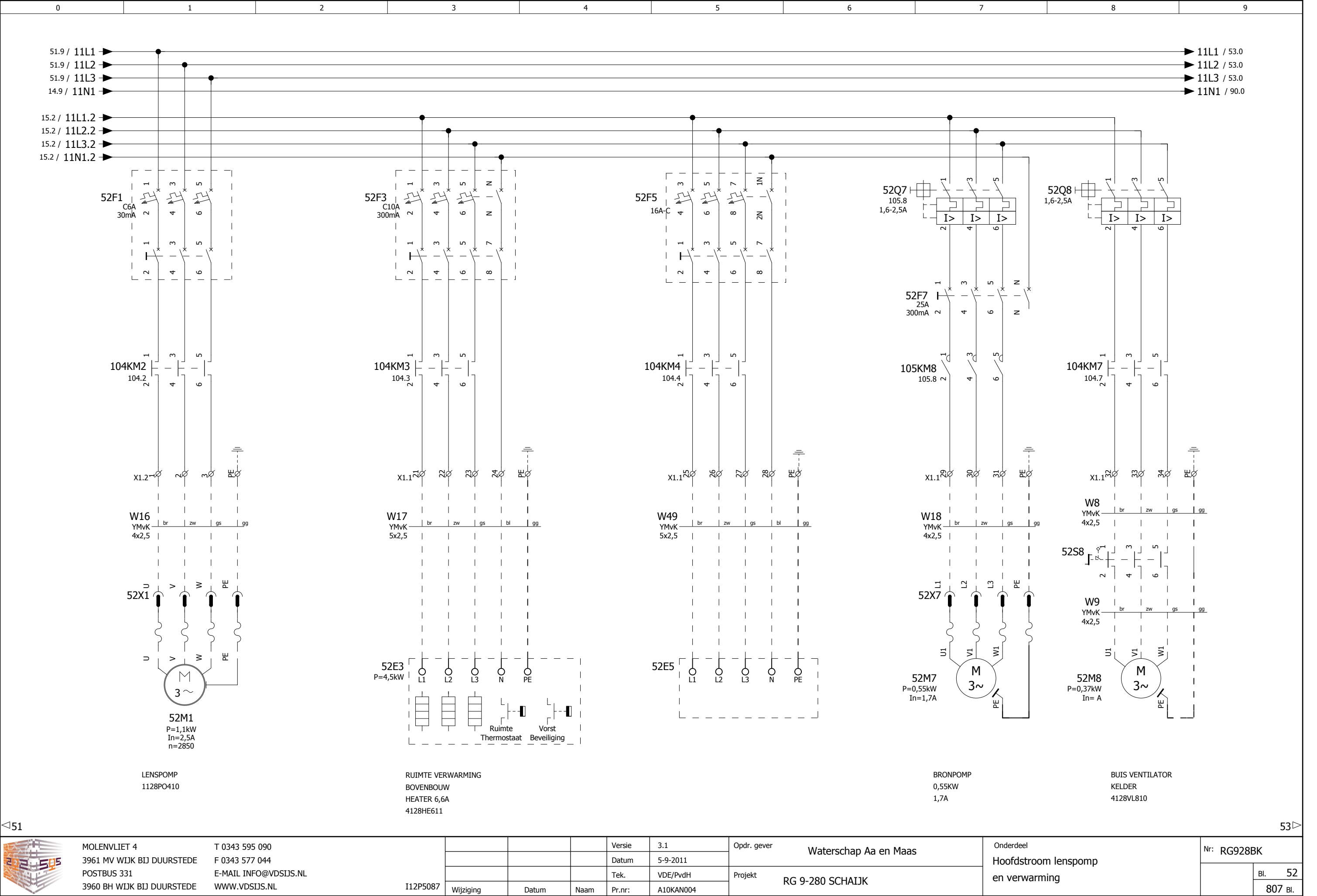
KRACHT WCD 32A
BEGANE GROND



			Versie	3.1
			Datum	5-9-2011
			Tek.	VDE/PvdH
Wijziging	Datum	Naam	Pr.nr:	A10KAN004



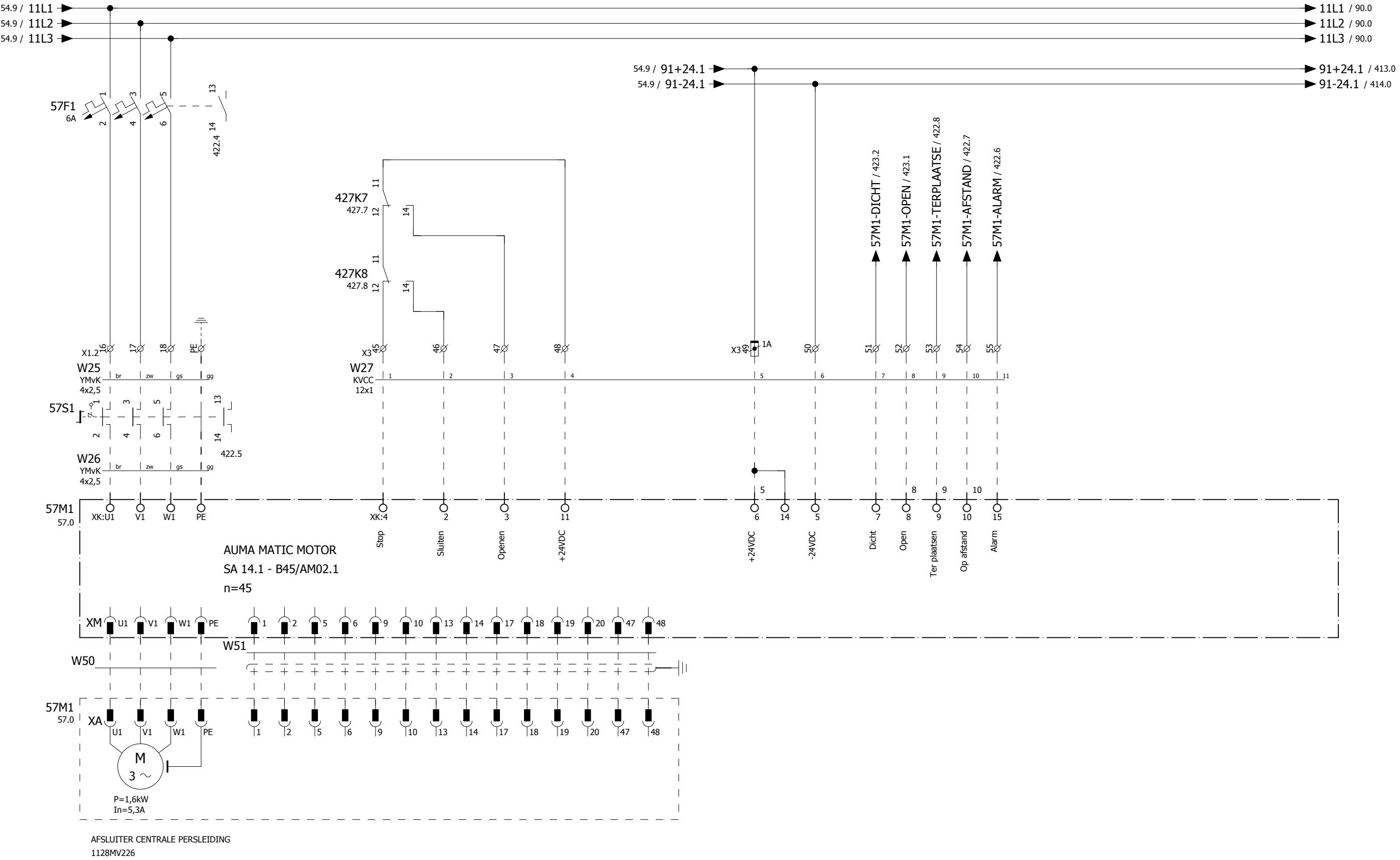


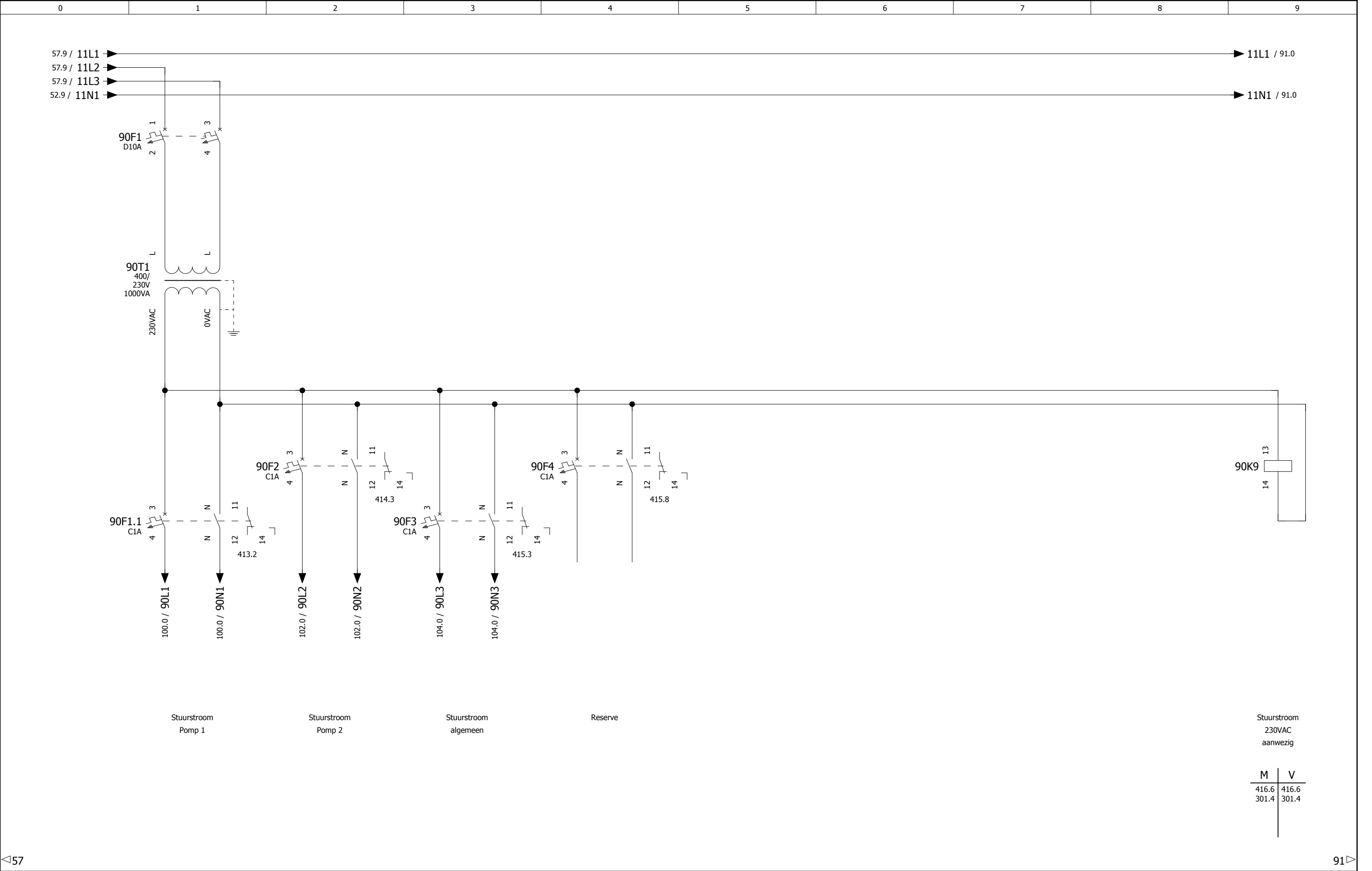


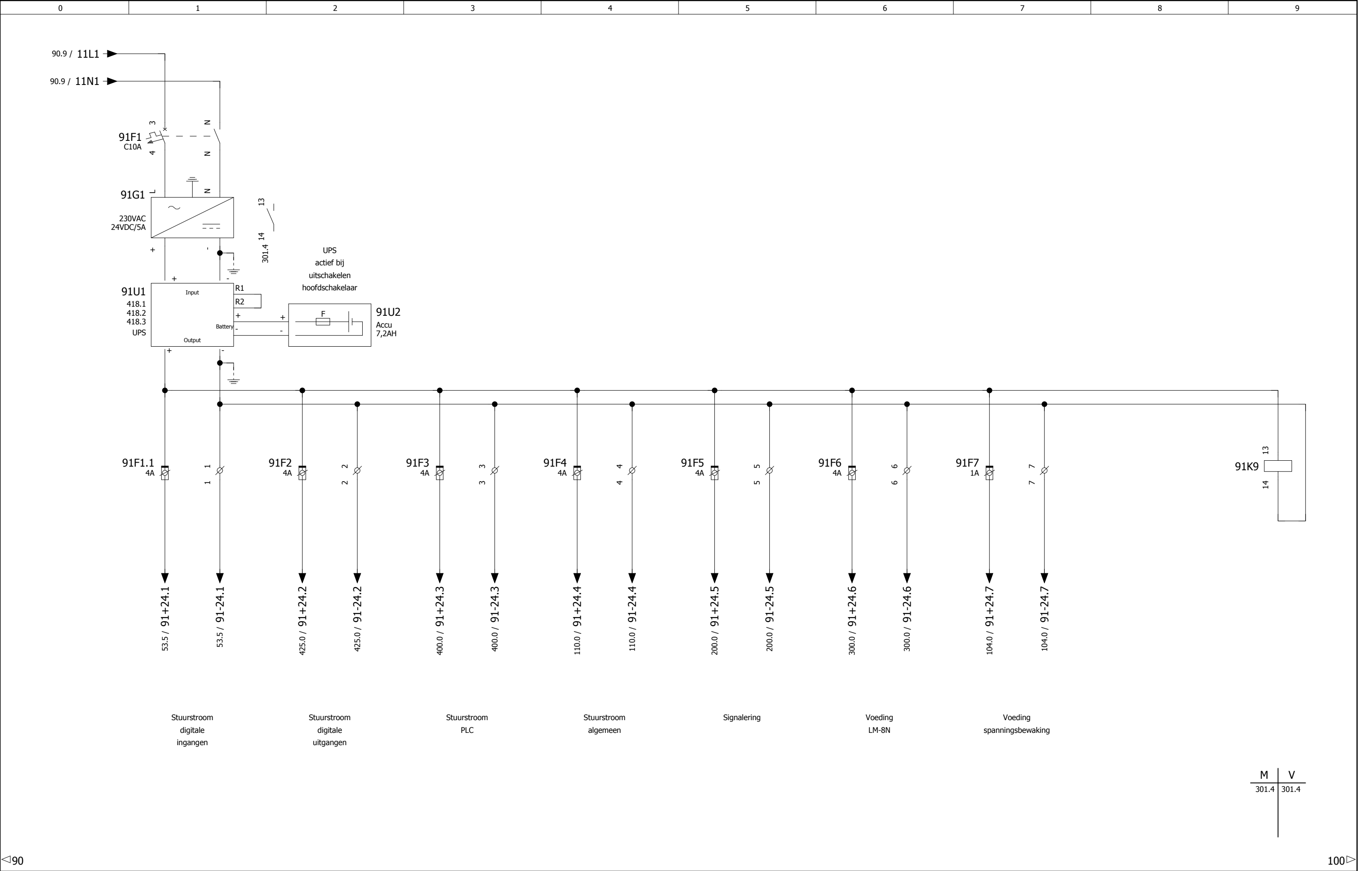
			Versie	3.1
			Datum	5-9-2011
			Tek.	VDE/PvdH
Wijziging	Datum	Naam	Pr.nr:	A10KAN004

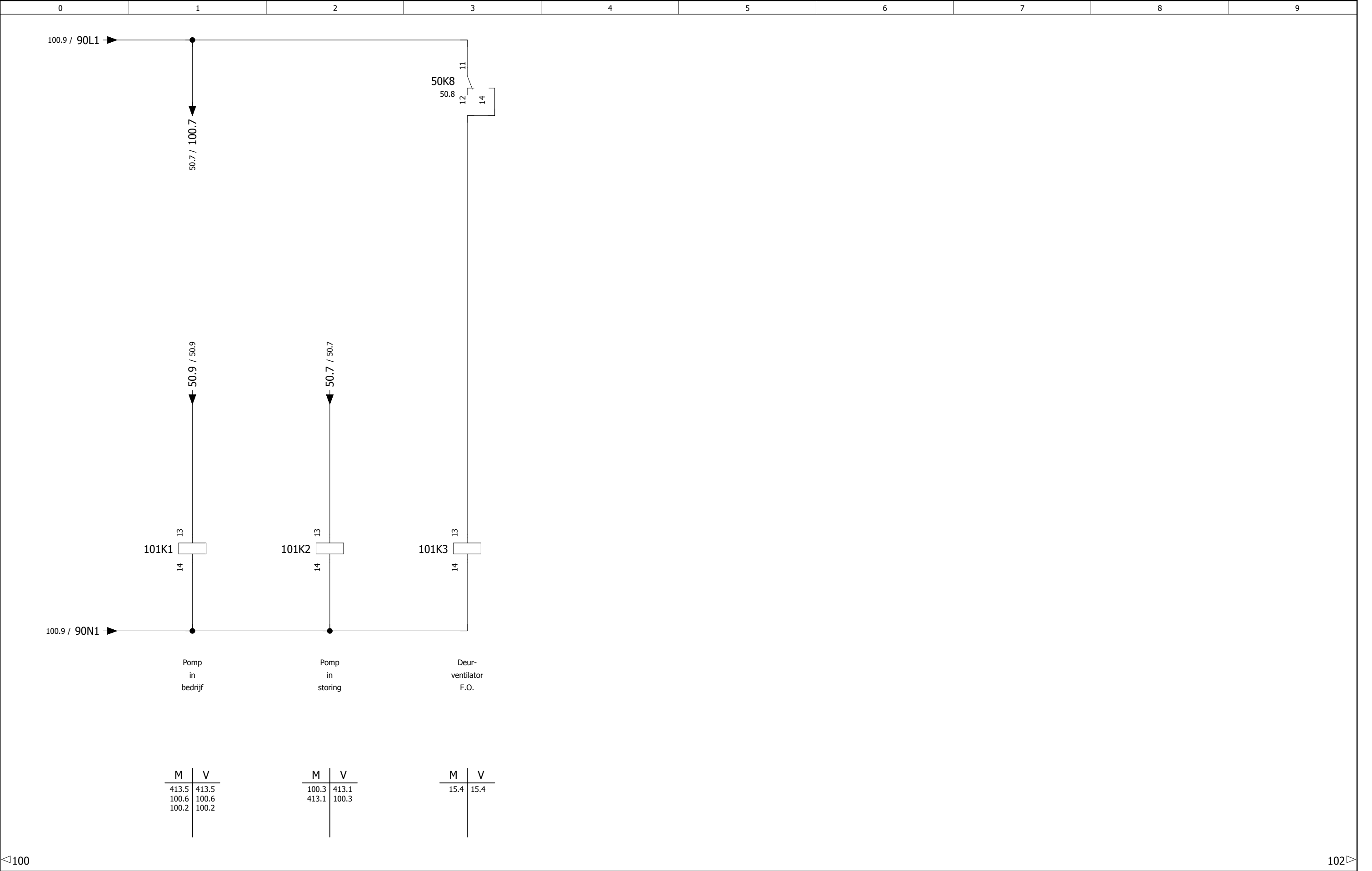
Opdr. gever	Waterschap Aa en Maas
Projekt	RG 9-280 SCHAIJK

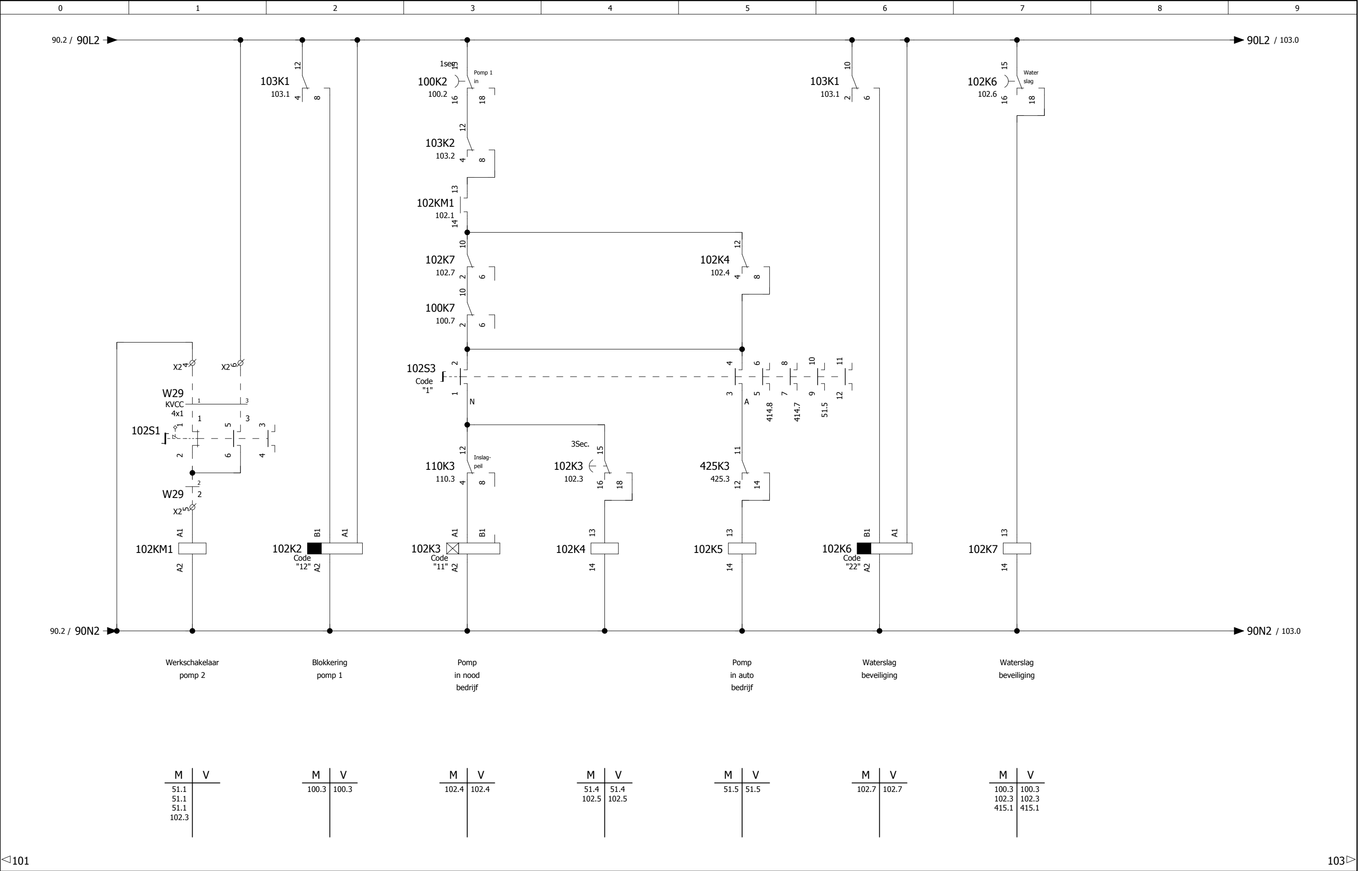
Onderdeel	Nr: RG928BK
Hoofdstroom lenspomp en verwarming	
	Bl. 52
	807 Bl.

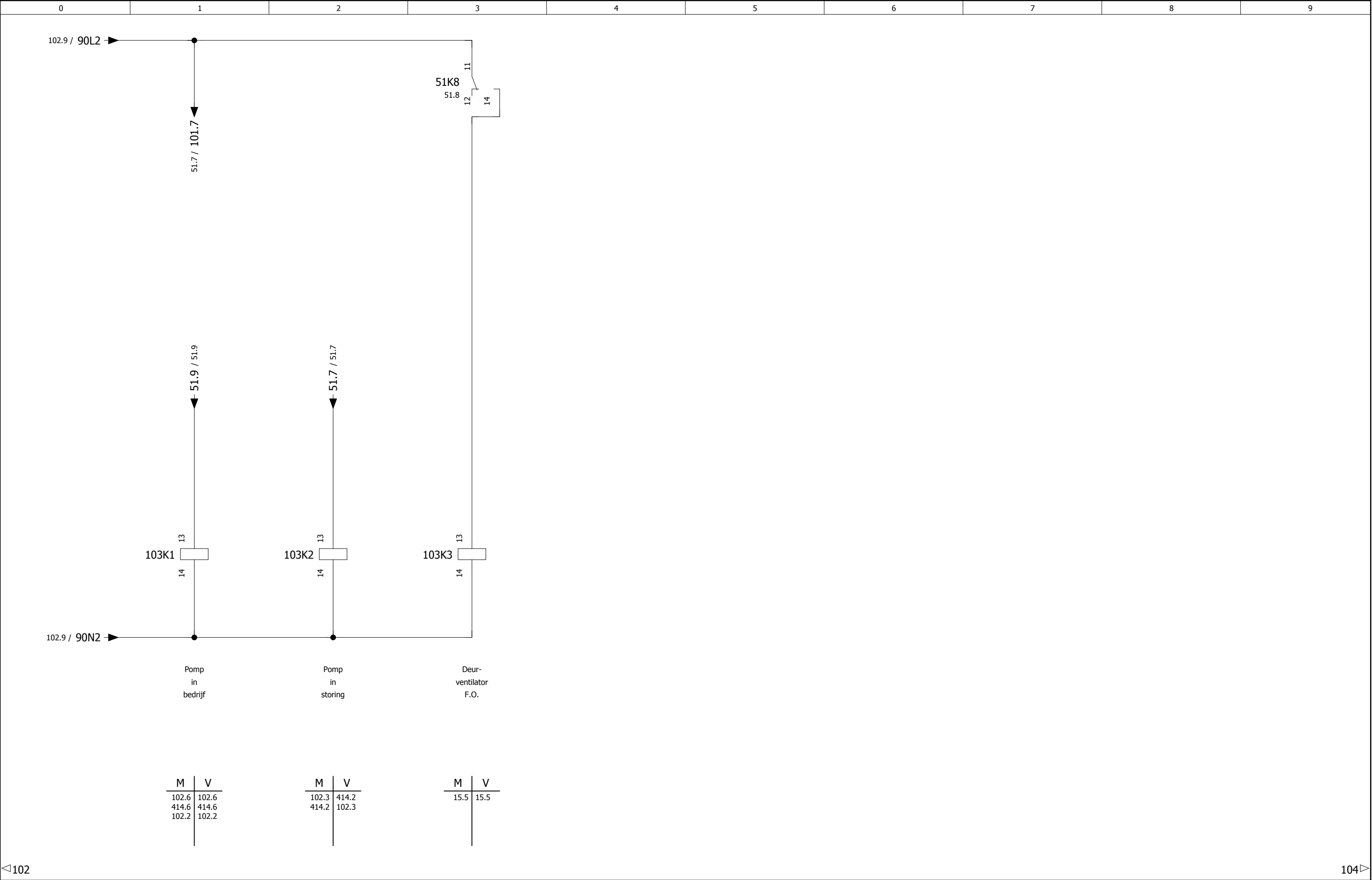


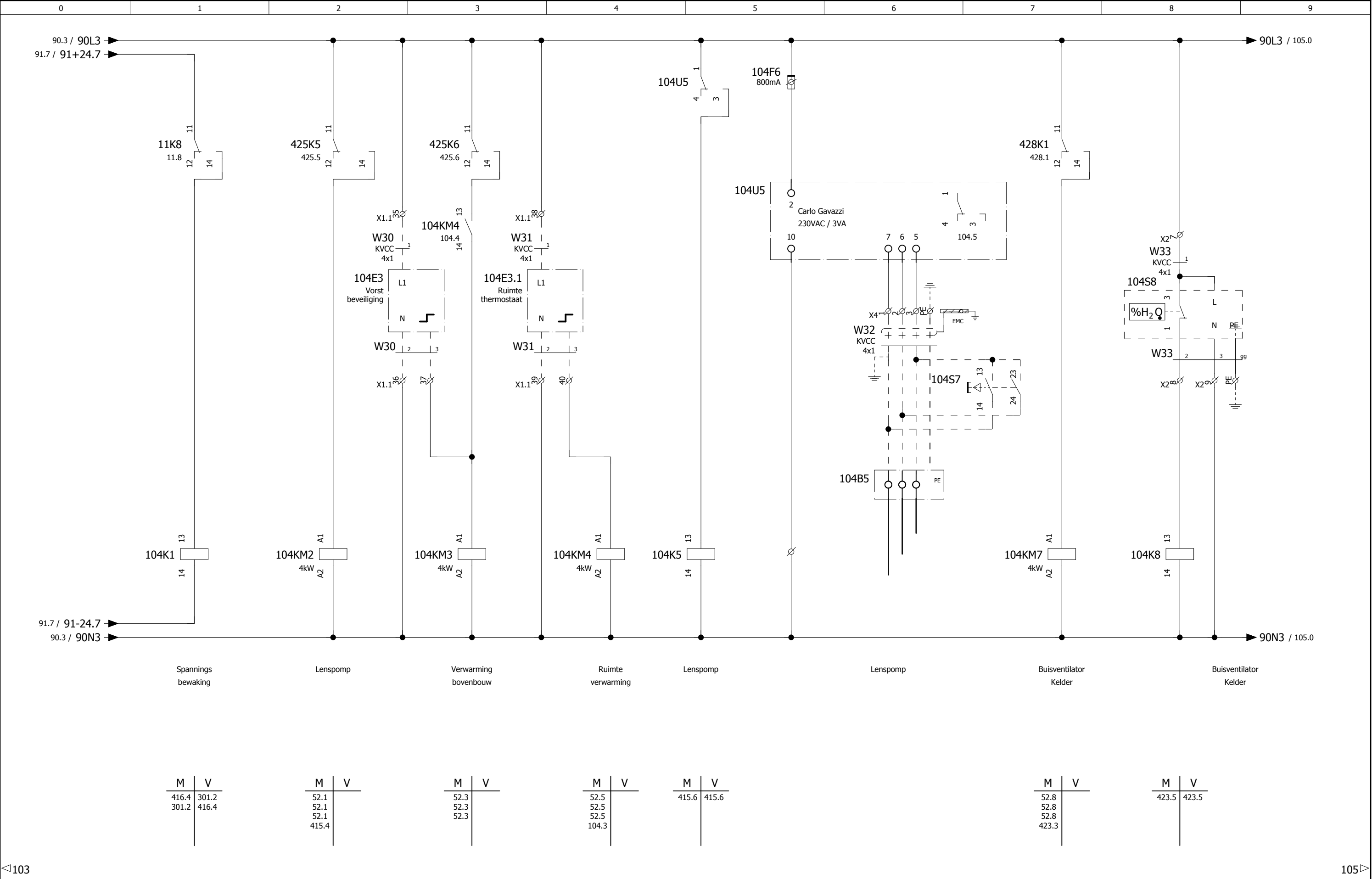


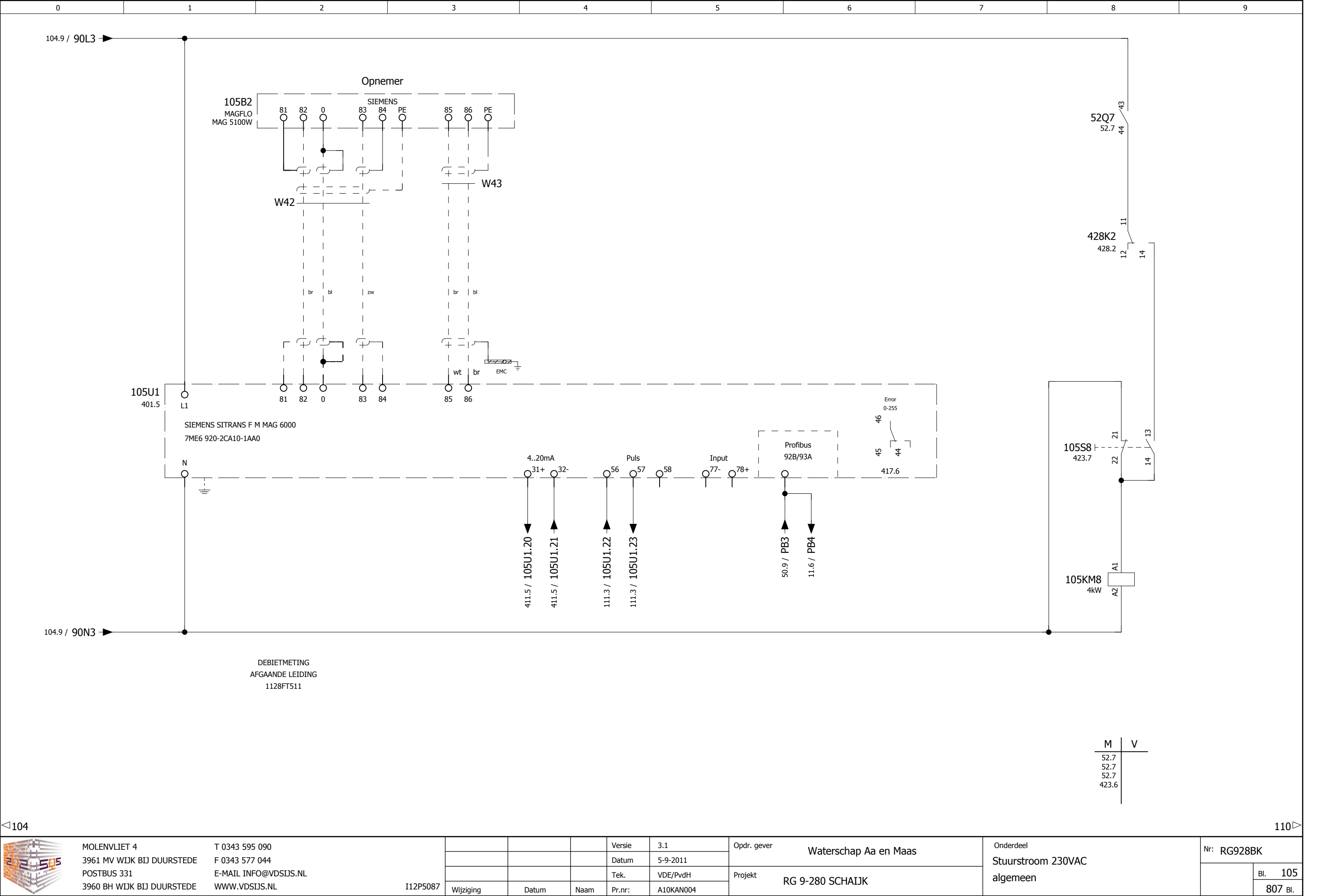


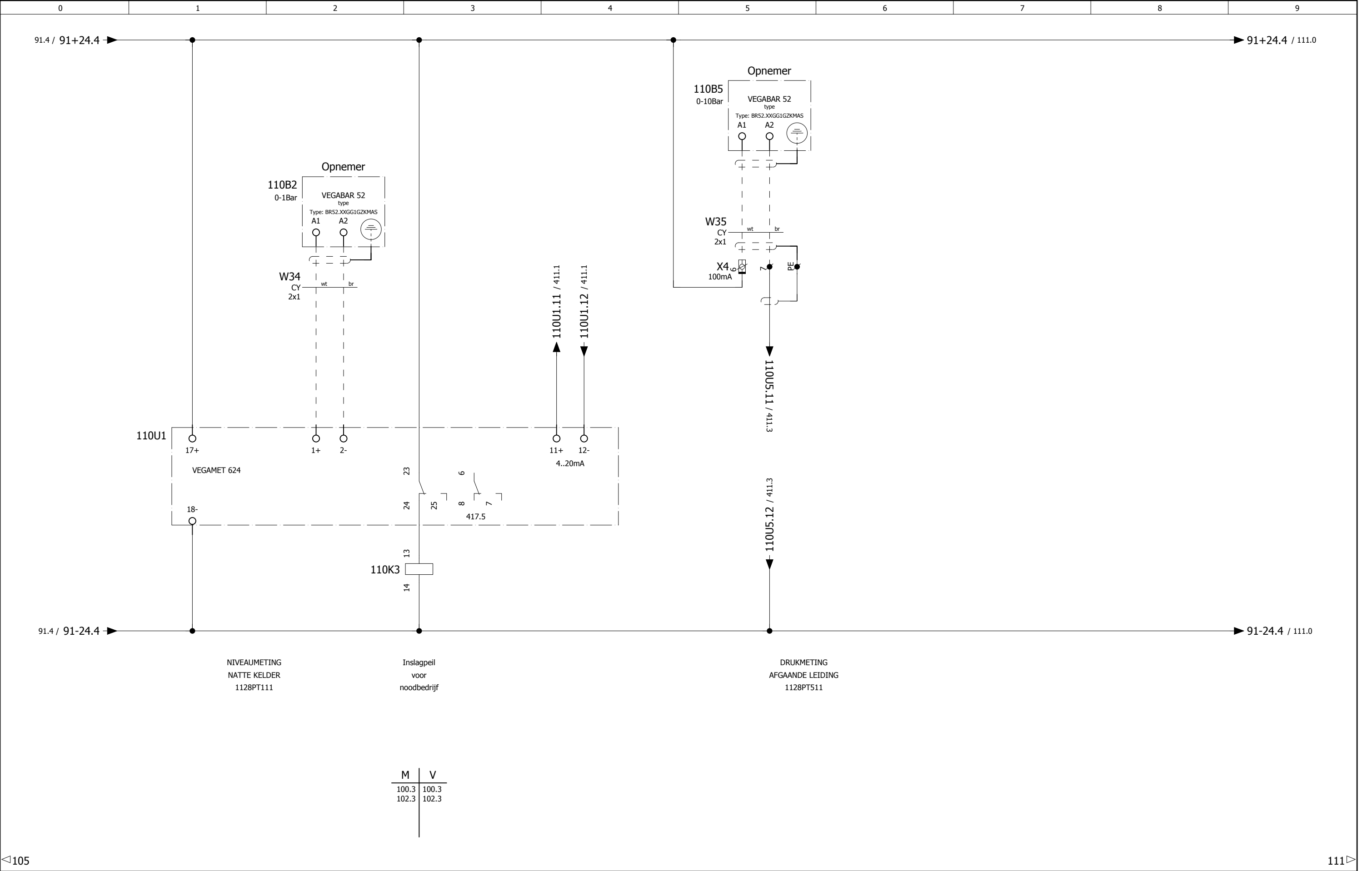


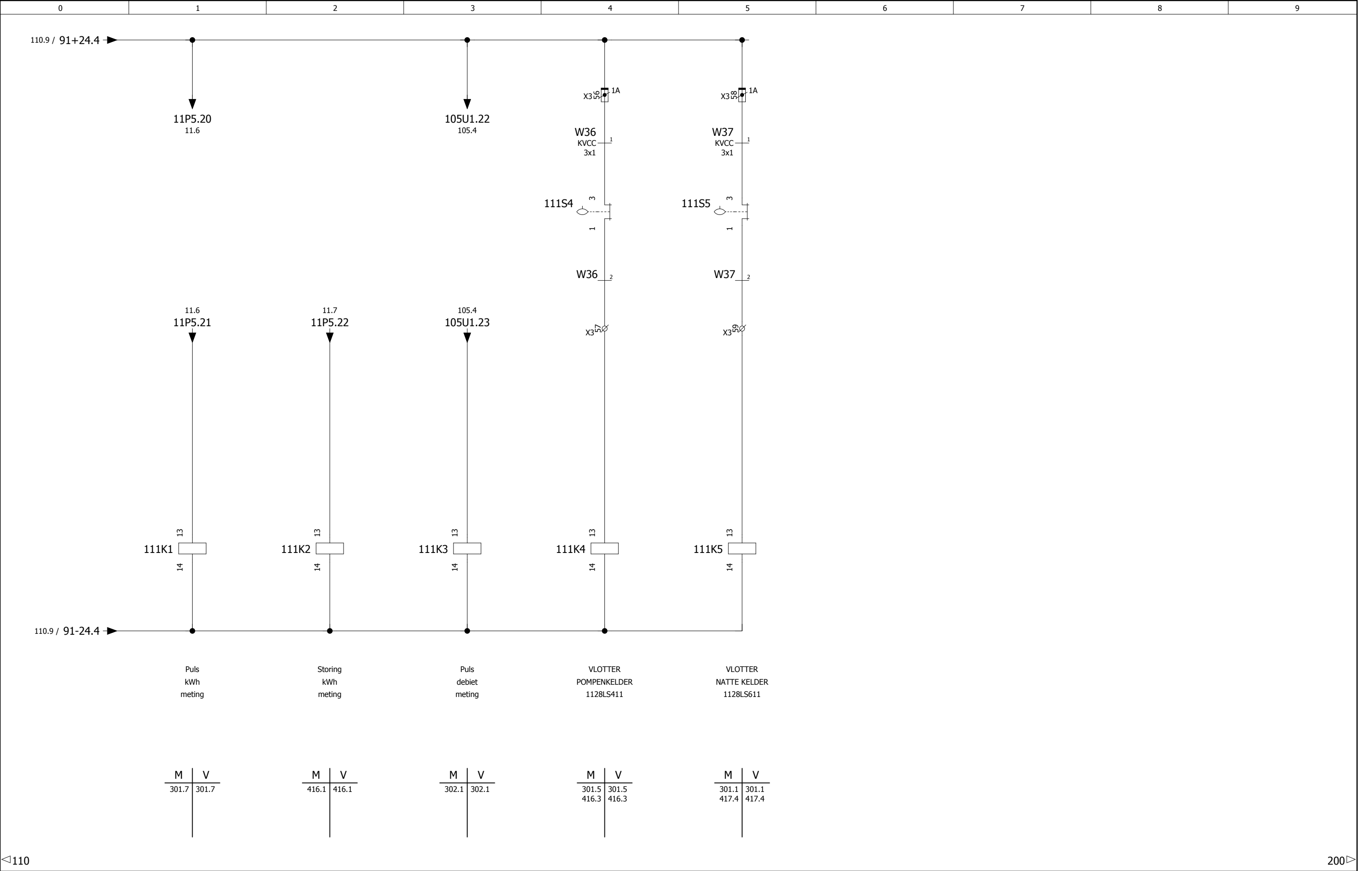


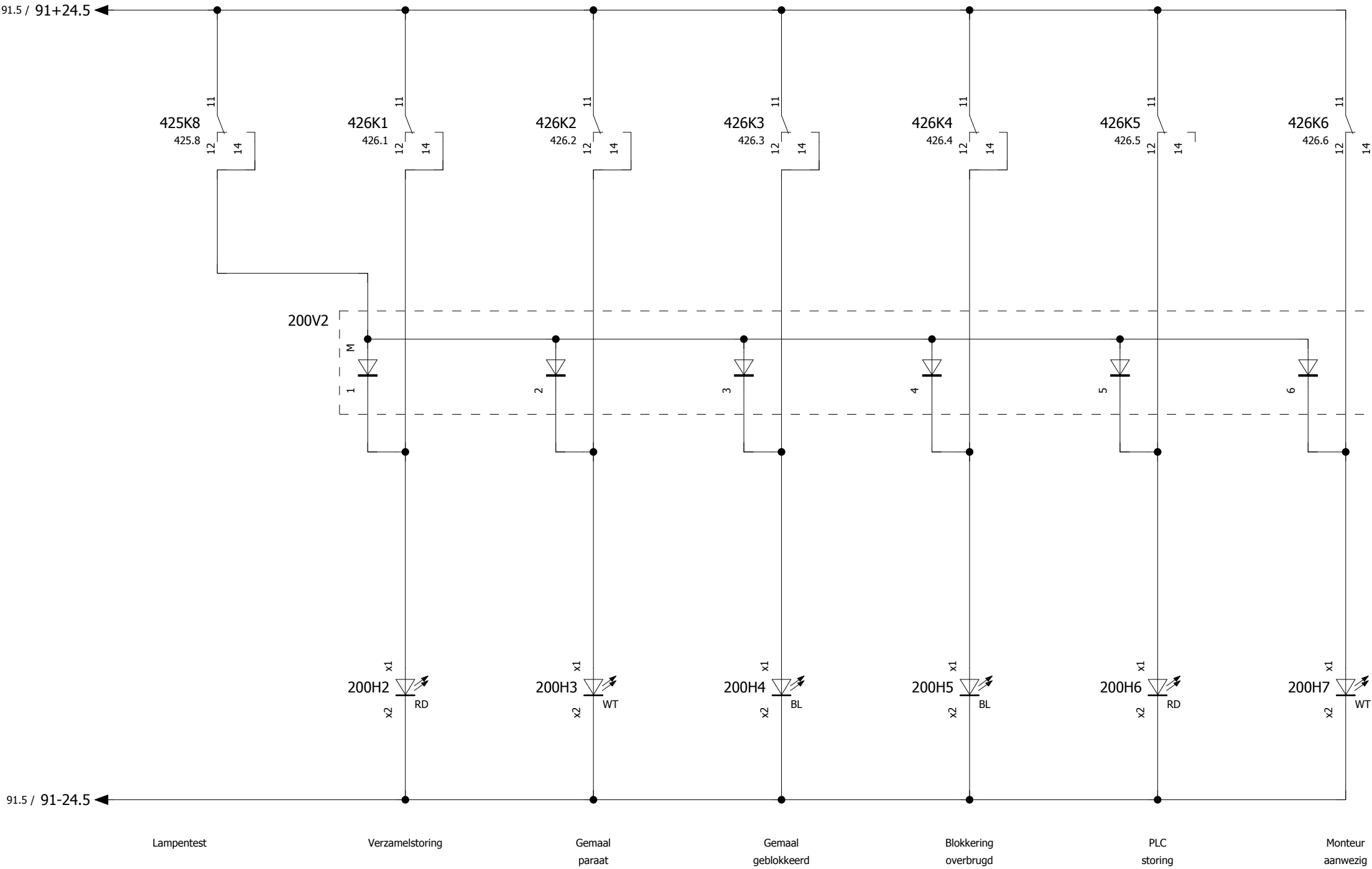


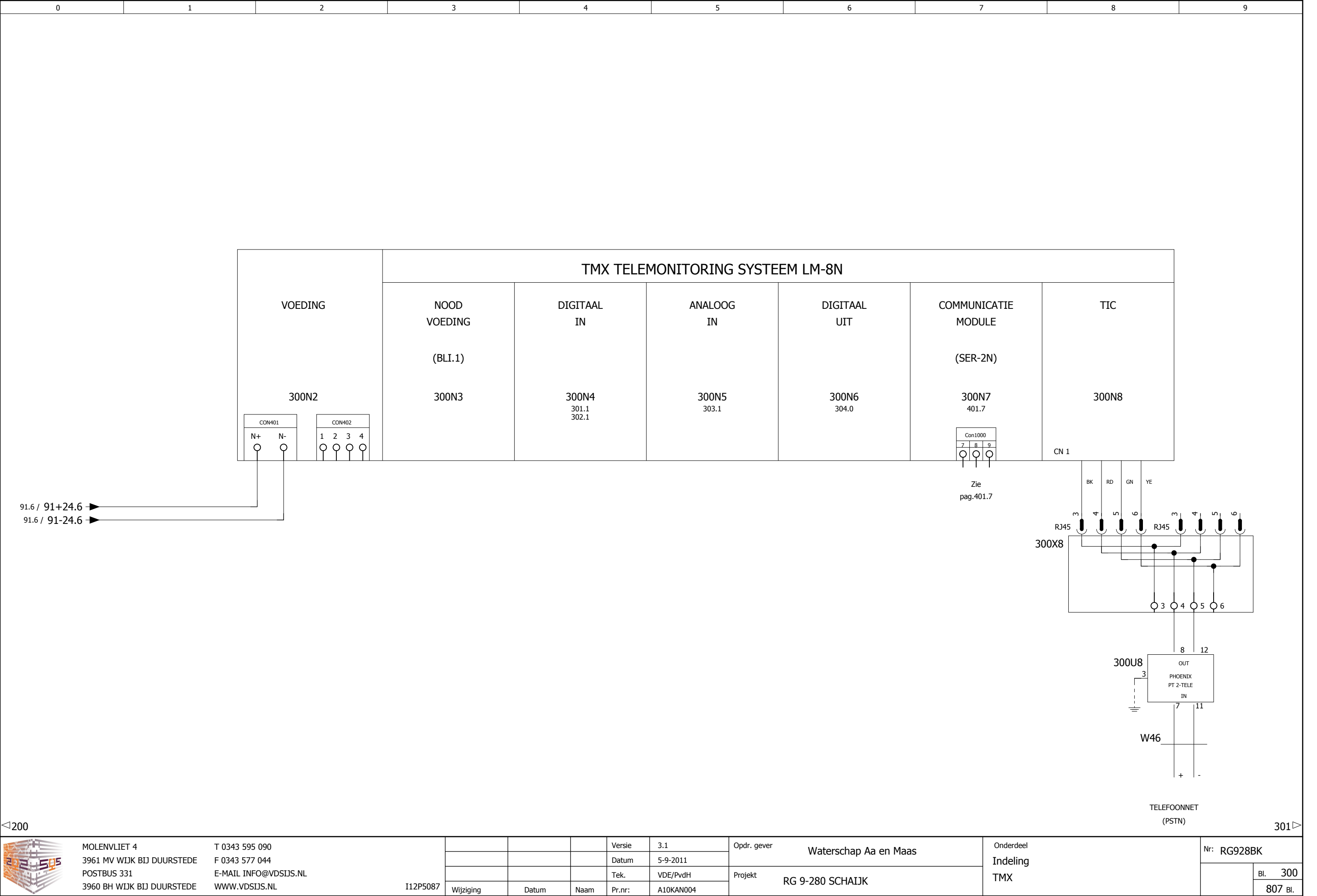


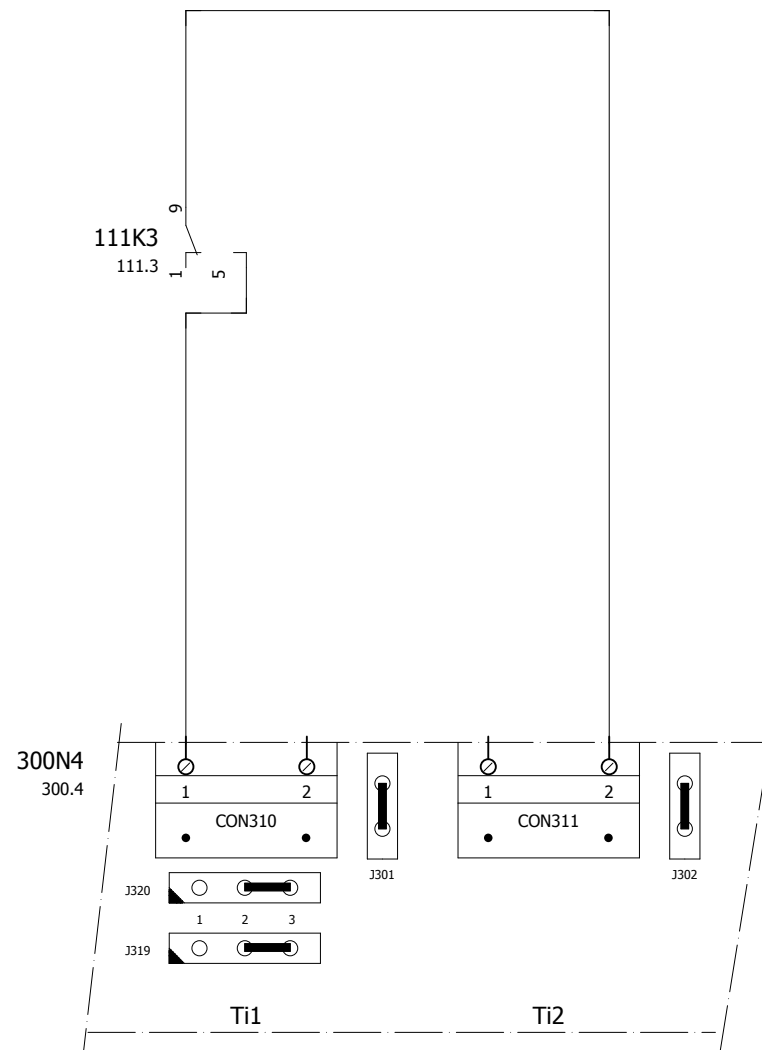


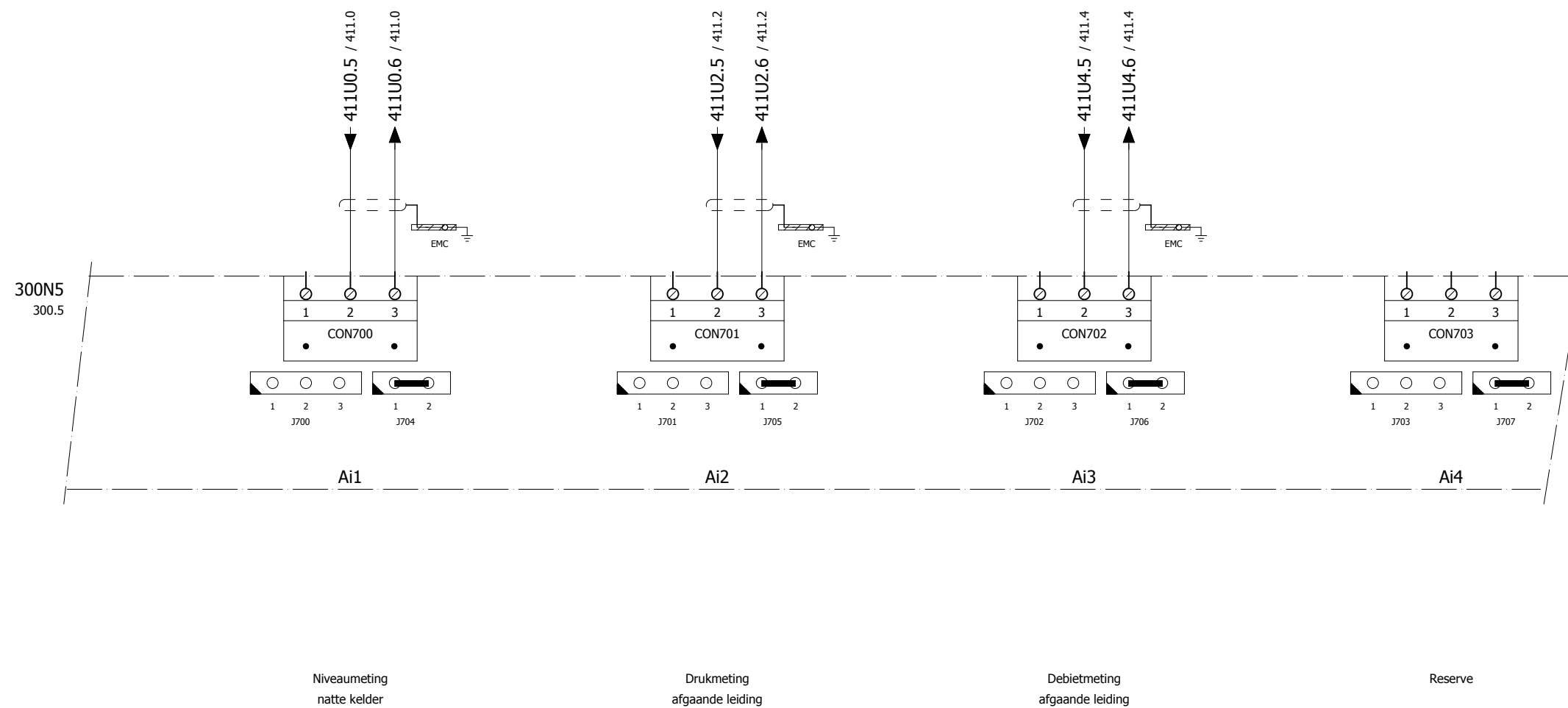


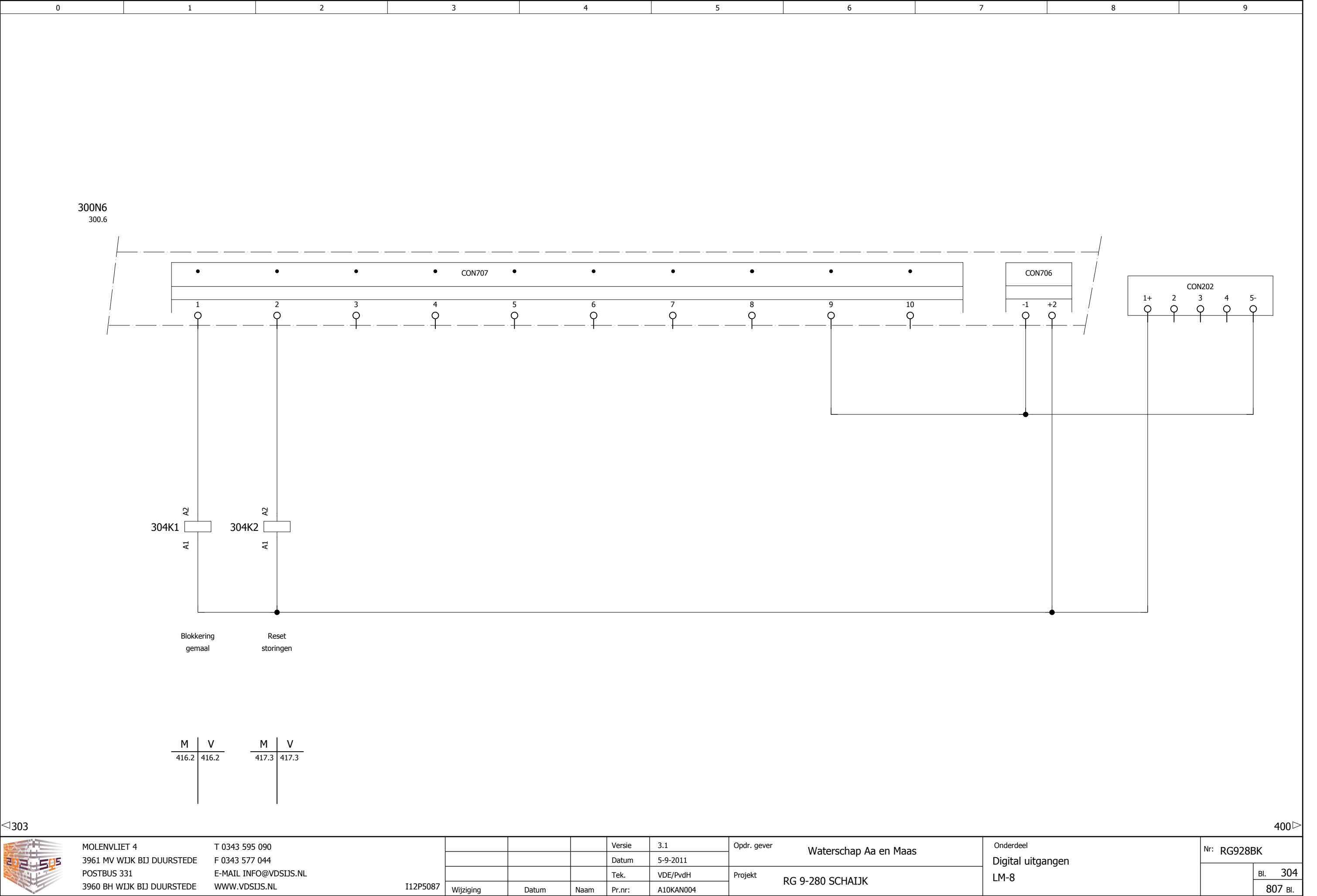




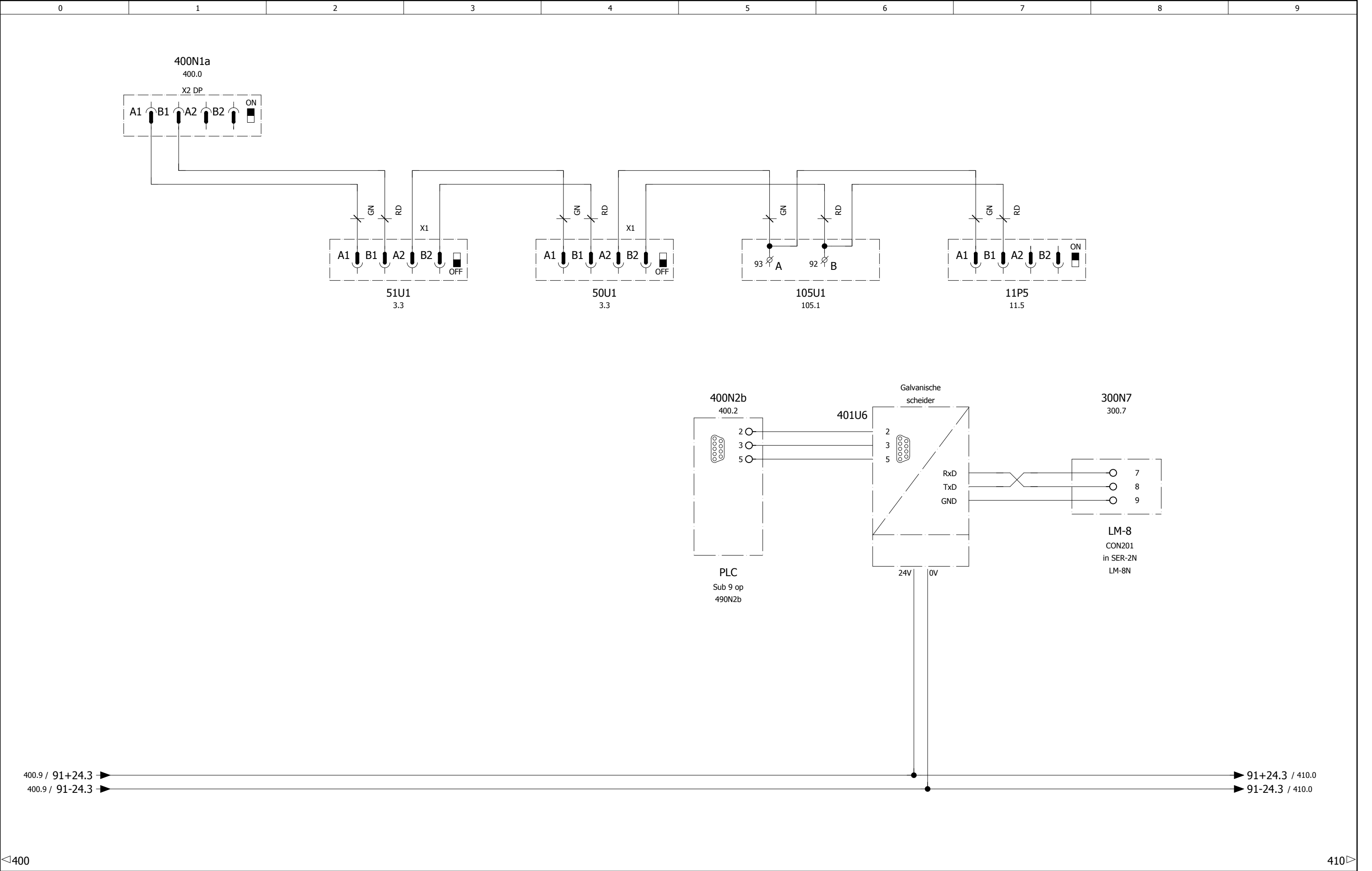


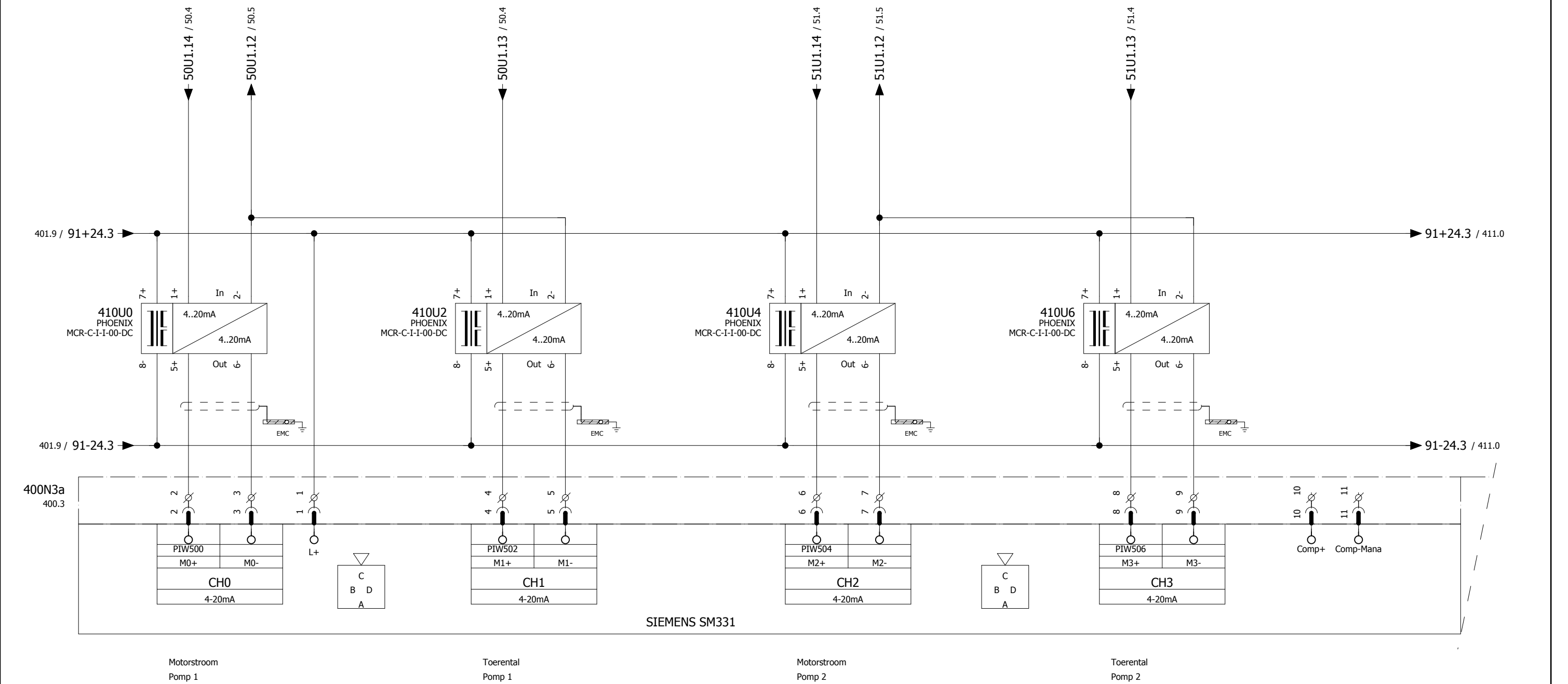


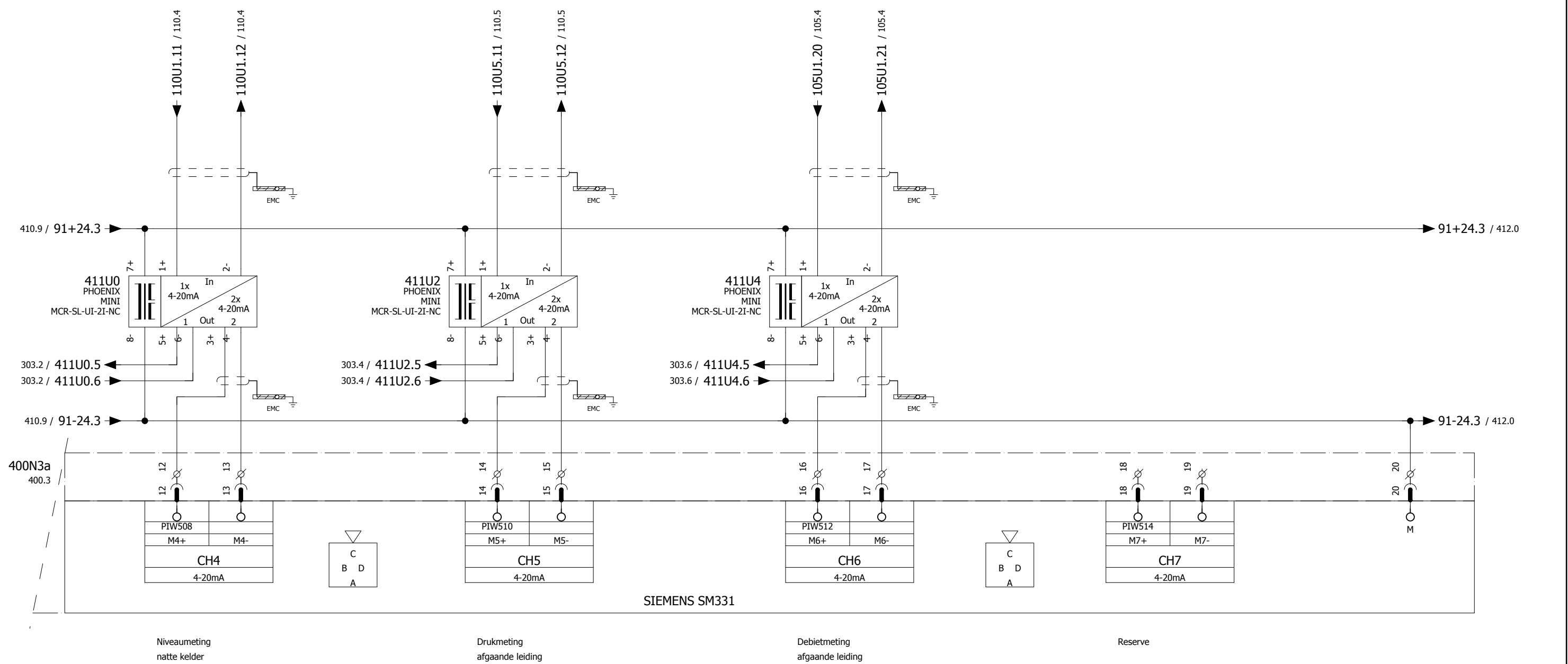




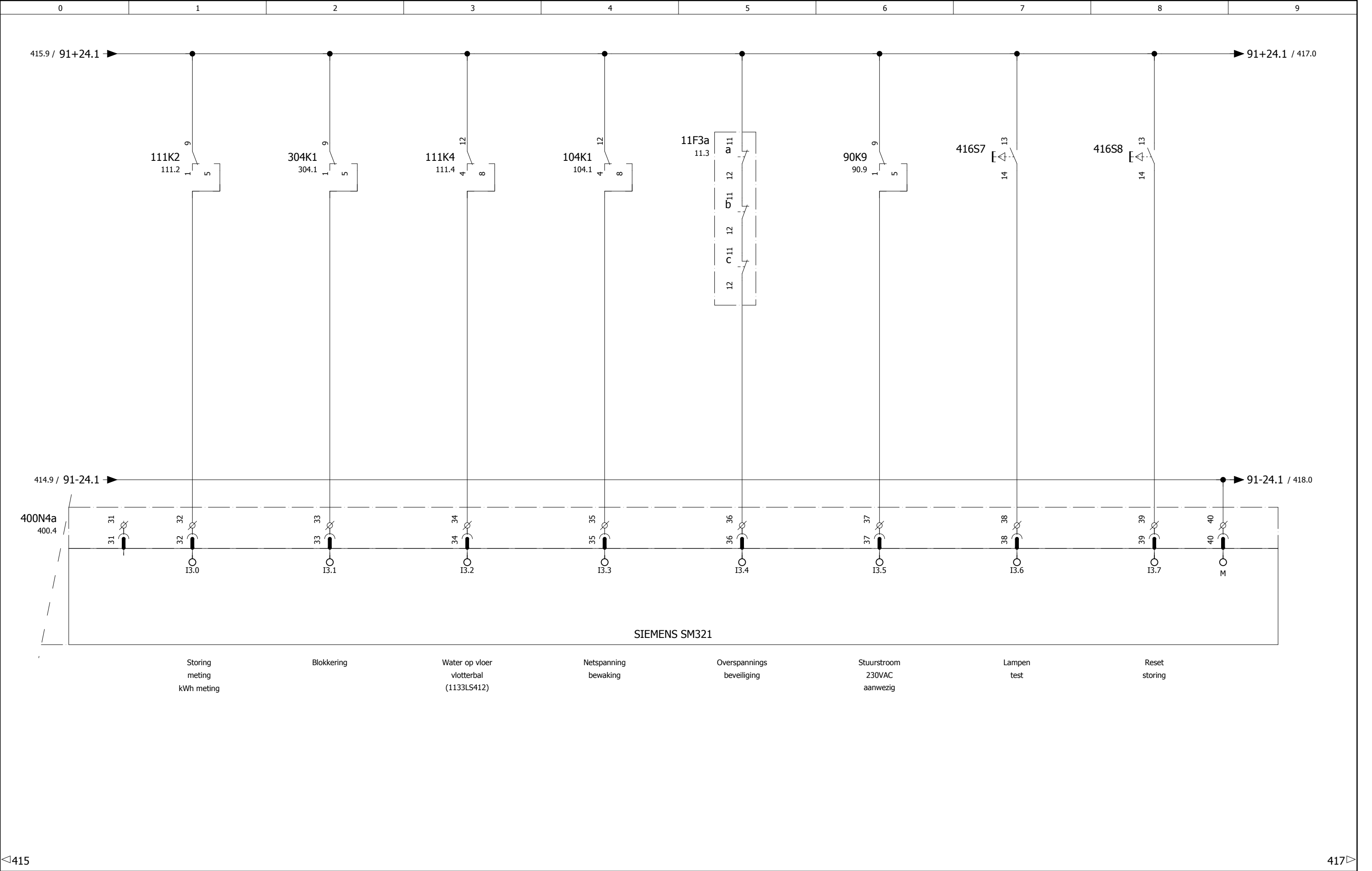


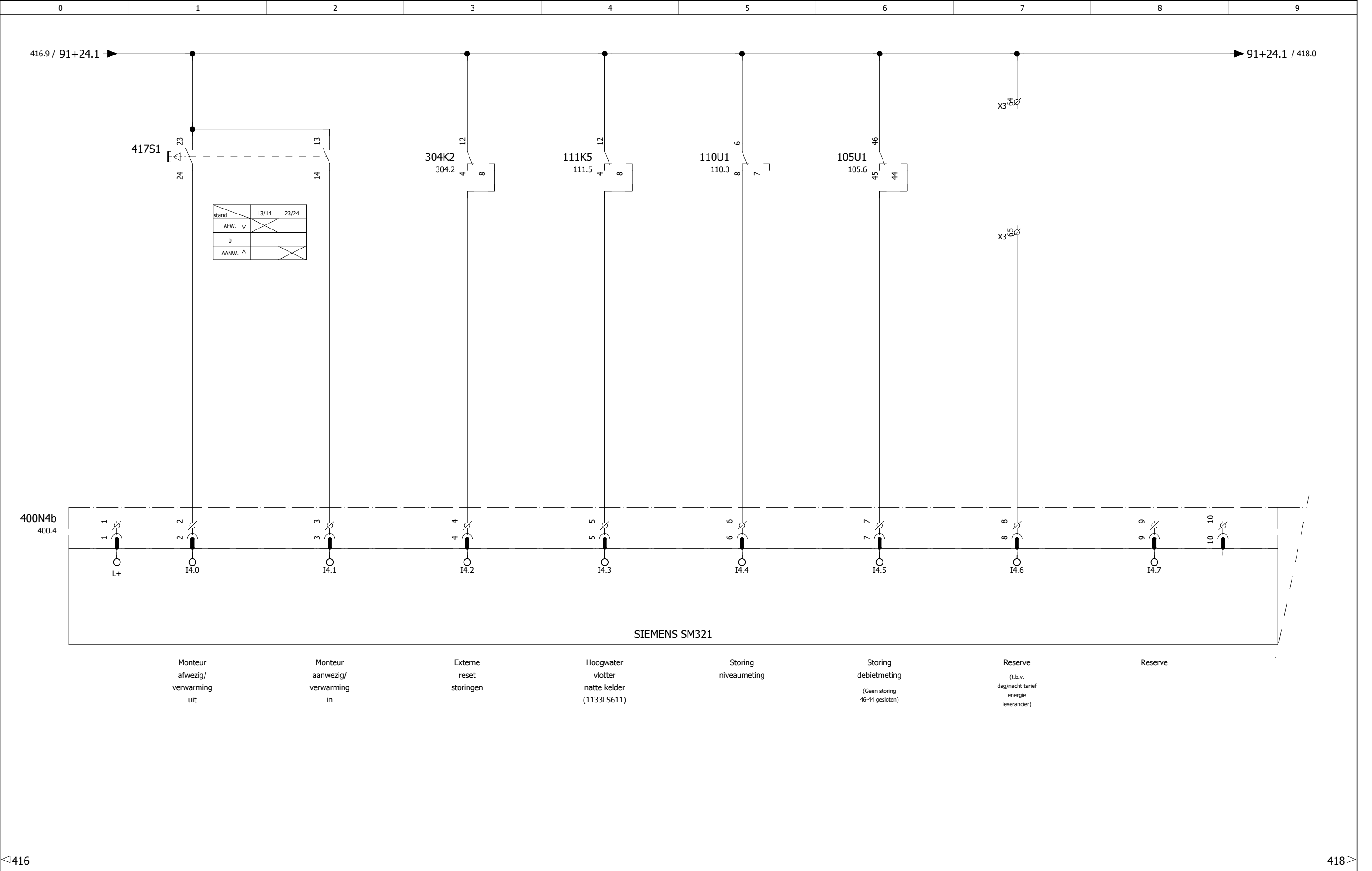


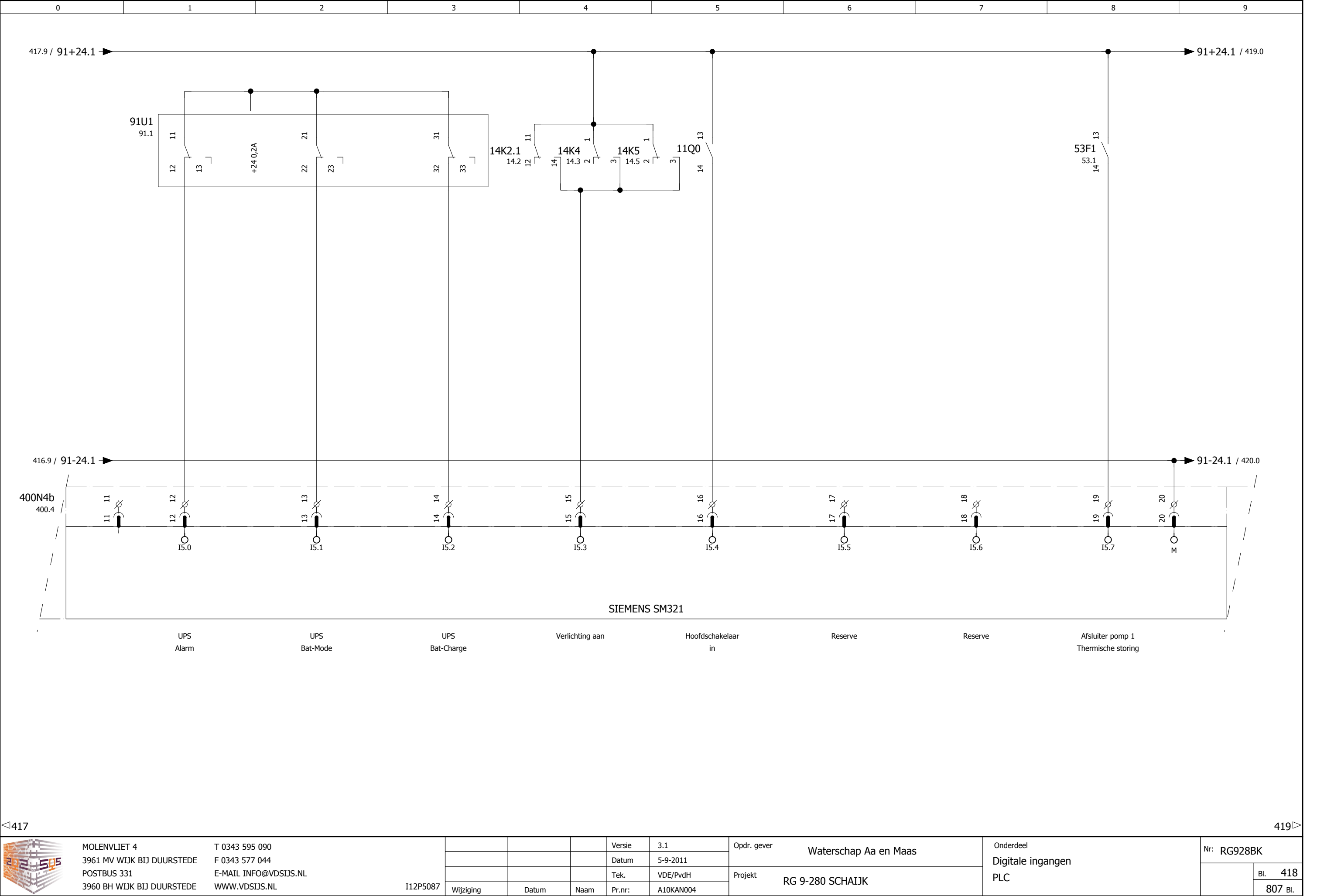


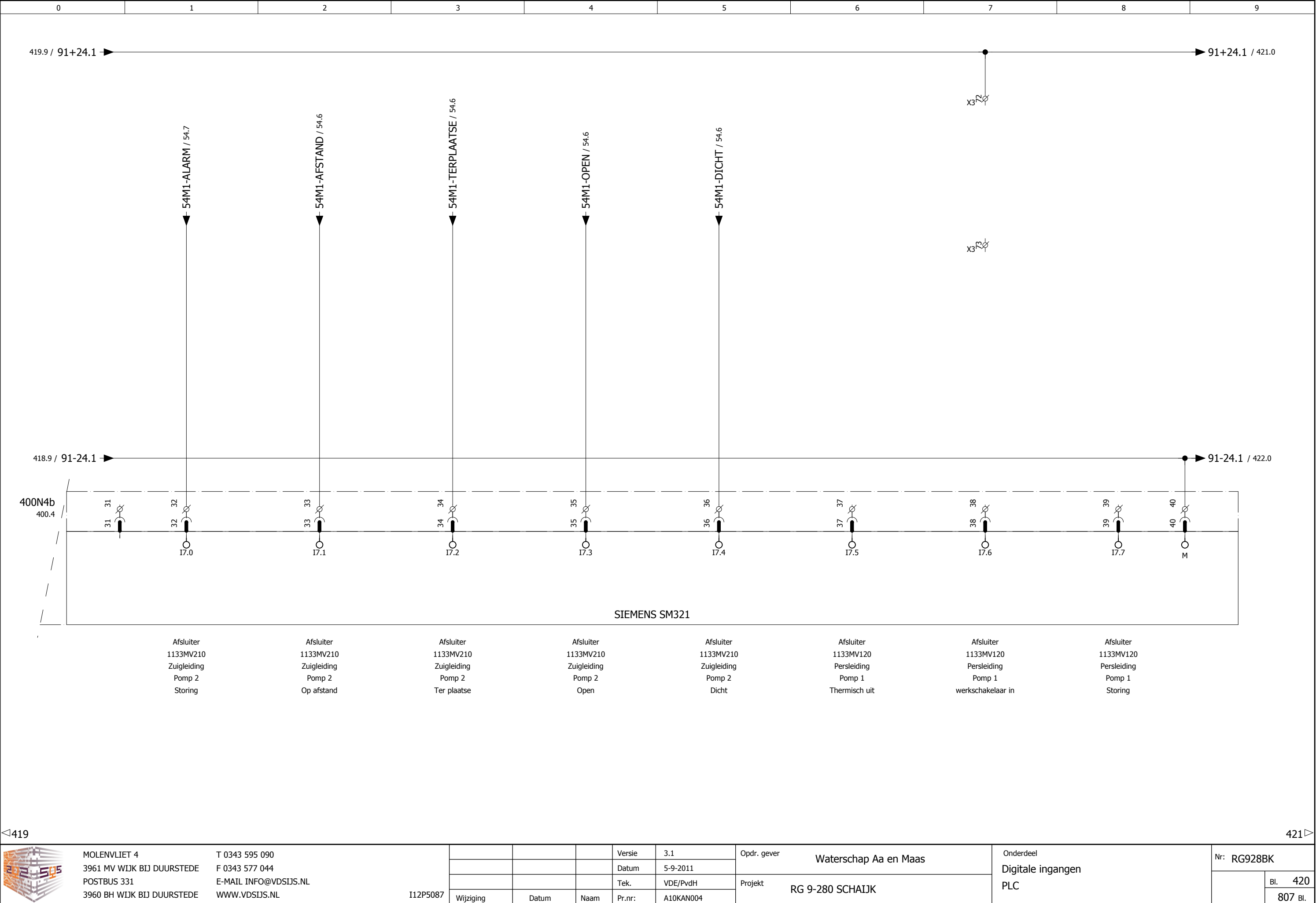


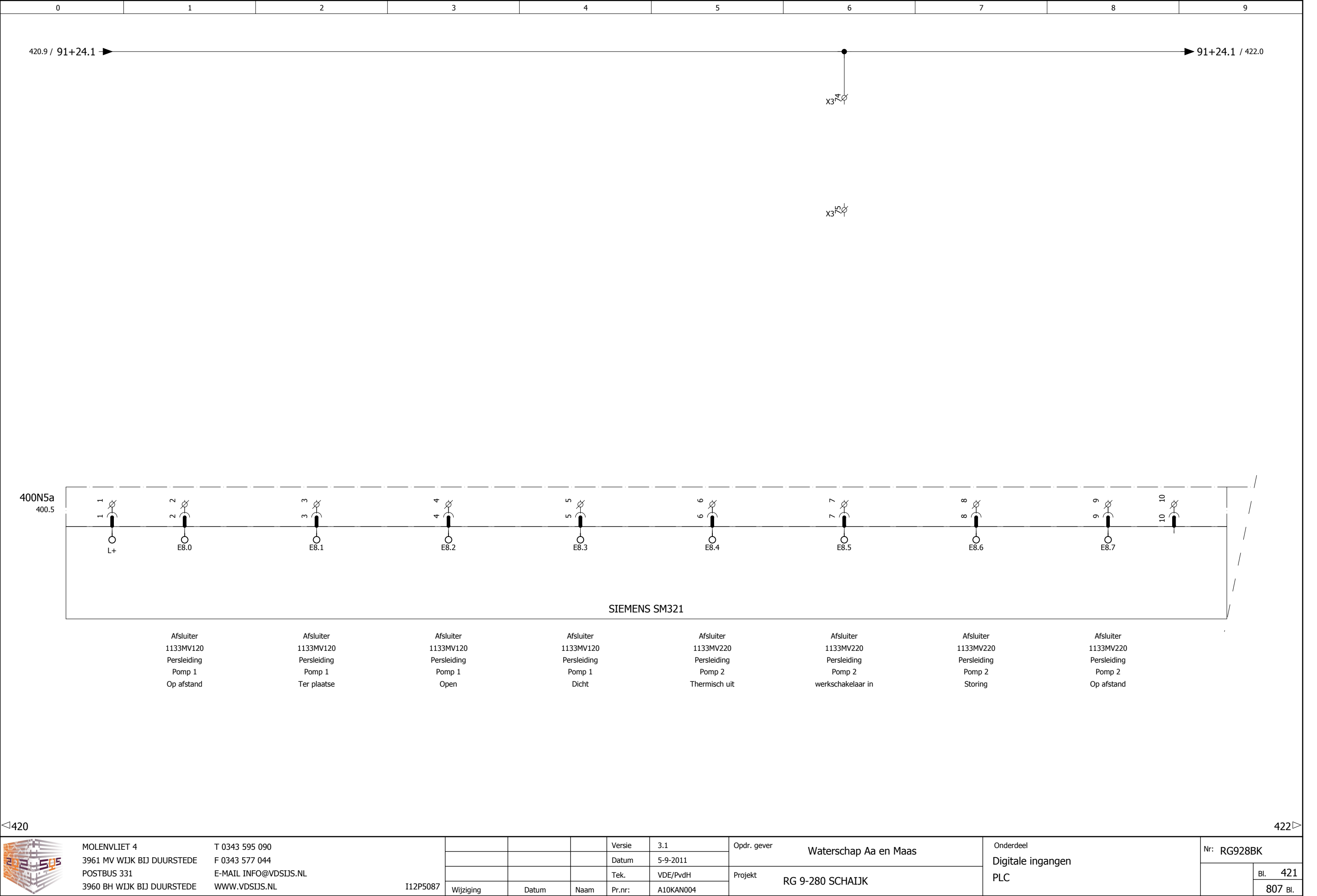






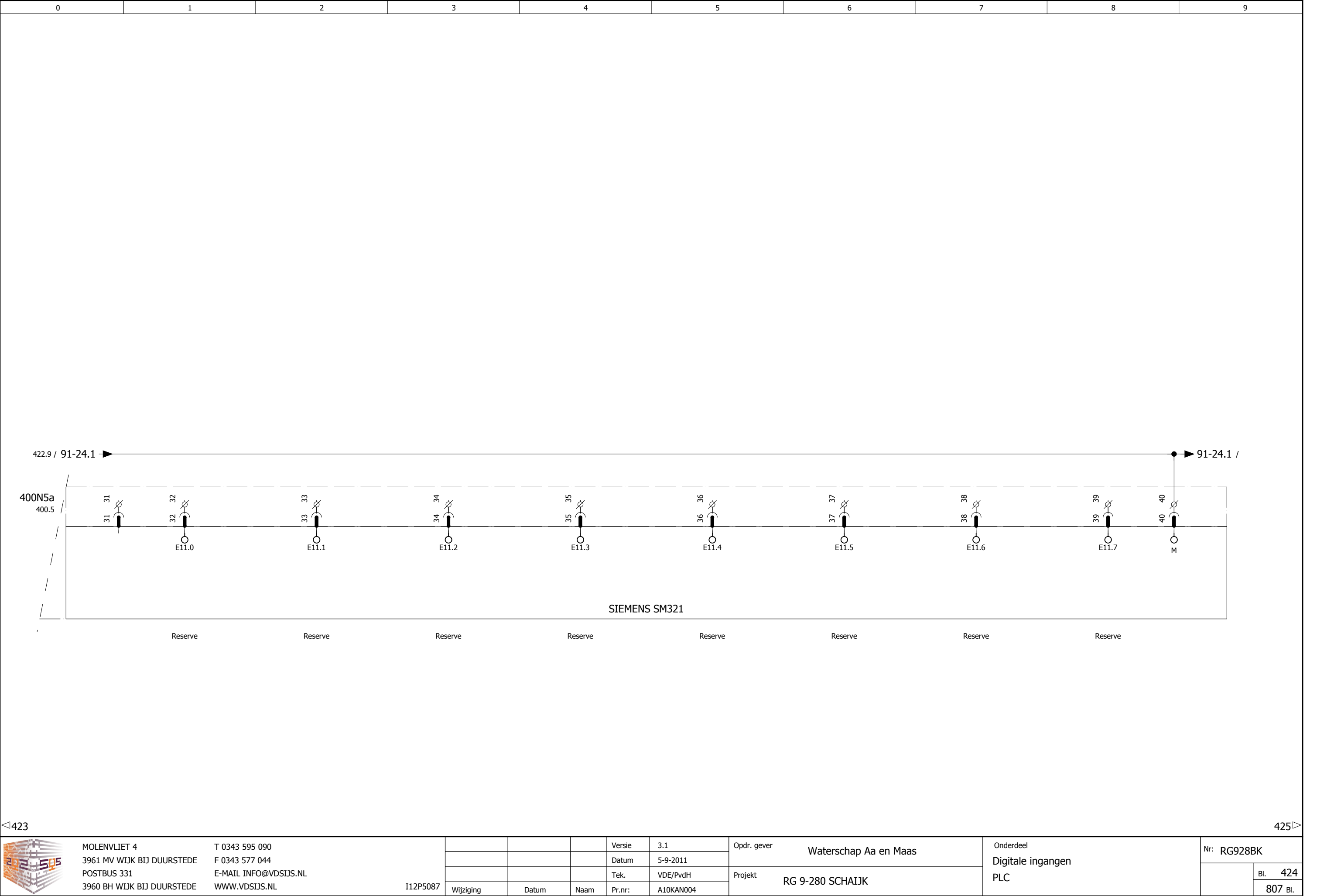












423

425

2

3

5

5

MOLENVLIED 4

3961 MV WIIK BII DUURSTEDD

POSTBUS 331

3960 BH WIIK BII DUURSTEDD

T 0343 595 090

F 0343 577 044

E-MAIL INFO@VDSIJS.NL

WWW.VDSIJS.NL

I12P5087

Wijziging

Datum

Naam

Pr.nr:

A10KAN004

Versie

3.1

Datum

5-9-2011

Tek.

VDE/PvdH

Opdr. gever

Waterschap Aa en Maas

Projekt

RG 9-280 SCHAIJK

Onderdeel

Digitale ingangen

PLC

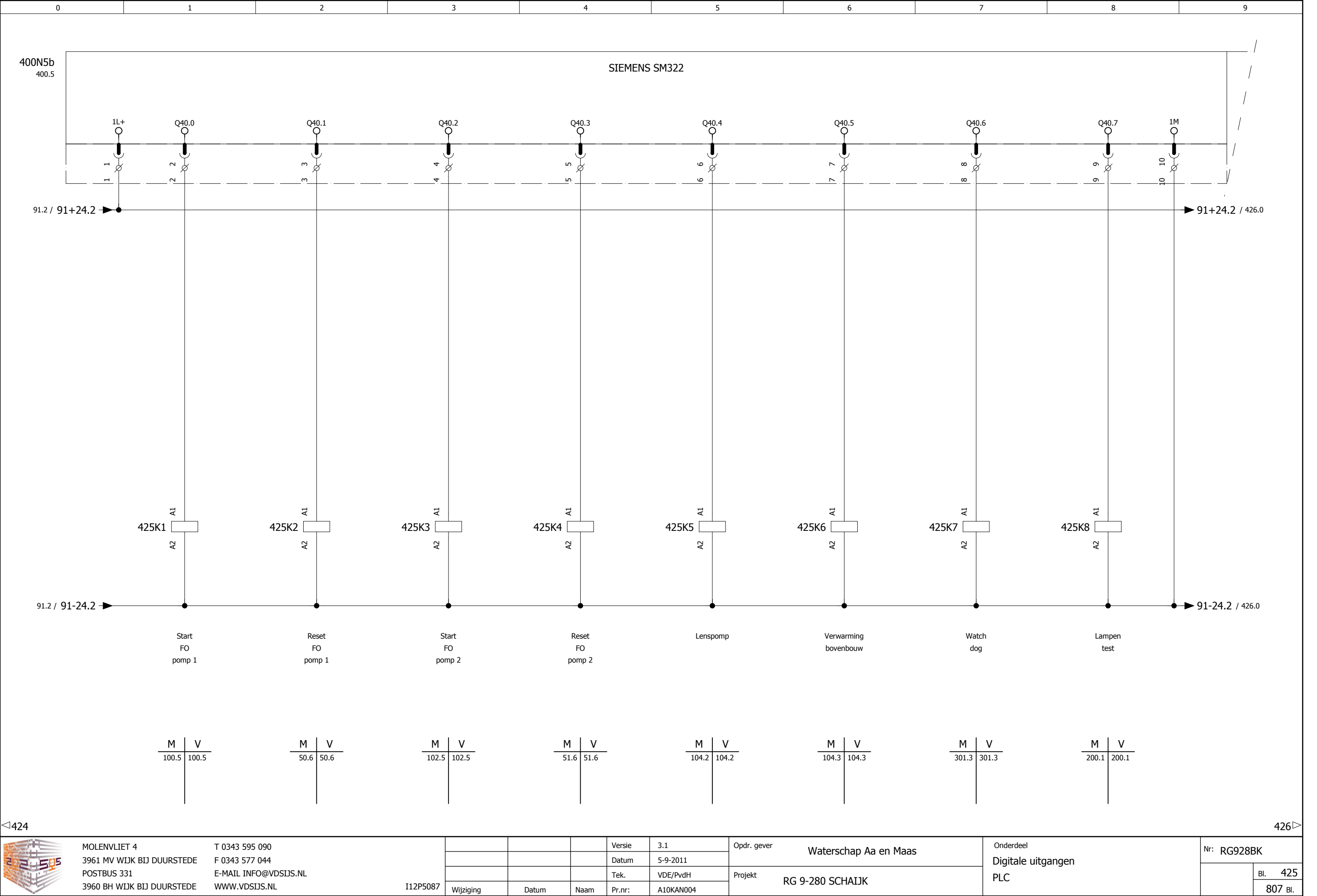
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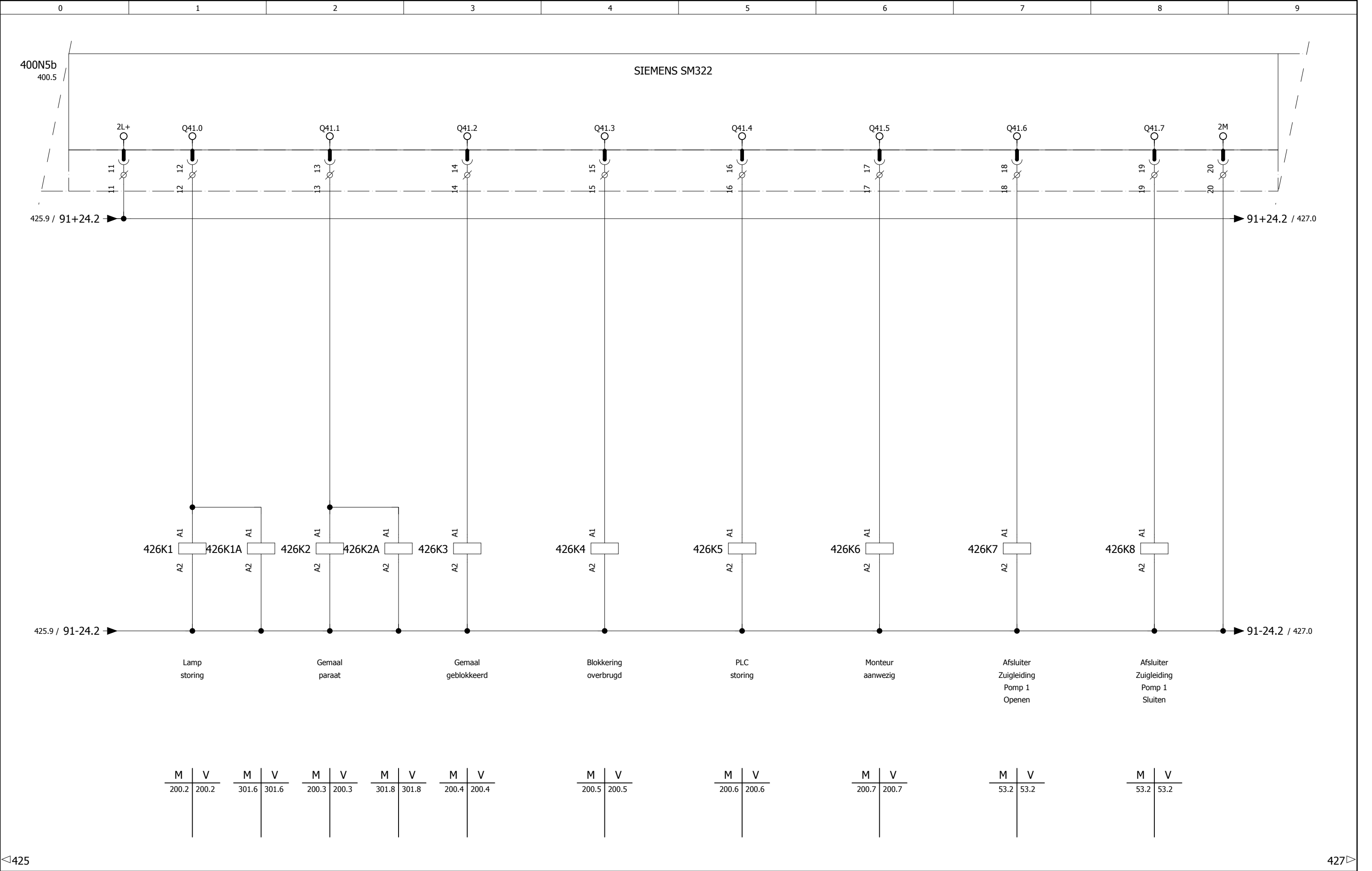
Bl.

424

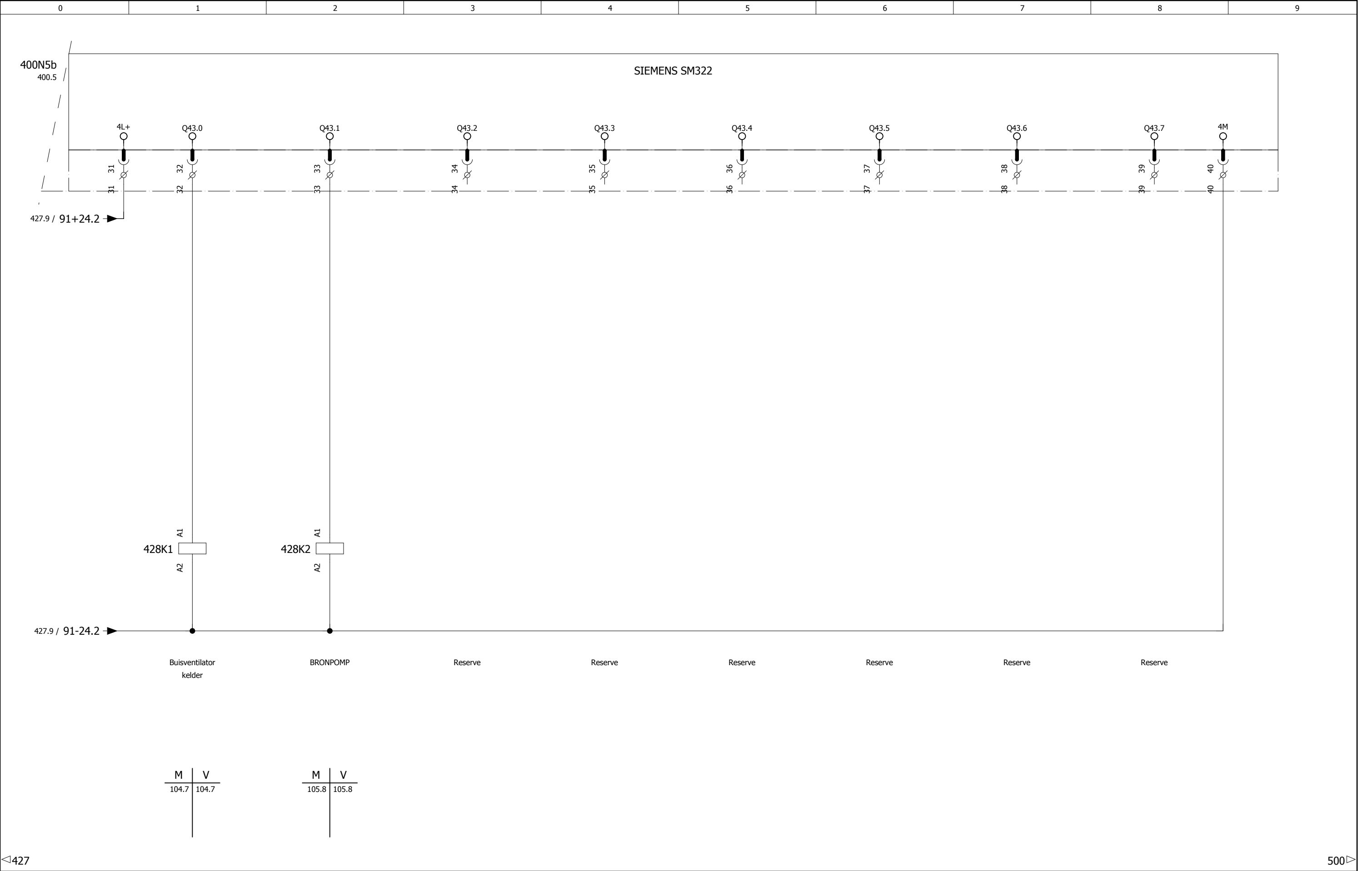
807

Bl.









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						BUIS VENTILATOR																									
						Verwarming																									
W30	KVCC	4x1 mm²																								1					
W8	YMvK	4x2,5 mm²																													
W18	YMvK	4x2,5 mm²																													
W49	YMvK	5x2,5 mm²																													
W10	YMvK	3x2,5 mm²																													
W17	YMvK	5x2,5 mm²																													
W7	YMvK	3x2,5 mm²																													
W6	YMvK	3x2,5 mm²																													
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W3	YMvK	3x2,5 mm²																													
W2	YMvK	5x2,5 mm²																													
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						Funktie / Benaming			AFSLUITER ZUIGLEIDING																							
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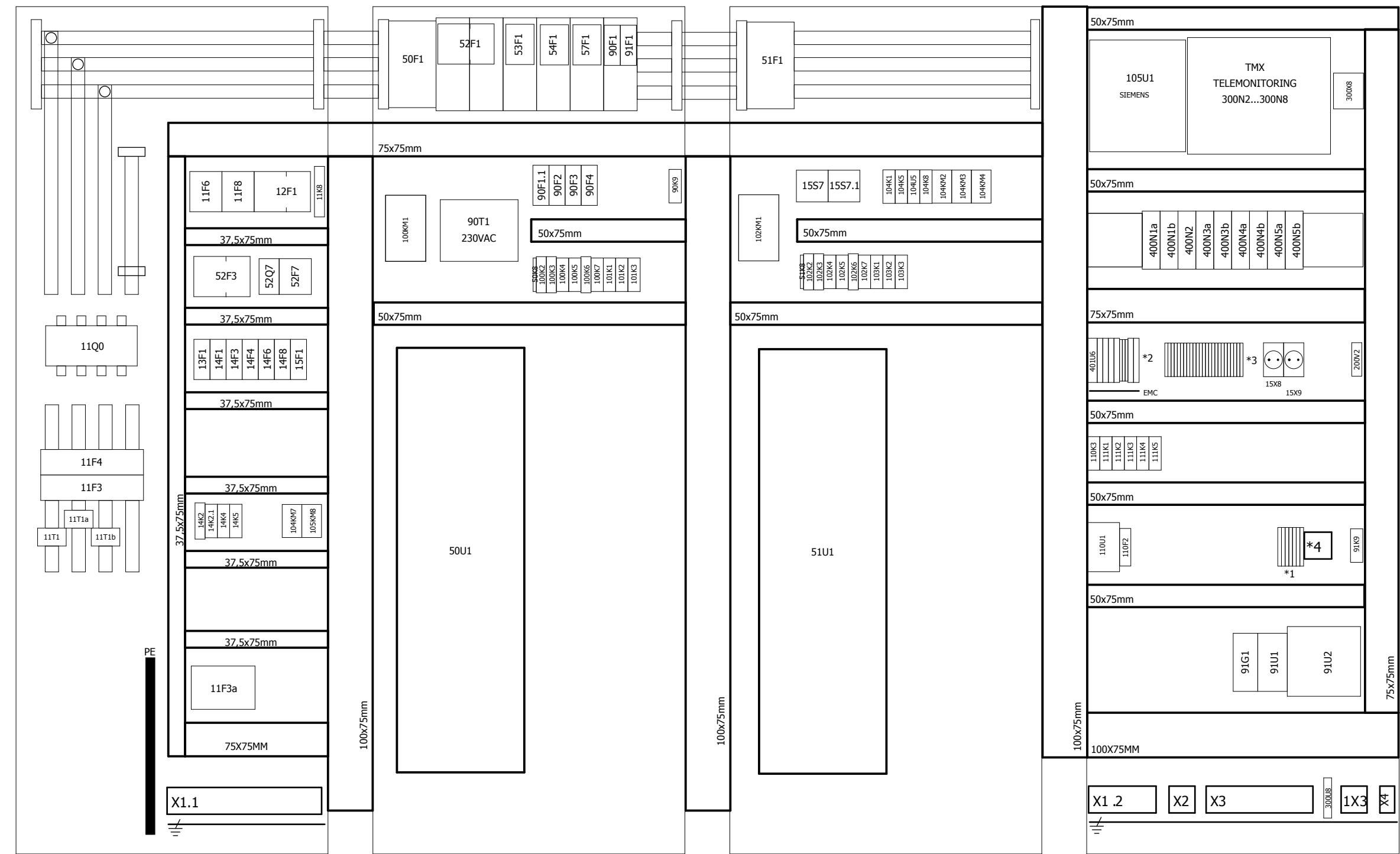
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3960 BH WIJK BIJ DUURSTEDE	WWW.VDSIJS.NL	I12P5087

			Versie	3.1
			Datum	5-9-2011
			Tek.	VDE/PvdH
Wijziging	Datum	Naam	Pr.nr:	A10KAN004

Opdr. gever	Waterschap Aa en Maas
Project	RG 9-280 SCHAIJK

Onderdeel Kastaanzicht	Nr: RG928BK	
		Bl. 601
		807 Bl.

Montageplaat



- *1

91F1.1

91F2

91F3

91F4

91F5

91F6

91F7
- *2

410U0

410U2

410U4

410U6

411U0

411U2

411U4

412U1

412U3
- *3

425K1

425K2

425K3

425K4

425K5

425K6

425K7

425K8

426K1

426K1A

426K2

426K2A

426K3

426K4

426K5

426K6

426K7

426K8

427K1

427K2

427K3

427K4

427K5

427K6

427K7

427K8

428K1

428K2
- *4

Nul tbv

91F1.1

91F2

91F3

91F4

91F5

91F6

91F7

klemmenstrook X3 zijn etageklemmen
ivm. ruimtegebrek.

Het toepassen van een scheidingschot is niet noodzakelijk.

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
110B2	1	PRESSURE SENSOR	VEGABAR 52	VEG	BR52.XXGG1GZKMAS	110.2
110B5	1	PRESSURE SENSOR	VEGABAR 52	VEG	BR52.XXGG1GZKMAS	110.5
15E7	1	PANEL HEATER 230VAC 250W	SK3105.180	RIT	SK3105.180	15.7
15E7.1	1	PANEL HEATER 230VAC 250W	SK3105.180	RIT	SK3105.180	15.7
104E3	1	AMPLIFIER LEVEL CONTROL	S1961 156 230	CAR	S1961 156 230	104.2
104E3	1	SOCKET	S411	CAR	S411	104.2
104E3	1	HOLD DOWN SPRING	HF	CAR	HF	104.2
104E3.1	1	AMPLIFIER LEVEL CONTROL	S1961 156 230	CAR	S1961 156 230	104.3
104E3.1	1	SOCKET	S411	CAR	S411	104.3
104E3.1	1	HOLD DOWN SPRING	HF	CAR	HF	104.3
F26	1	APPARATEN ADAPTER	SV 9340.710	RITTAL	9340710	602.2;602.3
11F3	1	Bus montage zekeringhouder	SV3433.000	RIT	SV3433.000	11.3
11F3	1	Afdekstrook	SV3434.000	RIT	SV3434.000	11.3
11F3	1	Boven en onderplaten	SV3435.000	RIT	SV3435.000	11.3
11F3a	1	FLASHTRAB	FLT-CP-3S-350	PHOENI	28 59 71 2	11.3
11F4	1	Bus montage zekeringhouder	SV3433.000	RIT	SV3433.000	11.4
11F4	1	Afdekstrook	SV3434.000	RIT	SV3434.000	11.4
11F4	1	Boven en onderplaten	SV3435.000	RIT	SV3435.000	11.4
11F6	1	CIRCUIT BREAKER 3P+N 2A C-kar.	24381	M&G	24381	11.6
11F8	1	CIRCUIT BREAKER 3P+N 2A C-kar.	24381	M&G	24381	11.8
12F1	1	CIRCUIT BREAKER 3P+N 25A C-kar.	C60N 3POLIG + NUL 25A-C	M&G	24390	12.1
12F1	1	AARDLEKBLOK VIGI C60 4P-<25A-30MA DIRECT	SE 30MA VIGI C60 4P	M&G	26693	12.1
13F1	1	EARTH LEAKAGE PROTECTION 1P+N 16A-C/0.03A	19534	M&G		13.1
14F1	1	EARTH LEAKAGE PROTECTION 1P+N 16A-C/0.03A	19534	M&G		14.1
14F3	1	EARTH LEAKAGE PROTECTION 1P+N 16A-C/0.03A	19534	M&G		14.3
14F4	1	EARTH LEAKAGE PROTECTION 1P+N 16A-C/0.03A	19534	M&G		14.4
14F6	1	AARDLEKAUTOMAAT	19764	MERGER	322560	14.6
14F8	1	AARDLEKAUTOMAAT	19764	MERGER	322560	14.8
15F1	1	EARTH LEAKAGE PROTECTION 1P+N 16A-C/0.03A	19534	M&G		15.1
50F1	1	NH BUS-MOUNTING ON-LOAD ISOLATOR SIZE 00 3-POLE	SV9343.020	RIT	SV9343.020	50.1
50F1	1	MESPATROON	NH 00 C KTF 100A 8133010011	WEBER	1586049	50.1
51F1	1	NH BUS-MOUNTING ON-LOAD ISOLATOR SIZE 00 3-POLE	SV9343.020	RIT	SV9343.020	51.1
51F1	1	MESPATROON	NH 00 C KTF 100A 8133010011	WEBER	1586049	51.1
52F1	1	CIRCUIT BREAKER 3P 6A C-kar.	24281	M&G		52.1
52F1	1	AARDLEKBLOK VIGI C60 3P-<25A-30MA DIRECT	SE 30MA VIGI C60 3P	M&G	26686	52.1
52F3	1	CIRCUIT BREAKER 3P+N 10A C-kar.	C60N 3POLIG + NUL 10A-C	M&G	24386	52.3
52F3	1	AARDLEKBLOK VIGI C60 4P-<25A-300MA DIRECT	SE 300MA VIGI C60 4P	M&G	26695	52.3
52F5	1	INSTALLATIEAUTOMAAT	24388	MERGER	0273326	52.5
52F5	1	AARDLEKELEMENT	26695	MERGER	0322727	52.5
52F7	1	AARDLEKSCHAKELAAR	23380	MERGER	23380	52.7

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
53F1	1	CIRCUIT BREAKER 3P 6A C-kar.	24281	M&G		53.1
53F1	1	OF AUX CONTACT 1xSPDT	26924	M&G		53.1
54F1	1	CIRCUIT BREAKER 3P 6A C-kar.	24281	M&G		54.1
54F1	1	OF AUX CONTACT 1xSPDT	26924	M&G		54.1
57F1	1	CIRCUIT BREAKER 3P 6A C-kar.	24281	M&G		57.1
57F1	1	OF AUX CONTACT 1xSPDT	26924	M&G		57.1
90F1	1	Circuit breaker 2P 10A D-kar.	24586	M&G		90.1
90F1.1	1	CIRCUIT BREAKER 1POL+ NUL 1A C-CAR	24249	M&G	24249	90.1
90F1.1	1	OF AUX CONTACT 1xSPDT	26924	M&G		90.1
90F2	1	CIRCUIT BREAKER 1POL+ NUL 1A C-CAR	24249	M&G	24249	90.2
90F2	1	OF AUX CONTACT 1xSPDT	26924	M&G		90.2
90F3	1	CIRCUIT BREAKER 1POL+ NUL 1A C-CAR	24249	M&G	24249	90.3
90F3	1	OF AUX CONTACT 1xSPDT	26924	M&G		90.3
90F4	1	CIRCUIT BREAKER 1POL+ NUL 1A C-CAR	24249	M&G	24249	90.4
90F4	1	OF AUX CONTACT 1xSPDT	26924	M&G		90.4
91F1	1	CIRCUIT BREAKER 1POL+ NUL 10A C-CAR	24254	M&G	MERLIN GERIN	91.1
91F1.1	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.1
91F1.1	7	TERMINAL 4mm² BEIGE CAGE CLAMP	ST 4	PHOENI	30 31 36 4	91.1
91F1.1	1	ENDPLATE FOR ST 4	D-ST 4	PHOENI	30 30 42 0	91.1
91F2	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.2
91F3	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.3
91F4	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.4
91F5	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.5
91F6	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.6
91F7	1	FUSE TERMINAL WITH LED 12-30V AC/DC	UK 5-HESILED 24	PHOENI	30 04 12 6	91.7
104F6	1	FUSE TERMINAL WITH LIGHT 110-250V AC/DC	UK 5-HESILA 250	PHOENI	30 04 14 2	104.5
91G1	1	POWER SUPPLY	QUINT-PS-100-240AC/24DC/5	PHOENI	2938581	91.1
15H1	1	Standaard verlichting met deurschakelaar	SZ4138.150	RIT	SZ4138.150	15.1
15H1	1	CON. CABLE POWER SUPPLY 3000mm	PS4315.110	RIT	PS4315.110	15.1
15H2	1	Standaard verlichting met deurschakelaar	SZ4138.150	RIT	SZ4138.150	15.2
15H2	1	CON. CABLE THROUGH WIRING 600mm	PS4315.410	RIT	PS4315.410	15.2
15H3	1	Standaard verlichting met deurschakelaar	SZ4138.190	RIT	SZ4138.190	15.3
15H3	1	CON. CABLE THROUGH WIRING 600mm	PS4315.410	RIT	PS4315.410	15.3
200H2	1	Signaallamp rood	704.002.2	EAO	704.002.2	200.2
200H2	1	LED 24VDC ROOD	010.2513.1142	EAO	010.2513.1142	200.2
200H3	1	SIGN ARM TRANSPARANT SERIE-04	704.002.7	EAO	704.002.7	200.3
200H3	1	LED 24VDC TRANSPARANT	010.2513.1149	EAO	010.2513.1149	200.3
200H4	1	SIGN ARM BLAUW SERIE-04	704.002.6	EAO	704.002.6	200.4
200H4	1	LED 24VDC BLAUW	010.2513.1146	EAO	010.2513.1146	200.4
200H5	1	SIGN ARM BLAUW SERIE-04	704.002.6	EAO	704.002.6	200.5

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
200H5	1	LED 24VDC BLAUW	010.2513.1146	EAO	010.2513.1146	200.5
200H6	1	Signaallamp rood	704.002.2	EAO	704.002.2	200.6
200H6	1	LED 24VDC ROOD	010.2513.1142	EAO	010.2513.1142	200.6
200H7	1	SIGN ARM TRANSPARANT SERIE-04	704.002.7	EAO	704.002.7	200.7
200H7	1	LED 24VDC TRANSPARANT	010.2513.1149	EAO	010.2513.1149	200.7
11K8	1	PHASE MONITORING RELAY	EMD-SL-PH-400	PHOENI	2866077	11.8
14K2	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	14.2
14K2.1	1	Hulprelais	MY2IN 230VAC	OMR	MY2IN 230VAC	14.2
14K2.1	1	Aansluitvoet	PYF-08A-N	OMR	PYF-08A-N	14.2
14K4	1	Stroom meetrelais	AR12DX-230V	EL	AR12DX-230V	14.3
14K5	1	Stroom meetrelais	AR12DX-230V	EL	AR12DX-230V	14.5
50K8	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	50.8
51K8	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	51.8
90K9	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	90.9
90K9	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	90.9
91K9	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	91.9
91K9	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	91.9
100K2	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	100.2
100K3	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	100.3
100K4	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	100.4
100K4	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	100.4
100K5	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	100.5
100K5	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	100.5
100K6	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	100.6
100K7	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	100.7
100K7	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	100.7
101K1	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	101.1
101K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	101.1
101K2	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	101.2
101K2	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	101.2
101K3	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	101.3
101K3	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	101.3
102K2	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	102.2
102K3	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	102.3
102K4	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	102.4
102K4	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	102.4
102K5	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	102.5
102K5	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	102.5
102K6	1	TIMER RELAY 0.1SEC-300H 24-240V AC/DC	NGM1004	WIE	327000316	102.6
102K7	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	102.7

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
102K7	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	102.7
103K1	1	AUXILIARY RELAY 230VAC 4 POLE	M4-L-A230	SMIT	321.000.459	103.1
103K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	103.1
103K2	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	103.2
103K2	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	103.2
103K3	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	103.3
103K3	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	103.3
104K1	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	104.1
104K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	104.1
104K5	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	104.5
104K5	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	104.5
104K8	1	AUXILIARY RELAY 230VAC 2 POLE	M2-L-A230	SMIT	321.000.359	104.8
104K8	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	104.8
110K3	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	110.3
110K3	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	110.3
111K1	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	111.1
111K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	111.1
111K2	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	111.2
111K2	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	111.2
111K3	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	111.3
111K3	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	111.3
111K4	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	111.4
111K4	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	111.4
111K5	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	111.5
111K5	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	111.5
304K1	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	304.1
304K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	304.1
304K2	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	304.2
304K2	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	304.2
425K1	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.1
425K2	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.2
425K3	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.3
425K4	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.4
425K5	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.5
425K6	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.6
425K7	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.7
425K8	1	PLC INTERFACE CONTACTOR	PLC-RSC-24DC/21	PHOENI	29 66 17 1	425.8
426K1	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	426.1
426K1	1	RELAY CONNECTION BLOCK 14 pens	VM-4T	SMIT	321.000.506	426.1
426K1A	1	AUXILIARY RELAY 24VDC 2 POLE	M2-L-D024	SMIT	321.000.352	426.1

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
300N2	1	LOCATION MONITOR	TMX LM-8N	KUI	100202	300.2
300N3	1	ACCUPACK	BLI-2	KUI	100571	300.3
300N7	1	COMMUNICATION MODULE	SER-2N	KUI		300.7
400N1a	1	EM PCI-104 EXTENSION MODULE	6ES7 677-1DD40-1AA0	SIEMEN	6ES7 677-1DD40-1AA0	400.0
400N1a	1	COMMUNICATION PROCESSOR CP5603	6GK1560-3AE00	SIEMEN	6GK1560-3AE00	400.0
400N1a	1	S7-300 530MM MOUNTING PROFILE	S7-300 830MM PROFILE	SIEMEN	6ES7 390-1AJ30-0AA0	400.0
400N2a	1	SIMATIC S7-MODULAR EMBEDDED CONTROLLER	6ES7 677-1DD00-0BG0	SIEMEN	6ES7 677-1DD00-0BG0	400.1
400N2b	1	COMMUNICATION PROCESSOR CP340	6ES7 340-1AH02-0AE0	SIEMEN	6ES7 340-1AH02-0AE0	400.2
400N3a	1	8 ANALOG INPUT CARD	SM331 8AN-INPUT	SIEMEN	6ES7 331-7KF02-0AB0	400.3
400N3a	1	20 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 20P	SIEMEN	6ES7 392-1BJ00-0AA0	400.3
400N3b	1	4 ANALOG OUTPUT CARD	SM332 4AN-OUTPUT	SIEMEN	6ES7 332-5HD01-0AB0	400.3
400N3b	1	20 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 20P	SIEMEN	6ES7 392-1BJ00-0AA0	400.3
400N4a	1	32 DIGITAL INPUT CARD 24VDC	SM321 32INPUT	SIEMEN	6ES7 321-1BL00-0AA0	400.4
400N4a	1	40 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 40P	SIEMEN	6ES7 392-1BM01-0AA0	400.4
400N4b	1	32 DIGITAL INPUT CARD 24VDC	SM321 32INPUT	SIEMEN	6ES7 321-1BL00-0AA0	400.4
400N4b	1	40 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 40P	SIEMEN	6ES7 392-1BM01-0AA0	400.4
400N5a	1	32 DIGITAL INPUT CARD 24VDC	SM321 32INPUT	SIEMEN	6ES7 321-1BL00-0AA0	400.5
400N5a	1	40 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 40P	SIEMEN	6ES7 392-1BM01-0AA0	400.5
400N5b	1	32 DIGITAL OUTPUT CARD 24VDC, 0,5A	SM322 32OUTPUT	SIEMEN	6ES7 322-1BL00-0AA0	400.5
400N5b	1	40 POLES CONNECTOR CAGE CLAMP	392 CONNECTOR 40P	SIEMEN	6ES7 392-1BM01-0AA0	400.5
11P5	1	POWER MONITOR	SINEAX A220	CAM	152 546	11.5
11P5	1	PROFIBUS-DP INTERFACE	EMMOD 204	CAM	158 510	11.5
400P6	1	Thin client 15" Touch	6AV6 646-0AB21-2AX0	SIEMEN	6ES7 677-1DD40-1AA0	400.5
11Q0	1	LASTSCHEIDER	DMV250N/4 1814.410	HOLEC	2295 988	11.0
11Q0	1	BEDIENINGSAS	1314.371	HOLEC	636050	11.0
11Q0	1	SCHAKELKNOP	1818.033	HOLEC	2389 542	11.0
52Q1	1	MOTORBEVEILIGINGSSCHAKELAAR	GV2-ME07	TELEME	7050719	602.1
52Q7	1	MOTORBEVEILIGINGSSCHAKELAAR	GV2-ME07	TELEME	7050719	52.7
52Q7	1	HULPKONTAKTEN	GV-AE11	TELEME	2565030	52.7
52Q8	1	MOTORBEVEILIGINGSSCHAKELAAR	GV2-ME07	TELEME	7050719	52.8
52Q8	1	HULPKONTAKTEN	GV-AE11	TELEME	2565030	52.8
50R3	1	Potentiometer	M22-R10K	MOE	229491	50.3
51R3	1	Potentiometer	M22-R10K	MOE	229491	51.3
RAIL1	2	Railsteun met externe bevestiging	SV9340.010	RIT	SV9340.010	10.1
RAIL1	2	Eindafdekstrook	SV9340.070	RIT	SV9340.070	10.1
RAIL1	1	Aansluitadapters	SV9342.270	RIT	SV9342.270	10.1
RAIL1	1	SV AANSL.ADAPTER BOVENAANSL.	9342.260	RIT		10.1
RAIL2	2	Railsteun met externe bevestiging	SV9340.010	RIT	SV9340.010	10.1
RAIL2	2	Eindafdekstrook	SV9340.070	RIT	SV9340.070	10.1
RAIL2	1	Aansluitadapters	SV9342.270	RIT	SV9342.270	10.1

Materiaallijst

Code	Aantal	Omschrijving	Type	Fabrikant	Bestelnummer	Pag./pad
RAIL2	1	Aansluitadapter	SV9342.200	RIT	SV9342.200	10.1
15S6	1	Thermostaat	SK3110.000	RIT	SK3110.000	15.6
15S7	1	Hygrostaat	SK3118.000	RIT	SK3118.000	15.7
15S7.1	1	Thermostaat	SK3110.000	RIT	SK3110.000	15.7
100S1	1	WERKSCHAKELAAR OPBOUW	CA11-NLAQ28PF S1V840G/A71C1	KRAUSN		100.1
100S3	1	Omschakelaar zonder 0-positie	CH10 A222 FT2	K&N	CH10 A222 FT2	100.3
102S1	1	SWITCH 1-2 (2POLE)	CH10 A721 FT2 C1 V840G/A72+F070	K&N	CH10 A721 FT2 C1 V840G/A72+F070	102.1
102S3	1	Omschakelaar zonder 0-positie	CH10 A222 FT2	K&N	CH10 A222 FT2	102.3
104S8	1	Hygrostaat	SK3118.000	RIT	SK3118.000	104.8
416S7	1	DRUKKN. SERIE-04 29MM ZWART	704.010.0	EAO	704.010.0	416.7
416S7	1	Contact element 1 maak	704.900.1	EAO	704.900.1	416.7
416S8	1	Drukknop blauw	704.010.6	EAO	704.010.6	416.8
416S8	1	Contact element 1 maak	704.900.1	EAO	704.900.1	416.8
417S1	1	SWITCH 1->0<-2 SERIE-04 29MM	704.404.0	EAO	704.404.0	417.1
417S1	1	CONTACTBLOK 2M SERIE-04	704.900.3	EAO	704.900.3	417.1
11T1	1	STROOMTRANSFORMATOR	RM60N-E3A 250/5A 4M2406N	FAGET	2153963	11.1
11T1a	1	STROOMTRANSFORMATOR	RM60N-E3A 250/5A 4M2406N	FAGET	2153963	11.1
11T1b	1	STROOMTRANSFORMATOR	RM60N-E3A 250/5A 4M2406N	FAGET	2153963	11.1
90T1	1	TRANSFORMER 1x200-550VAC//115-230VAC 1000VA	URST 1000 (200-550V/115-230V)	RIEDEL	URST 1000 (200-550V/115-230V)	90.1
50U1	1	FREQUENTIEOMVORMER	FDU2.0 48-109-54CE	EMOTRON		50.1
50U1	1	MONTAGEHOUDER BEDIENPANEEL	01-3957-01	EMO	01-3957-01	50.1
51U1	1	FREQUENTIE OMVORMER	FDU48-175-54CE---AVPNNPAPG	EMO	FDU48-175-54CE---AVPNNPAPG	51.1
51U1	1	MONTAGEHOUDER BEDIENPANEEL	01-3957-01	EMO	01-3957-01	51.1
91U1	1	UPS DC	QUINT-DC-UPS/24DC/20	PHOENI	2866239	91.1
91U2	1	ACCUMODULE 7,5AH	QUINT-BAT/24DC/7,2AH	PHOENI	2866359	91.2
104U5	1	AMPLIFIER LEVEL CONTROL	S1961 156 230	CAR	S1961 156 230	104.5
104U5	1	SOCKET	S411	CAR	S411	104.5
104U5	1	HOLD DOWN SPRING	HF	CAR	HF	104.5
110U1	1	LEVEL AMPLIFIER	VEGAMET 624	VEG	VEGAMET 624	110.1
300U8	1	DATA-PLUGTRAB	PT 2-TELE	PHOENI	1882828	300.8
401U6	1	RS-232 INTERFACE ISOLATOR	PSM-ME-RS232/RS232-P	PHOENI	2744461	401.6
410U0	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	410.0
410U2	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	410.2
410U4	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	410.4
410U6	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	410.6
411U0	1	SIGNAL DUPLICATOR	MINI MCR-SL-UI-2I-NC	PHOENI	28 64 17 6	411.0
411U2	1	SIGNAL DUPLICATOR	MINI MCR-SL-UI-2I-NC	PHOENI	28 64 17 6	411.2
411U4	1	SIGNAL DUPLICATOR	MINI MCR-SL-UI-2I-NC	PHOENI	28 64 17 6	411.4
412U1	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	412.1
412U3	1	ISOLATING AMPLIFIER	MCR-C-I-I-00-DC	PHOENI	28 14 50 8	412.3

