0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



#### Könst Elektrotechniek BV

Reigersbos 1 2461 TV Ter Aar Tel.: 0172 539536 Fax.: 0172 539742

@mail: info@konst-elektrotechniek.nl





Client : Wageningen UR

Projectname : ACRRES
Drawingnumber : 0590080
Ordernumber : 059.9200

User : Wageningen UR

Runderweg 6

8219 PK Lelystad

Contactperson : De heer J.P. van Brugge

Make

Type

Location : Remarks :

**Environmental aspects:** 

Stand

Regulations : Nen 1010 / NEN-EN 60204-1

IP-rating : IP54

Startdate : 10-5-2017

Projectmanager : M. van Harten

Last change : 29-5-2017

Last changer : MvH

Enclosure : Rittal

Mains : 3x 400Vac +PEN
Supply : 250Amp traag

kA rating : 15kA

Pilotcurrent : 230Vac / 24Vdc

405

56

Year of manufraction : 2017

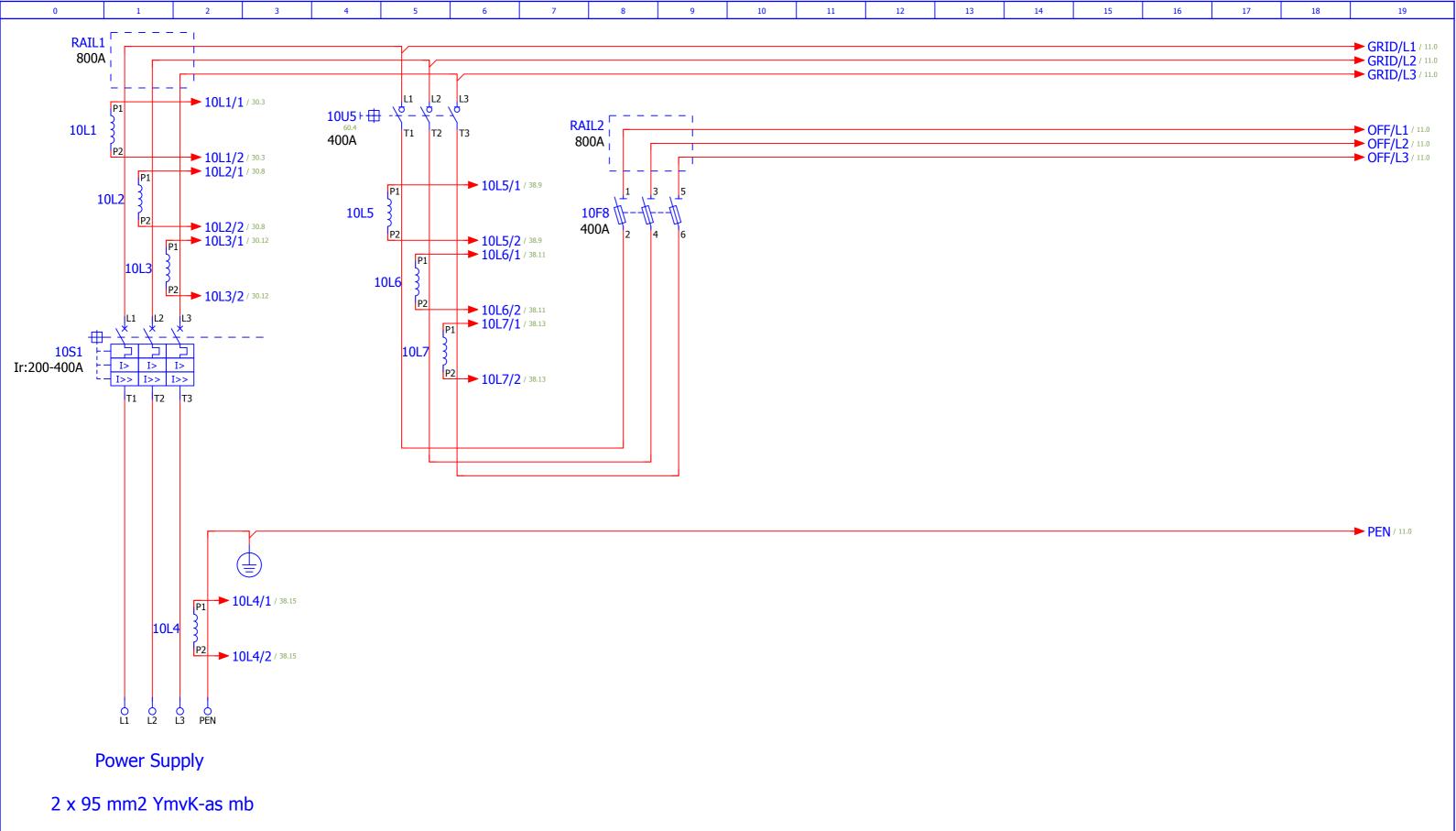
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Total pages

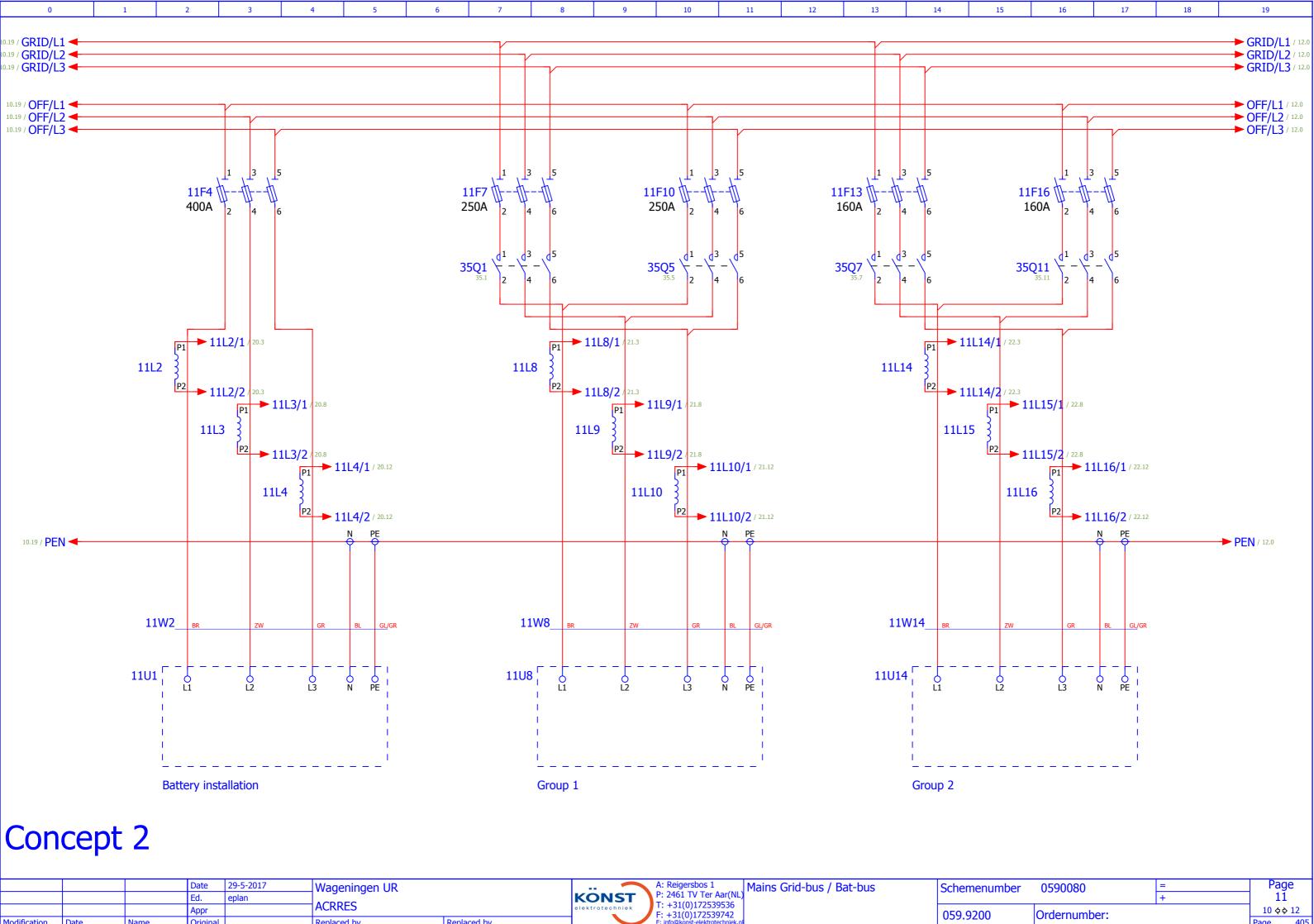
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Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.nl	ոլ	039.9200	Ordernamber:		Page 405

Table of contents Page description Edited by Page Date Assignment Frontpage 29-5-2017 MvH Table of contents: 1 - 38 29-5-2017 MvH Table of contents: 40 - 405 29-5-2017 MvH2.1 Mains Grid-bus / Bat-bus 29-5-2017 MvH 10 Mains Grid-bus / Bat-bus 11 29-5-2017 MvH 12 Mains Grid-bus / Bat-bus 29-5-2017 MvHMains Grid-bus / Bat-bus 22-5-2017 MvH13 Mains Grid-bus / Bat-bus 22-5-2017 MvH14 Mains 15 22-5-2017 MvH20 Mains measurement 22-5-2017 MvH22-5-2017 MvH21 Mains measurement 22 22-5-2017 MvHMains measurement 23 Mains measurement 22-5-2017 MvH24 Mains measurement 29-5-2017 MvH25 Mains measurement 22-5-2017 MvH26 22-5-2017 MvH Mains measurement 27 Mains measurement 22-5-2017 MvH 28 Mains measurement 22-5-2017 MvH 29 Mains measurement 22-5-2017 MvH 30 Mains measurement 29-5-2017 MvH31 Mains 29-5-2017 MvH32 Mains 29-5-2017 MvH33 Mains UPS 23-5-2017 MvH34 29-5-2017 MvHSynchronization relay 35 Pilotcurrent 230Vac 29-5-2017 MvHMvH36 Pilotcurrent 230Vac 29-5-2017 37 Pilotcurrent 230Vac MvH29-5-2017 Pilotcurrent 230Vdc Multifunctional power analyser 29-5-2017 MvHConcept 2 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) T: +31(0)172539536 F: +31(0)172539742 29-5-2017 Wageningen UR Table of contents: 1 - 38 0590080 Schemenumber KÖNST **ACRRES** Appr 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Table of contents Page Page description Date Edited by Assignment Pilotcurrent 230Vac 29-5-2017 MvH 50 Pilotcurrent 24Vdc PLC configuration 23-5-2017 MvH 23-5-2017 MvH51 Pilotcurrent 24Vdc PLC configuration 29-5-2017 MvH55 Pilotcurrent 24Vdc PLC power 56 Pilotcurrent 24Vdc PLC power 29-5-2017 MvH57 Pilotcurrent 24Vdc PLC power 29-5-2017 MvHPilotcurrent 24Vdc 29-5-2017 MvH60 Pilotcurrent 24Vdc CHP 29-5-2017 MvH61 75 Pilotcurrent 24Vdc PLC digital inputs 29-5-2017 MvH76 Pilotcurrent 24Vdc PLC digital inputs 23-5-2017 MvH77 Pilotcurrent 24Vdc PLC digital inputs 29-5-2017 MvH 29-5-2017 MvH78 Pilotcurrent 24Vdc PLC digital inputs 79 Pilotcurrent 24Vdc PLC digital inputs 29-5-2017 MvH80 Pilotcurrent 24Vdc PLC digital outputs 23-5-2017 MvH Pilotcurrent 24Vdc PLC digital outputs 29-5-2017 MvH81 Pilotcurrent 24Vdc PLC digital outputs 29-5-2017 MvH 82 Pilotcurrent 24Vdc PLC digital outputs 29-5-2017 MvH 83 85 Pilotcurrent 24Vdc PLC analoge outputs 4-20mA 29-5-2017 MvH 90 Pilotcurrent 24Vdc PLC analoge outputs 0-10V 29-5-2017 MvH 100 Device tag list: 50A2 - 51A15 29-5-2017 MvH101 Device tag list: 11F13 - 20F10 29-5-2017 MvH102 Device tag list: 31F.1 - 83H11 29-5-2017 MvH103 Device tag list: 83H11 - 11L9 29-5-2017 MvHDevice tag list: 11L10 - PANEEL 29-5-2017 MvH104 Device tag list: PANEEL - RAIL1 MvH105 29-5-2017 Device tag list: RAIL1 - 82U5 106 29-5-2017 MvHPanel layout Inside 404 29-5-2017 MvHPanel layout Outside 29-5-2017 MvHConcept 2 29-5-2017 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) Page 2.1 Table of contents: 40 - 405 Wageningen UR 0590080 Schemenumber KÖNST **ACRRES** T: +31(0)172539536 Appr F: +31(0)172539742 059.9200 Ordernumber: Replaced by Modification Date Replaced by



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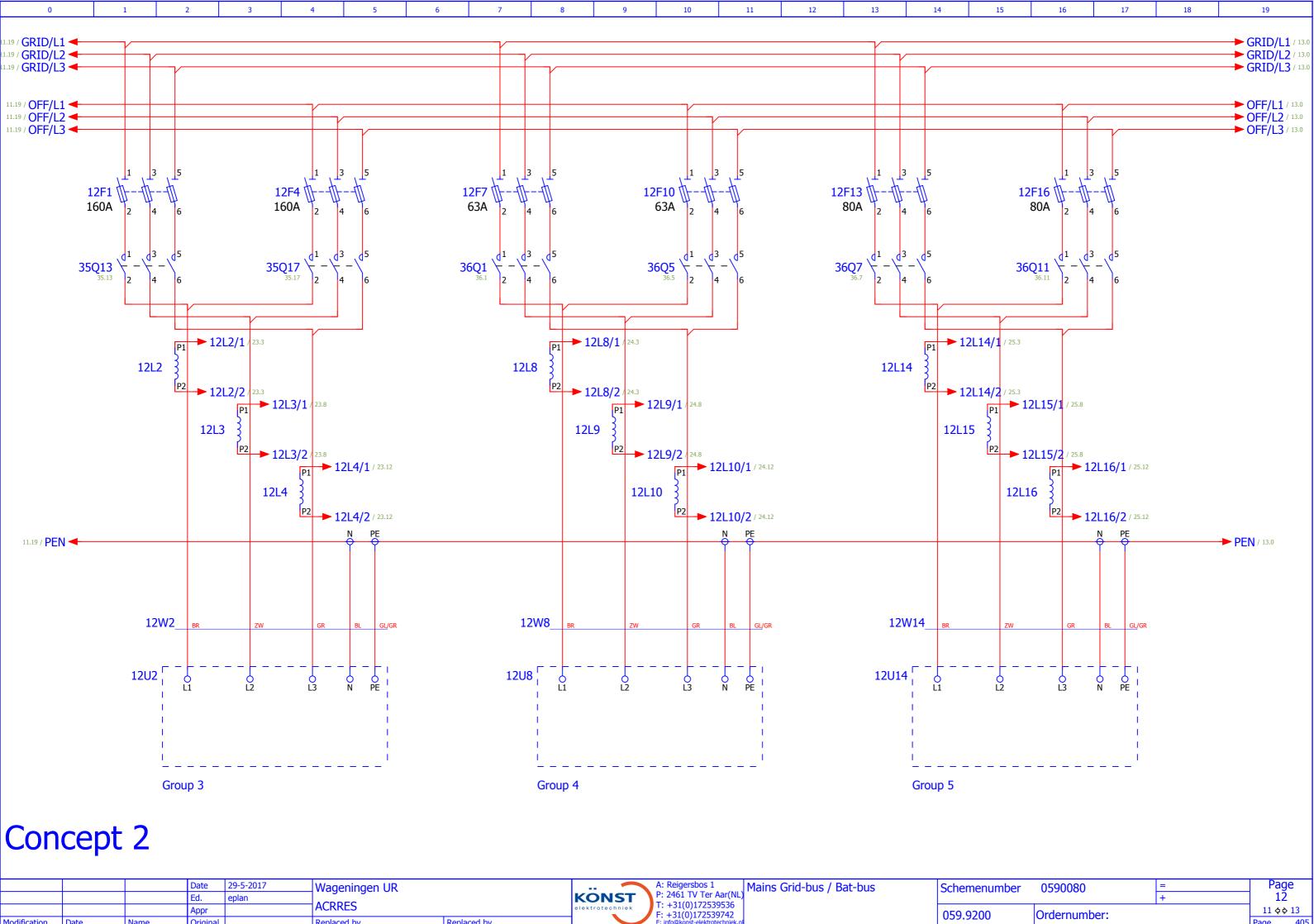
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Replaced by

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Modification Date



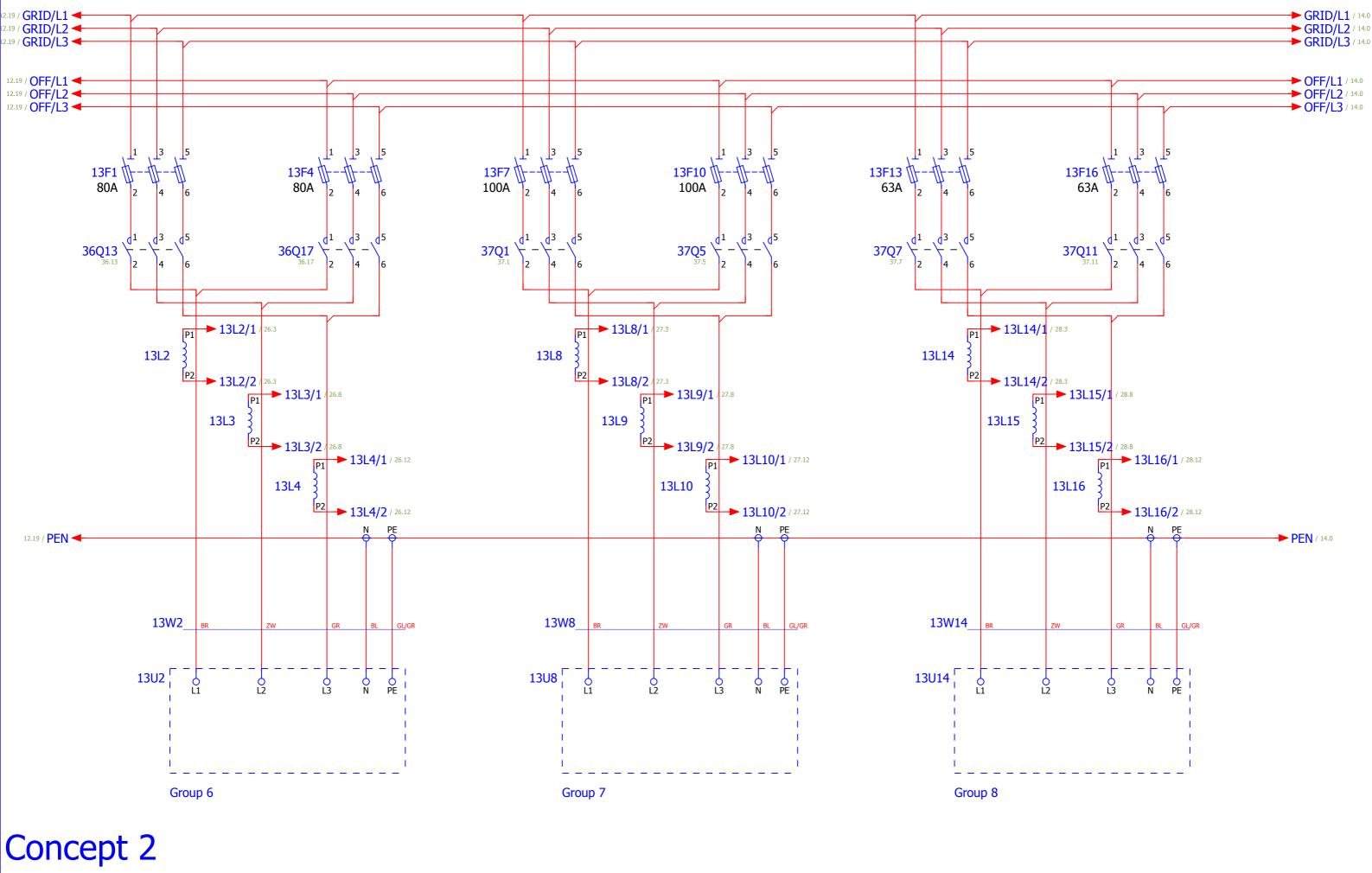
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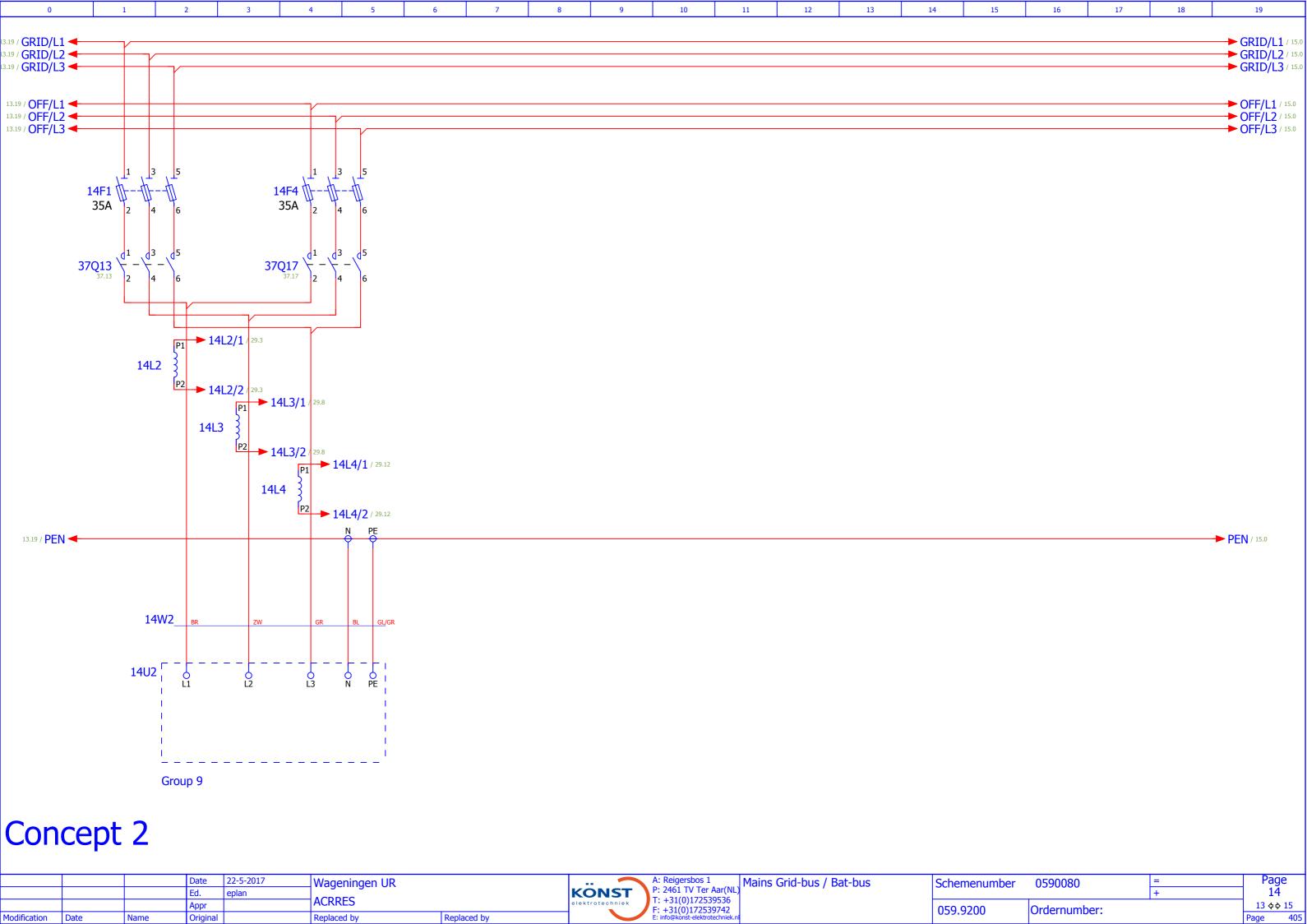
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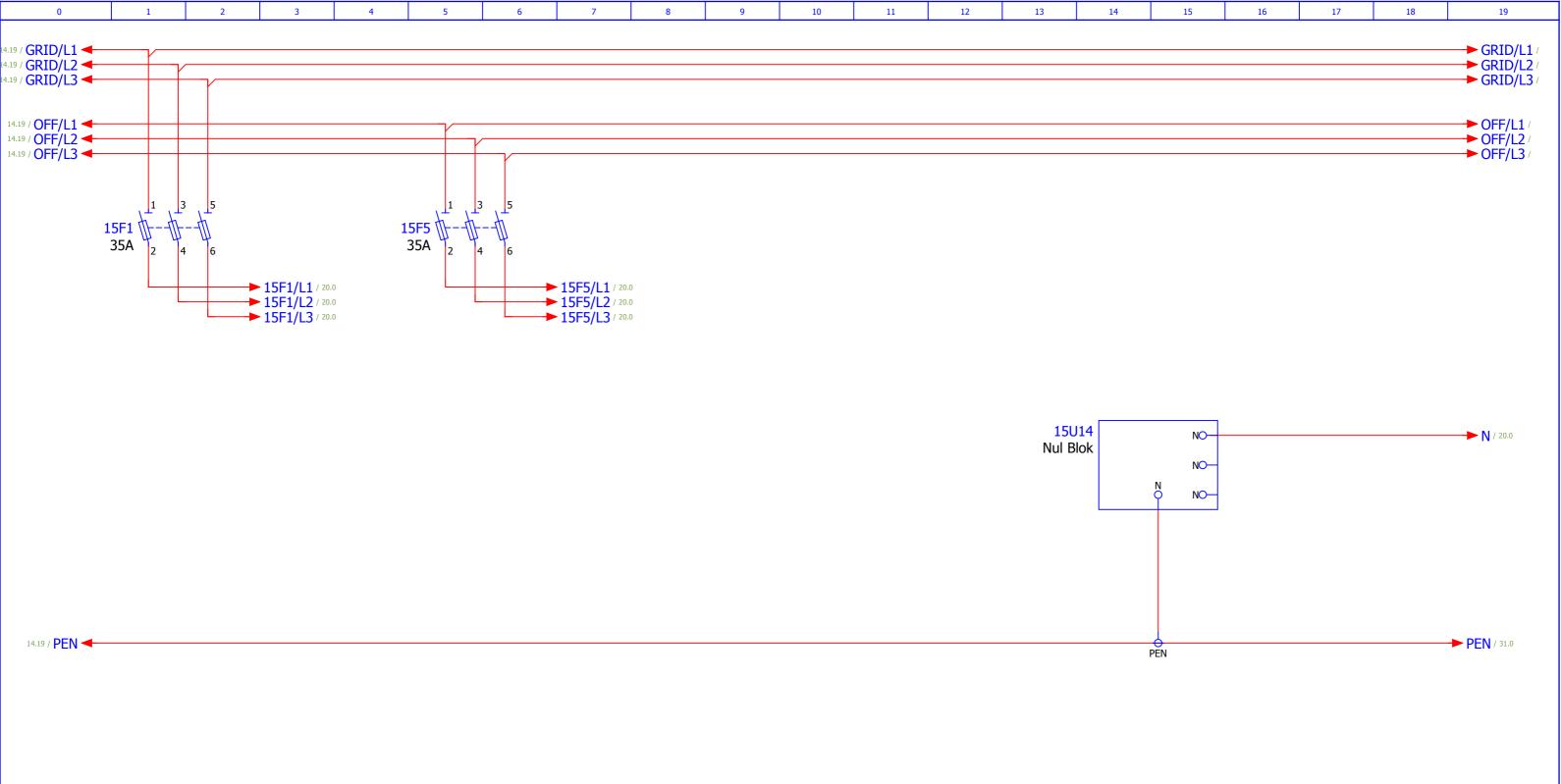
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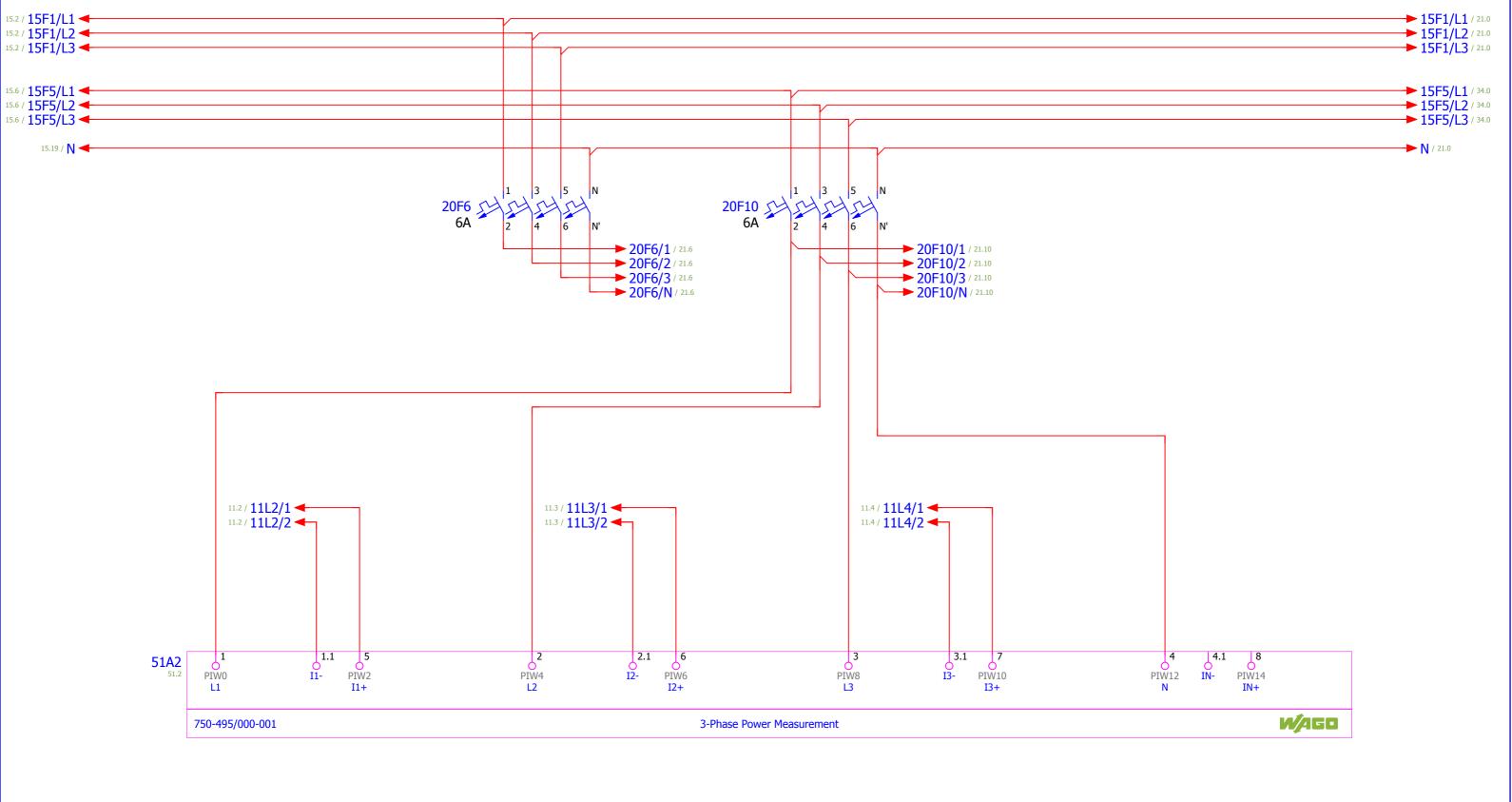


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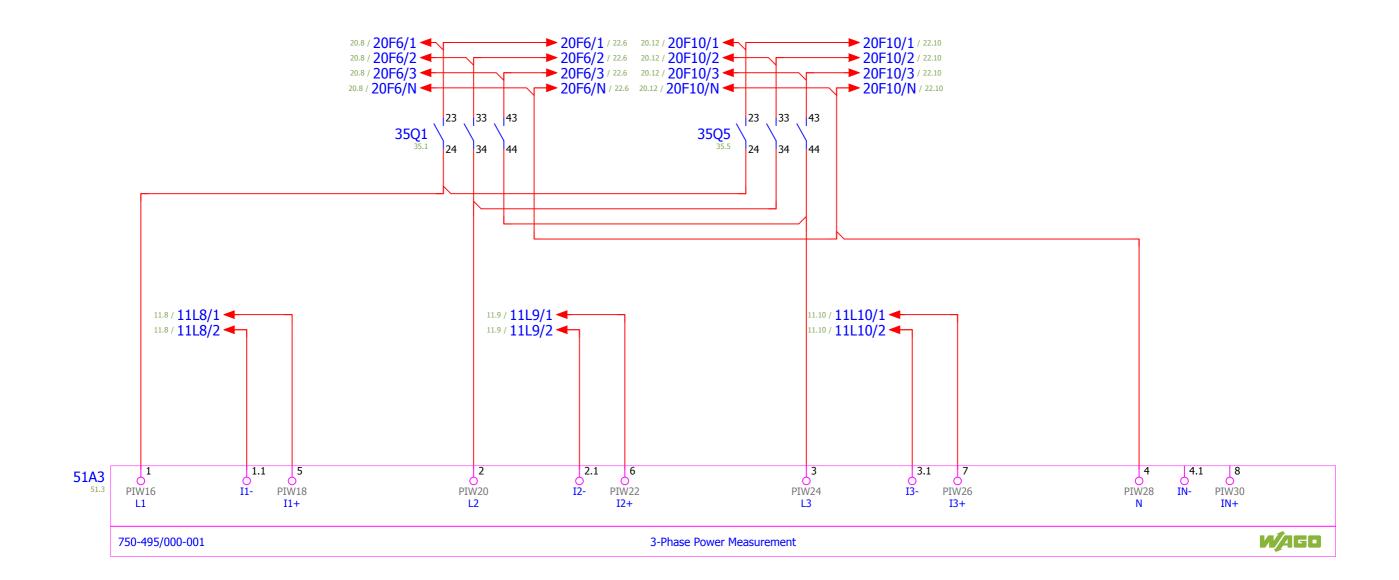
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17



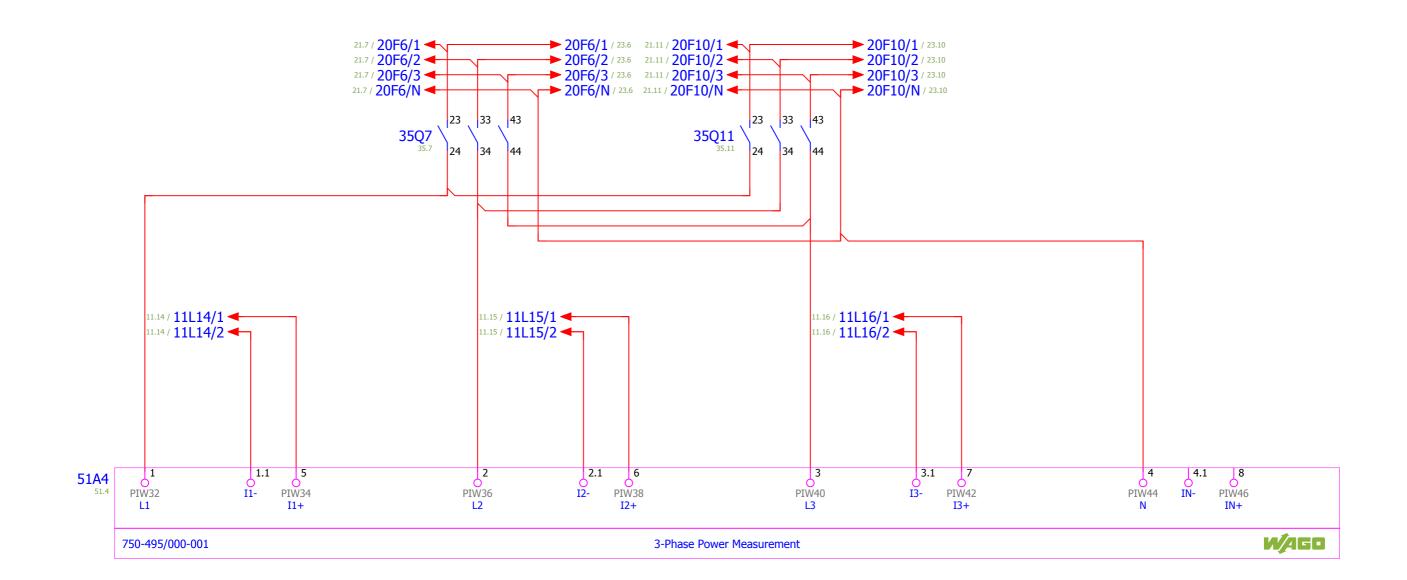
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13

17



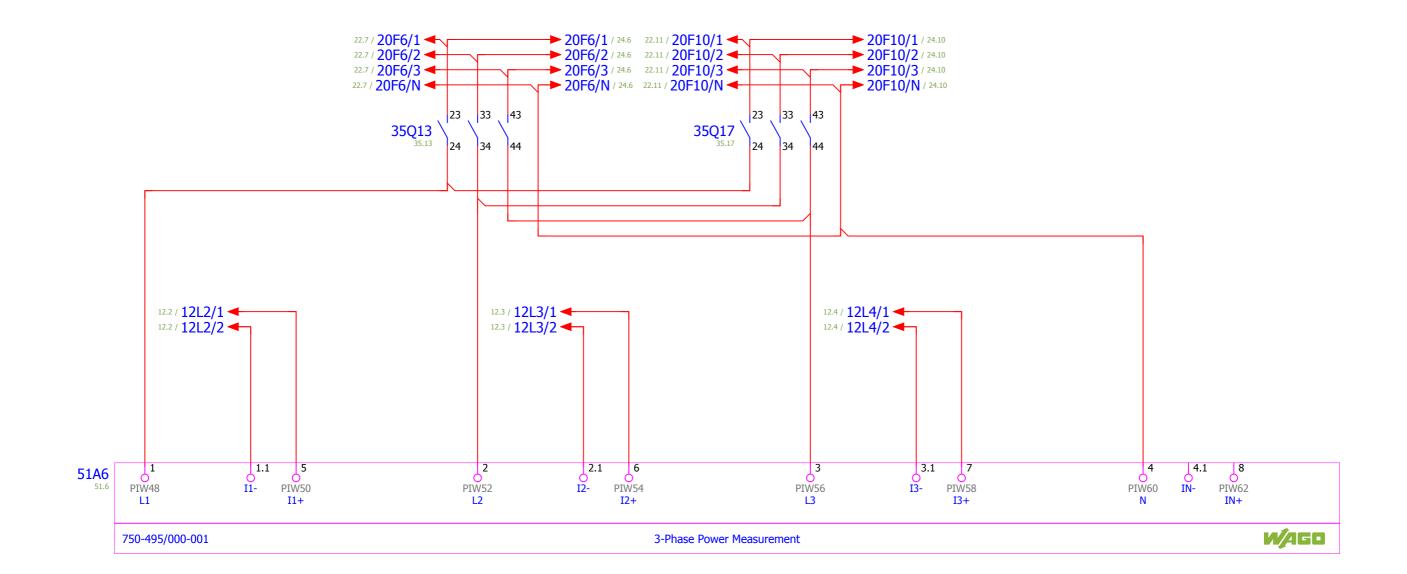
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13

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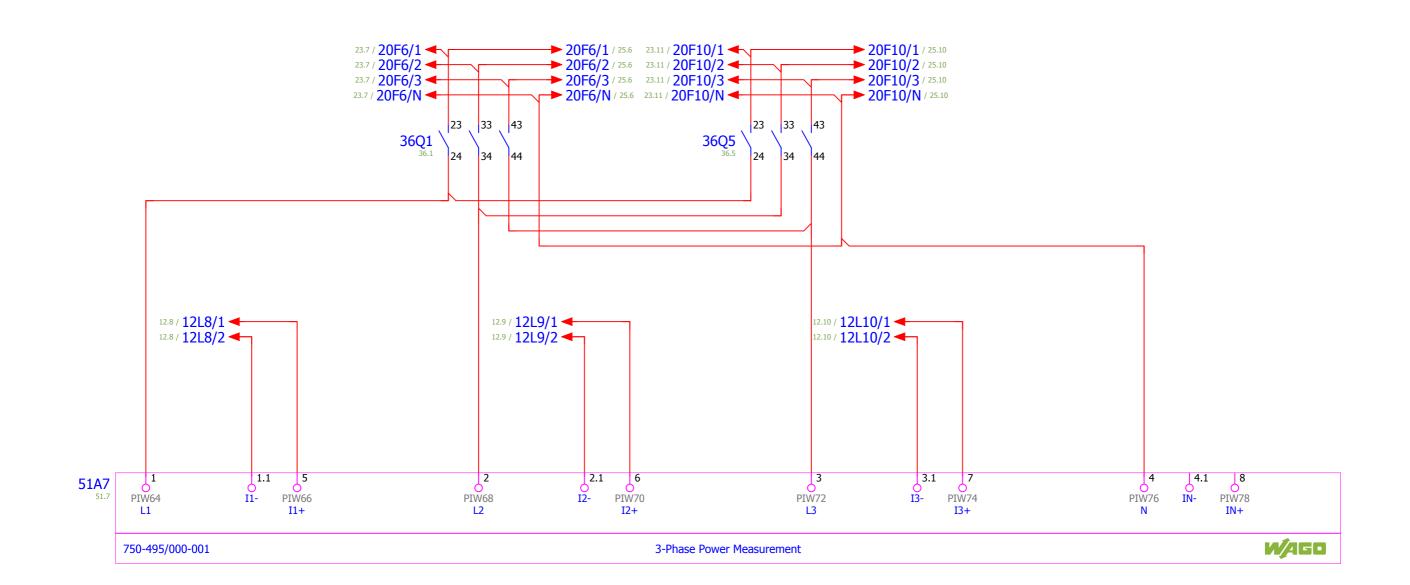
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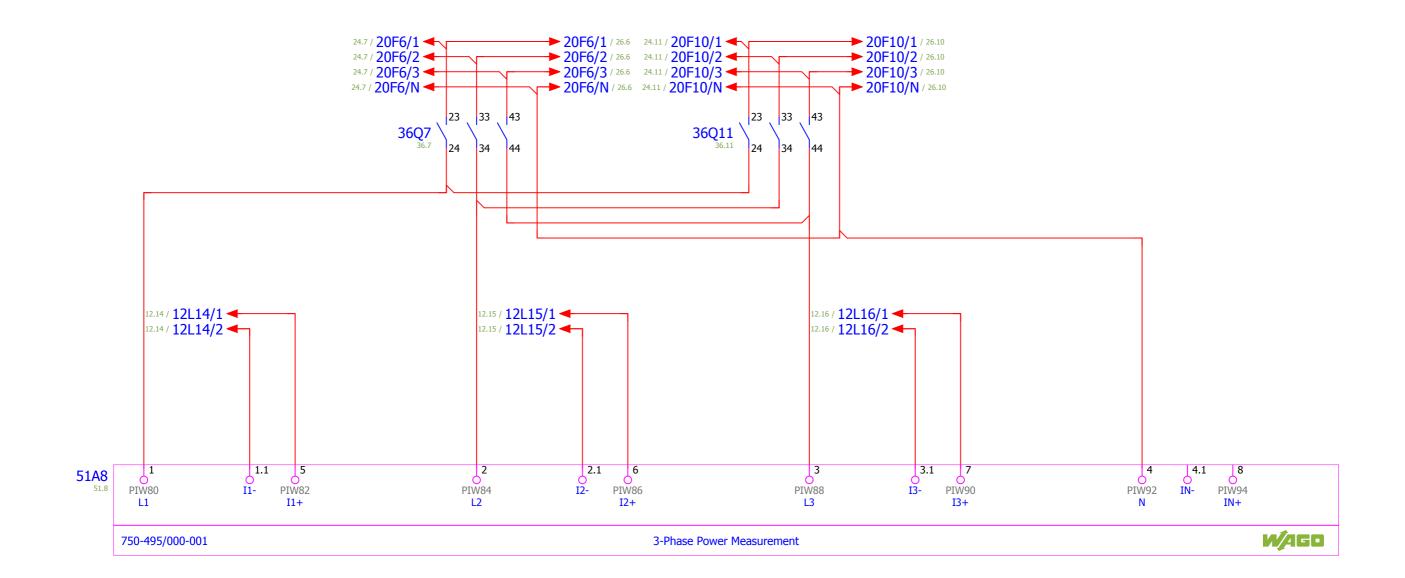
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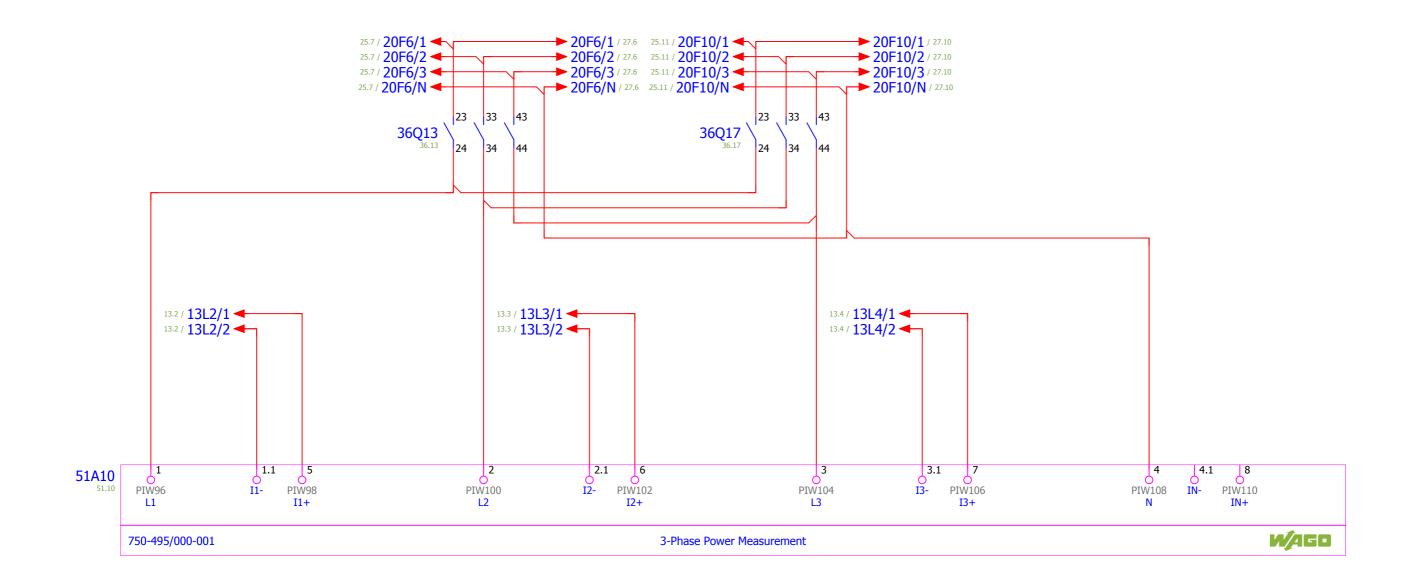
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13

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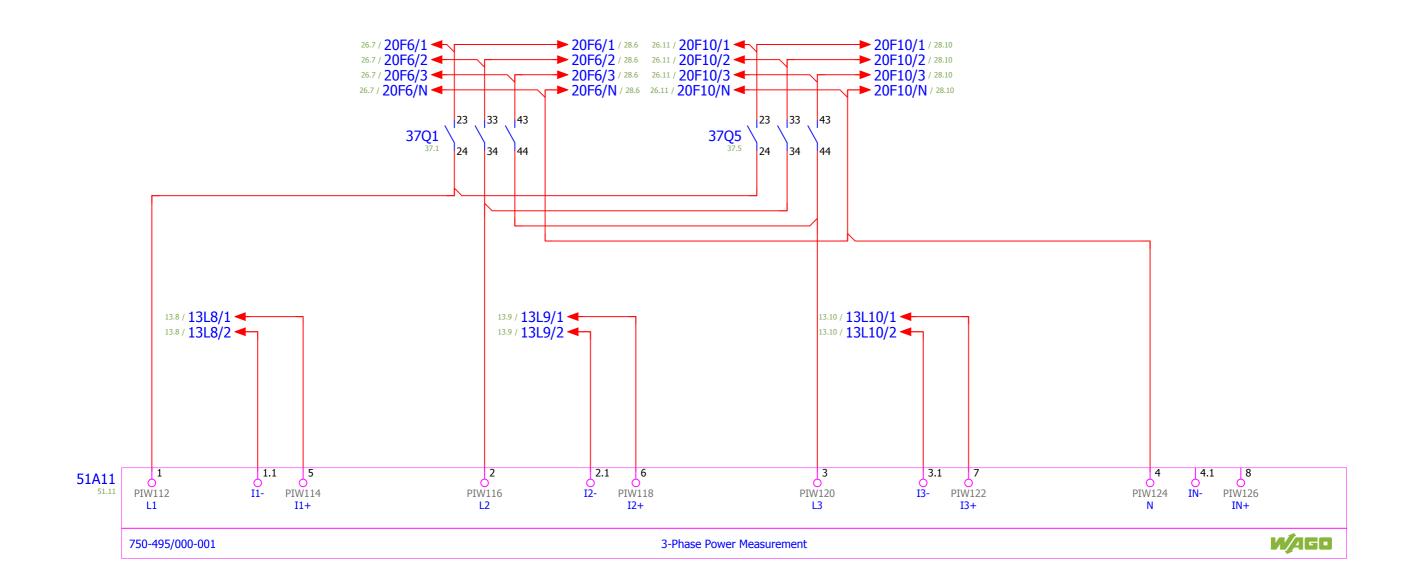
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13

17



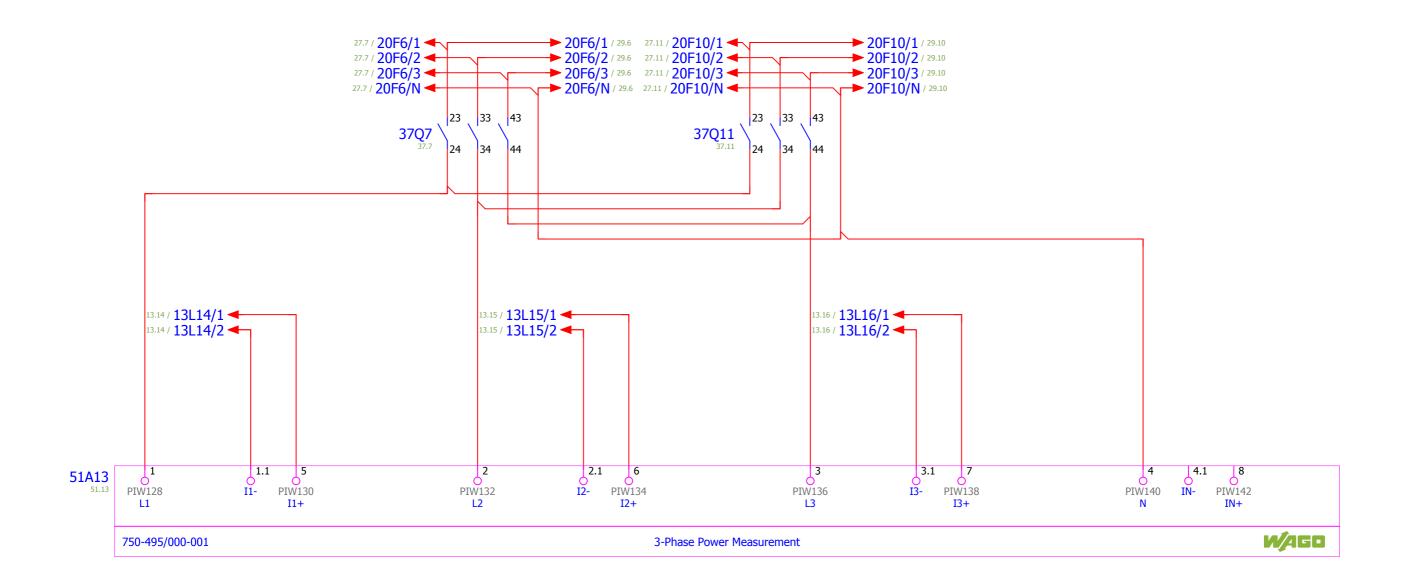
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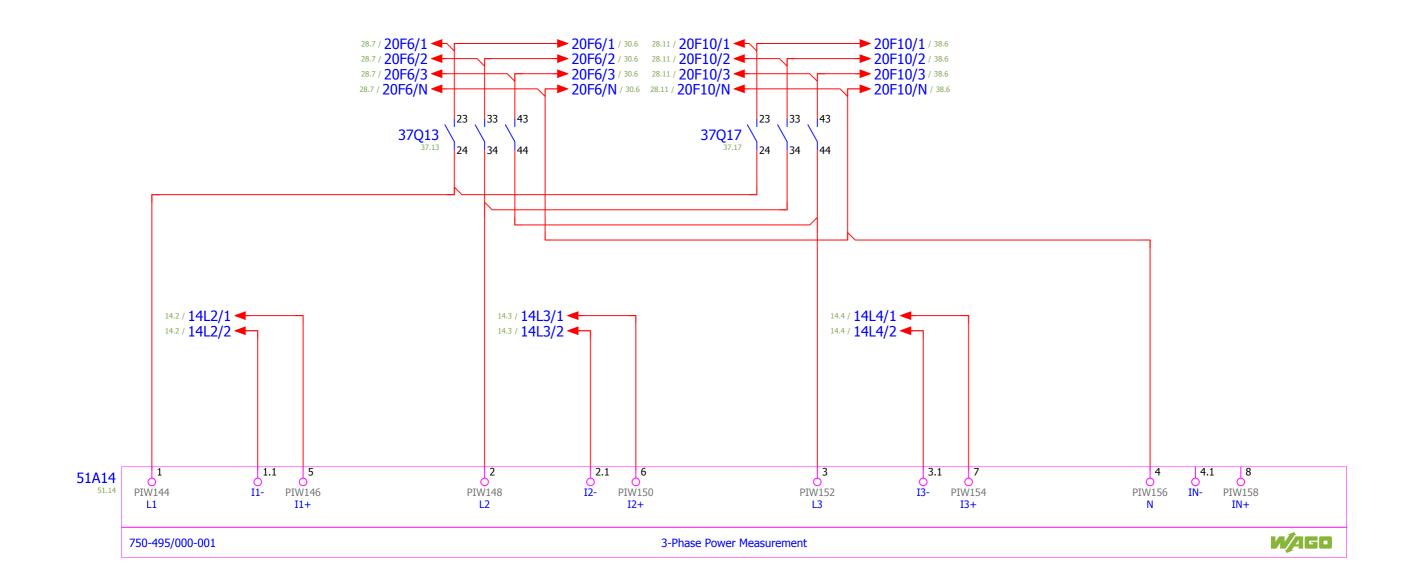


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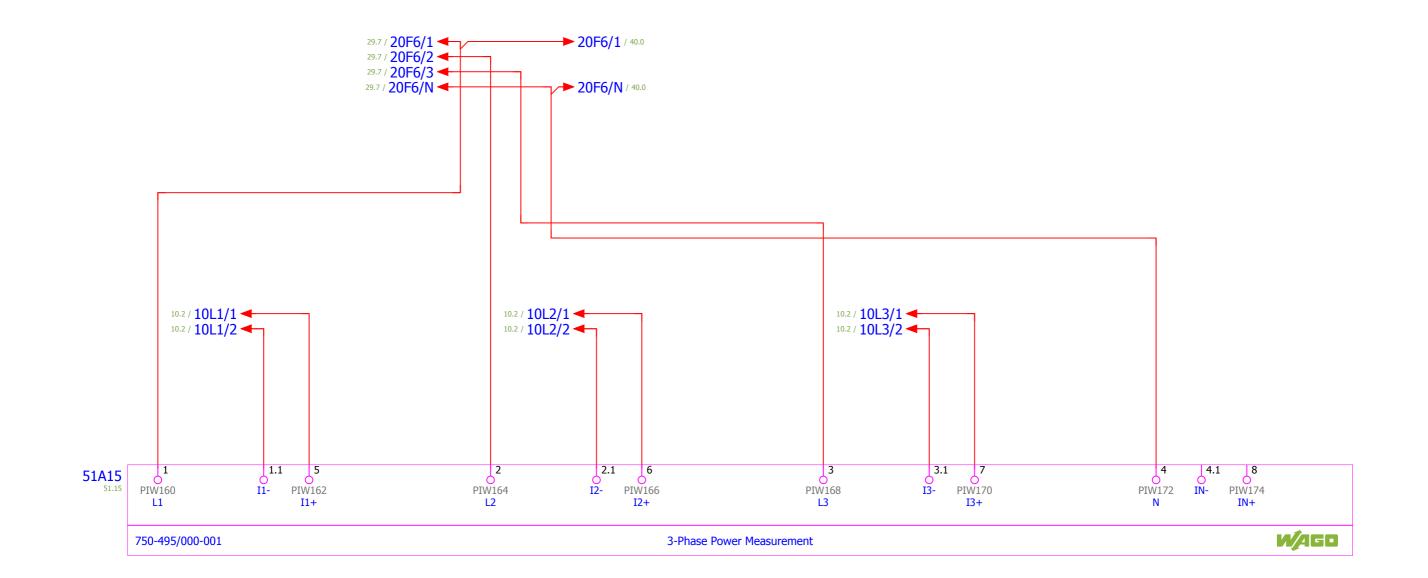
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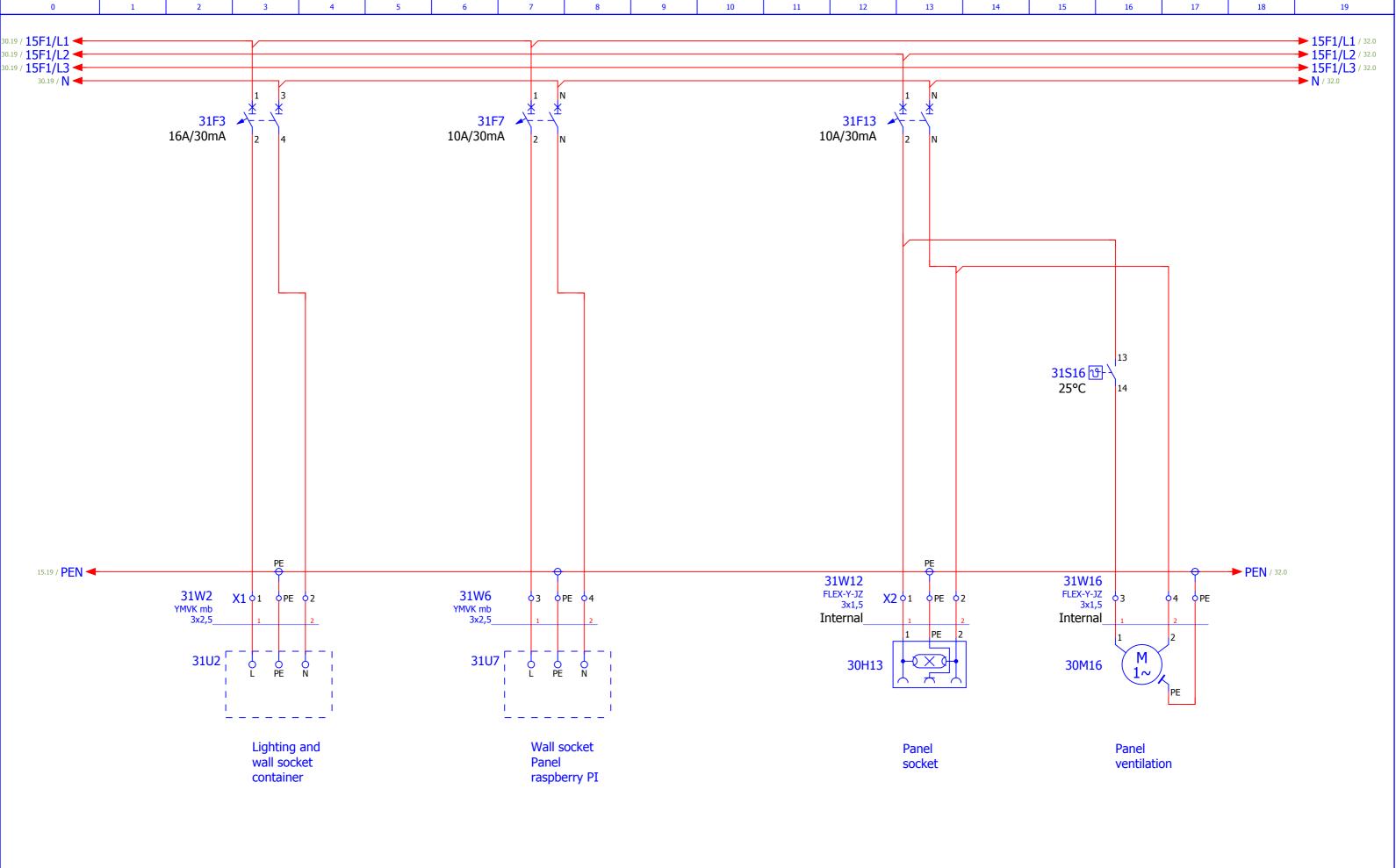
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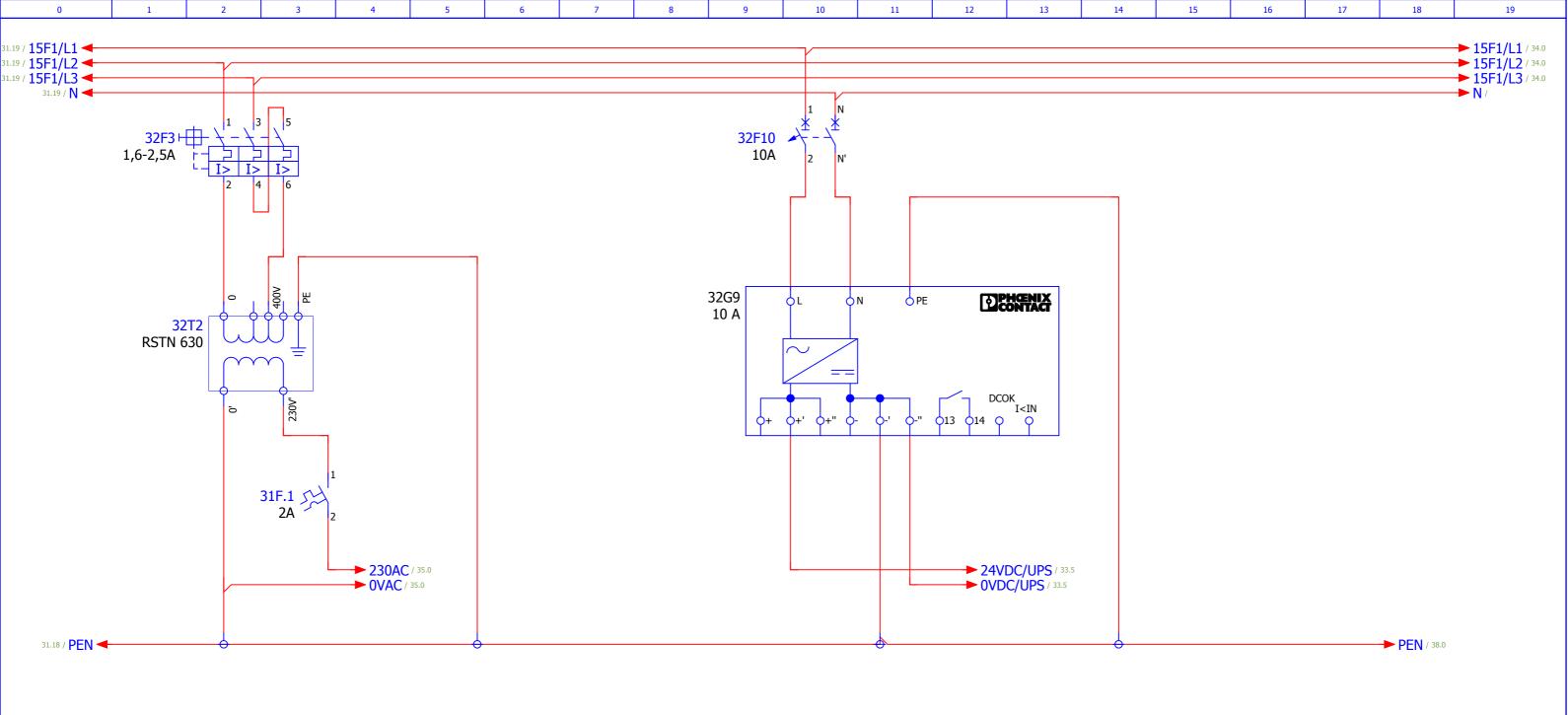


Power supply

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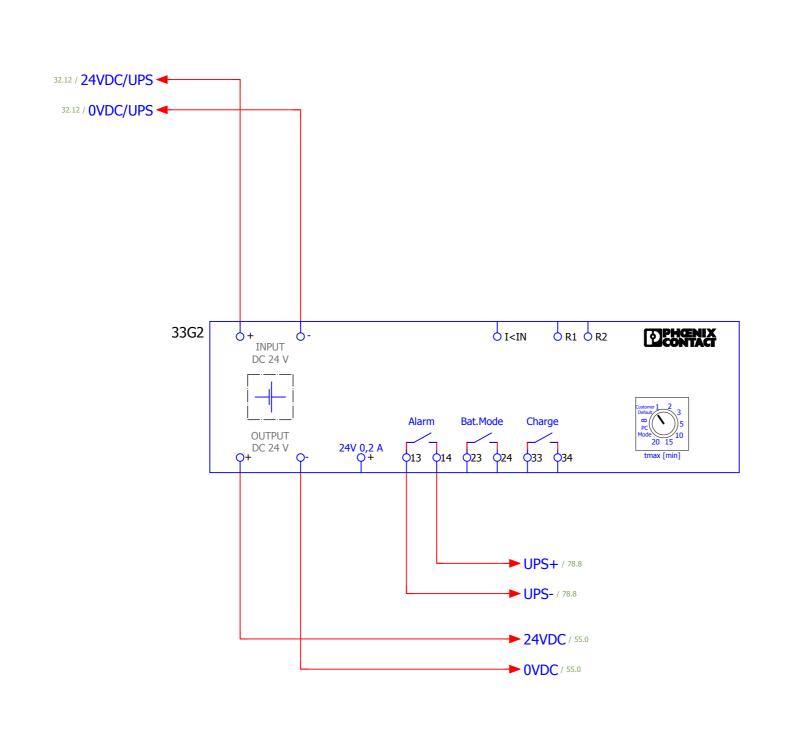
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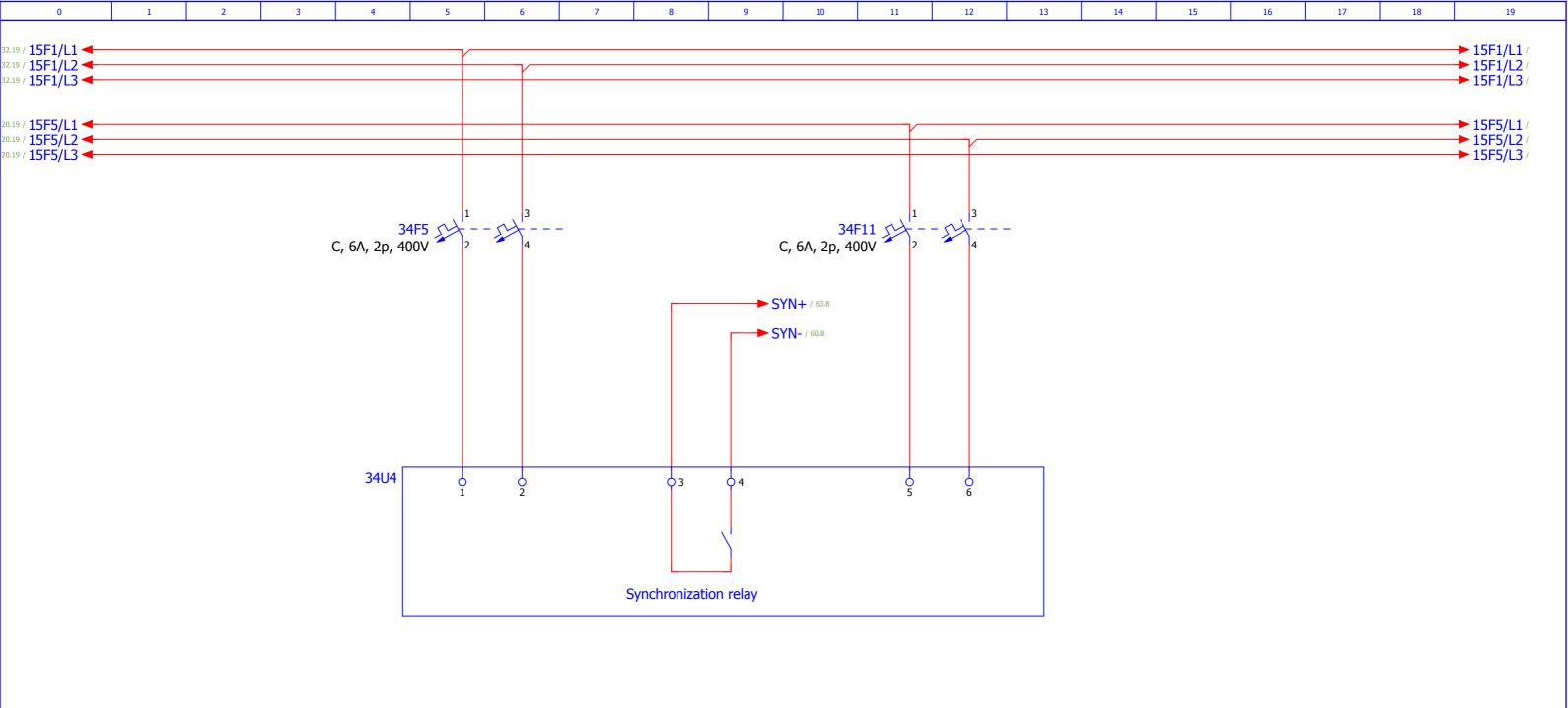
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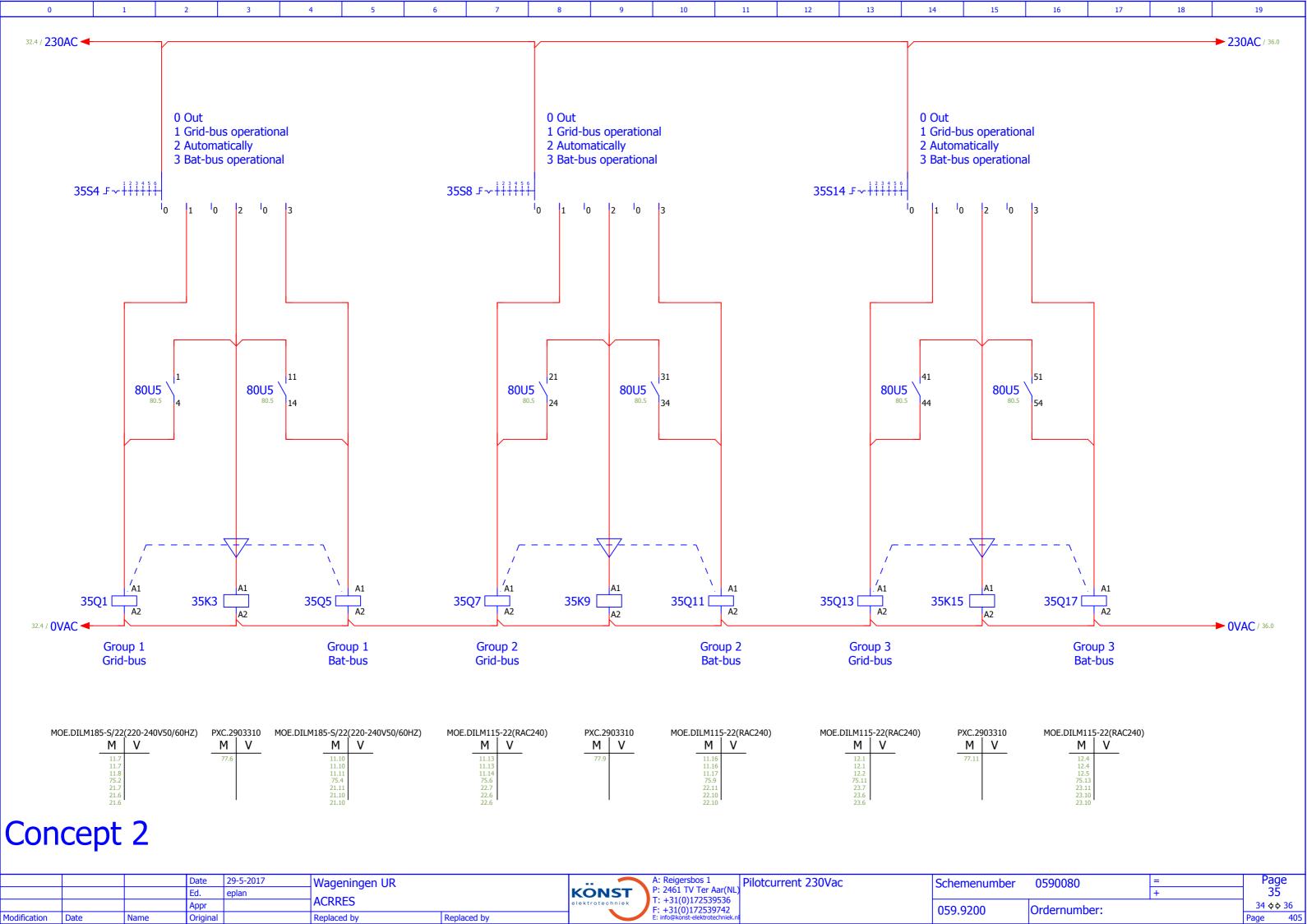
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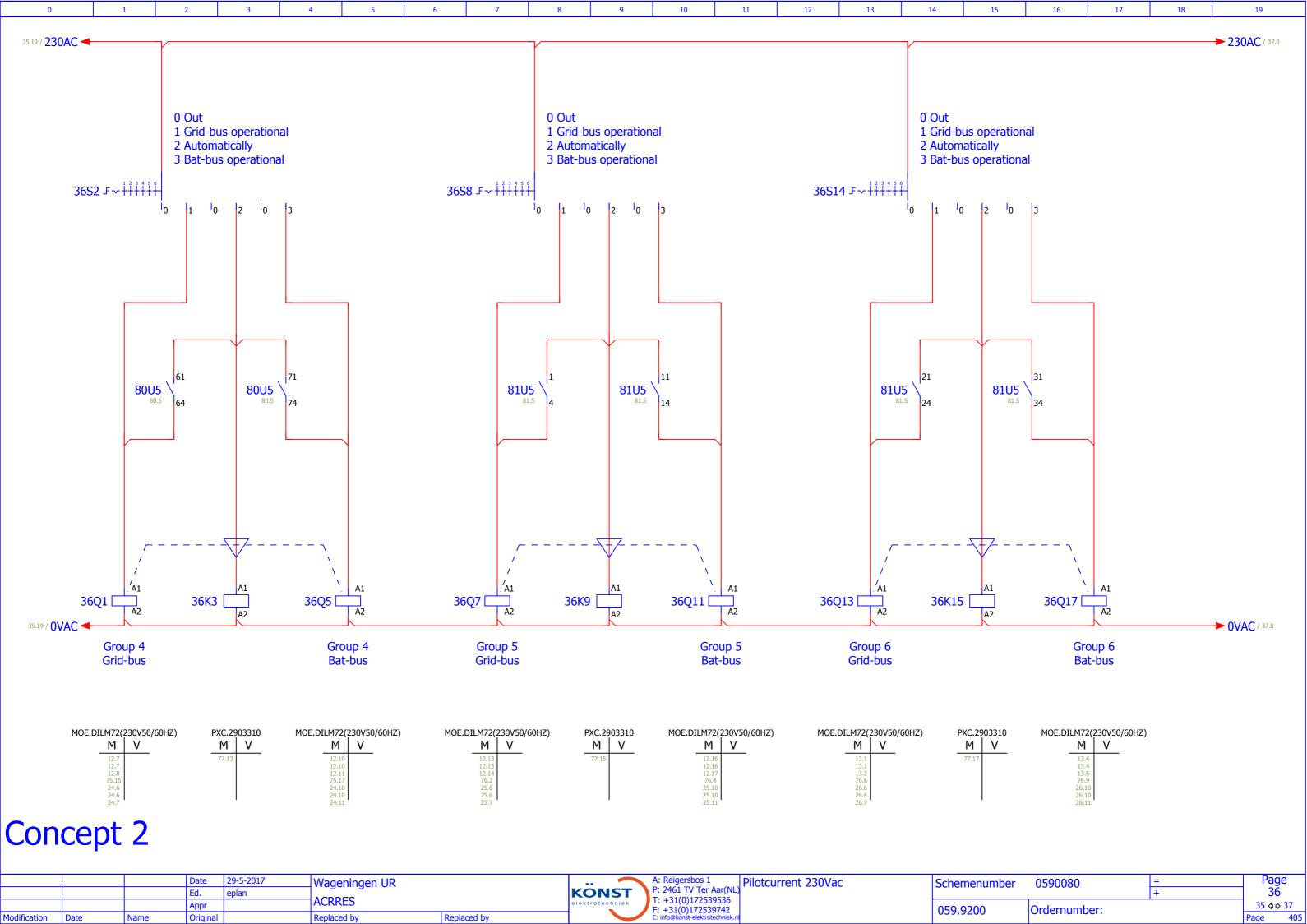


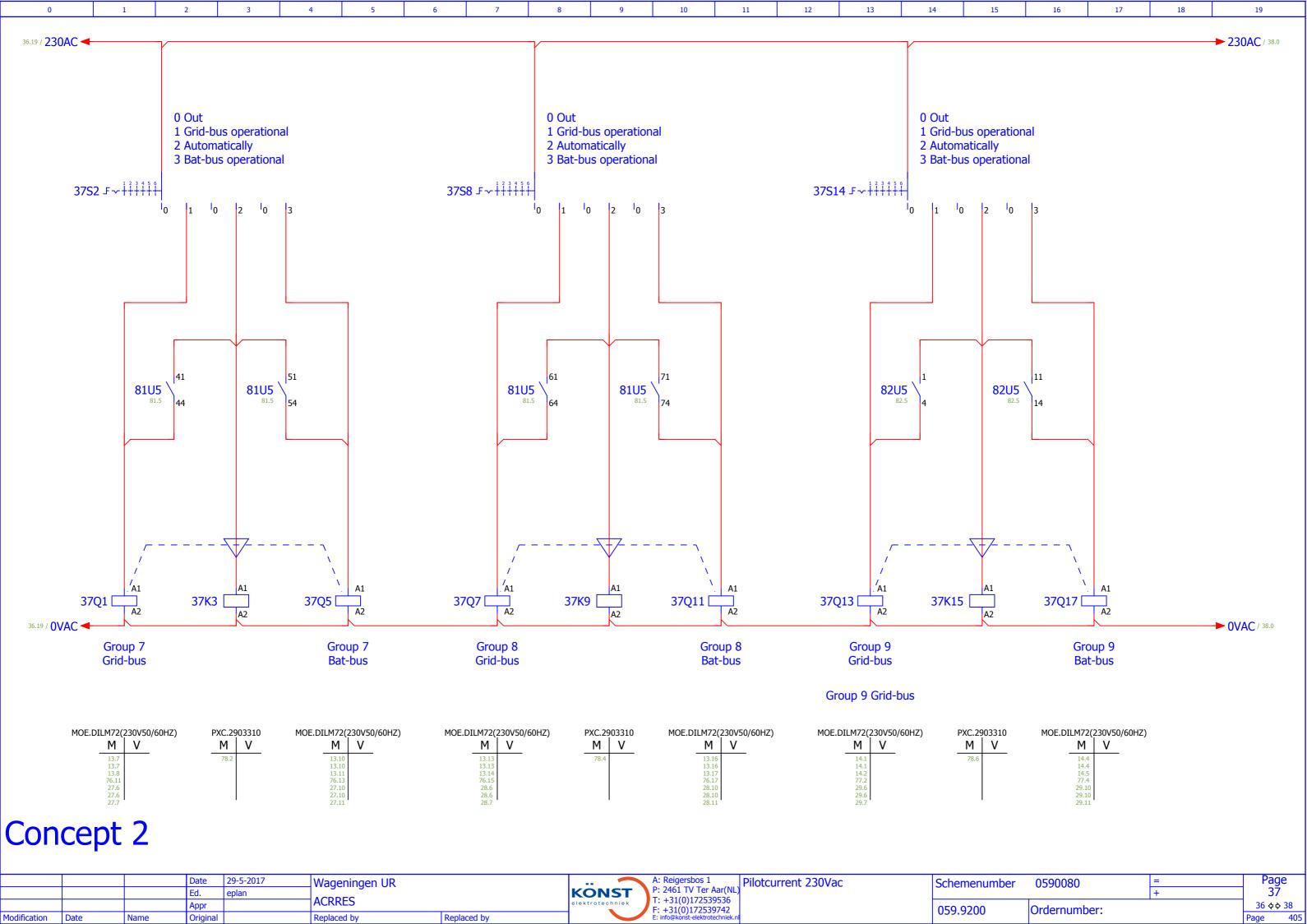
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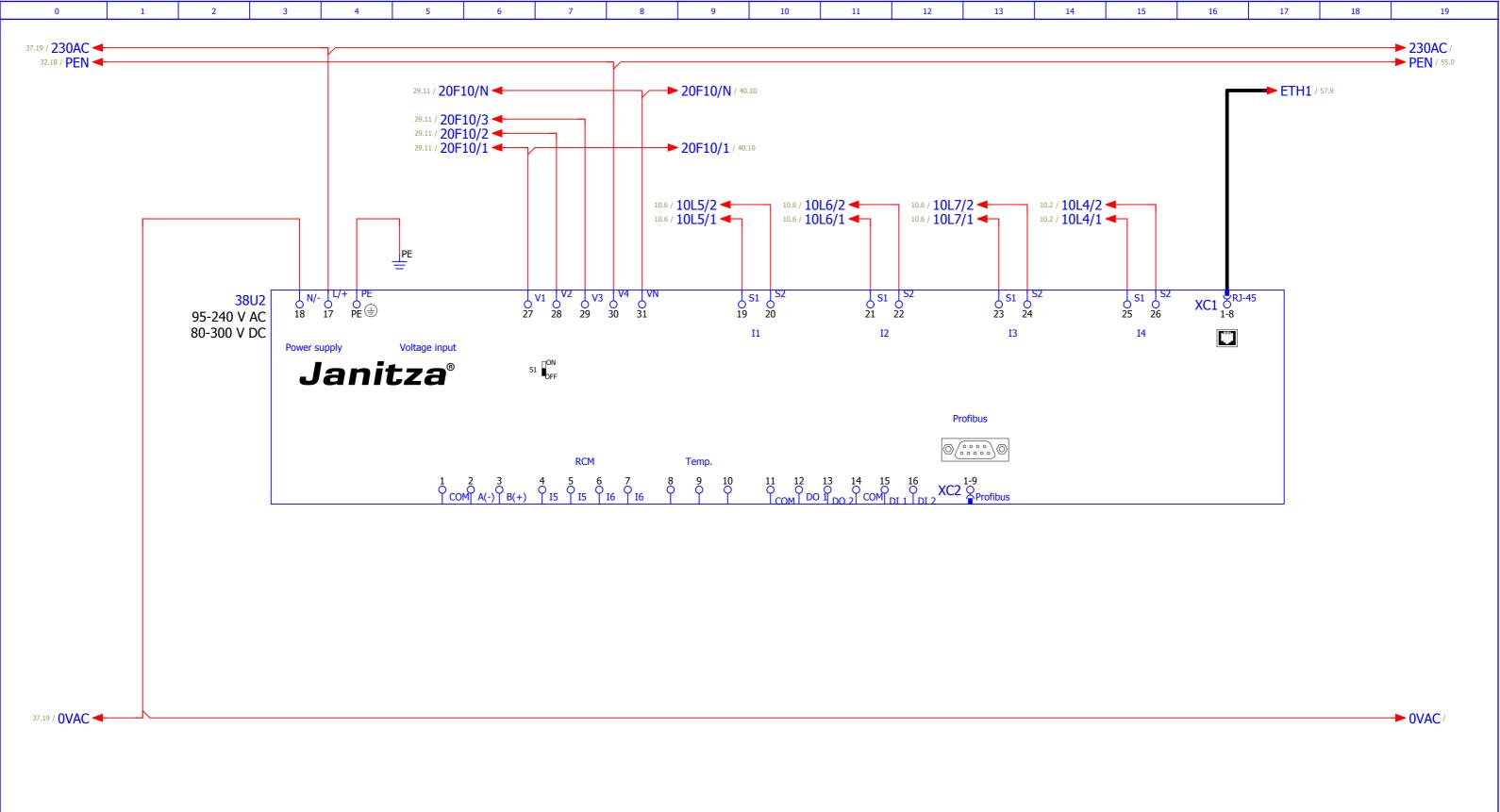


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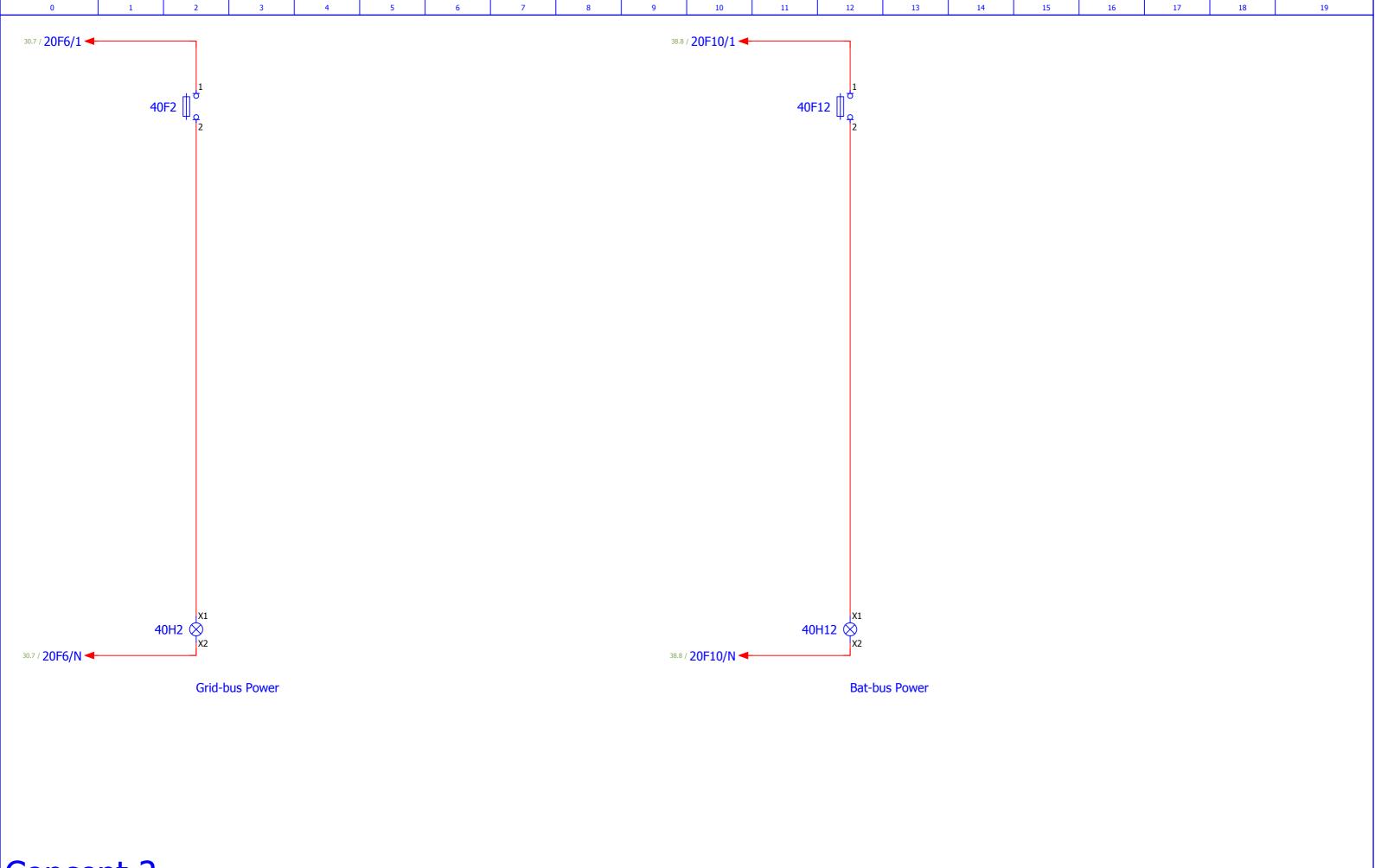




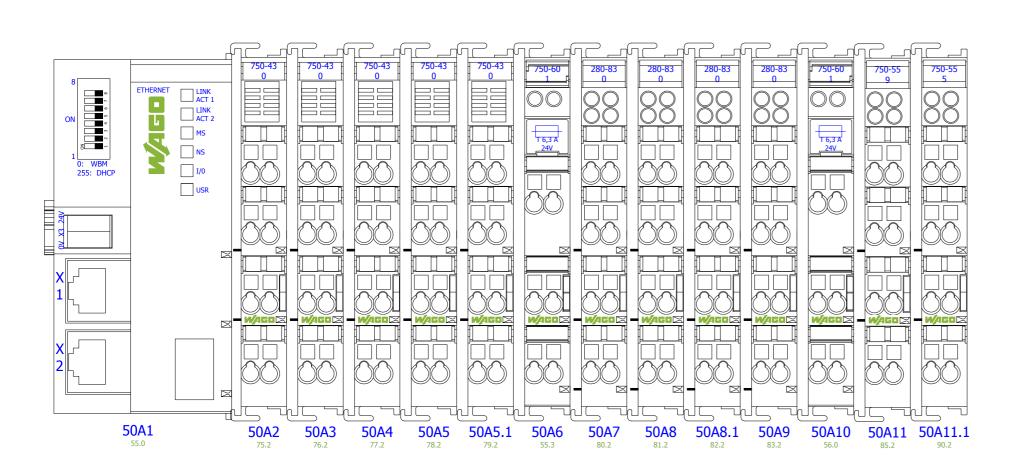


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Page 38



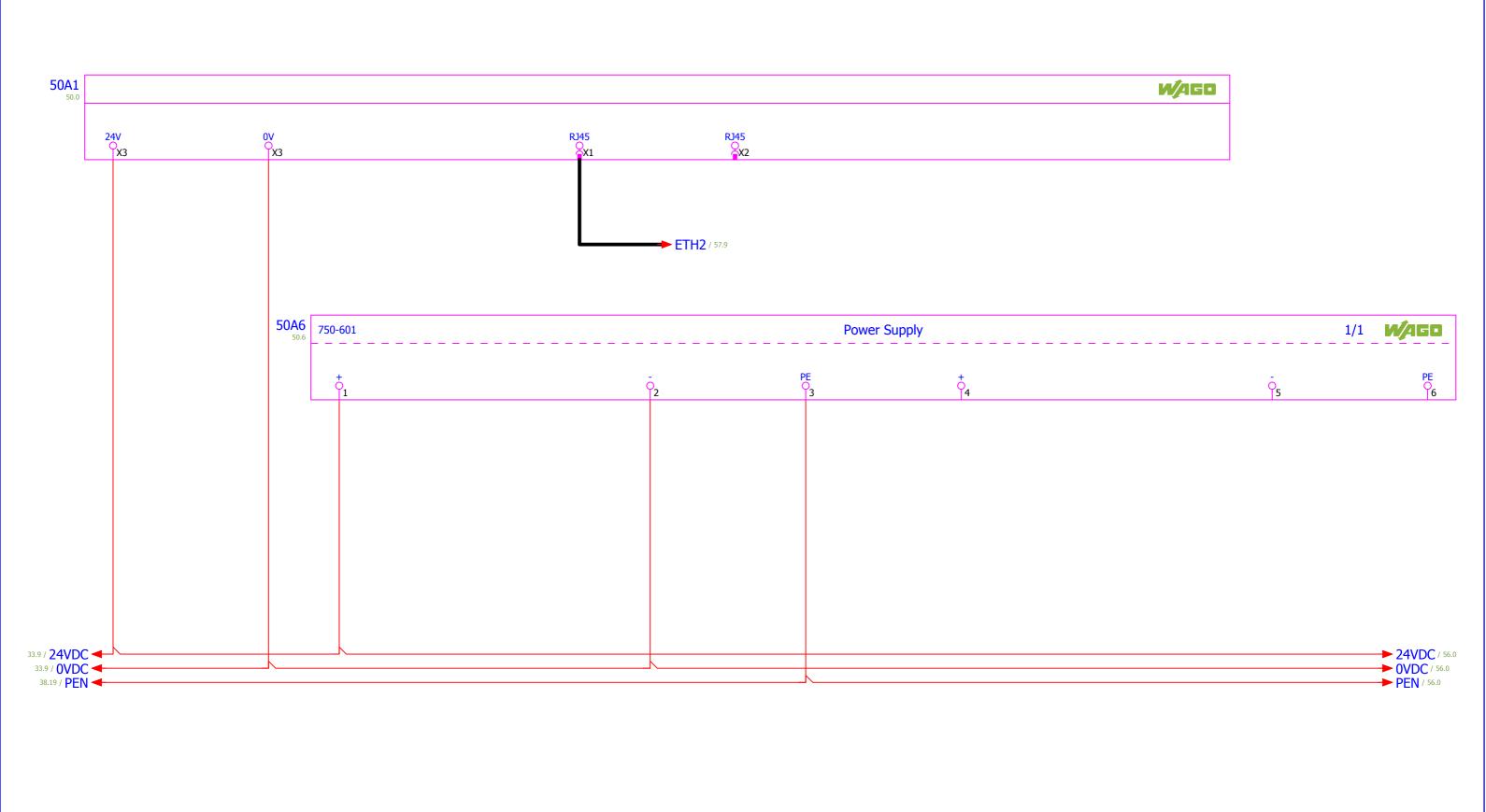
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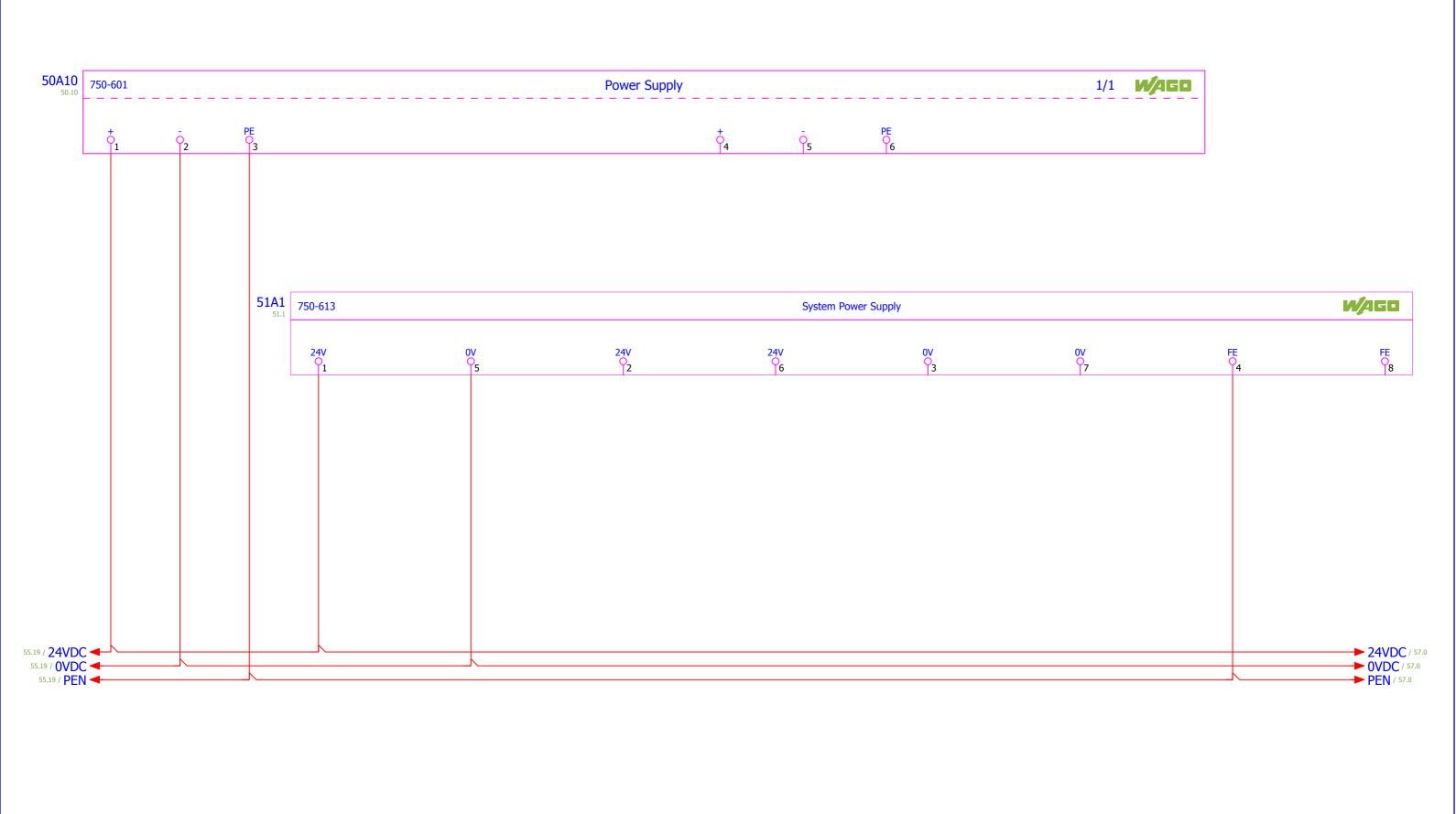
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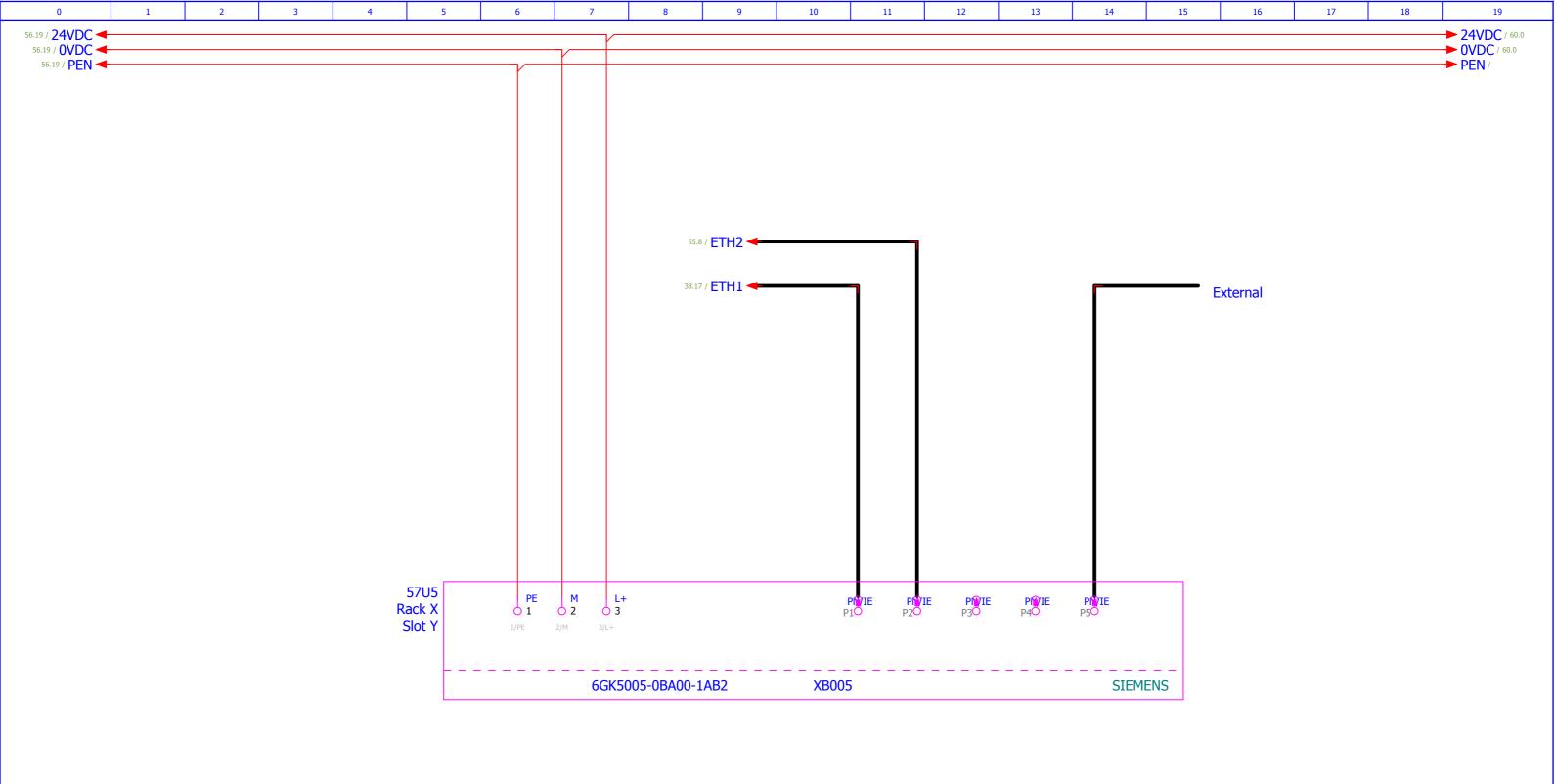
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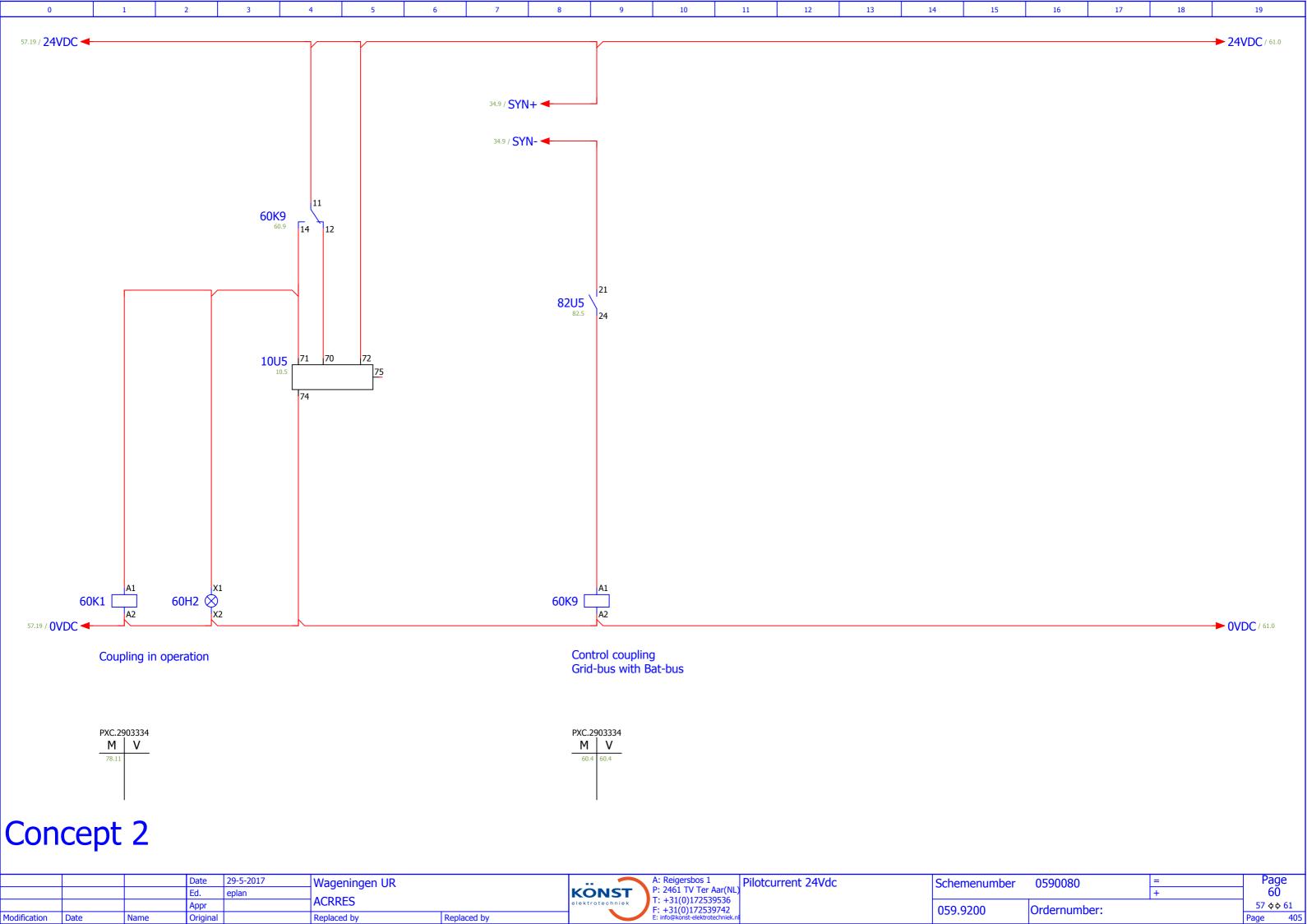
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Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.nl	ı ı	039.9200	Ordernamber.		Page 405

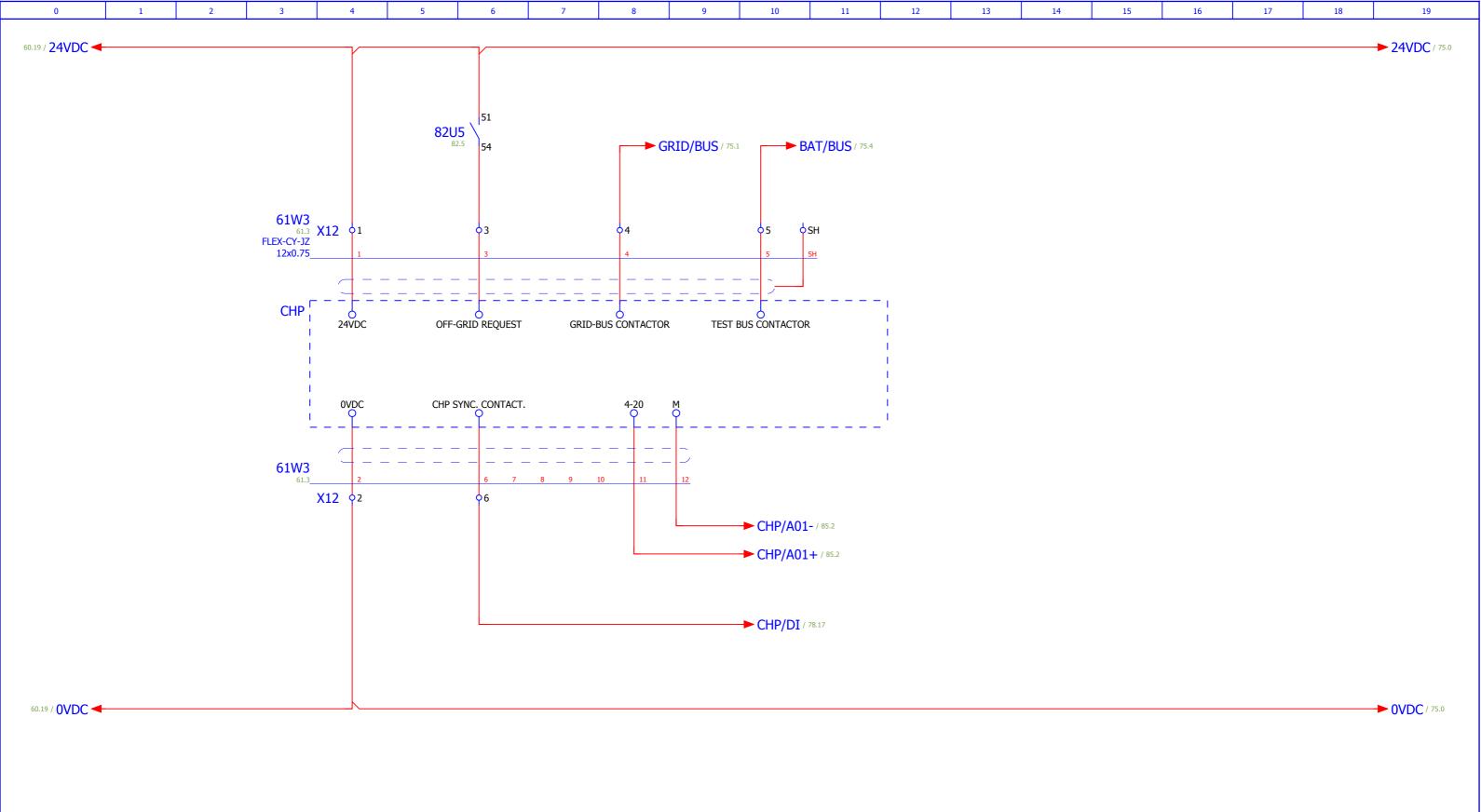


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			Ed.	eplan	ACDDEC		KONST elektrotechniek	T: +31(0)172539536 F: +31(0)172539742 E: info@konst-elektrotechniek.nl	PLC power			+	56
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Modification	Date	Name	Original		Replaced by	Replaced by					Ordernamber:		Page 40

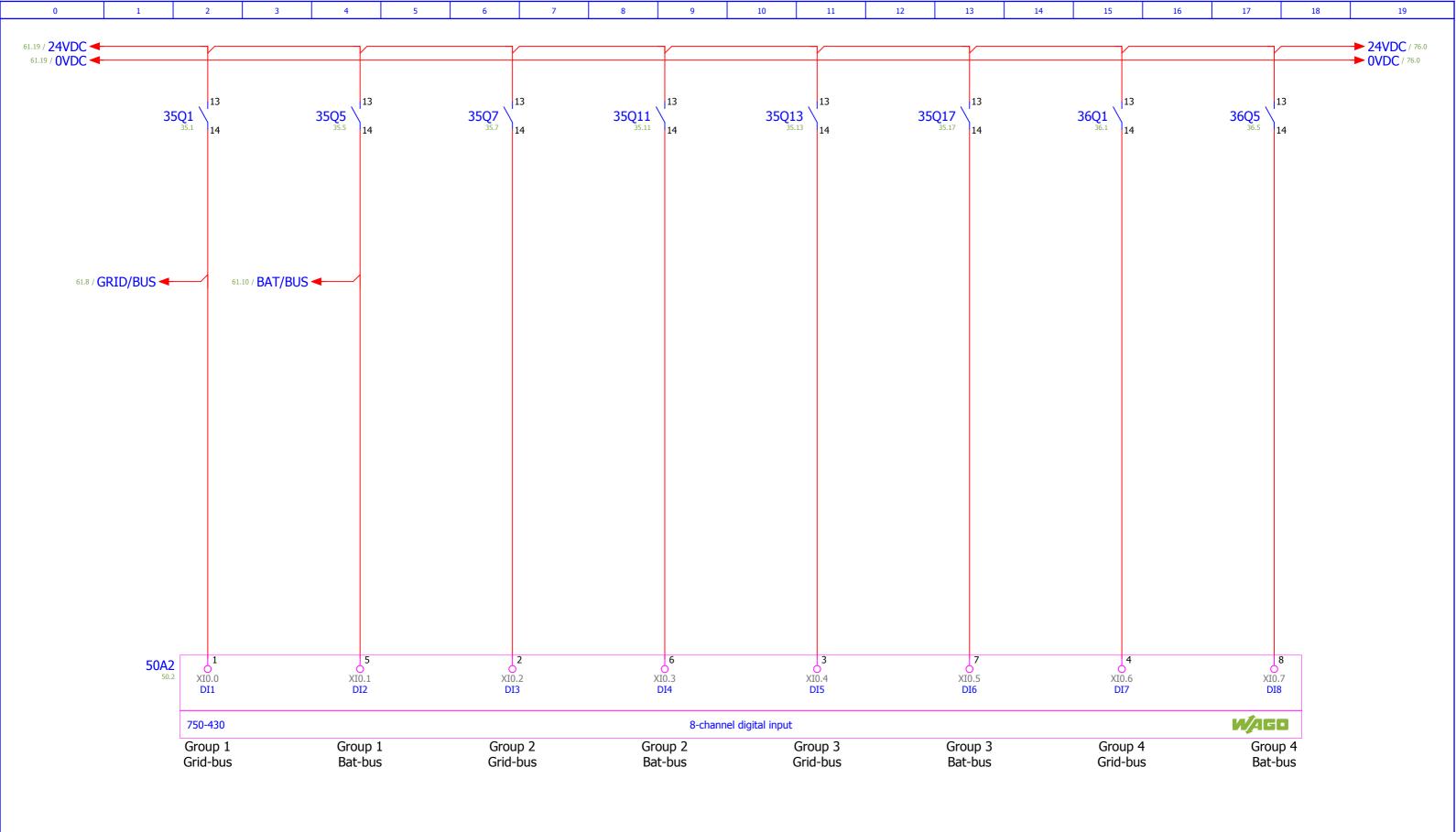


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			Ed.	eplan				P: 2401 IV Tel Adi(INL)	PLC power			+	57
			Appr							059.9200	Ordernumber:		56 �� 60
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.r		039.9200	Ordernamber.		Page 405

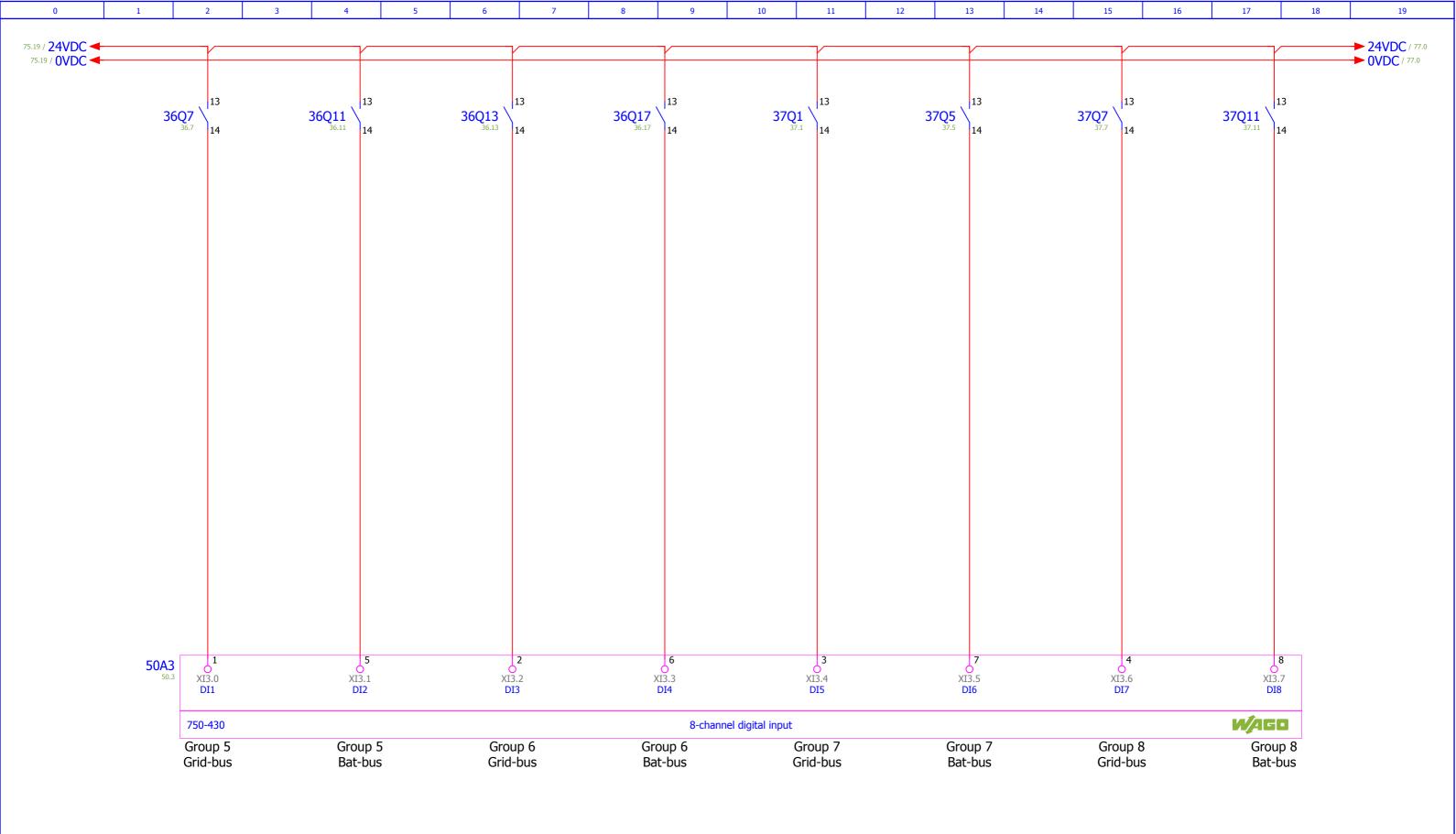




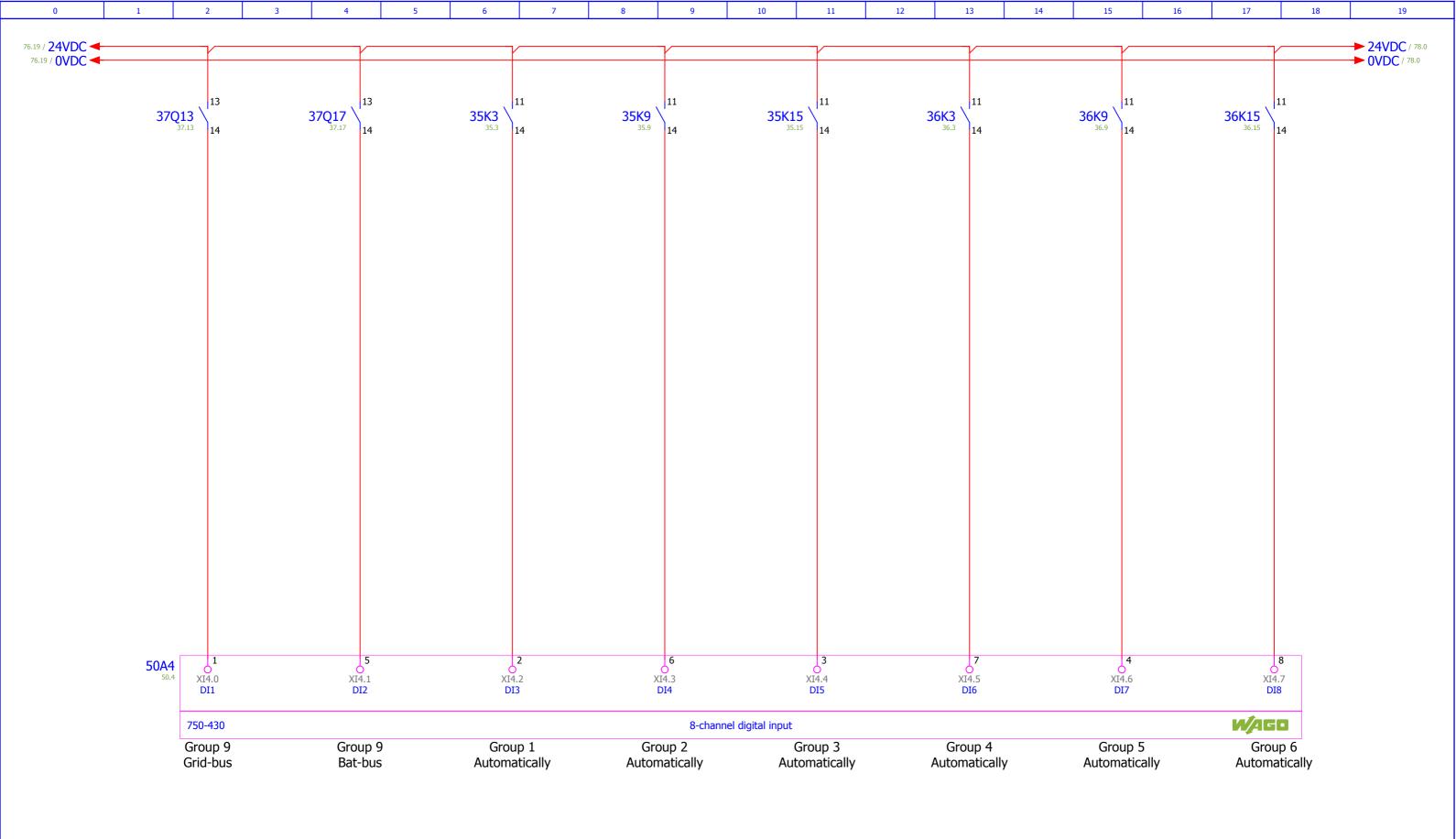
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			Ed.	eplan				P: 2401 IV Ter Adr(NL)	CHD			+	61
			Appr							059.9200	Ordernumber:		60 �� 75
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.r		039.9200	Ordernamber.		Page 405



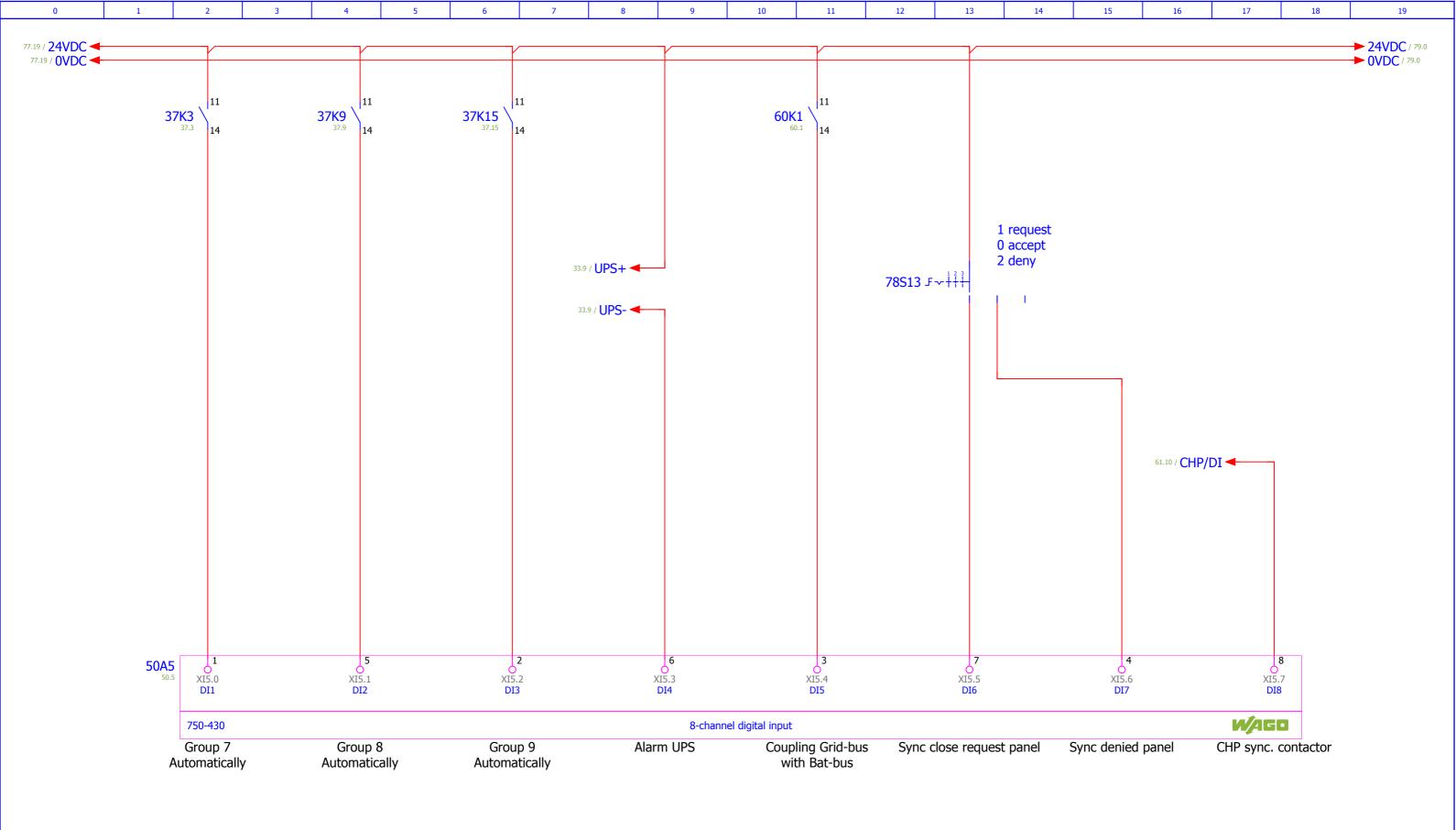
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			Appr		ACRRES		elektrotechniek	F: +31(0)1/2539536	Te digital inputs	059.9200	Ordernumber:		61 �� 76
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n		039.9200	Ordernumber:		Page 405



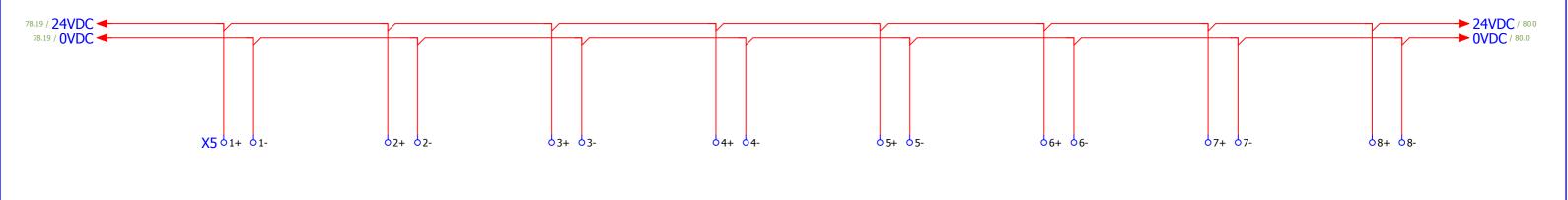
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Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n	ni	039.9200	Orderriamber.		Page 405

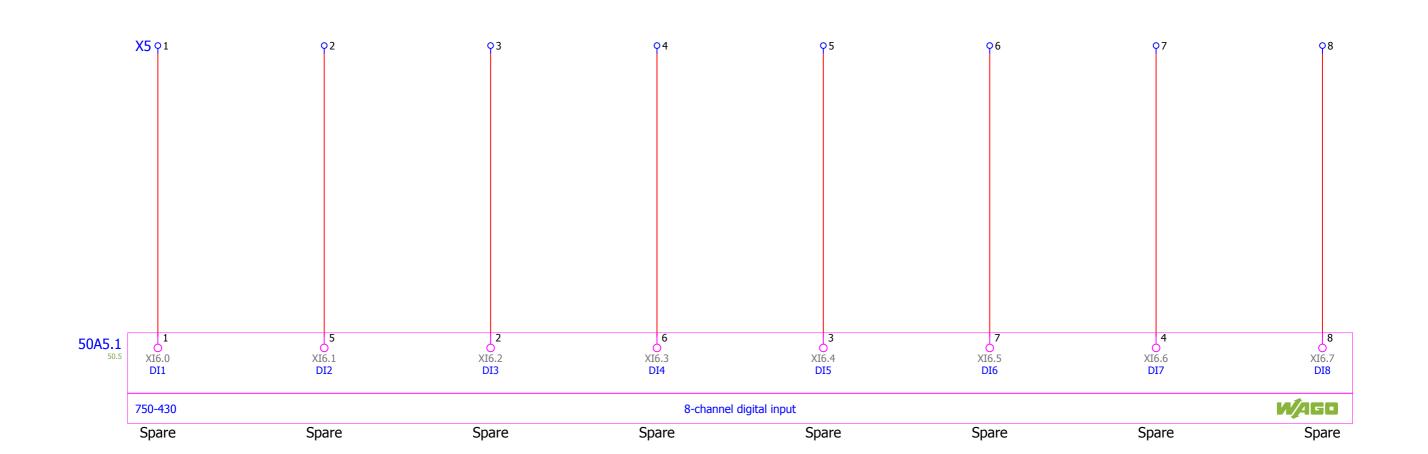


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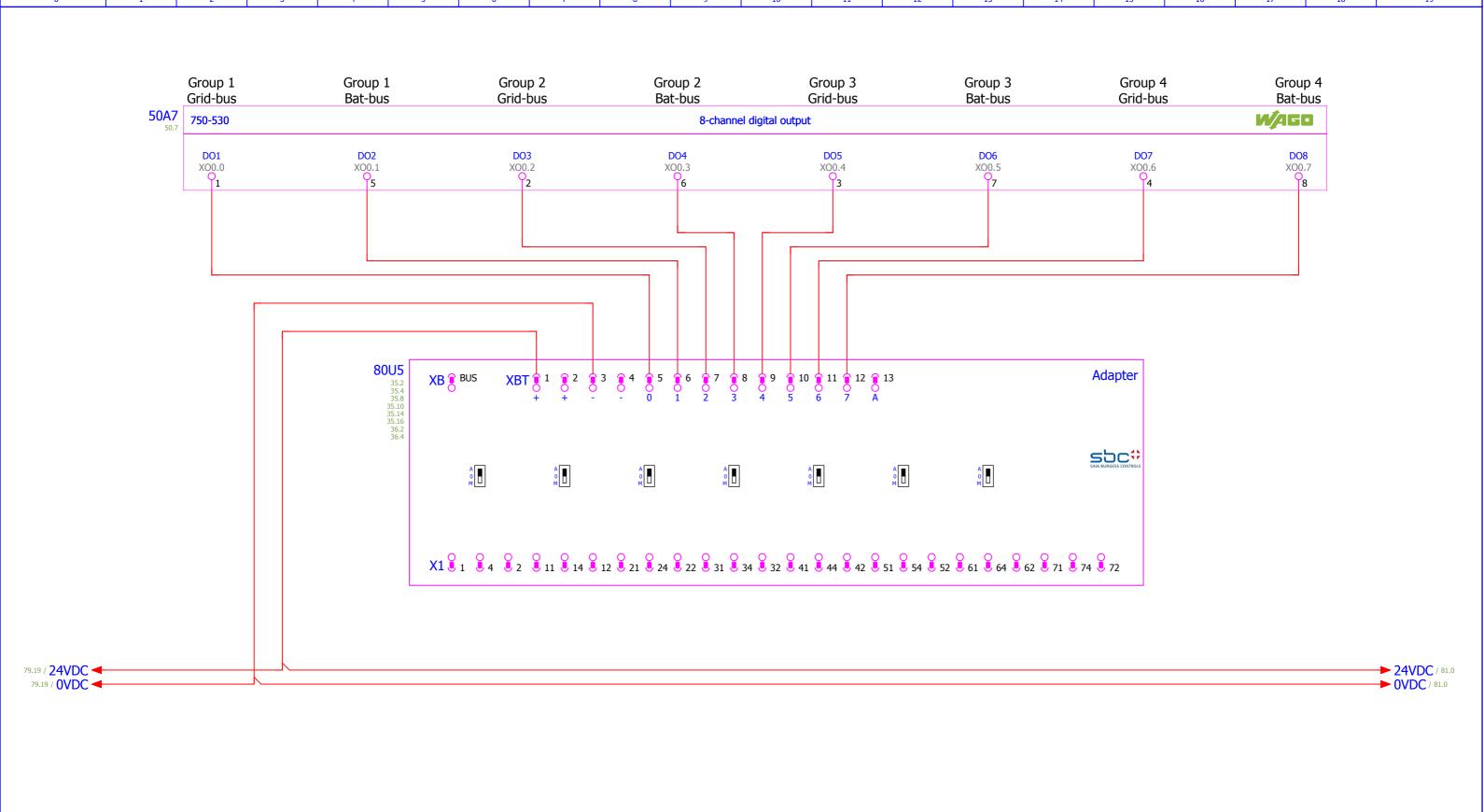


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			Appr		ACRRES		elektrotechniek	F: +31(0)172539536 F: +31(0)172539742	1 20 digital impats	059.9200	Ordernumber:		77 �� 79
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n	n e	039.9200	Ordernumber:		Page 405

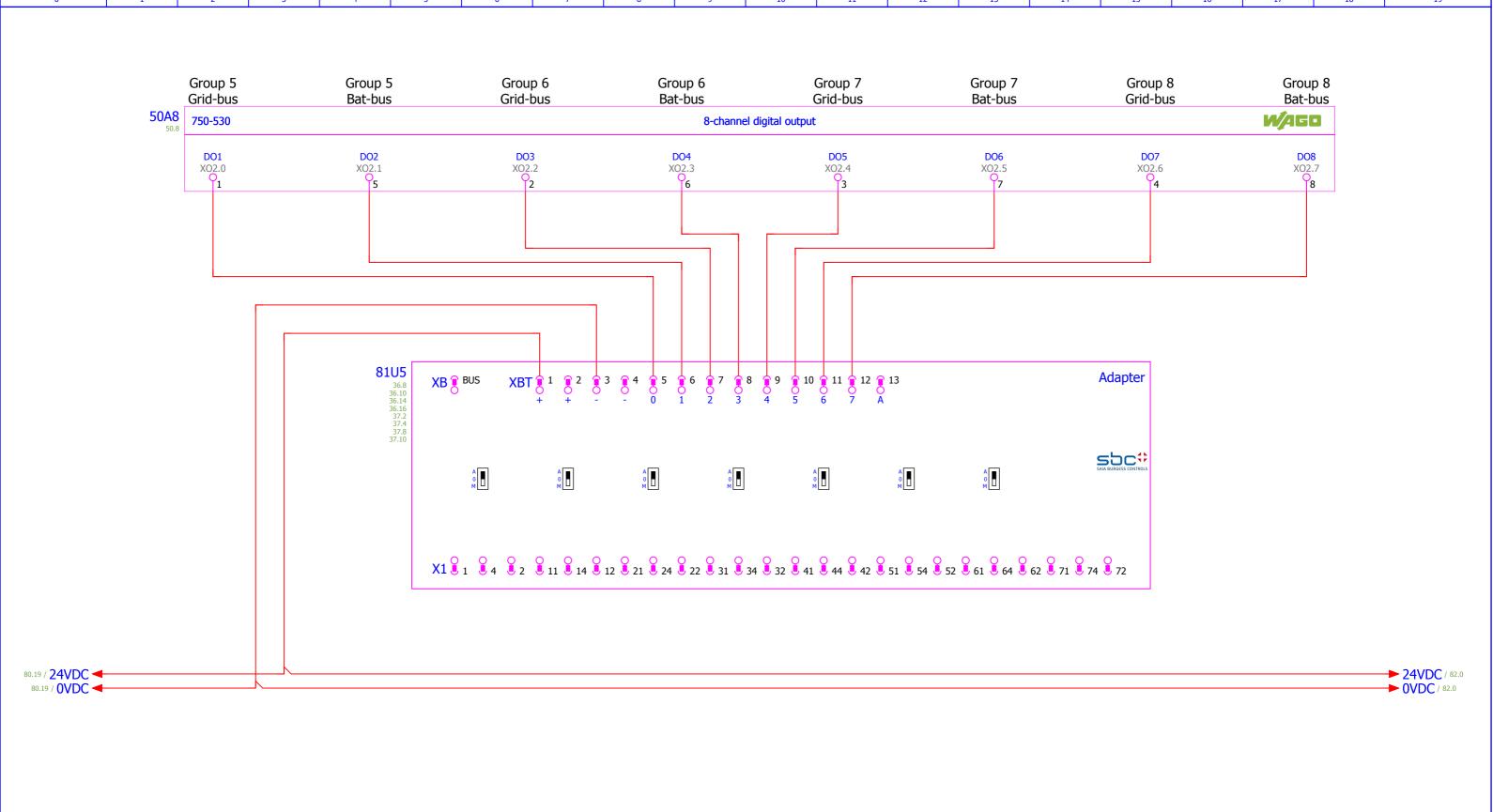




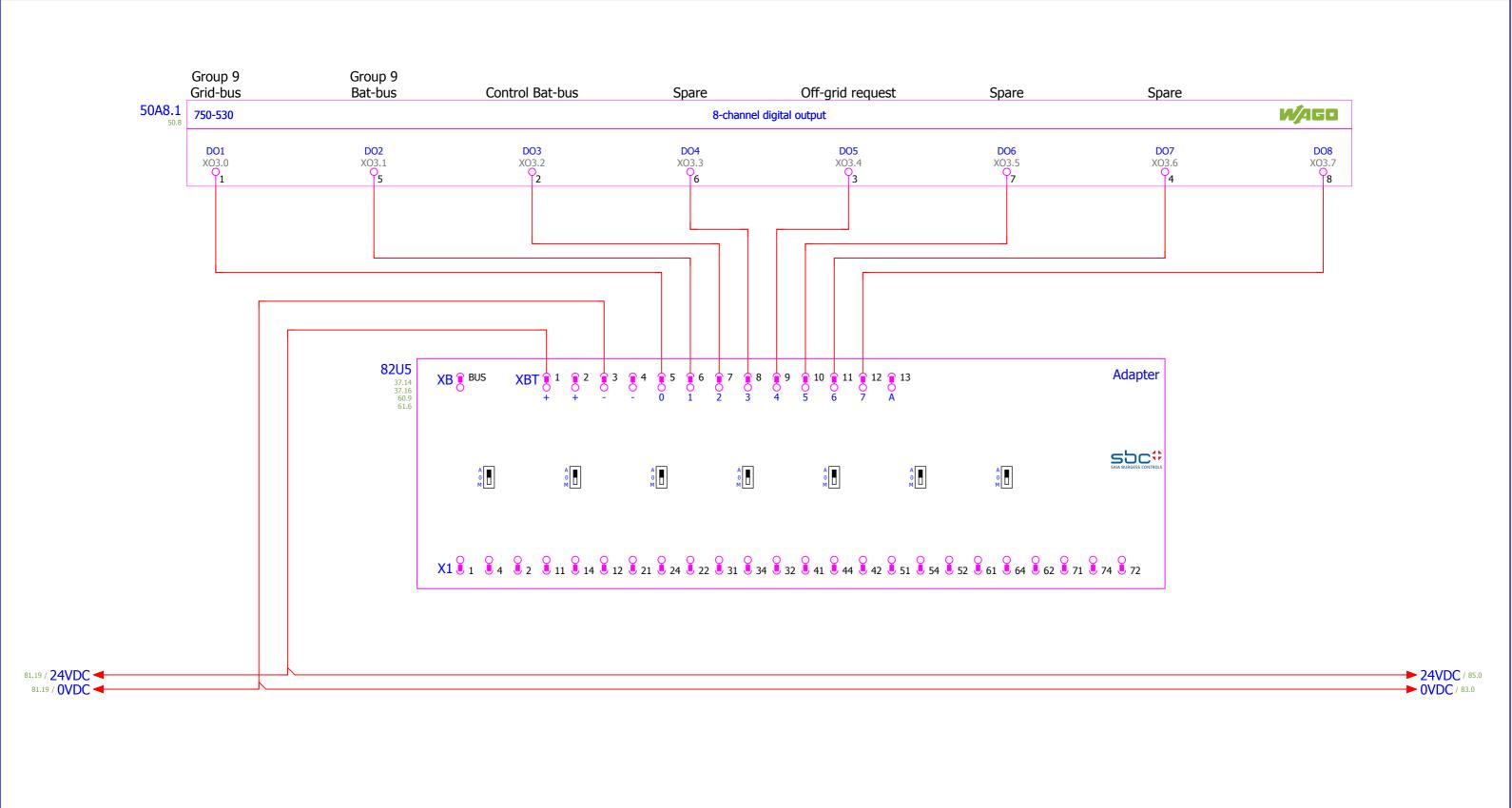
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			Ed.	eplan	ACDDEC		KONST	P: 2461 TV Ter Aar(NL)	PLC digital inputs			+	79
			Appr		ACRRES		elektrotechniek	F: +31(0)172539536	T 20 digital inputs	059.9200	Ordernumber:		78 �� 80
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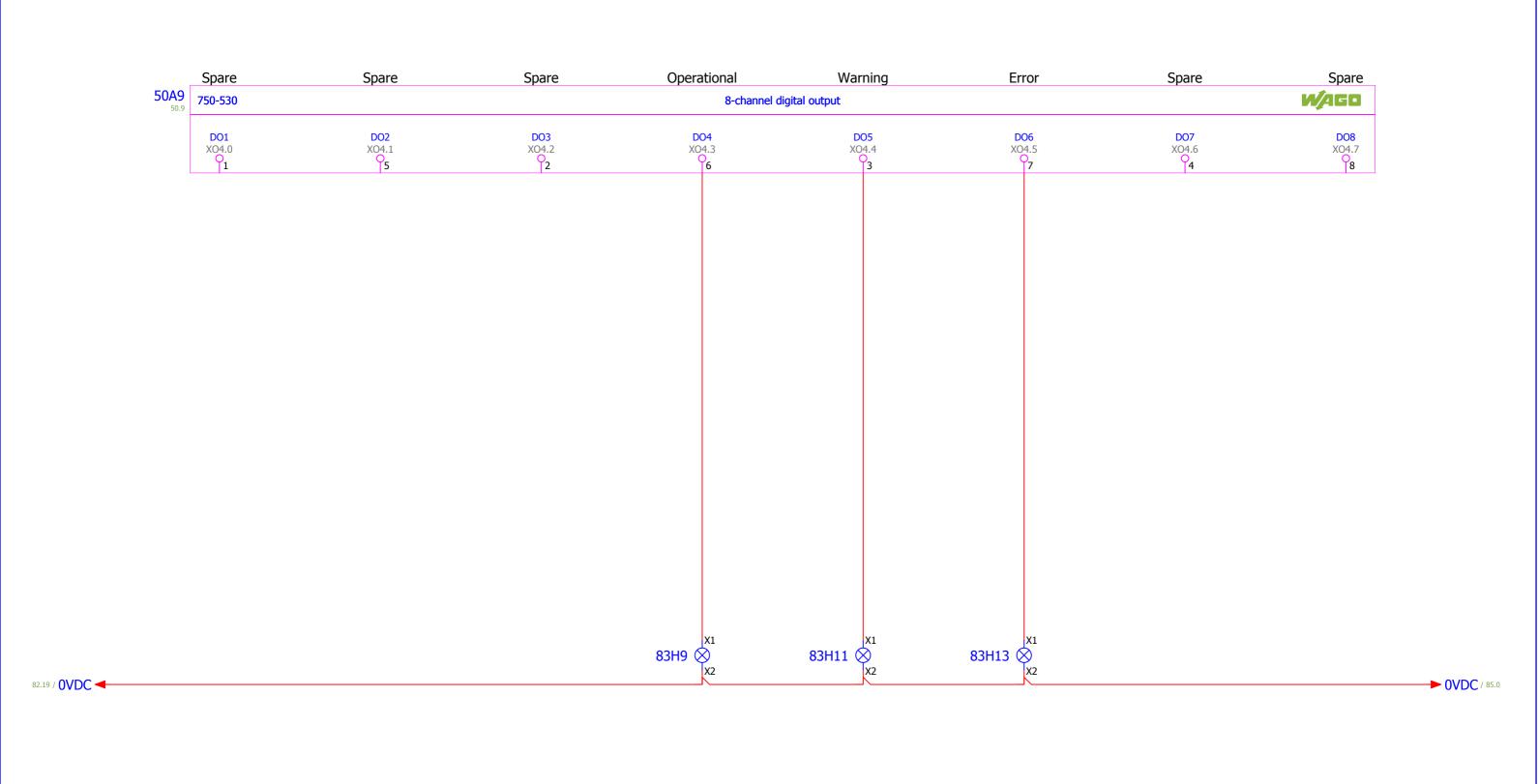
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			Appr		ACRRES		elektrotechniek	F: +31(0)172539536 F: +31(0)172539742	l Le digital odipus	059.9200	Ordernumber:		79 �� 81
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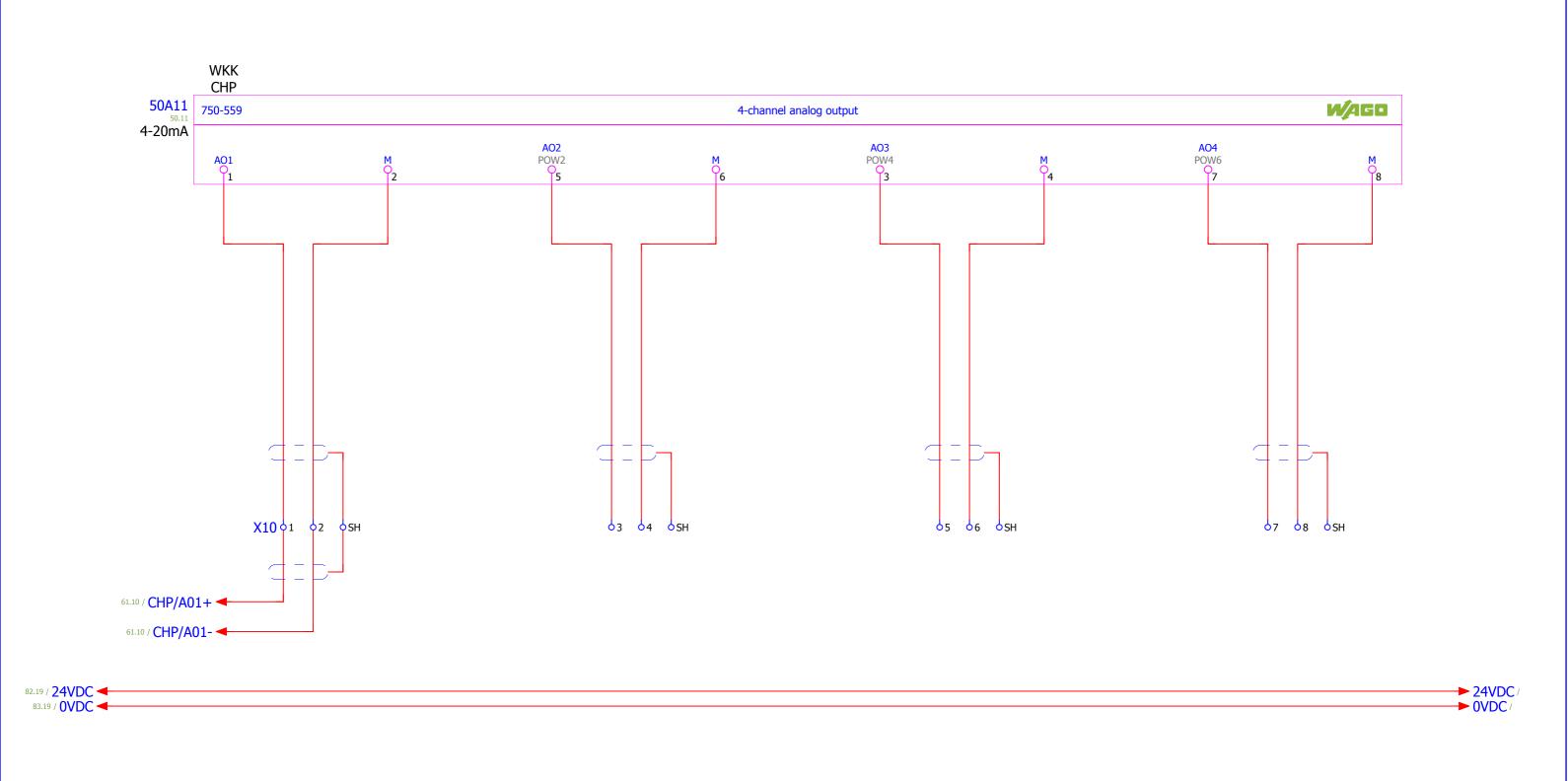
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			Ed.	eplan	ACRREC		KONST	P: 2461 TV Ter Aar(NL)	PLC digital outputs			+	81
			Appr		ACRRES		elektrotechniek	F: +31(0)1/2539536	l Lo digital odeputo	059.9200	Ordernumber:		80 �� 82
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n		039.9200	Ordernumber:		Page 405



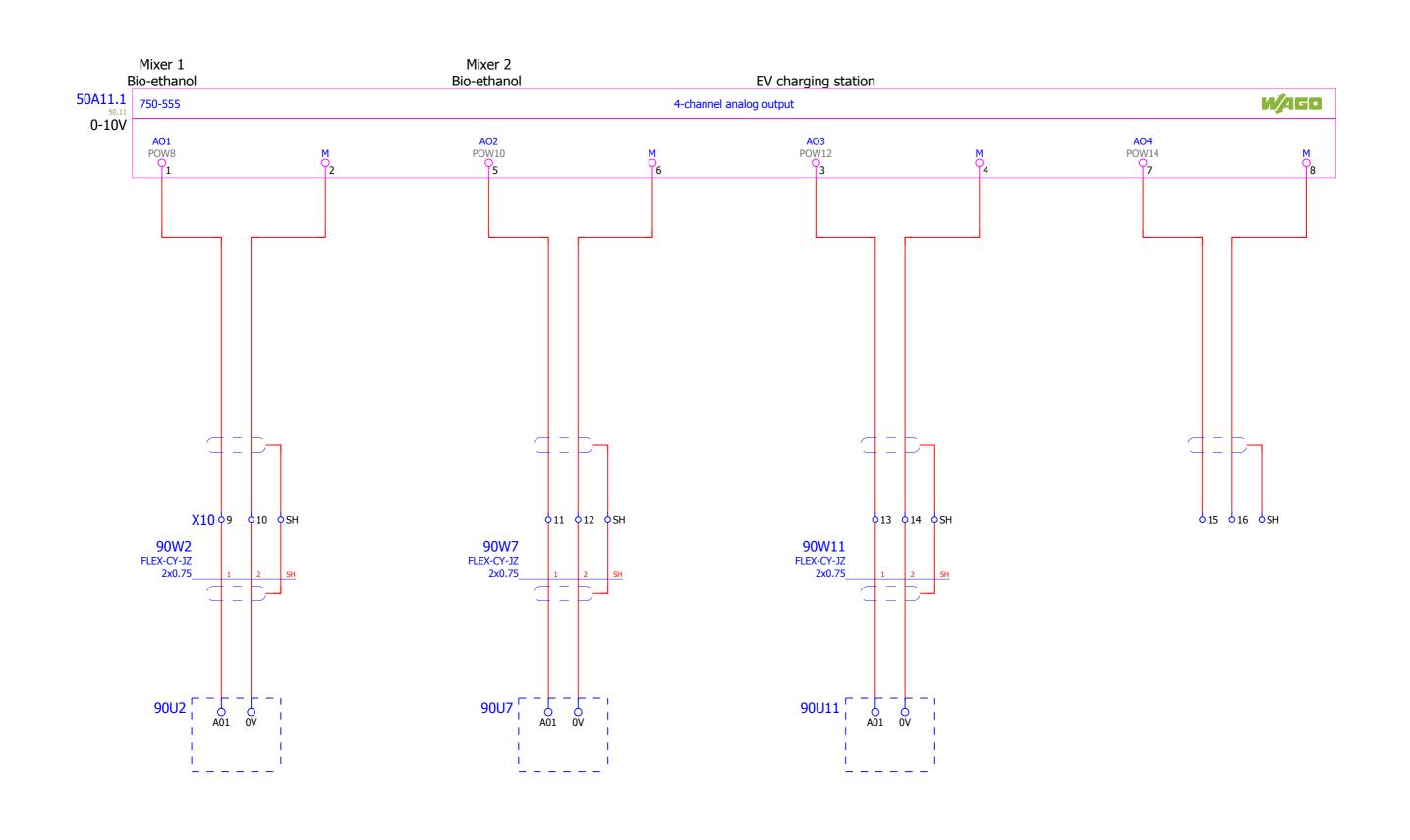
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			Ed.	eplan	ACDREC		KONST	1 P: 2461 IV Ter Aar(NL)	PLC digital outputs			+	82
			Appr		ACRRES		elektrotechniek	F: +31(0)1/2539536	Teo digital outputs	059.9200	Ordernumber:		81 �� 83
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n		039.9200	Ordernamber.		Page 405



			Date	29-5-2017	Wageningen UR			A: Reigersbos 1	Pilotcurrent 24Vdc	Schemenumber	0590080	=	Page
			Ed.	eplan	A CREE		<b>KONST</b>	P: 2461 TV Ter Aar(NL)	PLC digital outputs	- Contains of		+	83
			Appr		ACRRES		elektrotechniek	F: +31(0)172539536	1 20 digital outputs	059.9200	Ordernumber:		82 💠 85
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n.		037.7200	Ordernumber:		Page 405



			Date	29-5-2017	Wageningen UR		~	A: Reigersbos 1	Pilotcurrent 24Vdc	Schemenumber	0590080	=	Page
			Ed.	eplan			KONST	P: 2461 TV Ter Aar(NL	PLC analoge outputs 4-20mA			+	85
			Appr		ACRRES		elektrotechniek	F: +31(0)1/2539536 F: +31(0)172539742	The dridings outputs in 2011/11	059.9200	Ordernumber:		83 �� 90
Modification	Date	Name	Origina	l	Replaced by	Replaced by		E: info@konst-elektrotechniek.r	ni	039.9200	Ordernamber.		Page 405



			Date	29-5-2017	Wageningen UR			A: Reigersbos 1	Pilotcurrent 24Vdc	Schemenumber	0590080	=	Page
			Ed.	eplan				P: 2461 TV Ter Aar(NL)	DLC analogo outquita 0 10V			+	90
			Appr		ACRRES		elektrotechniek	T: +31(0)172539536 F: +31(0)172539742	le unaloge outputs o 101	059.9200	Ordernumber		85 �� 100
Modification	Date	Name	Original		Replaced by	Replaced by		E: info@konst-elektrotechniek.n		039.9200	Ordernumber:		Page 405

Device tag list device tag Quantity Type number designation manufacturer part number 50A2 8-channel digital input 750-430 **WAGO** 50A3 **WAGO** 8-channel digital input 750-430 1 **WAGO** 50A4 8-channel digital input 750-430 1 50A5 8-channel digital input 750-430 **WAGO** 1 50A5.1 8-channel digital input 750-430 **WAGO** 1 50A6 750-601 **WAGO** 1 **Power Supply** 50A7 4-conductor through terminal block 280-830 **WAGO** 280-830 1 **WAGO** 8-channel digital output 750-530 1 8-channel digital output 750-530 **WAGO** 50A8 1 4-conductor through terminal block 280-830 **WAGO** 280-830 1 750-530 **WAGO** 50A8.1 8-channel digital output 1 4-conductor through terminal block 280-830 **WAGO** 280-830 1 750-530 **WAGO** 50A9 1 8-channel digital output 280-830 **WAGO** 280-830 1 4-conductor through terminal block **Power Supply WAGO** 50A10 1 750-601 **WAGO** 50A11 1 4-channel analog output 750-559 750-555 **WAGO** 50A11.1 1 4-channel analog output 750-613 **WAGO** 51A1 1 System Power Supply **WAGO** 51A2 1 3-Phase Power Measurement 750-495/000-001 51A3 1 3-Phase Power Measurement 750-495/000-001 **WAGO** 750-495/000-001 **WAGO** 51A4 1 3-Phase Power Measurement **WAGO** 51A6 1 3-Phase Power Measurement 750-495/000-001 **WAGO** 51A7 1 3-Phase Power Measurement 750-495/000-001 **WAGO** 51A8 3-Phase Power Measurement 750-495/000-001 1 **WAGO** 51A10 3-Phase Power Measurement 750-495/000-001 1 51A11 **WAGO** 1 3-Phase Power Measurement 750-495/000-001 51A13 **WAGO** 1 3-Phase Power Measurement 750-495/000-001 51A14 **WAGO** 750-495/000-001 1 3-Phase Power Measurement Concept 2 **WAGO** 3-Phase Power Measurement 750-495/000-001 1 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) T: +31(0)172539536 F: +31(0)172539742 Page 100 29-5-2017 Device tag list: 50A2 - 51A15 Wageningen UR 0590080 Schemenumber .. KONST **ACRRES** Appr 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Device tag list device tag Quantity Type number manufacturer designation part number 11F13 NH isolator s.00, 160 A, 690 V, 60 mm box terminal SV.9343000 **RIT** 9343000 11F16 SV.9343000 **RIT** NH isolator s.00, 160 A, 690 V, 60 mm box terminal 9343000 1 SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F4 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F7 SV.3431030 **RIT** 3431030 1 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F10 1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F13 1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 12F16 1 SV.3431030 **RIT** 3431030 terminal outlet at top 1 SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box **RIT** 3431030 13F1 SV.3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 13F4 1 SV.3431030 **RIT** 3431030 terminal outlet at top 13F7 1 SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 13F10 1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 13F13 1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 13F16 **RIT** 3431030 1 SV.3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box **RIT** 14F1 SV.3431030 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 14F4 1 SV.3431030 **RIT** 3431030 terminal outlet at top SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box 15F1 1 SV.3431030 **RIT** 3431030 terminal outlet at top 15F5 1 SV NH Fuse-switch disconnectors, size 000 100A, 3-pole, Box SV.3431030 **RIT** 3431030 terminal outlet at top 20F6 Miniature circuit-breaker MOE 242986 1 Xpole -B6/3+N 1 Miniature circuit-breaker Xpole -B6/3+N MOE 242986 Concept 2 29-5-2017 A: Reigersbos 1 P: 2461 TV Ter Aar(NL Page 101 Device tag list: 11F13 - 20F10 Wageningen UR 0590080 Schemenumber **KÖNST ACRRES** T: +31(0)172539536 Appr F: +31(0)172539742 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Device tag list Quantity Type number device tag designation manufacturer part number 31F.1 GB2-CB07 **TEL** 0645176 GB2-CB07 Circuit breaker 2 Amp 31F3 Circuit breaker/groundfault detection 16Amp/30mA Alemat 16A\_B\_30mA ETI 3000503 1 31F7 Circuit breaker/groundfault detection6Amp/30mA Alemat 10A\_B\_30mA ETI 3000502 1 31F13 Circuit breaker/groundfault detection6Amp/30mA 3000502 Alemat 10A\_B\_30mA ETI 1 32F3 **MOE** 088913 Transformator beveiliging PKZM0-2,5T 1 32F10 **MOE** 263172 1 Miniature circuit-breaker Xpole -C10/1+N 34F5 MCB, C-Curve, 6A, 2p FAZ-C6/2 MOE 4488754 1 34F11 MCB, C-Curve, 6A, 2p FAZ-C6/2 **MOE** 4488754 1 **PXC** 3211861 40F2 1 Fuse modular terminal block PT 4-HESI (5X20) 40F12 Fuse modular terminal block **PXC** 3211861 1 PT 4-HESI (5X20) 2866763 32G9 Power supply unit QUINT-PS/ 1AC/24DC/10 **PXC** 1 33G2 Uninterruptible power supply QUINT-UPS/ 24DC/ 24DC/10/3.4AH **PXC** 2320267 1 SZ.2500460 2500460 30H13 1 Door-operated switch for LED system light **RIT** 1 Connection cable for LED system light SZ.2500400 **RIT** 2500400 LED system light 1 SZ.2500210 **RIT** 2500210 40H2 1 LED element, white, Front fixing, 85-264V AC M22-LED230-W **MOE** 216563 M22-L-W **MOE** 216771 1 Indicator light, flush, white M22-A **MOE** 216374 1 Mounting adaptor 216563 40H12 1 LED element, white, Front fixing, 85-264V AC M22-LED230-W MOE 1 Indicator light, flush, white M22-L-W MOE 216771 M22-A MOE 216374 1 Mounting adaptor 60H2 M22-CLED-G MOE 216571 1 LED element, green, Front fixing, Cage clamp M22-L-G MOE 216773 1 Indicator light, flush, green Mounting adaptor M22-A MOE 216374 1 83H9 M22-CLED-G **MOE** 216571 1 LED element, green, Front fixing, Cage clamp M22-L-G **MOE** 216773 1 Indicator light, flush, green M22-A MOE 216374 1 Mounting adaptor LED element, white, Front fixing, Cage clamp M22-CLED-W **MOE** 216569 1 M22-L-Y Indicator light, flush, yellow **MOE** 216774 1 Concept 2 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) T: +31(0)172539536 F: +31(0)172539742 29-5-2017 Page 102 Device tag list: 31F.1 - 83H11 Wageningen UR 0590080 Schemenumber KÖNST **ACRRES** Appr 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Device tag list Quantity Type number device tag designation manufacturer part number M22-A MOE 216374 Mounting adaptor LED element, red, Front fixing, Cage clamp M22-CLED-R 83H13 **MOE** 216570 1 M22-L-R Indicator light, flush, red **MOE** 216772 1 M22-A 216374 Mounting adaptor **MOE** 1 2903310 35K3 1 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 2903310 35K9 1 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 35K15 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 2903310 1 36K3 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 2903310 1 **PXC** 2903310 36K9 1 Relay Module RIF-2-RPT-LV-230AC/2X21 36K15 **PXC** 2903310 1 Relay Module RIF-2-RPT-LV-230AC/2X21 37K3 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 2903310 1 37K9 Relay Module RIF-2-RPT-LV-230AC/2X21 **PXC** 2903310 1 **PXC** 37K15 1 Relay Module RIF-2-RPT-LV-230AC/2X21 2903310 750-512 **WAGO** 50K6 1 2-channel digital output 60K1 1 Relay Module RIF-1-RPT-LDP-24DC/2X21 **PXC** 2903334 60K9 1 Relay Module RIF-1-RPT-LDP-24DC/2X21 **PXC** 2903334 404K17.21 0 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 2534295 10L1 1 10L2 1 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 2534295 10L3 1 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 2534295 Isolating amplifier **ABB** 2534295 10L4 1 CM-CT 400/5A stroomtrafo 10L5 **ABB** 2534295 1 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 2534295 10L6 1 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 10L7 Isolating amplifier CM-CT 400/5A stroomtrafo 2534295 1 **ABB** 11L2 Isolating amplifier CM-CT 400/5A stroomtrafo 2534295 1 11L3 **ABB** 2534295 1 Isolating amplifier CM-CT 400/5A stroomtrafo 11L4 **ABB** 2534295 1 Isolating amplifier CM-CT 400/5A stroomtrafo **ABB** 11L8 Isolating amplifier 2534294 1 CM-CT 300/5A stroomtrafo **ABB** 2534294 Concept 2 1 Isolating amplifier CM-CT 300/5A stroomtrafo A: Reigersbos 1 P: 2461 TV Ter Aar(NL) T: +31(0)172539536 F: +31(0)172539742 Page 103 29-5-2017 Device tag list: 83H11 - 11L9 Wageningen UR 0590080 Schemenumber KONST **ACRRES** Appr 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Device tag list Type number Quantity device tag designation manufacturer part number 11L10 Isolating amplifier CM-CT 300/5A stroomtrafo **ABB** 2534294 11L14 2534293 Isolating amplifier CM-CT 200/5A stroomtrafo **ABB** 1 11L15 Isolating amplifier CM-CT 200/5A stroomtrafo **ABB** 2534293 1 2534293 11L16 Isolating amplifier CM-CT 200/5A stroomtrafo **ABB** 1 **ABB** 2534293 12L2 Isolating amplifier CM-CT 200/5A stroomtrafo 1 **ABB** 2534293 12L3 1 Isolating amplifier CM-CT 200/5A stroomtrafo Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 12L4 1 12L8 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 1 2534291 12L9 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB ABB** 2534291 12L10 1 Isolating amplifier CM-CT 100/5A stroomtrafo 12L14 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 1 12L15 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 1 **ABB** 2534291 12L16 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 13L2 1 Isolating amplifier CM-CT 100/5A stroomtrafo 13L3 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 13L4 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 13L8 1 **ABB** 2534291 13L9 1 Isolating amplifier CM-CT 100/5A stroomtrafo 13L10 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 13L14 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 2534291 13L15 Isolating amplifier **ABB** 2534291 1 CM-CT 100/5A stroomtrafo 13L16 **ABB** 2534291 1 Isolating amplifier CM-CT 100/5A stroomtrafo 14L2 **ABB** 2534291 1 Isolating amplifier CM-CT 100/5A stroomtrafo **ABB** 14L3 Isolating amplifier CM-CT 100/5A stroomtrafo 2534291 1 **ABB** 14L4 Isolating amplifier CM-CT 100/5A stroomtrafo 2534291 1 30M16 SK.3239100 **RIT** 3239100 1 Filter fan SK.3239200 **RIT** 3239200 1 Outlet filter TS Bayed enclosure system, WHD: 1200x1800x500 mm, Sheet steel TS.8285500 **RIT** 8285500 1 Baying systems TS 8, whd 600x1800x500 mm TS.8685500 **RIT** 8685500 1 Concept 2 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) T: +31(0)172539536 F: +31(0)172539742 Page 104 29-5-2017 Device tag list: 11L10 - PANEEL Wageningen UR 0590080 Schemenumber **KÖNST ACRRES** Appr 059.9200 Ordernumber: Replaced by Modification Date Replaced by

Device tag list Type number device tag Quantity designation manufacturer part number Baying systems TS 8, whd 800x1800x500 mm TS.8885500 **RIT** 8885500 **RIT** 12 Flex-Block corner pieces, 200 mm for TS, TS IT, SE, PC TS.8200000 8200000 Flex-Block trim panels, 200 mm, sealed for Flex-Block corner pieces TS.8200120 **RIT** 8200120 2 TS.8200600 2 Flex-Block trim panels, 200 mm, sealed for Flex-Block corner pieces **RIT** 8200600 TS.8200800 2 Flex-Block trim panels, 200 mm, sealed for Flex-Block corner pieces **RIT** 8200800 TS.8200500 8200500 2 Flex-Block trim panels, 200 mm, sealed for Flex-Block corner pieces **RIT** DILM185-S/22(220-240V50/60HZ) MOE 274185 35Q1 1 Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3 35Q5 DILM185-S/22(220-240V50/60HZ) **MOE** 274185 1 Contactor, 3p+2N/O+2N/C, 90kW/400V/AC3 MOE 239578 35Q7 1 Contactor, 3p+2N/O+2N/C, 55kW/400V/AC3 DILM115-22(RAC240) 35Q11 **MOE** 239578 1 Contactor, 3p+2N/O+2N/C, 55kW/400V/AC3 DILM115-22(RAC240) 35Q13 **MOE** 239578 1 Contactor, 3p+2N/O+2N/C, 55kW/400V/AC3 DILM115-22(RAC240) 35Q17 **MOE** 239578 1 Contactor, 3p+2N/O+2N/C, 55kW/400V/AC3 DILM115-22(RAC240) 36Q1 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) **MOE** 109201 36Q5 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) **MOE** 109201 36Q7 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) **MOE** 109201 36Q11 1 DILM72(230V50/60HZ) **MOE** 109201 Contactor, 3p, 37kW/400V/AC3 36Q13 **MOE** 109201 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) 36Q17 **MOE** 109201 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) 37Q1 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) MOE 109201 37Q5 DILM72(230V50/60HZ) **MOE** 109201 1 Contactor, 3p, 37kW/400V/AC3 37Q7 MOE 109201 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) 37Q11 MOE 109201 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) 37Q13 MOE 109201 1 Contactor, 3p, 37kW/400V/AC3 DILM72(230V50/60HZ) 37Q17 DILM72(230V50/60HZ) **MOE** 109201 1 Contactor, 3p, 37kW/400V/AC3 RAIL1 8 RiLine60 busbar support 3-pole, interior attachment packs of 4 SV.9340000 **RIT** 9340000 SV.9340170 **RIT** 9340170 1 2 RiLine60 end cover for SV 9340.000/010 packs of 2 SV.9340070 **RIT** 9340070 3 **RIT** SV.3586005 3586005 SV Busbar E-Cu, WH: 30x10 mm, L: 2400 mm Concept 2 A: Reigersbos 1 P: 2461 TV Ter Aar(NL) Page 105 29-5-2017 Device tag list: PANEEL - RAIL1 0590080 Wageningen UR Schemenumber **KÖNST ACRRES** T: +31(0)172539536 Appr F: +31(0)172539742 059.9200 Ordernumber:

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Modification

#### Device tag list

device tag	Quantity	designation	Type number	manufacturer	part number
	1	Connection adaptor 800A, 690V 3-pole, outlet top/bottom, max. 300 mm <sup>2</sup>	SV.9342280	RIT	9342280
	1	SV Cover section, L: 1100 mm	SV.9340210	RIT	9340210
RAIL2	8	RiLine60 busbar support 3-pole, interior attachment packs of 4	SV.9340000	RIT	9340000
	1	Base tray	SV.9340170	RIT	9340170
	2	RiLine60 end cover for SV 9340.000/010 packs of 2	SV.9340070	RIT	9340070
	3	SV Busbar E-Cu, WH: 30x10 mm, L: 2400 mm	SV.3586005	RIT	3586005
	1	SV Circuit-breaker component adaptor, 400 A, 690 V, 3-pole, cable outlet top	SV.9345720	RIT	9345720
	1	SV Cover section, L: 1100 mm	SV.9340210	RIT	9340210
10S1	1	Circuit-breaker, 3p,400A	NZMN3-VE400	MOE	259132
31S16	1	Cabinet Thermostat	RIT.SK3110000	RITTAL	SK3110000
32T2	1	Isolating Transformer 0,63kVA	RSTN 630	RIED	0312-00000630
10U5	1	Switch-disconnector, 3p, 400A	N3-400	MOE	266019
	1	Remote operator, for size 3	NZM3-XR24-30DC	MOE	259854
38U2	1	Multifunctional power analyser with colour grafic LCD	UMG509	JAN	5226001
57U5	1	Siemens SIEM XB005 IE SWITCH 5 ports	S7	SIEMEN	6GK5005-0BA00-1AB2
80U5	1	Relay interface module for 8 transistor outputs, with LEDs	PCD2.K552	SBC	PCD2.K552
81U5	1	Relay interface module for 8 transistor outputs, with LEDs	PCD2.K552	SBC	PCD2.K552
82U5	1	Relay interface module for 8 transistor outputs, with LEDs	PCD2.K552	SBC	PCD2.K552

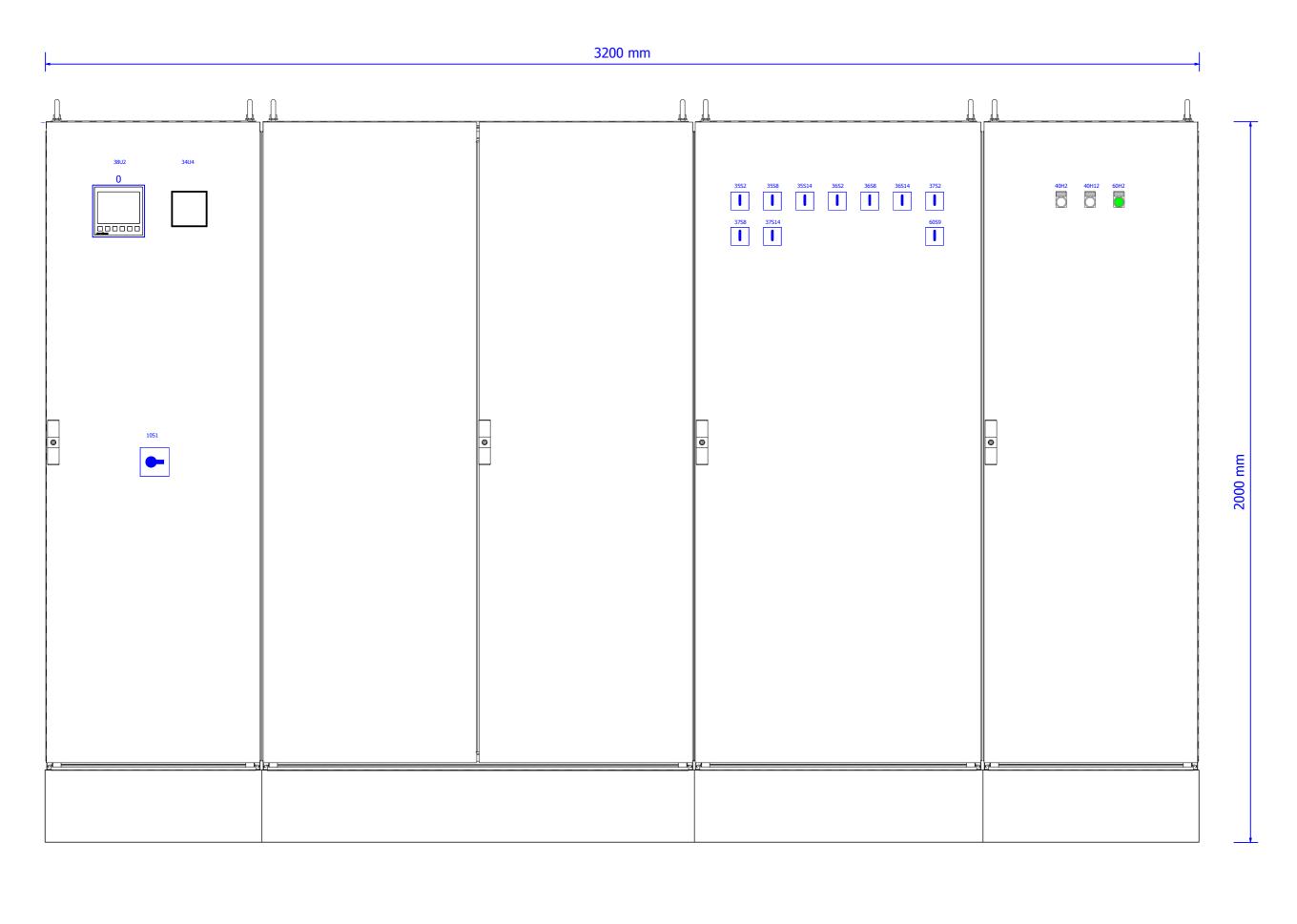
### Concept 2

			Date	29-5-2017	Wageningen UR	
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			Date	29-5-2017	Wageningen UR			A: Reigersbos 1	Panel layout	Schemenumber	0590080	=	] Page	3
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