

Customer	Rox Klimatechnik	End customer	Mc Donald´s DK - Syddjurs
Street	Langenbacher Str. 25	Street	
ZIP code / City	57586 Weiterfeld	ZIP code / City	
Phone	+49 2743 807 0	Phone	
Fax	+49 2743 807 153	Fax	
E-mail	info@rox-online.de	E-mail	
Project number	4571a	<u>Terminal strips</u>	<u>Wire colors</u>
Customer number	7474	X01 = in front of main switch	primary current
Commission	Mc Donald´s DK - Syddjurs	X1 = primary current	230V AC / 230V/0
Project description	ventilation	X2 = control unit 230V	24V AC / 24V/0
Created on	12.06.2025	X3 = low voltage	24V+ / 24V -
power supply	bottom	X4 = analog signals	external voltage
door hinges	left and right	X5 = signal exchange with external unit	DDC
Cabinet size		X6 = bus line	measuring line
		X7 = external voltage	neutral conductor
		X8 = ex area	others
Edit date	28.07.2025	<u>EN regulations</u>	<u>VDE</u>
by (short name)	D. Preuß	HD 60364	VDE 0100
Number of pages	56	EN 61439-1	VDE 0660
			<u>International IEC</u>
			IEC 60364
			IEC 61439-1
		Before commissioning:	
		Compare the circuit diagram with the data plates and on-site terminal markings,	
		as well as the setting values of the motor protection switches.	

pnlagenbezeichnung	component type	power in kW	electricity in A	voltage in V	rotation in U/min
supply air fan kitchen	GKHM 355-CII.118.6FF IE Gen3	2,77	7,25	400	3115
exhaust fan kitchen		0,90	1,50	400	1160
exhaust fan dishes		0,14	0,89	230	1338
heatpump 1 kitchen	DVM-S, AM040DXMDKG/EU	max 3,75	max 22,00	230	----
heatpump 2 kitchen	DVM-S, AM040DXMDKG/EU	max 3,75	max 22,00	230	----
supply air fan lobby	GKHM 355-CII.118.6FF IE Gen3	2,77	7,25	400	3115
exhaust fan lobby	GKHM 355-CII.118.6FF IE Gen3	2,77	7,25	400	3115
heatpump 1 lobby	DVM-S, AM040DXMDKG/EU	max 3,75	max 22,00	230	----
heatpump 2 lobby	DVM-S, AM040DXMDKG/EU	max 3,75	max 22,00	230	----
air cooling devices		max 23,00	max 60,00	230/400	----
others kitchen		2,00	4,00	400	
others lobby		2,00	4,00	400	
total		44,00	136,00	400	

table of contents

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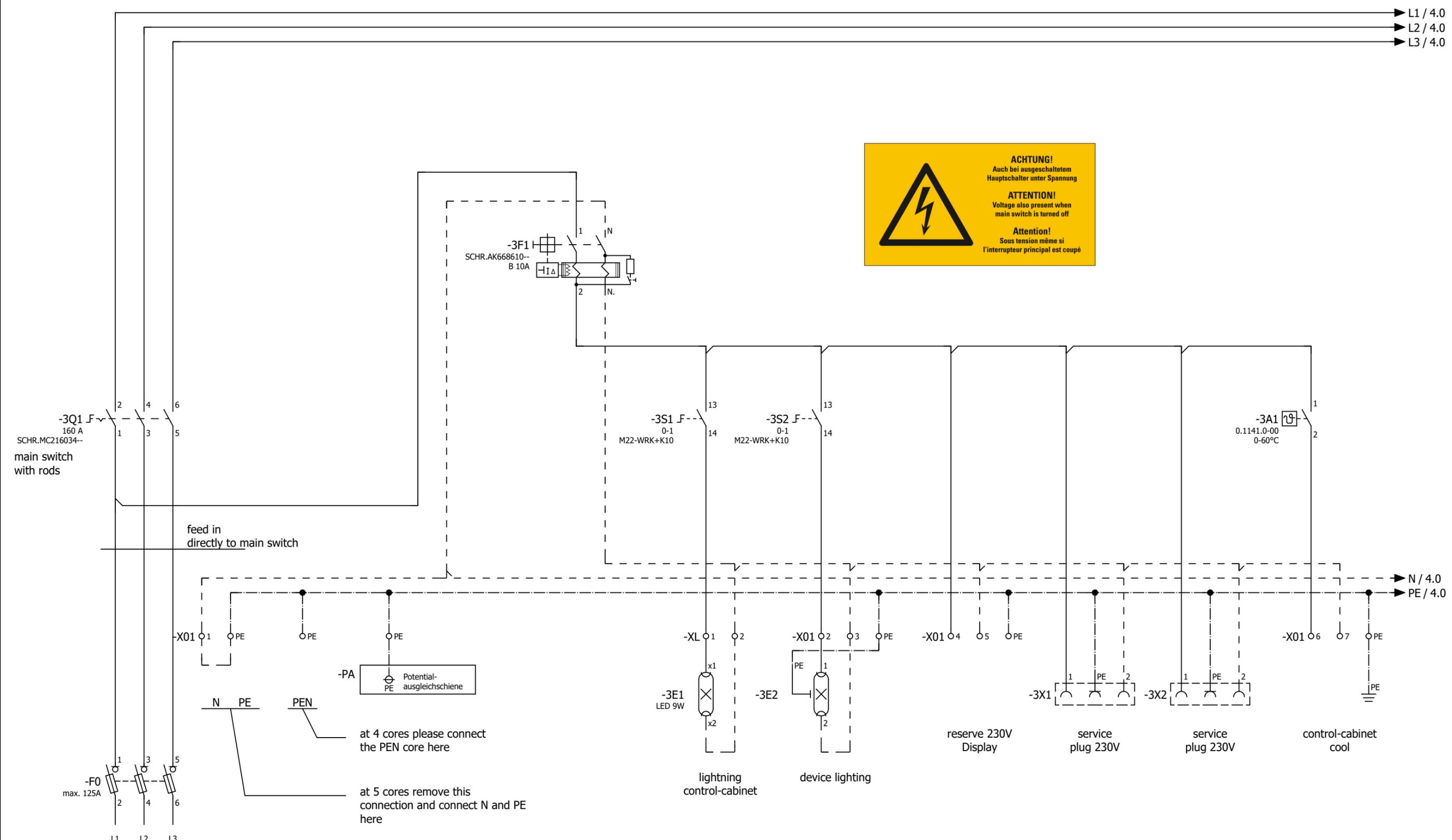
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=RLT_1/5	control voltage 230V AC and 24V DC		09.07.2025	julia.wagner	
=RLT_1/7	fault reset		09.07.2025	julia.wagner	
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=RLT_1/10	air handling unit kitchen		09.07.2025	julia.wagner	
=RLT_1/11	supply air fan kitchen		09.07.2025	julia.wagner	
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=RLT_1/19	antifreeze thermostat		09.07.2025	julia.wagner	
=RLT_1/20	heating pump heater valve kitchen		09.07.2025	julia.wagner	
=RLT_1/21	heatpump 1 kitchen		09.07.2025	julia.wagner	
=RLT_1/22	heatpump 2 kitchen		09.07.2025	julia.wagner	
=RLT_1/23	heatpump 1 kitchen indoor unit		09.07.2025	julia.wagner	
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=RLT_1/30	air handling unit lobby		09.07.2025	julia.wagner	
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=RLT_1/50	unit discription general		09.07.2025	julia.wagner	
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1a

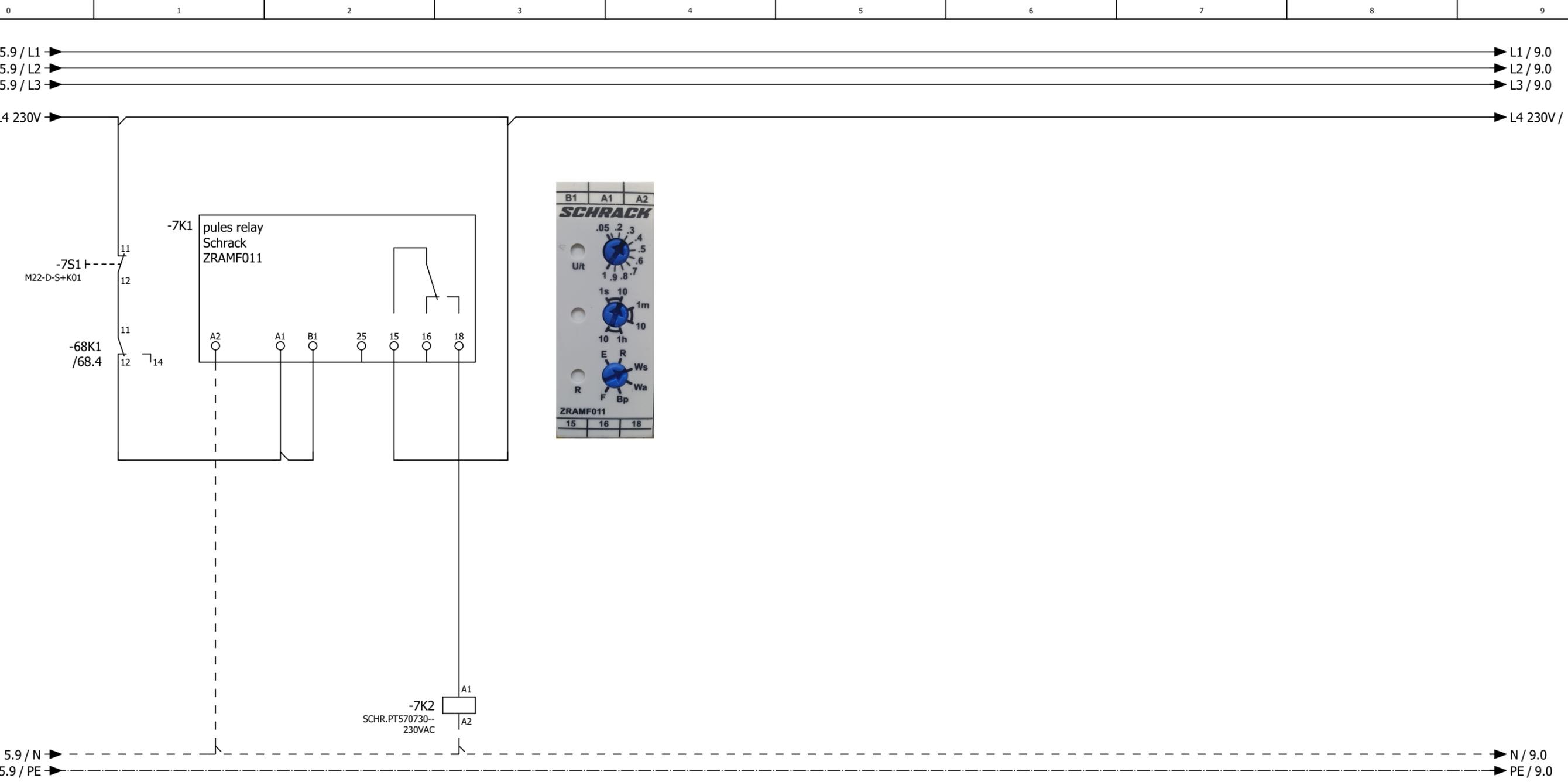
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			Bearb.	julia.wagner						
			Gepr	M. Wagner						
Änderung	Datum	Name	Urspr		Ersatz von					



P = ca. 44	kW
I = ca. 136	A
U = 400	V
F = 50	Hz

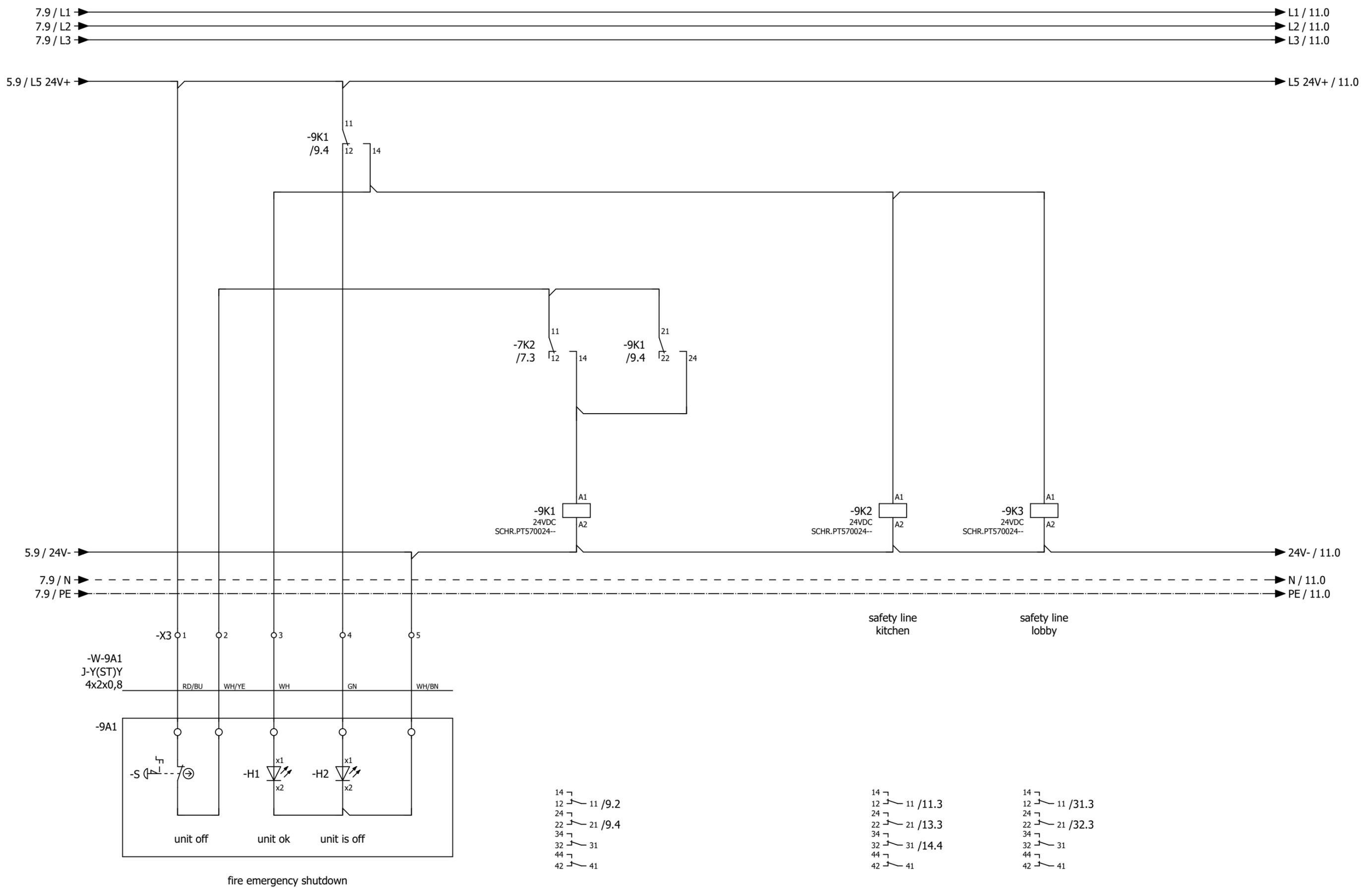
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- 14 ↗ 11 /9.4
- 12 ↗ 11 /9.4
- 24 ↗
- 22 ↗ 21 /19.4
- 34 ↗
- 32 ↗ 31
- 44 ↗
- 42 ↗ 41 /67.2

				Mc Donald´s DK - Syddjurs		fault reset		= RLT_1	
				ventilation				page 7	
				replaced by				page 8/ 56	
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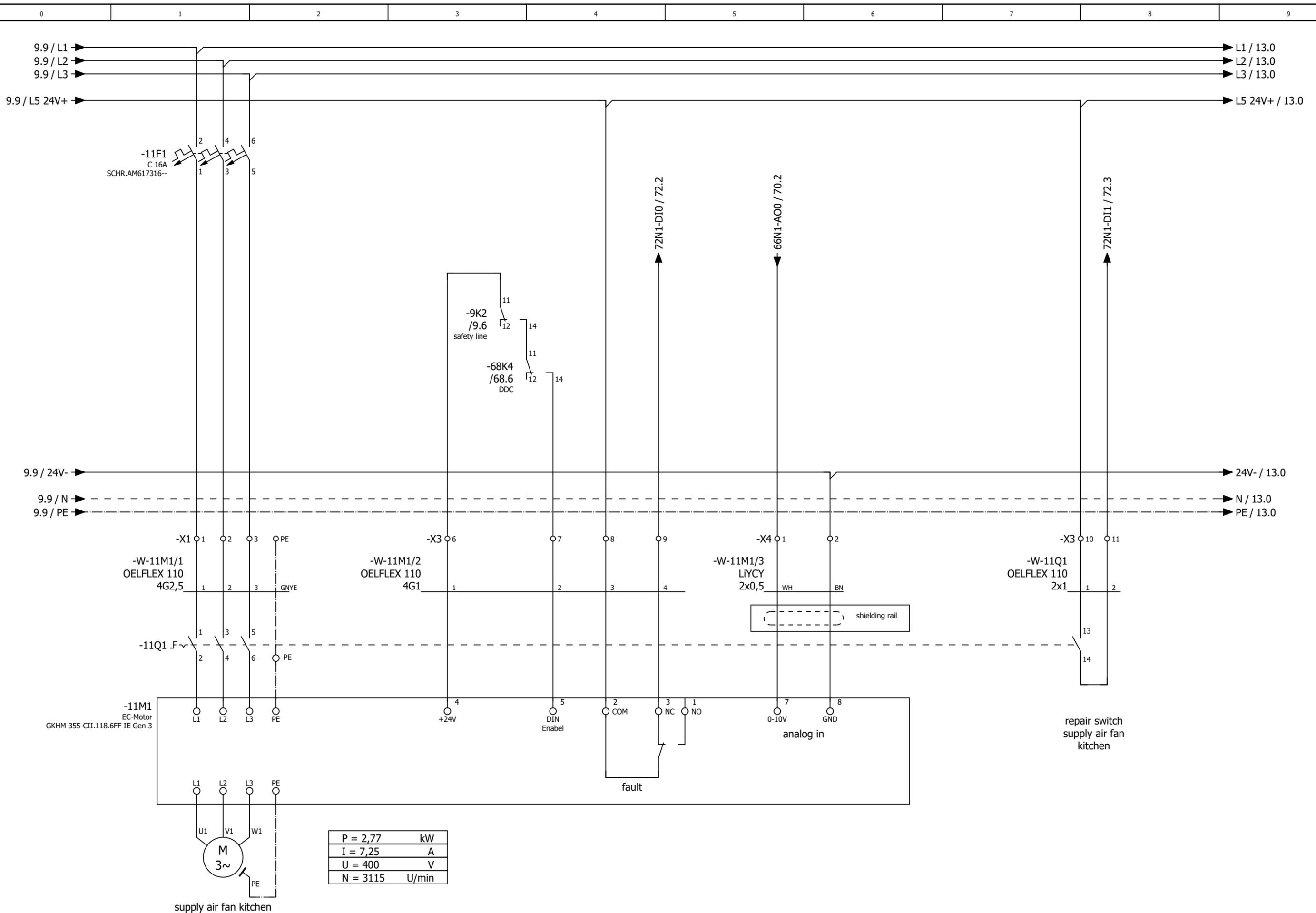


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AHU KITCHEN

				Mc Donald´s DK - Syddjurs			air handling unit kitchen		= RLT_1	page 10
				ventilation					+	page 10/ 56
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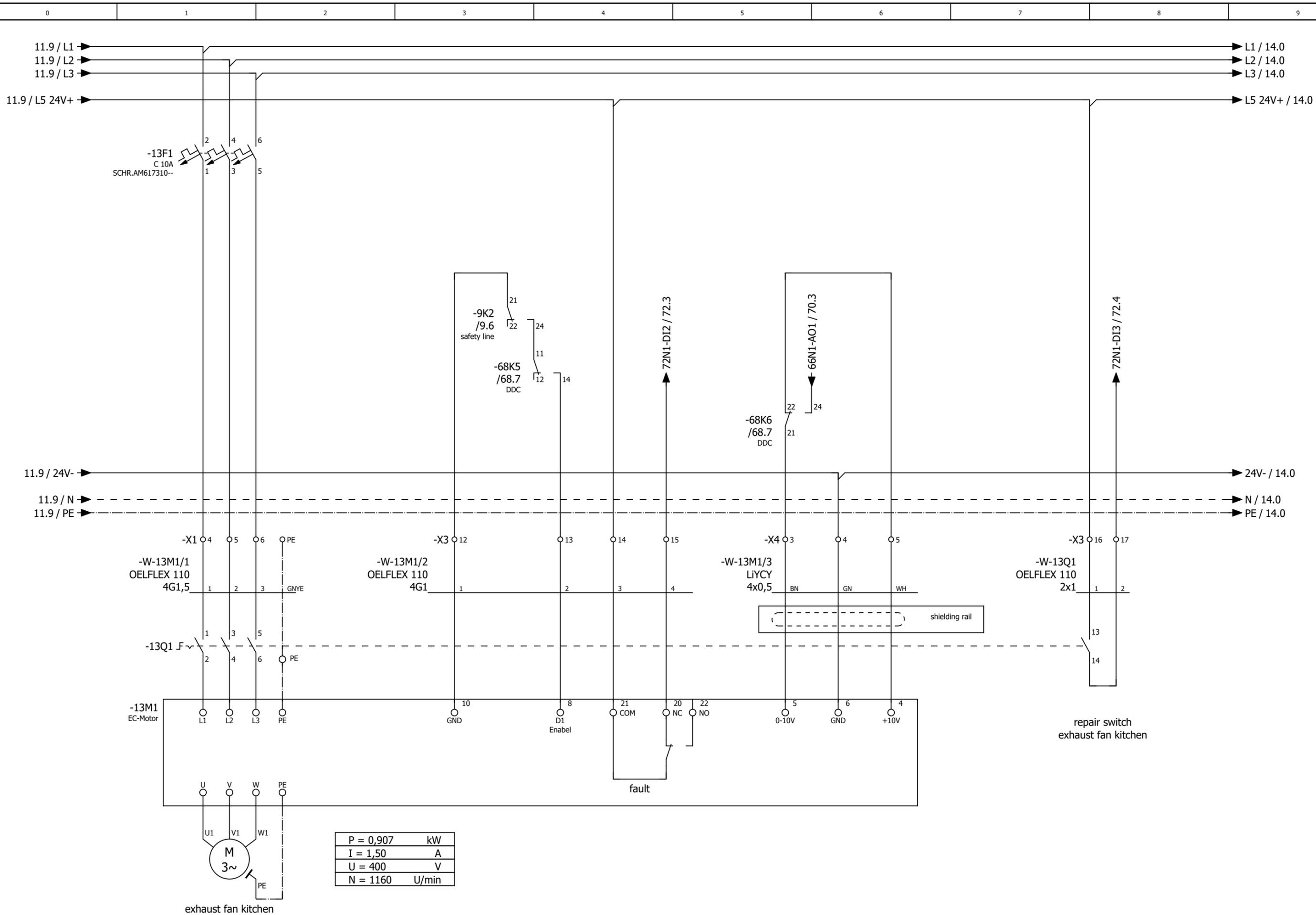


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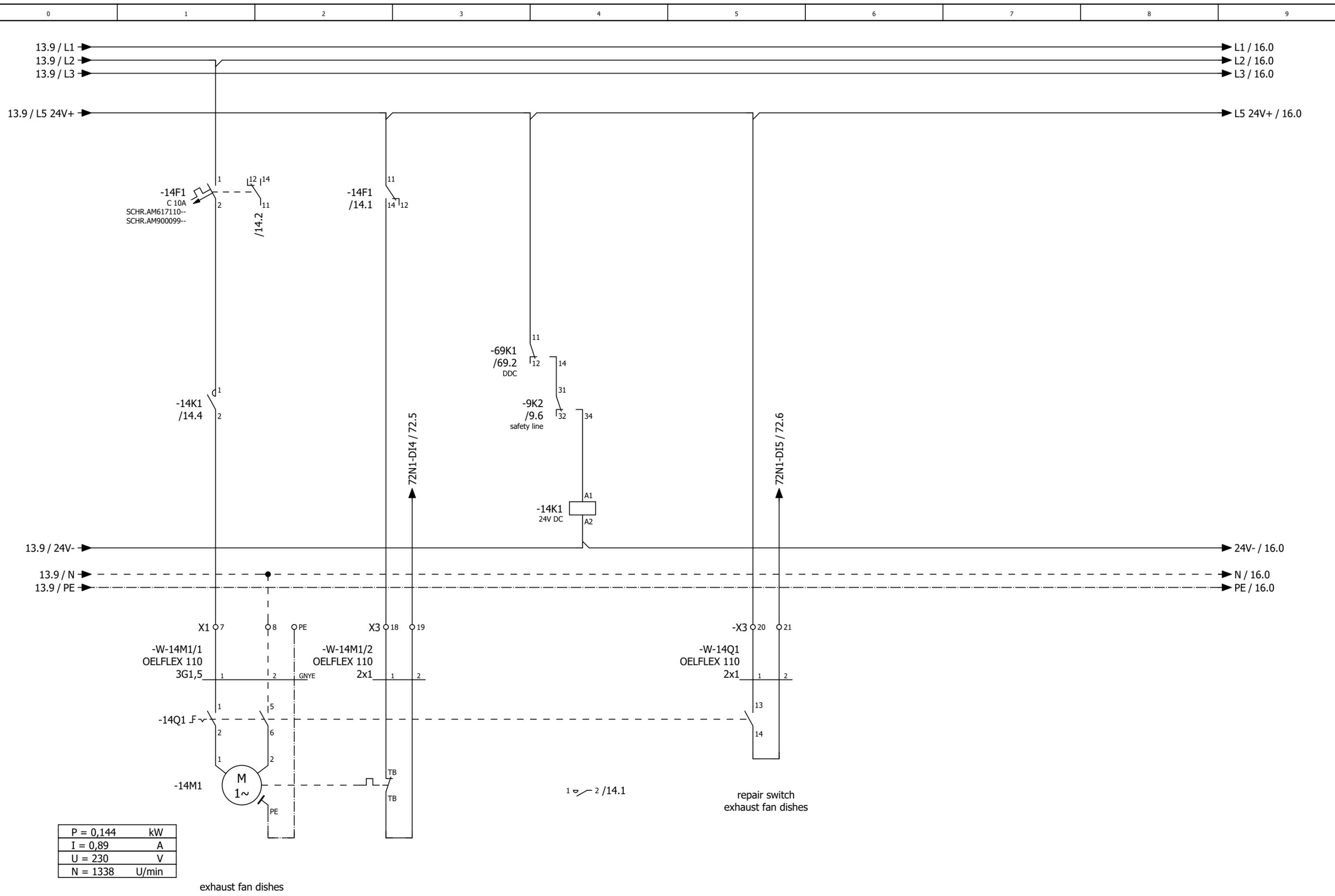
supply air fan kitchen

custom no: 7474 4571a

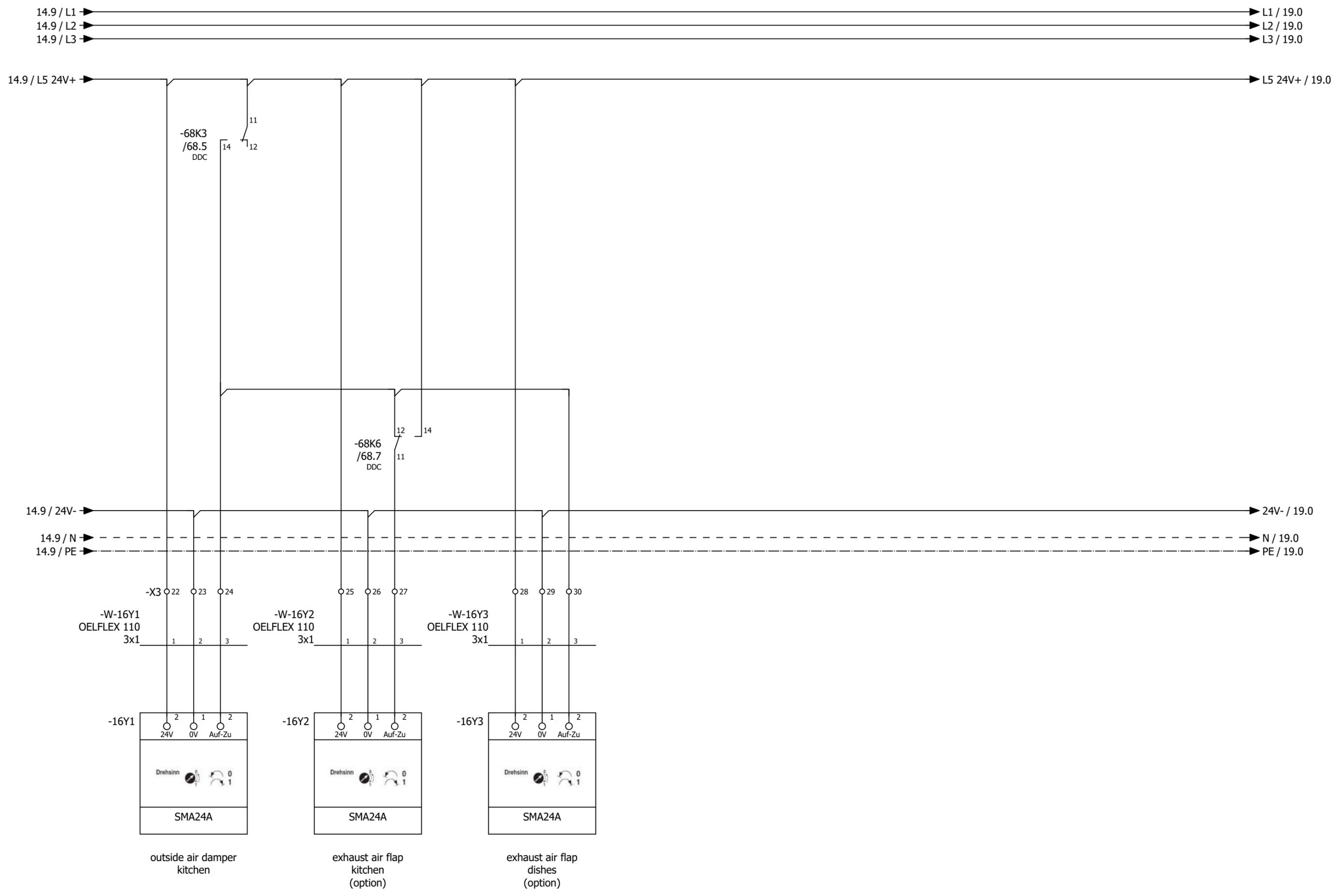


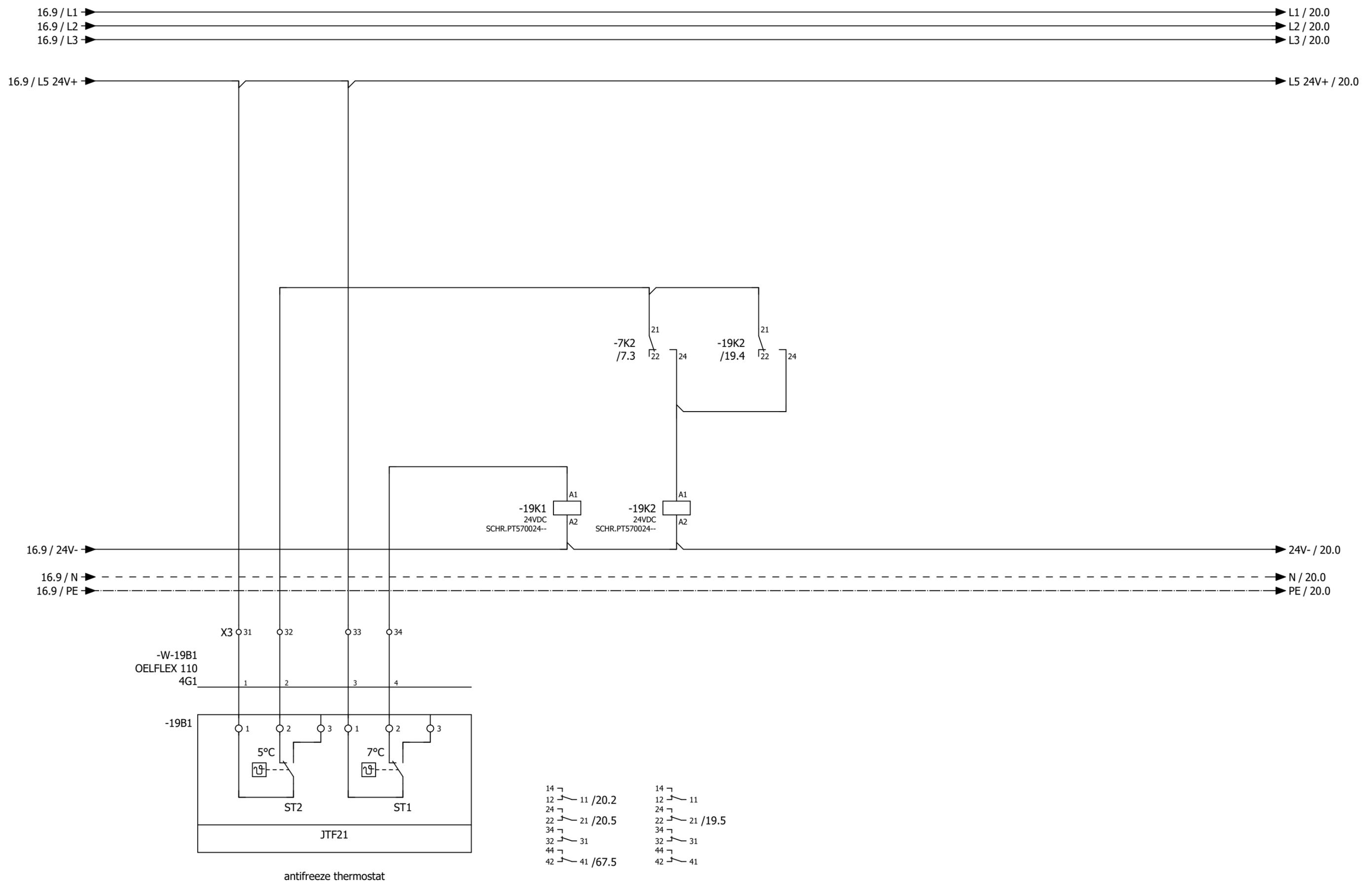
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change	date	name	origin					page 12/ 56	





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									page 13/ 56



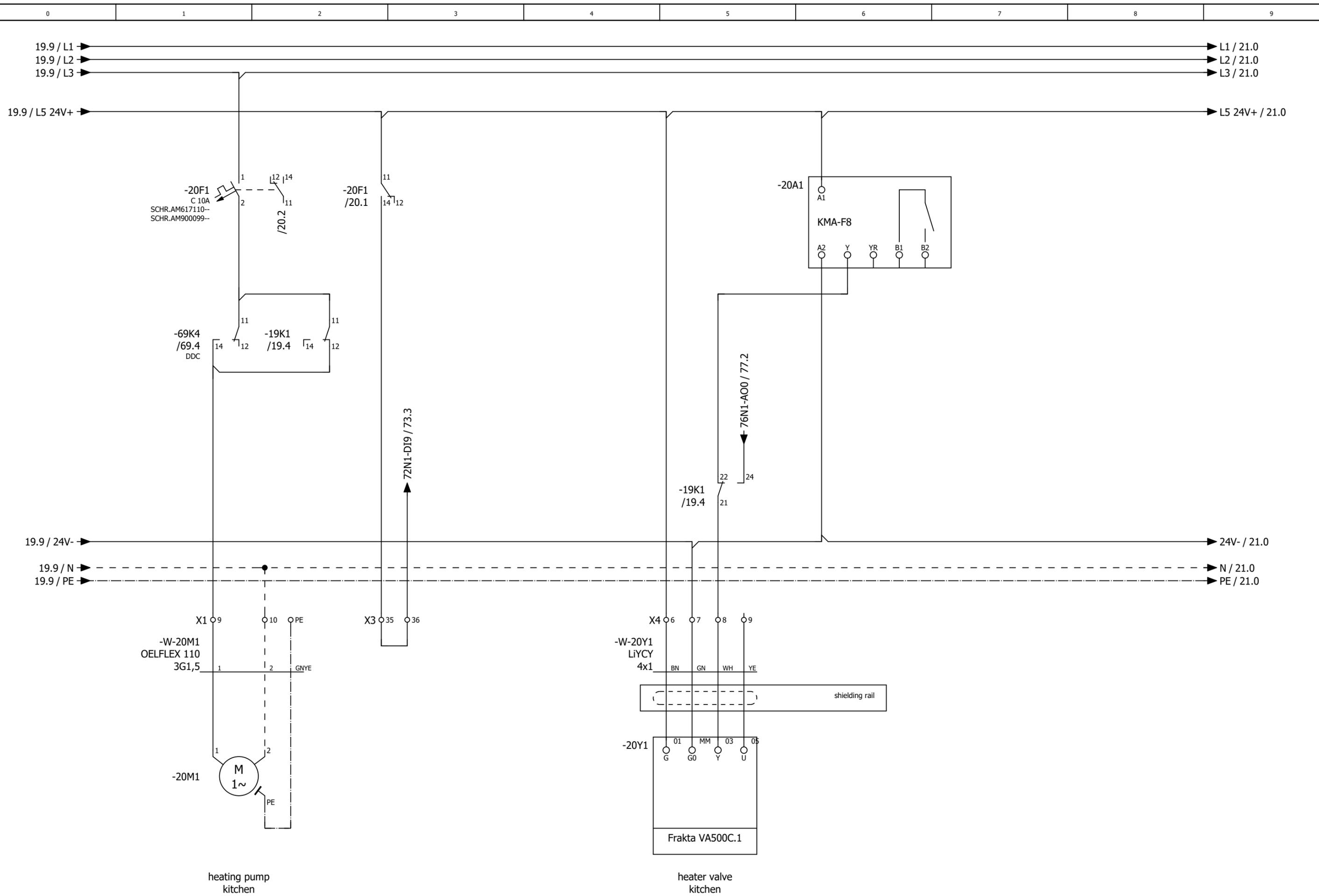


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antifreeze thermostat

custom no: 7474 4571a

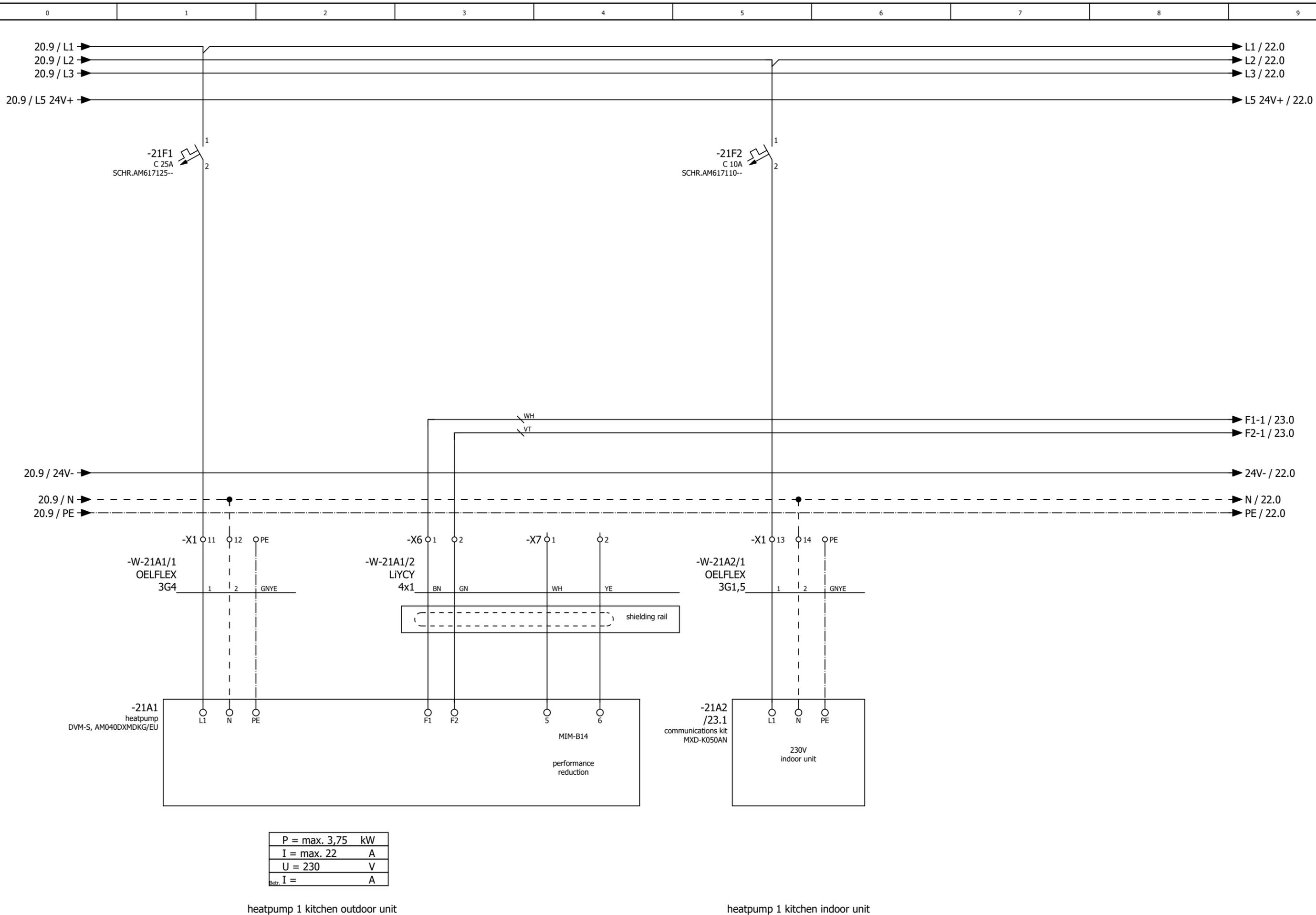


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								page 16/ 56	



heating pump
heater valve
kitchen

custom no: 7474 4571a



heatpump 1 kitchen outdoor unit

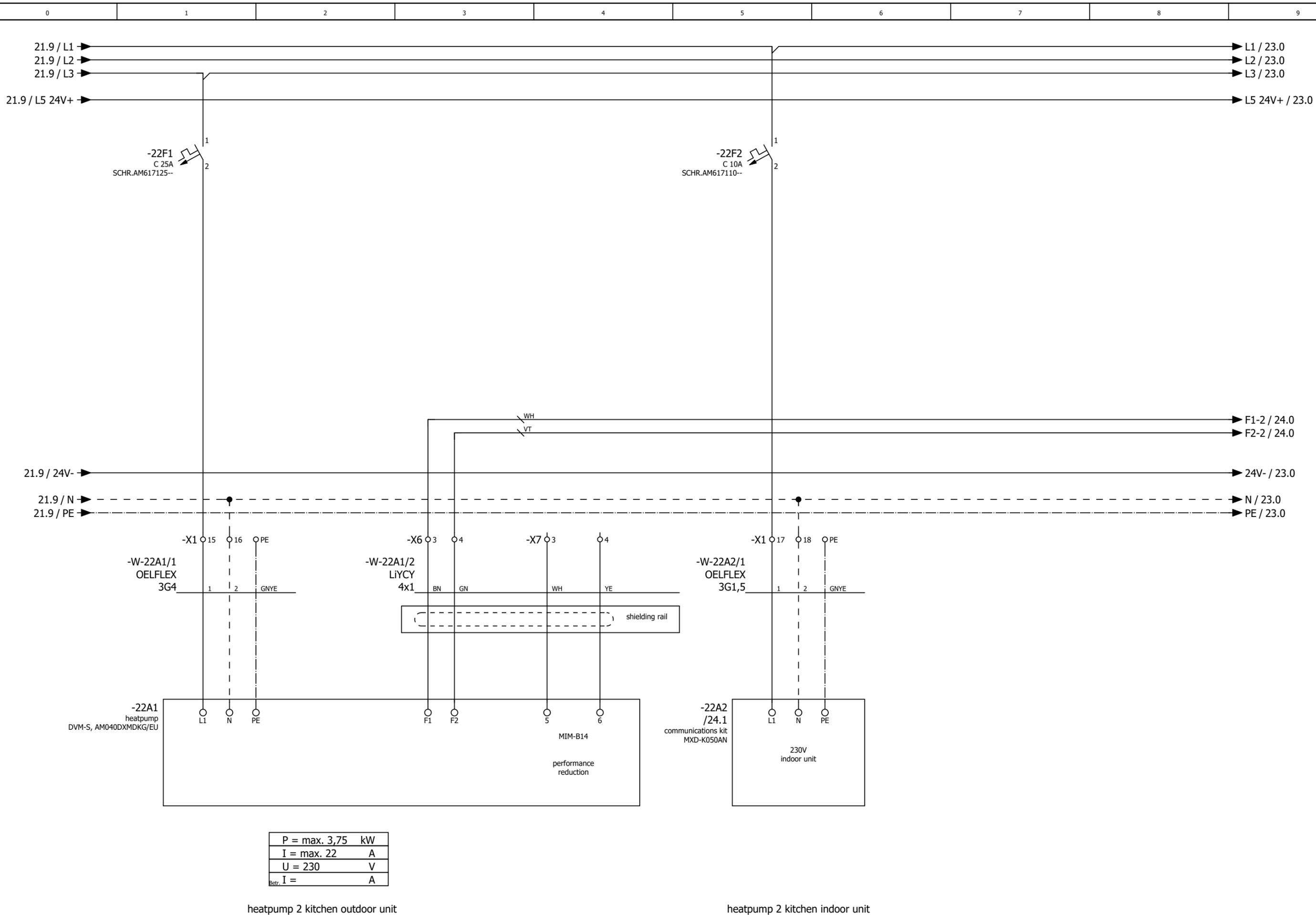
heatpump 1 kitchen indoor unit

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heatpump 1
kitchen

custom no: 7474 4571a



heatpump 2 kitchen outdoor unit

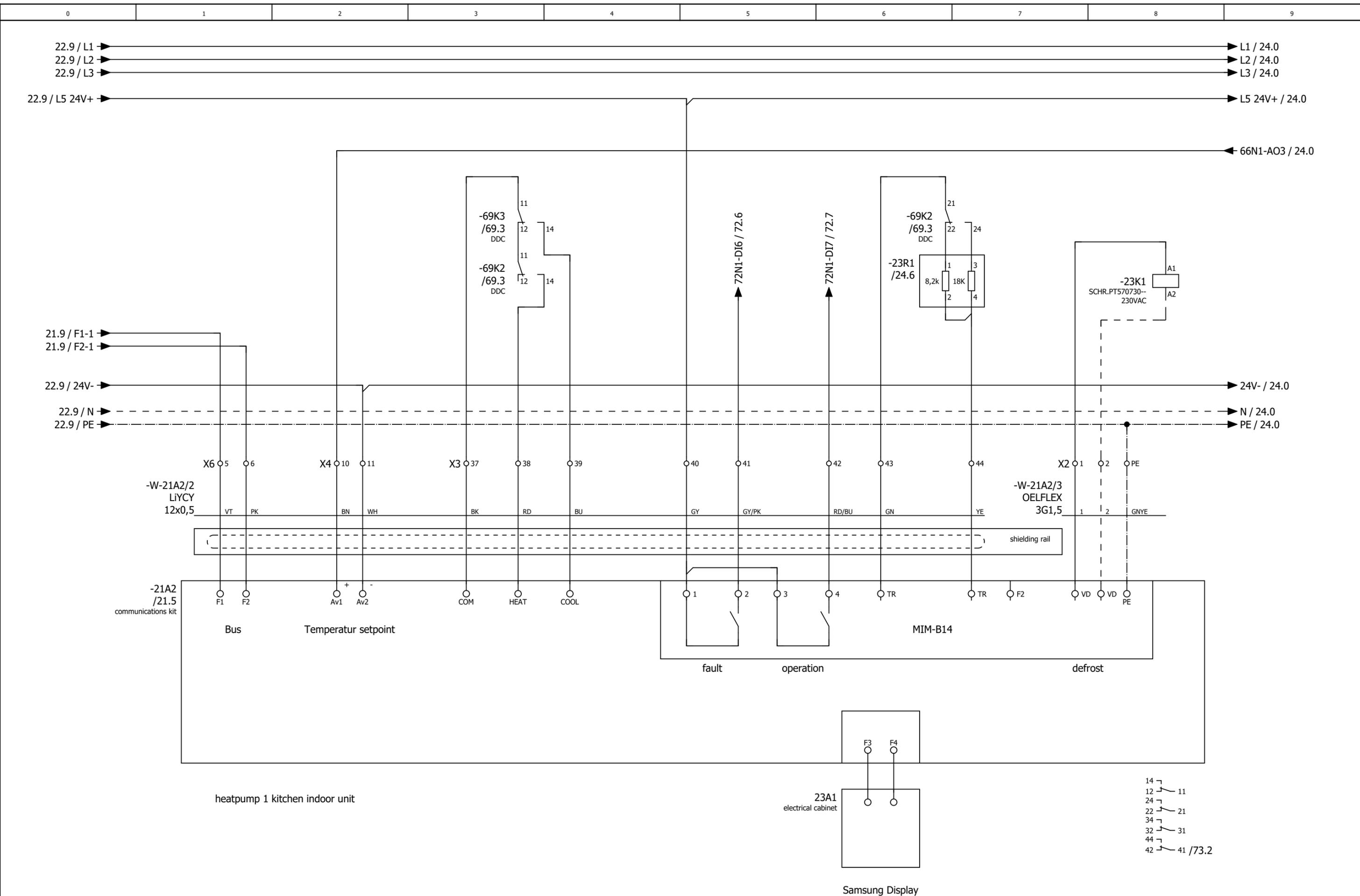
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heatpump 2
kitchen

custom no: 7474 4571a

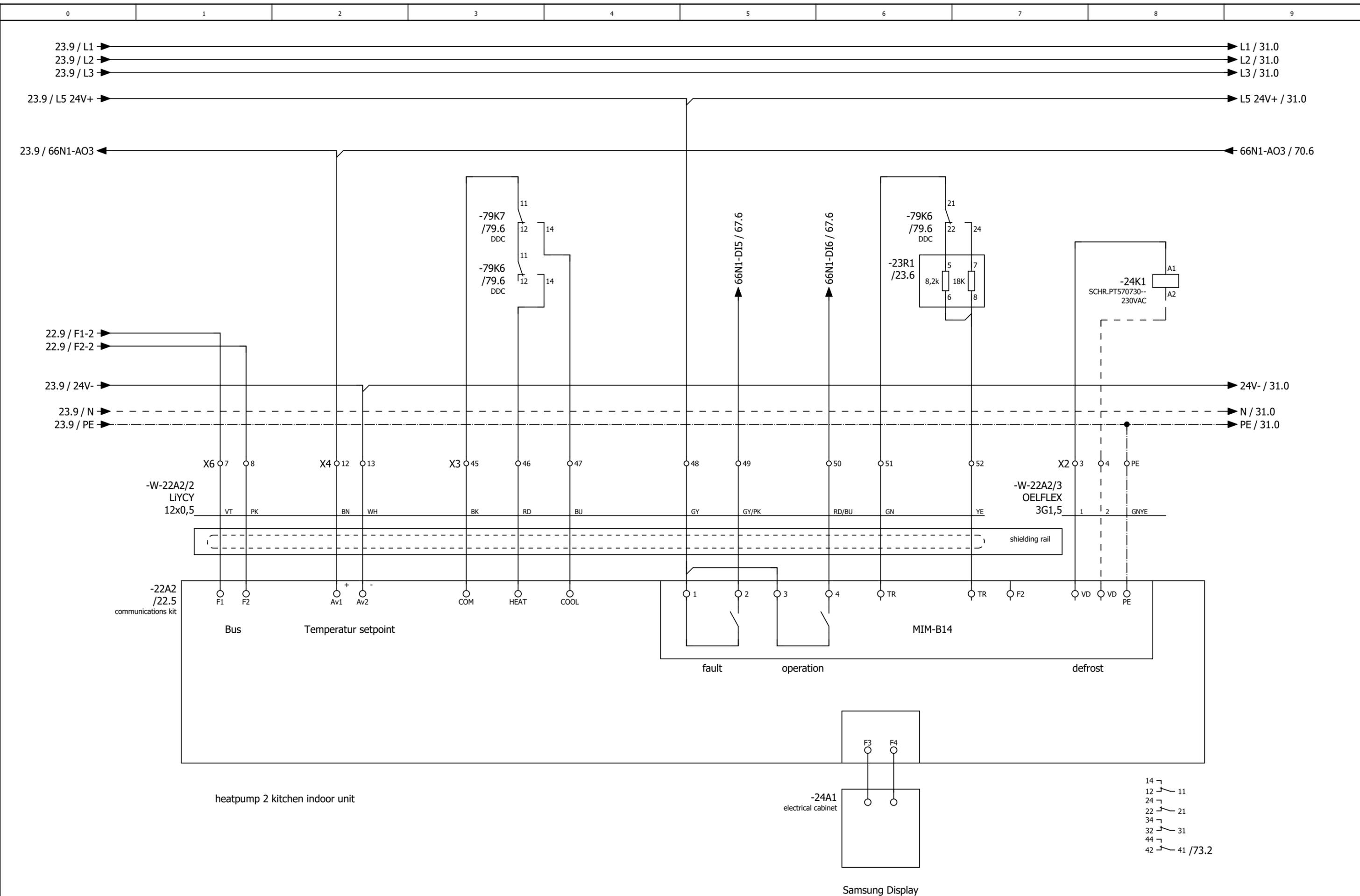


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heatpump 1
kitchen
indoor unit

4571a



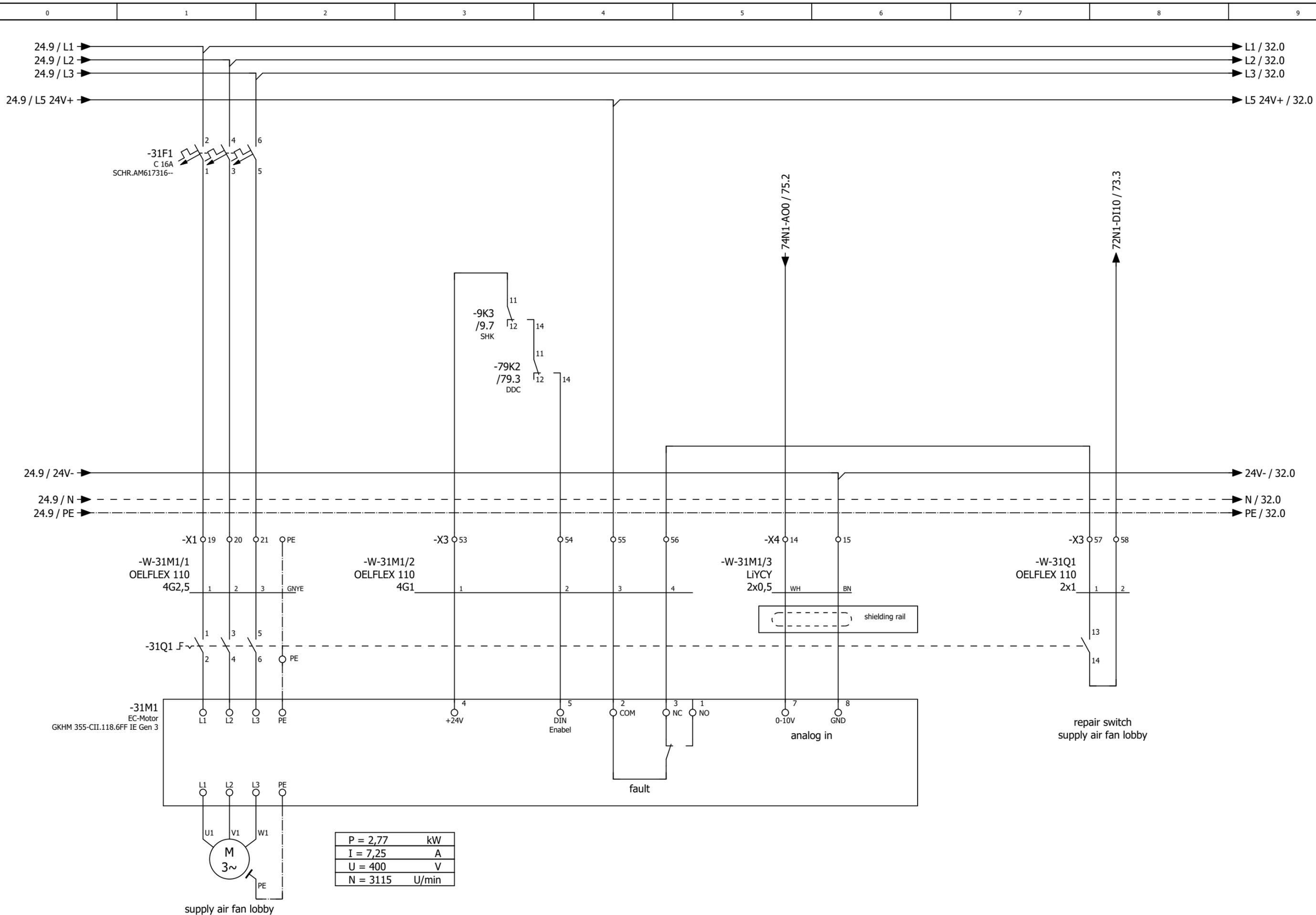
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								page 20/ 56	



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AHU LOBBY

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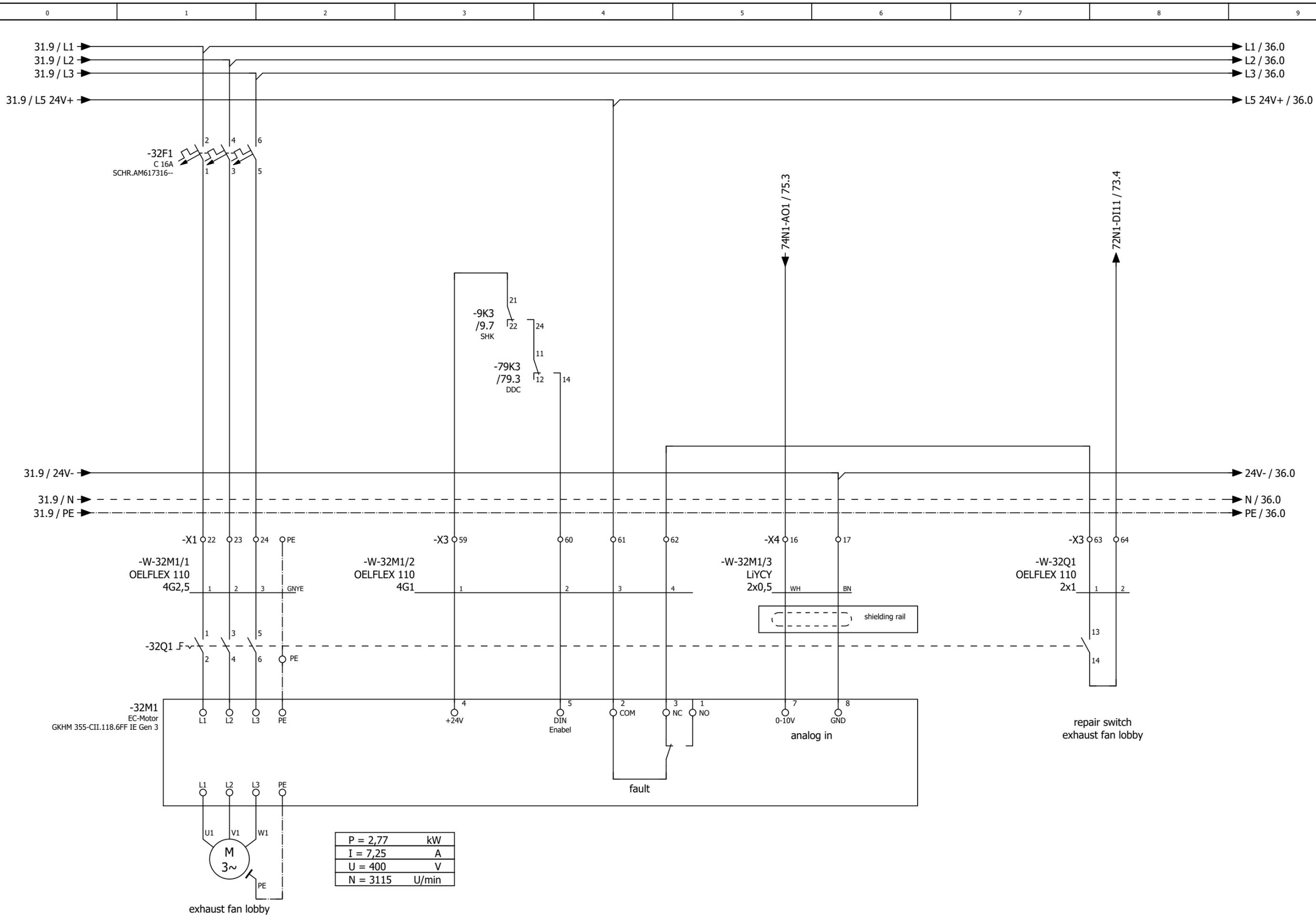
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Mc Donald's DK - Syddjurs	
ventilation	
replacement for	replaced by



supply air fan lobby

custom no: 7474	4571a	= RLT_1	page 31
		+	page 22/ 56



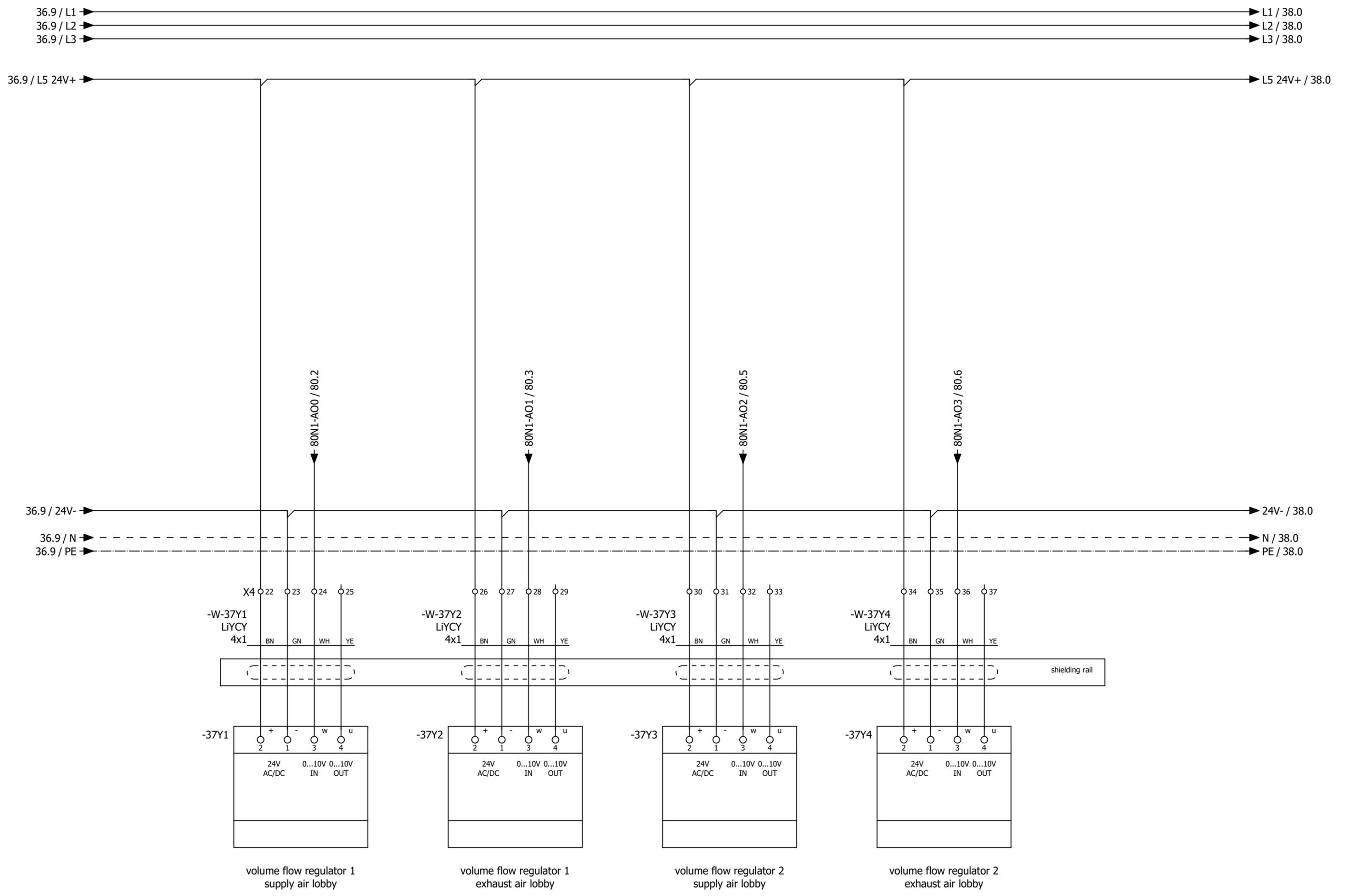
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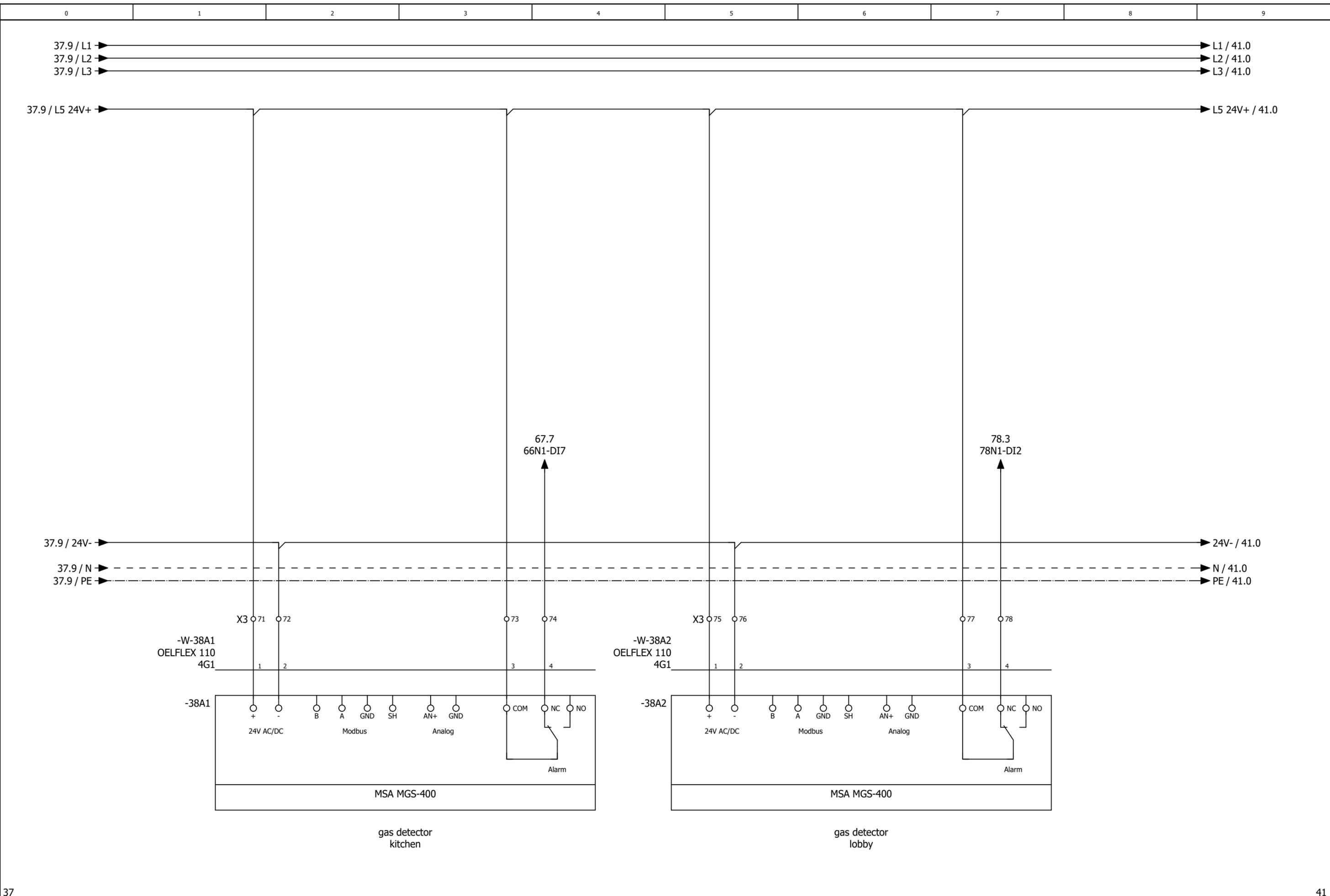
Mc Donald's DK - Syddjurs	
ventilation	
replacement for	replaced by



exhaust fan lobby

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		+	page 23/ 56



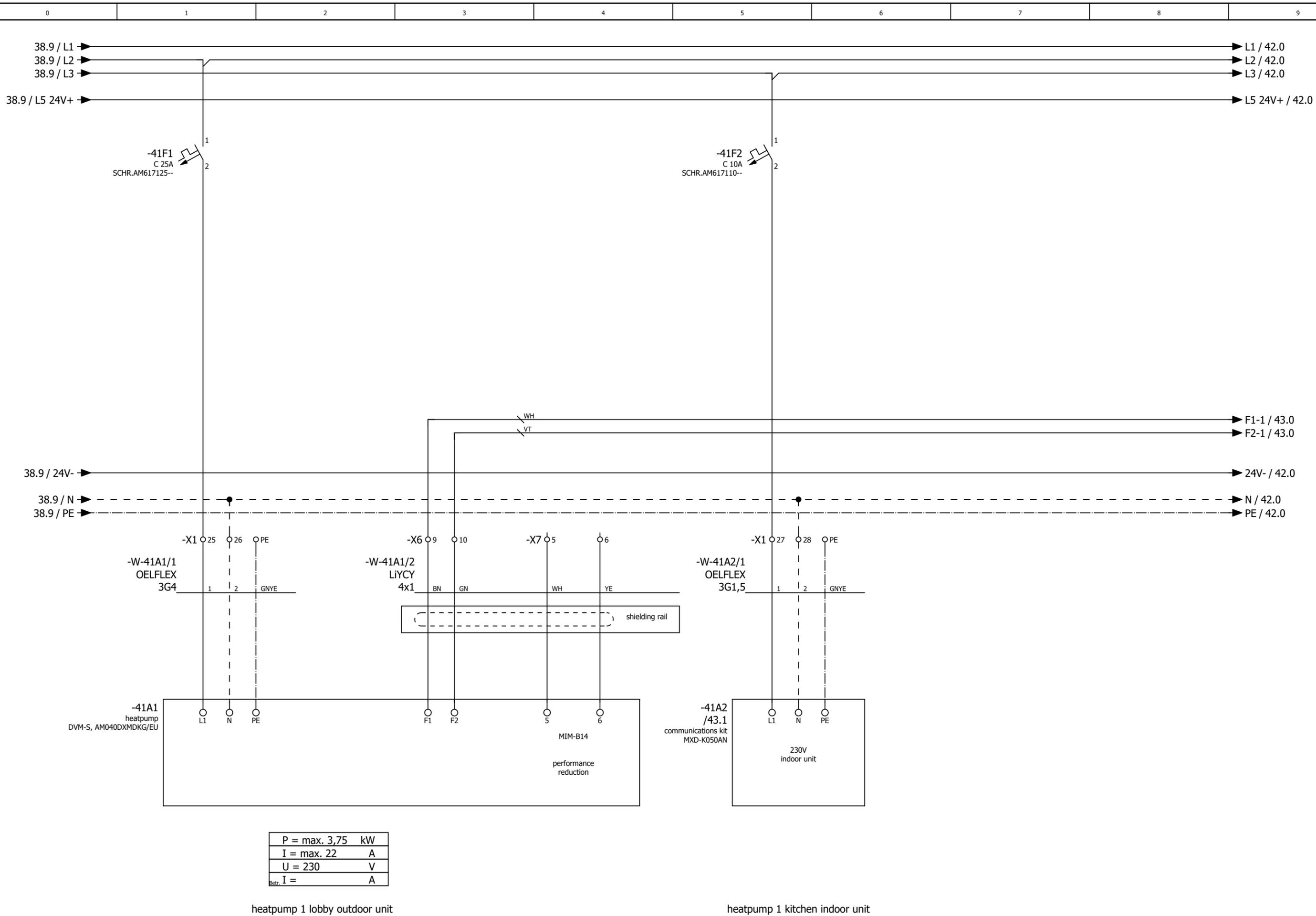


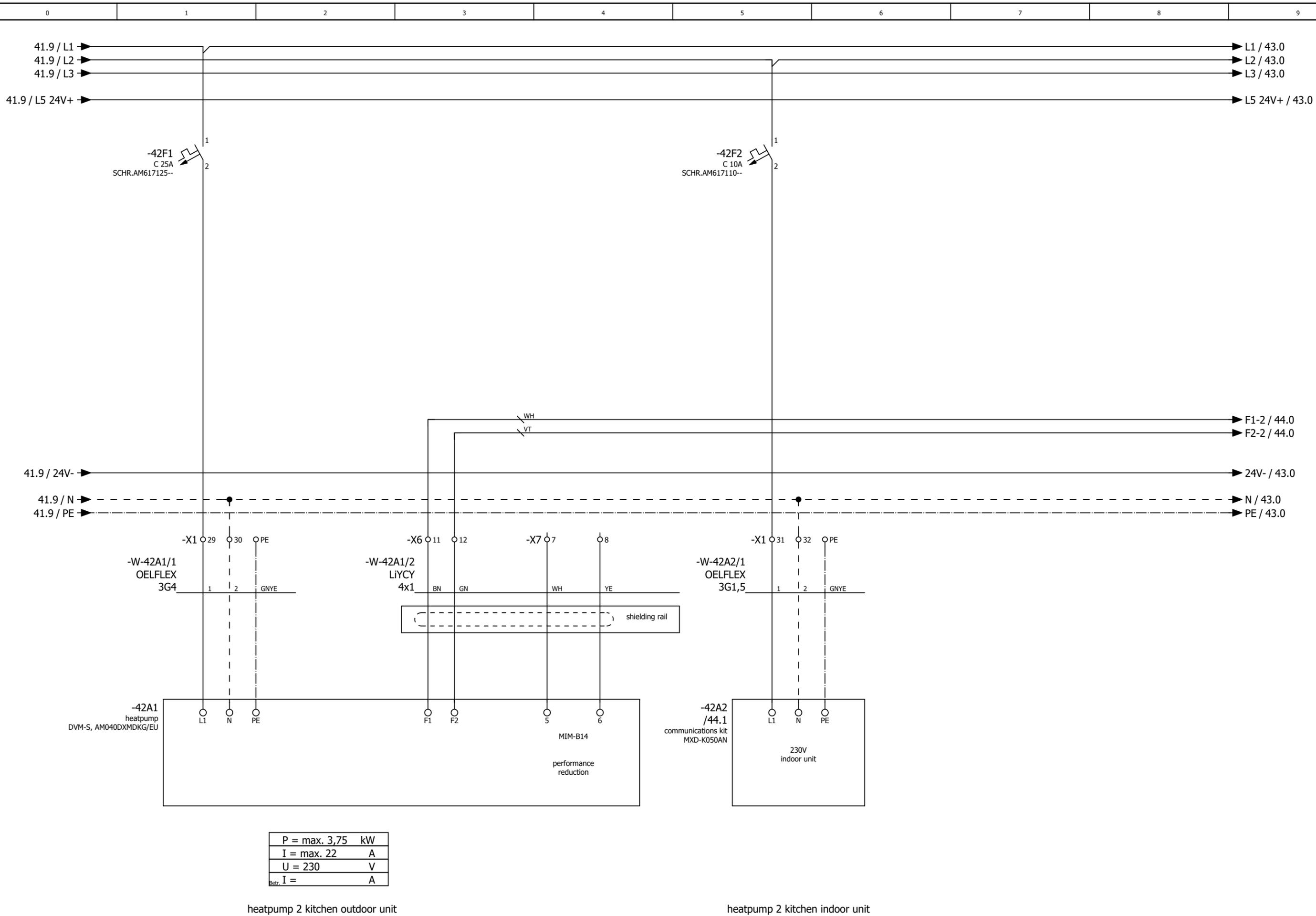
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gas detector

custom no: 7474 4571a





heatpump 2 kitchen outdoor unit

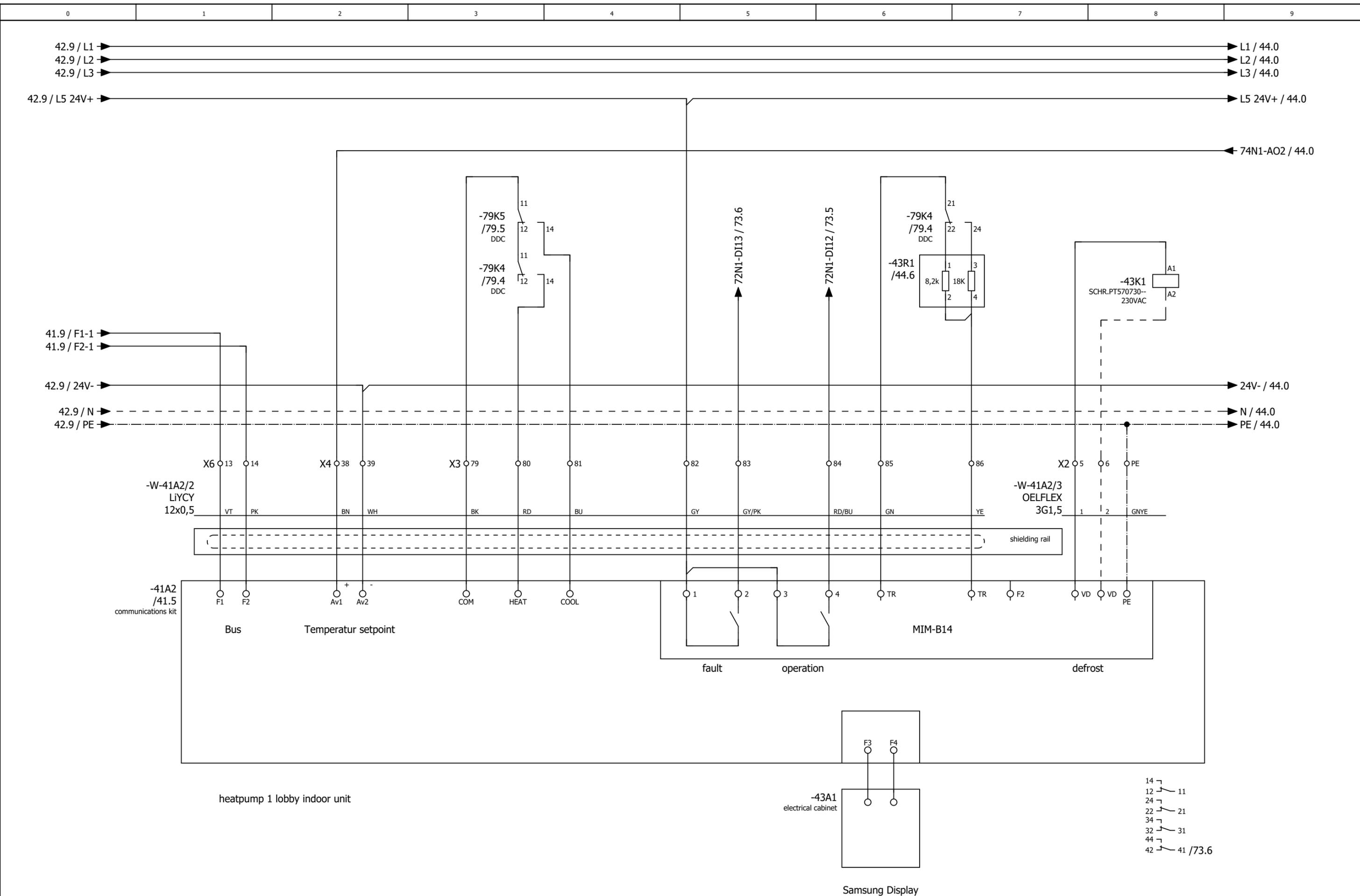
heatpump 2 kitchen indoor unit

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heatpump 2
lobby

custom no: 7474 4571a

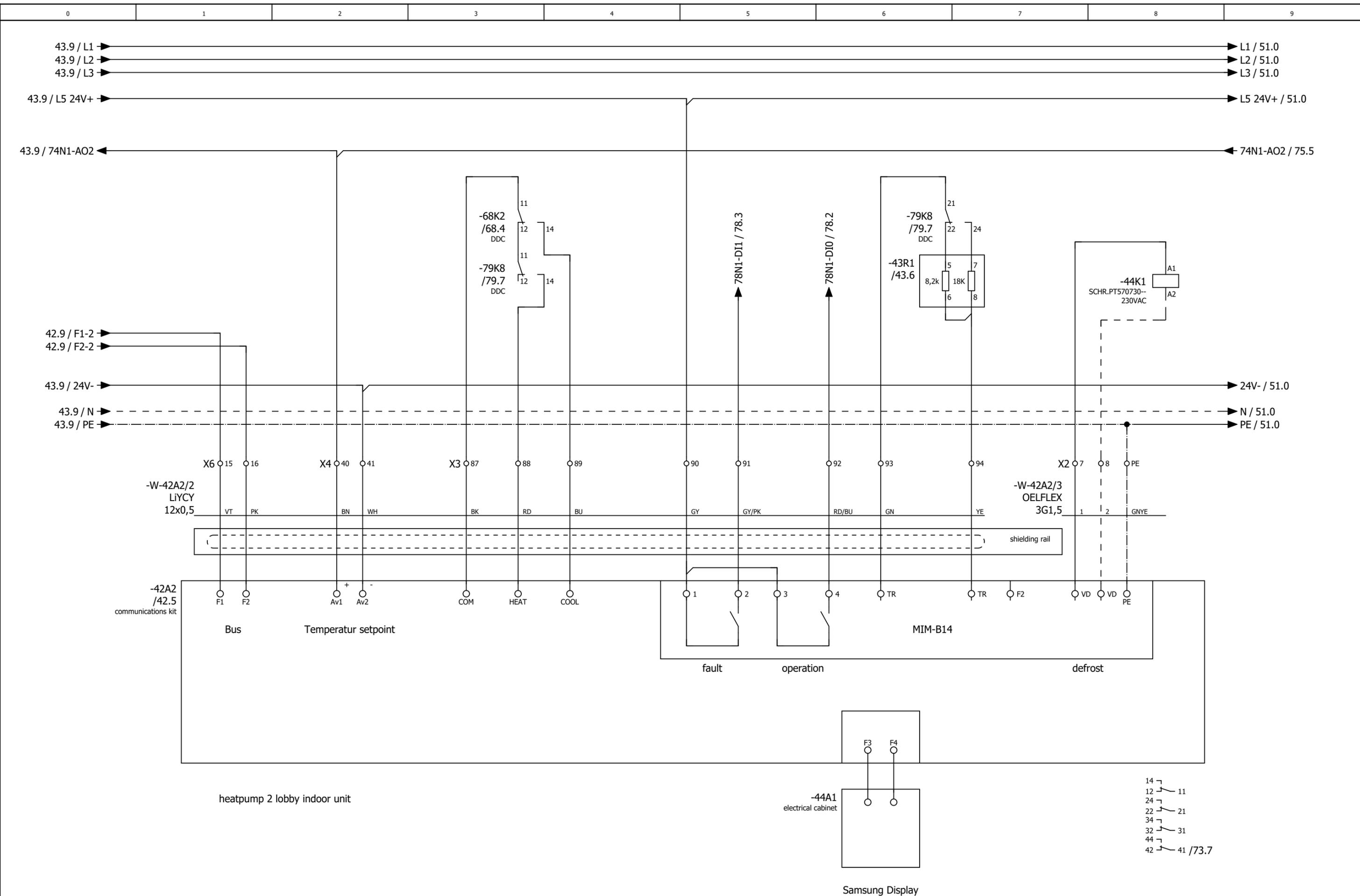


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								page	29 / 56



heatpump 1
lobby
indoor unit

4571a



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heatpump 2
lobby
indoor unit

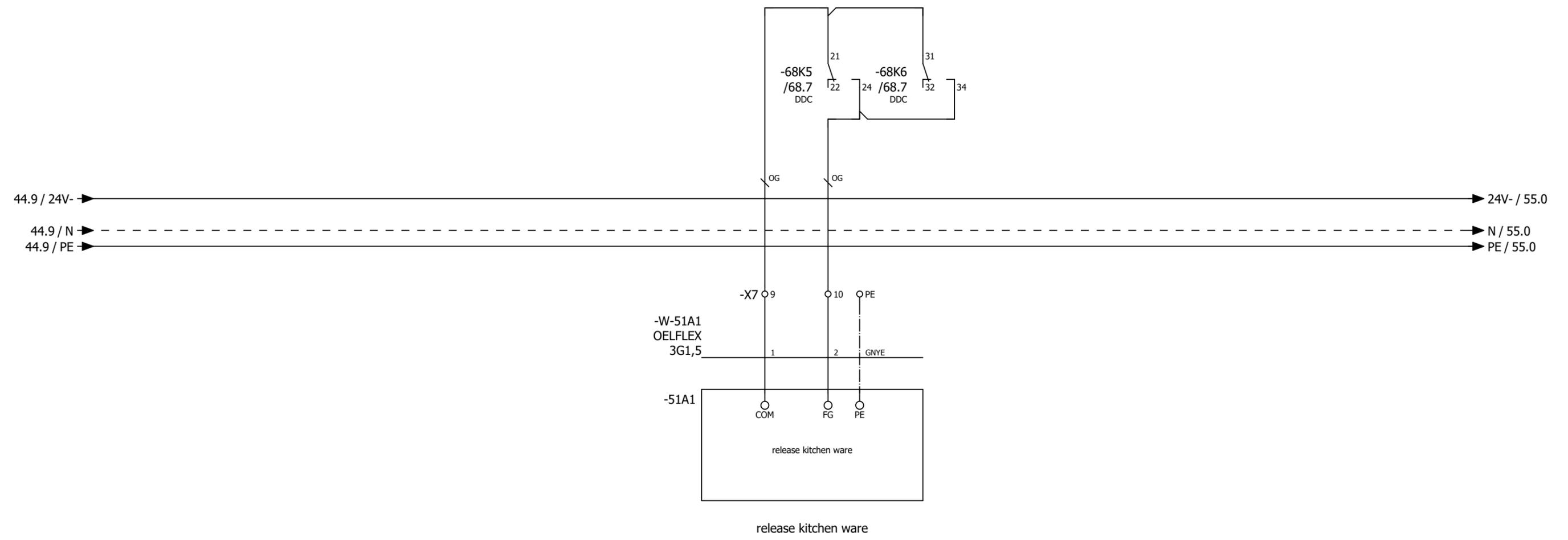
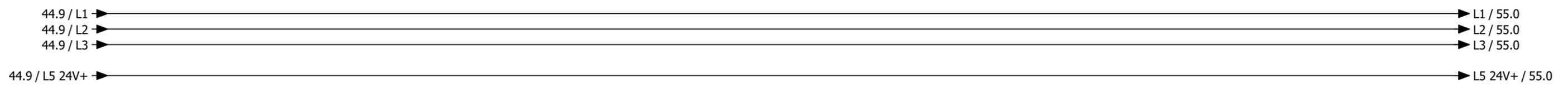
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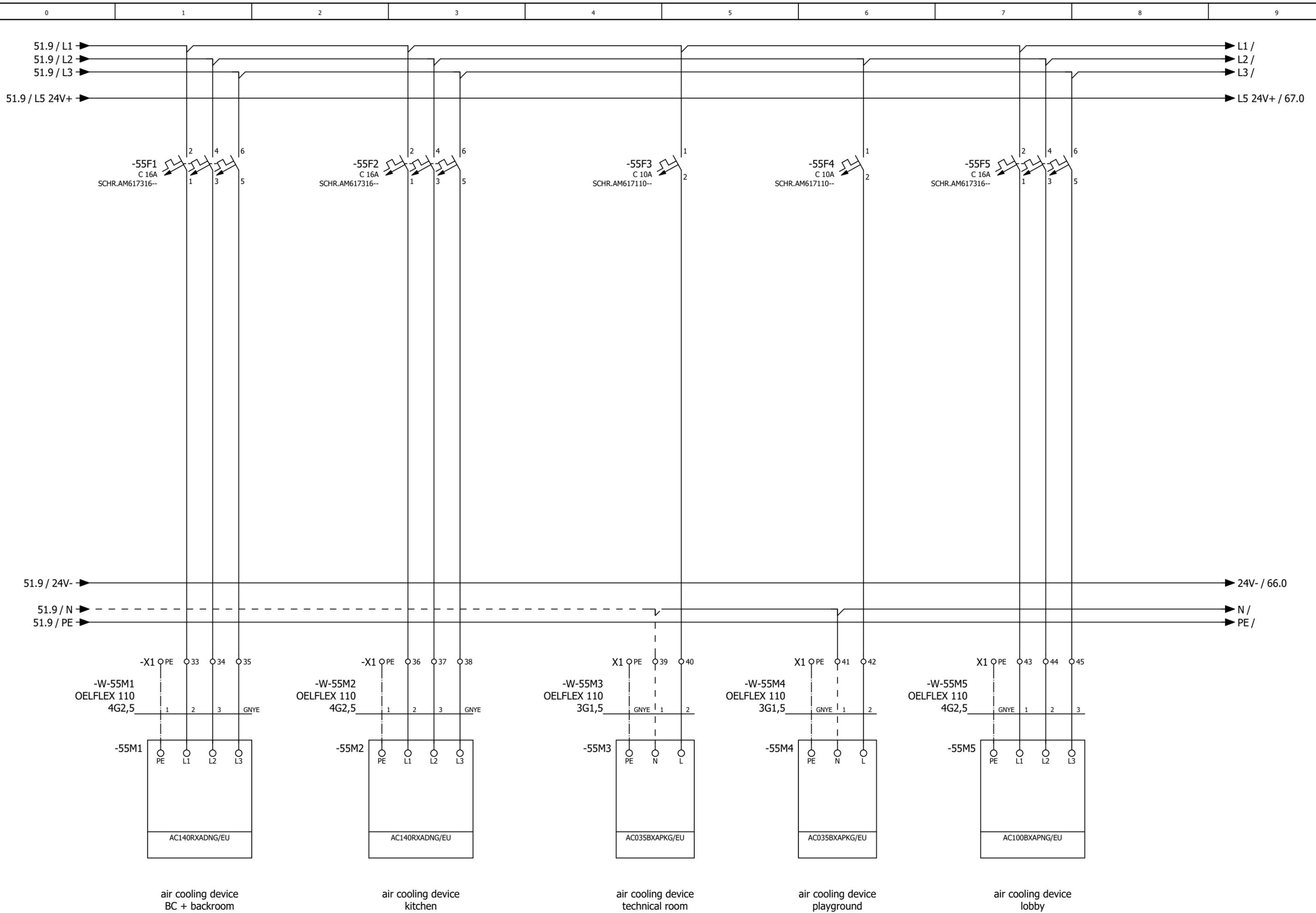
unit discription general

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change	date	name	origin	replaced for	replaced by			page 32/ 56				



air cooling device
BC + backroom

air cooling device
kitchen

air cooling device
technical room

air cooling device
playground

air cooling device
lobby

				Mc Donald's DK - Syddjurs				air cooling devices		= RLT_1	
				ventilation						+	
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										page 33/ 56	

unit discription DDC

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-66N1 /66.0 DEOS -600/5 OPEN
High Power Controller

DI0 ○ /67.2	start ventilation	DO0 ○ /68.1	report AHU running	AI0 ○ /71.1	differential pressire sensor supply air kitchen
DI1 ○ /67.3	fault reset	DO1 ○ /68.2	report AHU fault	AI1 ○ /71.2	reserve
DI2 ○ /67.3	phase monitoring	DO2 ○ /68.3	report AHU maintenance	AI2 ○ /71.3	reserve
DI3 ○ /67.4	exhaust fan kitchen switch in position manual	DO3 ○ /68.4	fault reset	AI3 ○ /71.4	outside temperature sensor kitchen
DI4 ○ /67.5	fault antifreeze kitchen	DO4 ○ /68.4	heatpump 2 cooling lobby	AI4 ○ /71.5	supply air temperature sensor behind heater kitchen
DI5 ○ /67.6	operation heatpump 2 kitchen	DO5 ○ /68.5	flap drives kitchen	AI5 ○ /71.6	supply air temperature sensor total
DI6 ○ /67.6	fault heatpump 2 kitchen	DO6 ○ /68.6	supply air fan kitchen	AI6 ○ /71.7	exhaust air temperature sensor kitchen (option)
DI7 ○ /67.7	fault gas detector kitchen	DO7 ○ /68.7	exhaust fan kitchen	AI7 ○ /71.8	room temperature sensor kitchen
		DO8 ○ /69.2	exhaust fan dishes		
		DO9 ○ /69.3	heatpump 1 kitchen heating	A00 ○ /70.2	setpoint supply air fan kitchen
		DO10 ○ /69.3	heatpump 1 kitchen cooling	A01 ○ /70.3	setpoint exhaust fan kitchen
		DO11 ○ /69.4	heating pump	A02 ○ /70.5	reserve
				A03 ○ /70.6	KVS Ventil Küche

-72N1 /72.1 DS-C-DI16
digital inputs modul 16 x DI

DI0 ○ /72.2	fault supply air fan kitchen
DI1 ○ /72.3	fault repair switch supply air fan kitchen
DI2 ○ /72.3	fault exhaust fan kitchen
DI3 ○ /72.4	fault repair switch exhaust fan kitchen
DI4 ○ /72.5	fault exhaust fan dishes
DI5 ○ /72.6	fault repair switch exhaust fan dishes
DI6 ○ /72.6	fault heatpump 1 kitchen
DI7 ○ /72.7	operation heatpump 1 kitchen
DI8 ○ /73.2	defrosting reverse cycle Heating systems 1+2 kitchen
DI9 ○ /73.3	fault heating pump kitchen
DI10 ○ /73.3	fault supply air fan/repair switch lobby
DI11 ○ /73.4	fault exhaust fan/repair switch lobby
DI12 ○ /73.5	operation heatpump 1 lobby
DI13 ○ /73.6	fault heatpump 1 lobby
DI14 ○ /73.6	defrosting reverse cycle Heating systems 1+2 lobby
DI15 ○ /73.7	term extension

-74N1 /74.0 DS-C-AI8AO4
analog in / outputs modul 8 x AI / 4 x AO

AI0 ○ /74.1	differential pressire sensor supply air lobby
AI1 ○ /74.2	differential pressire sensor exhaust air lobby
AI2 ○ /74.3	differential pressire sensor heat recovery lobby
AI3 ○ /74.4	supply air temperature sensor behind heat recovery lobby
AI4 ○ /74.5	supply air temperature sensor total lobby
AI5 ○ /74.6	exhaust air temperature sensor lobby
AI6 ○ /74.7	differential pressire sensor outside airfilter lobby
AI7 ○ /74.8	differential pressire sensor exhaust airfilter lobby
A00 ○ /75.2	setpoint supply air fan lobby
A01 ○ /75.3	setpoint exhaust fan lobby
A02 ○ /75.5	setpoint heatpumpe lobby
A03 ○ /75.6	setpoint actuator heat recovery lobby

-76N1 /76.0 DS-C-AI8AO4
analog in / outputs modul 8 x AI / 4 x AO

AI0 ○ /76.1	room sensor temperature lobby
AI1 ○ /76.1	room sensor CO ² lobby
AI2 ○ /76.3	differential pressire sensor outside airfilter kitchen
AI3 ○ /76.4	reserve
AI4 ○ /76.5	differential pressire sensor exhaust airfilter kitchen
AI5 ○ /76.6	return teperature sensor heater kitchen
AI6 ○ /76.7	air channel pressure supply air lobby
AI7 ○ /76.8	air channel pressure exhaust air lobby
A00 ○ /77.2	heater valve kitchen
A01 ○ /77.3	reserve
A02 ○ /77.5	reserve
A03 ○ /77.6	reserve

-78N1
/78.1**DS-C-DI8DO8T**

digital in / outputs modul 8 x DI / 8 x DO

DI0	○	/78.2	operation heatpump 1 lobby
DI1	○	/78.3	fault heatpump 1 lobby
DI2	○	/78.3	fault gas detector lobby
DI3	○	/78.4	WW pressure switch
DI4	○	/78.5	reserve
DI5	○	/78.6	reserve
DI6	○	/78.6	reserve
DI7	○	/78.7	reserve
DO0	○	/79.2	flap drives lobby
DO1	○	/79.3	supply air fan lobby
DO2	○	/79.3	exhaust fan lobby
DO3	○	/79.4	heatpump 1 heating lobby
DO4	○	/79.5	heatpump 1 cooling lobby
DO5	○	/79.6	heatpump 2 heating kitchen
DO6	○	/79.6	heatpump 2 cooling kitchen
DO7	○	/79.7	heatpump 2 heating lobby

-80N1
/80.1**DS-C-AO4**

analog outputs modul 4 x AO

AO0	○	/80.2	volume flow regulator 1 supply air lobby
AO1	○	/80.3	volume flow regulator 1 exhaust air lobby
AO2	○	/80.5	volume flow regulator 2 supply air lobby
AO3	○	/80.6	volume flow regulator 2 exhaust air lobby

			date	09.07.2025	Mc Donald´s DK - Syddjurs ventilation		overview occupancy board 2	custom no: 7474	4571a	= RLT_1	page	62
			edited	julia.wagner						+	page	36/ 56
			checked	M. Wagner								
change	date	name	origin		replacement for	replaced by						

66N1
/66.0

-72N1
/72.1

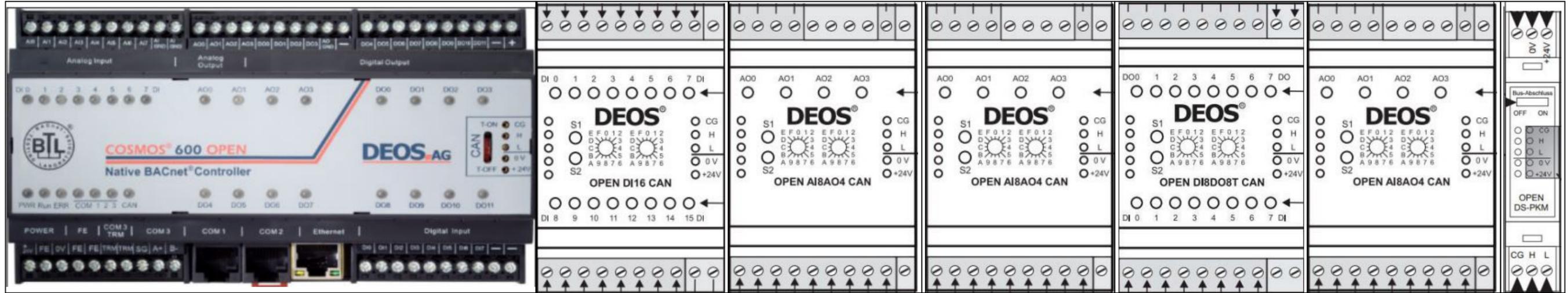
-74N1
/74.0

-76N1
/76.0

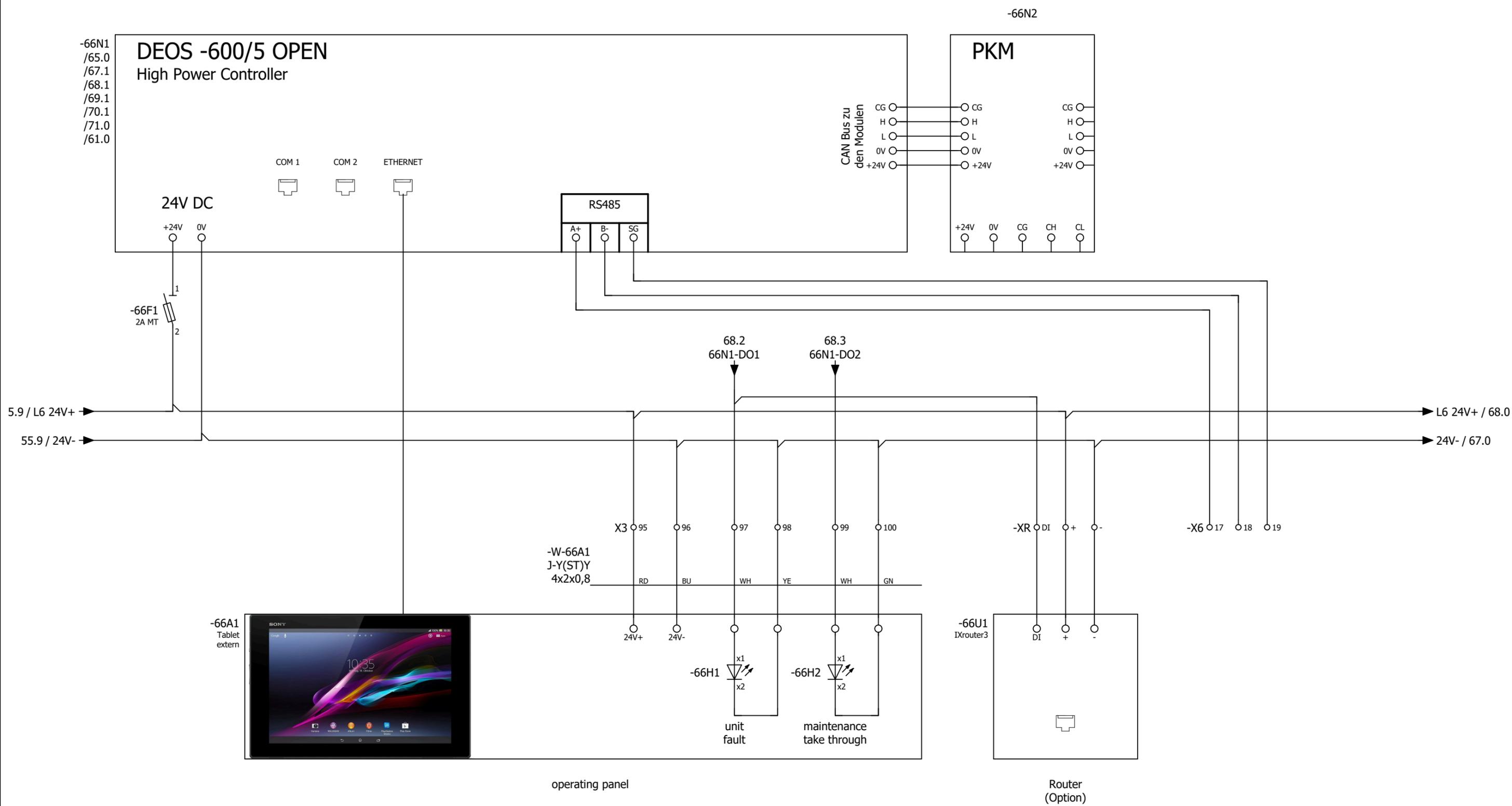
-78N1
/78.1

-80N1
/80.1

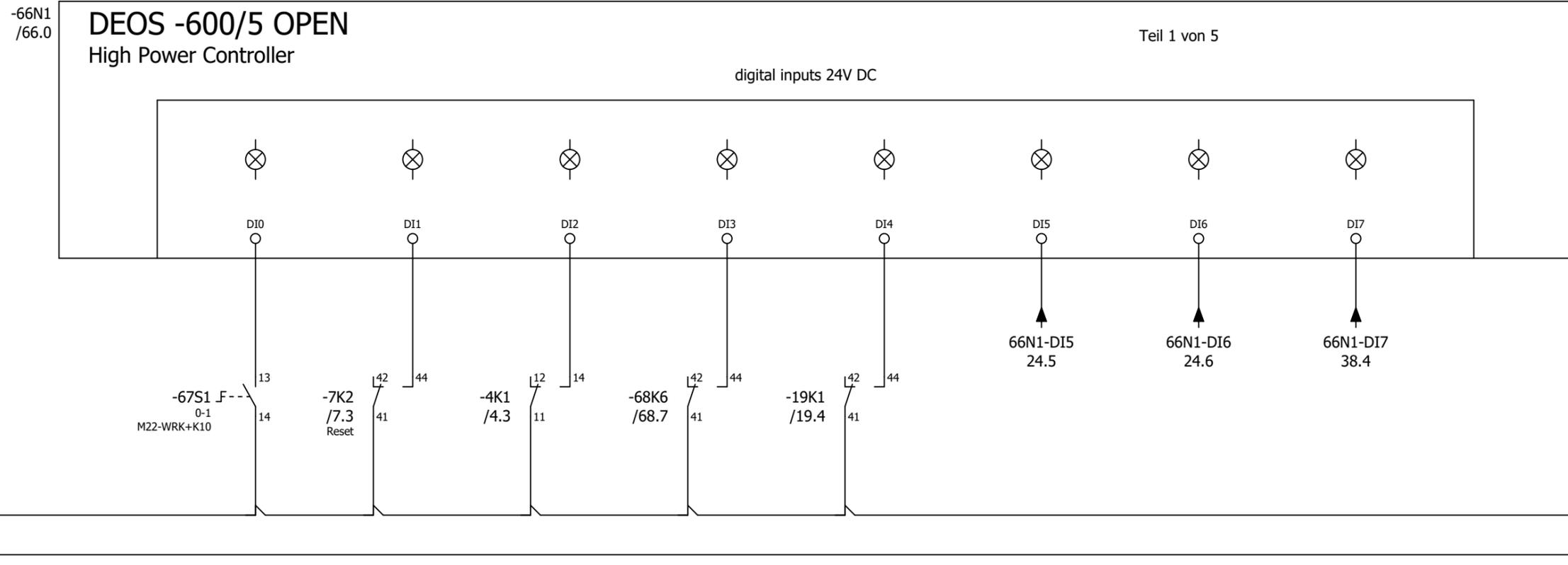
-66N3



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			checked	M. Wagner					custom no: 7474
change	date	name	origin		replacement for	replaced by			page 37/ 56



		date	09.07.2025	Mc Donald´s DK - Syddjurs			DDC - CPU Controller		= RLT_1	
		edited	julia.wagner	ventilation					+	
		checked	M. Wagner	replaced for					page 66	
change	date	name	origin	replaced by				custom no: 7474	4571a	
								page 38/ 56		



start ventilation

fault reset

phase monitoring

exhaust fan kitchen switch in position manual

fault antifreeze kitchen

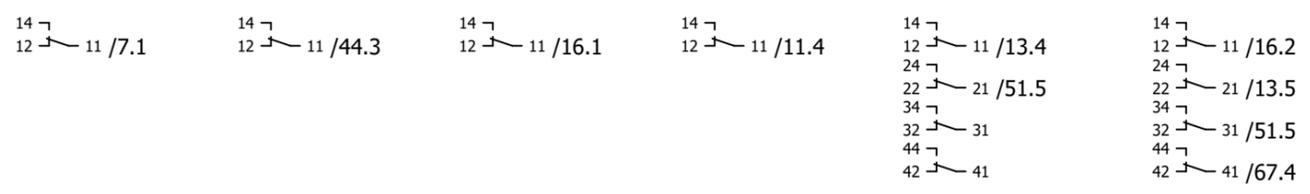
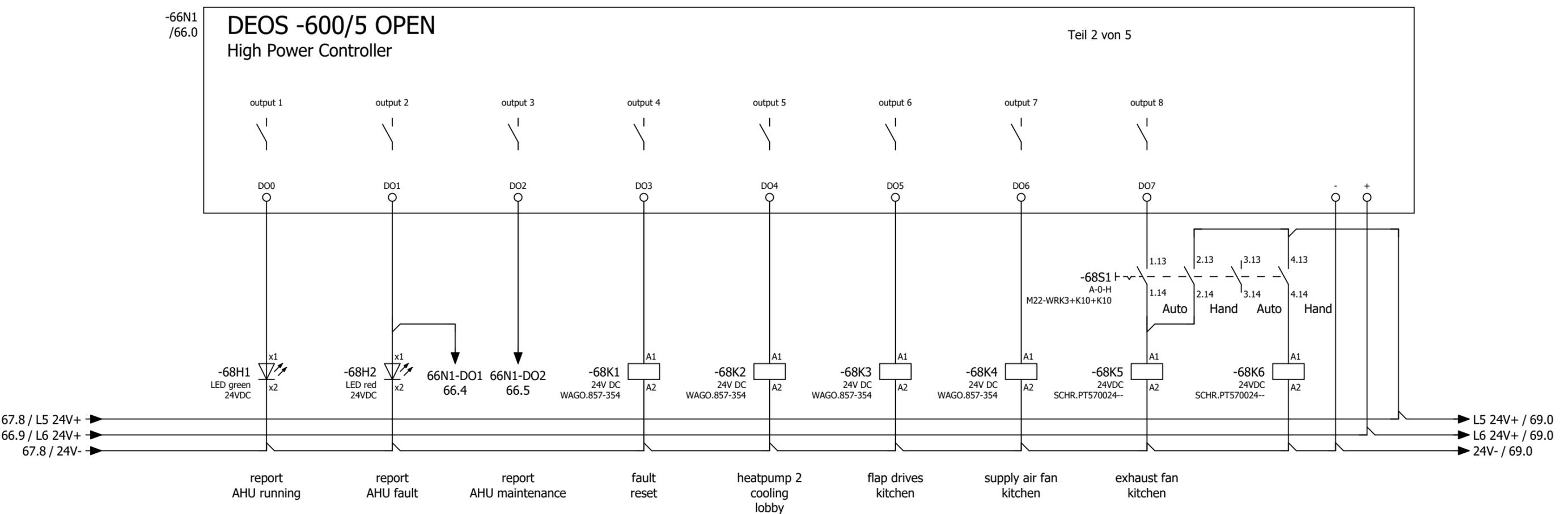
operation heatpump 2 kitchen

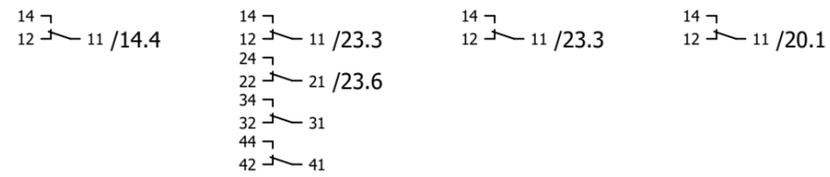
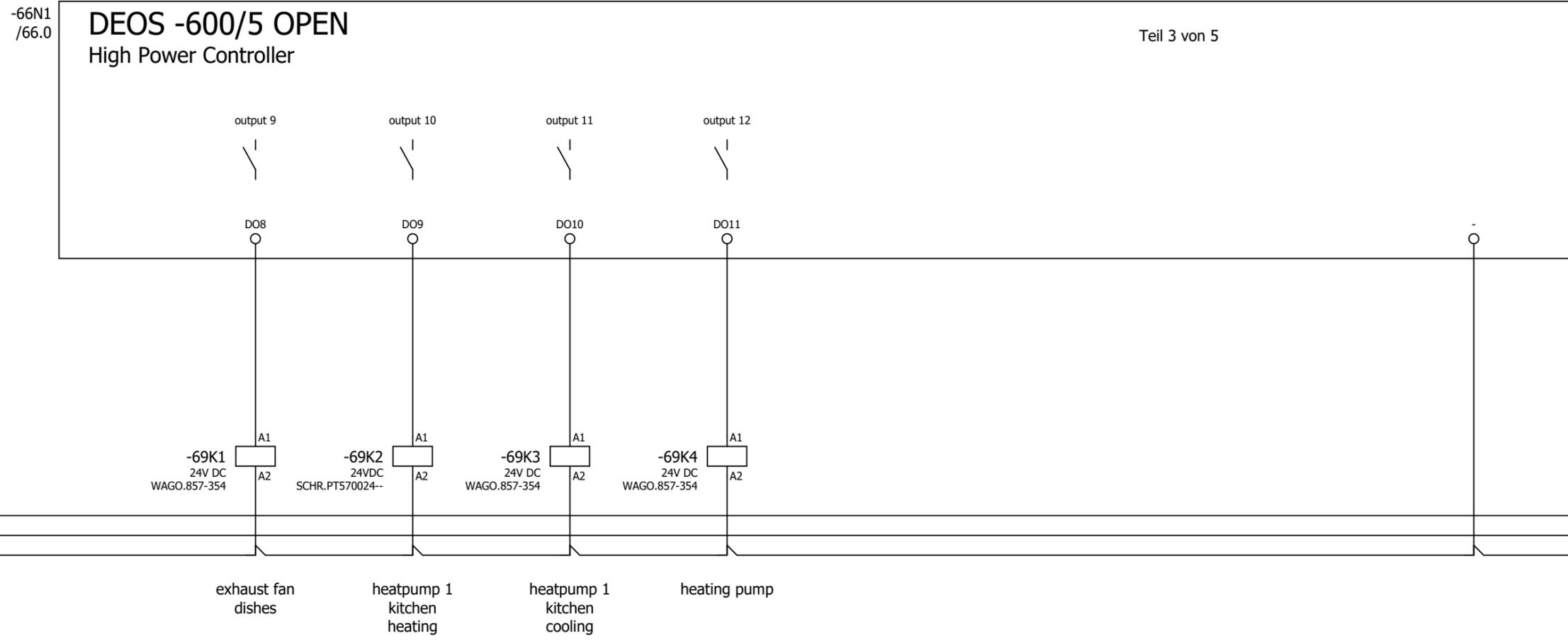
fault heatpump 2 kitchen

fault gas detector kitchen

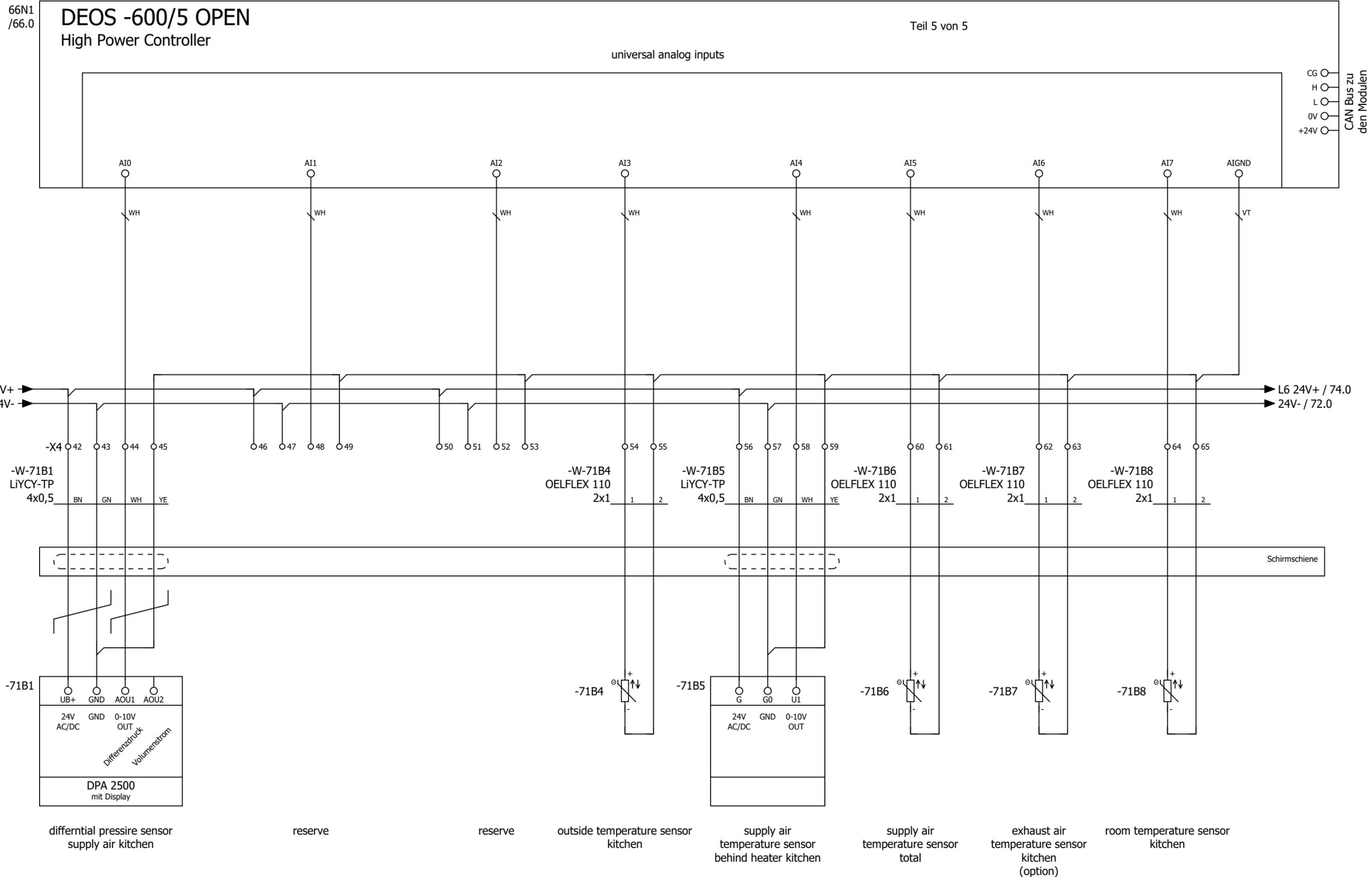
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		checked	M. Wagner	replaced for		replaced by		+	
change	date	name	origin					custom no: 7474	4571a
								page 39/ 56	







				date	09.07.2025	Mc Donald´s DK - Syddjurs ventilation		CPU - digital outputs 4 x DO		= RLT_1	page	69	
				edited	julia.wagner			replaced by	custom no: 7474	4571a	+	page	41/ 56
				checked	M. Wagner			replaced for					
change	date	name	origin										



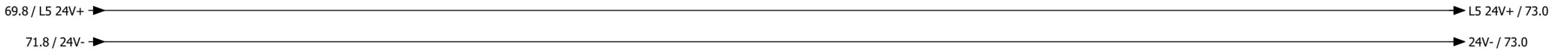
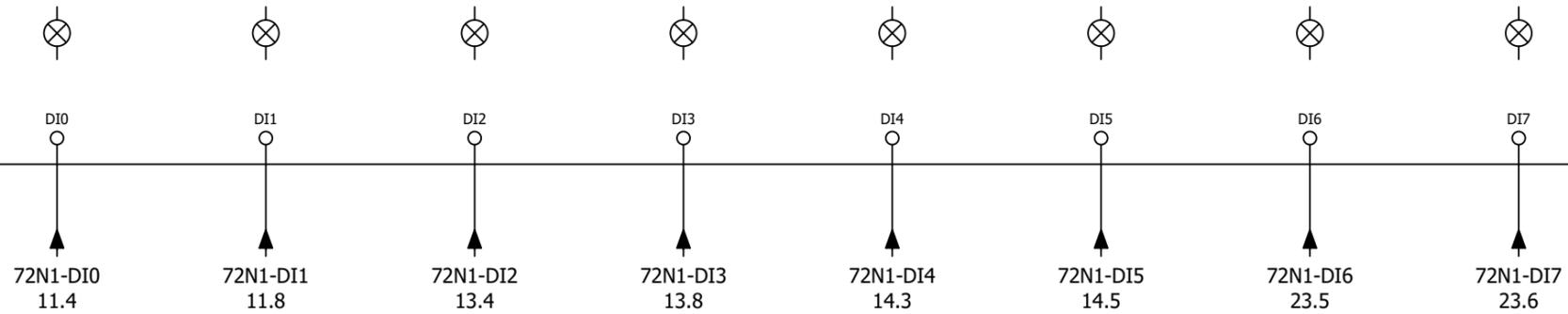
				date	09.07.2025	Mc Donald´s DK - Syddjurs ventilation			CPU - analog inputs 8 x AI		= RLT_1	
				edited	julia.wagner				page		71	
				checked	M. Wagner				page		43/ 56	
change	date	name	origin	replacement for	replaced by			custom no: 7474	4571a			

-72N1
/65.3
/73.1
/61.0

DS-C-DI16
digital inputs module 16 x DI

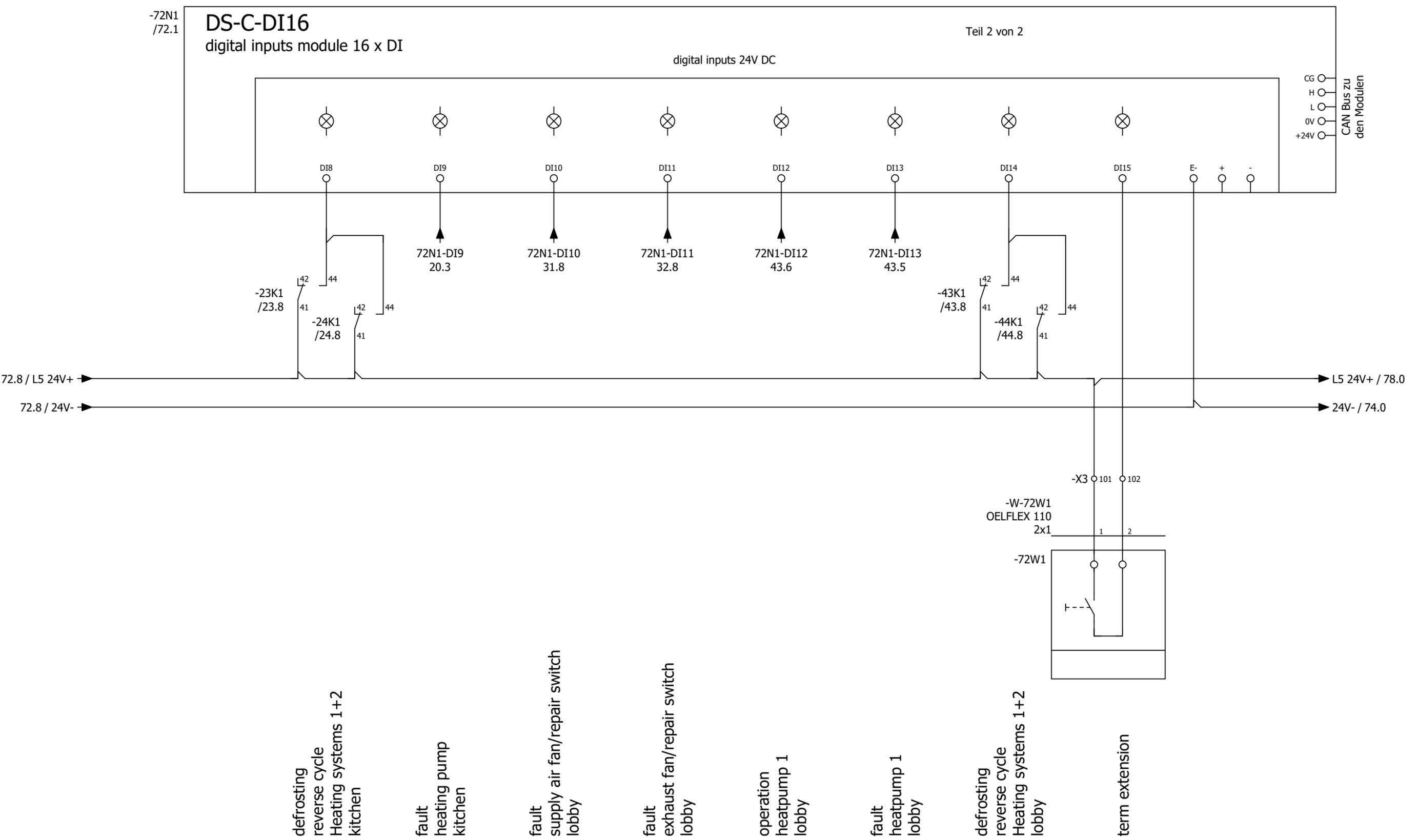
Teil 1 von 2

digital inputs 24V DC



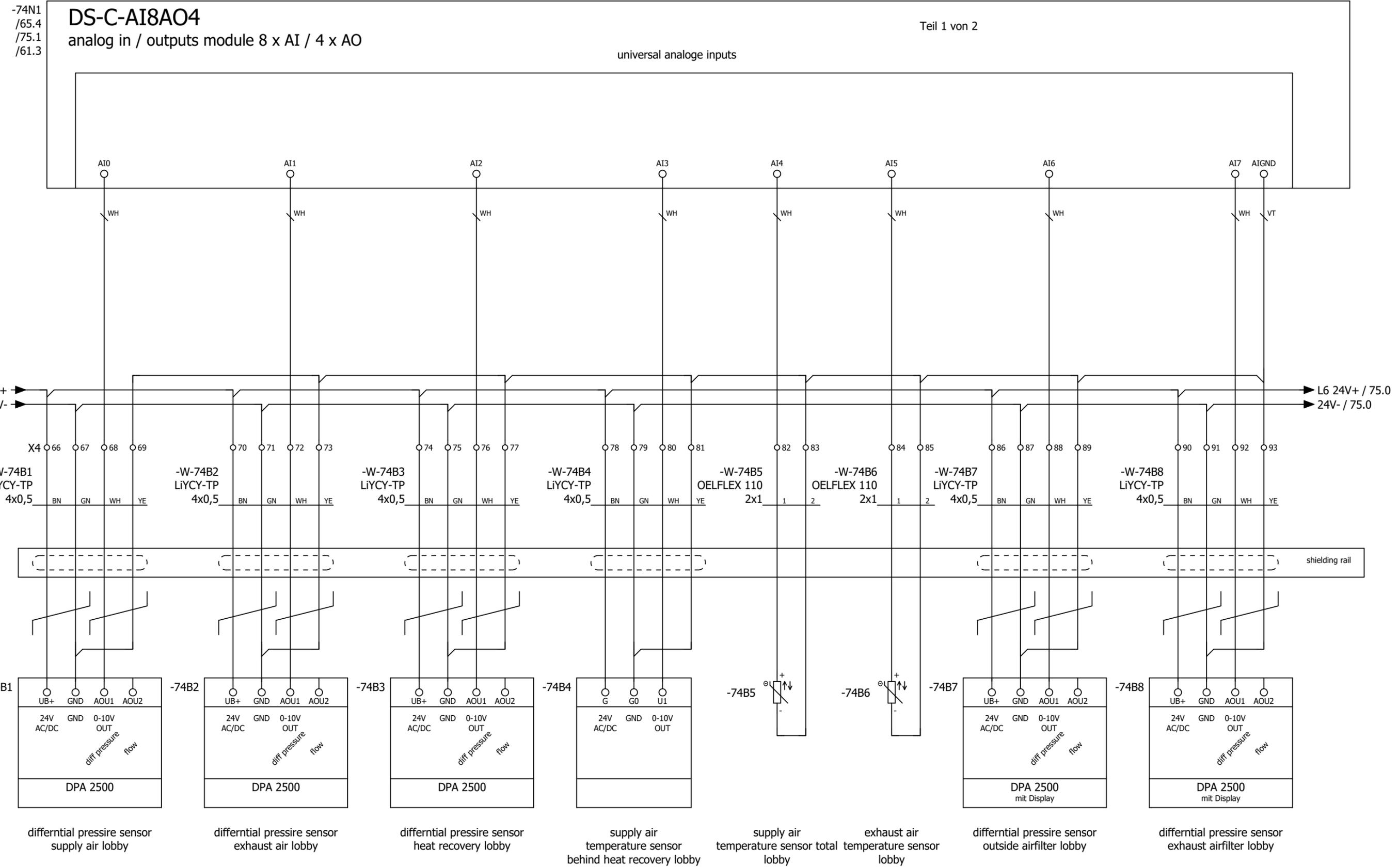
- fault supply air fan kitchen
- fault repair switch supply air fan kitchen
- fault exhaust fan kitchen
- fault repair switch exhaust fan kitchen
- fault exhaust fan dishes
- fault repair switch exhaust fan dishes
- fault heatpump 1 kitchen
- operation heatpump 1 kitchen

			date	09.07.2025	Mc Donald´s DK - Syddjurs		DDC - digital inputs 16 x DI	= RLT_1			
			edited	julia.wagner	ventilation				page	72	
			checked	M. Wagner					+		
change	date	name	origin		replacement for	replaced by		custom no: 7474	4571a	page	44 / 56



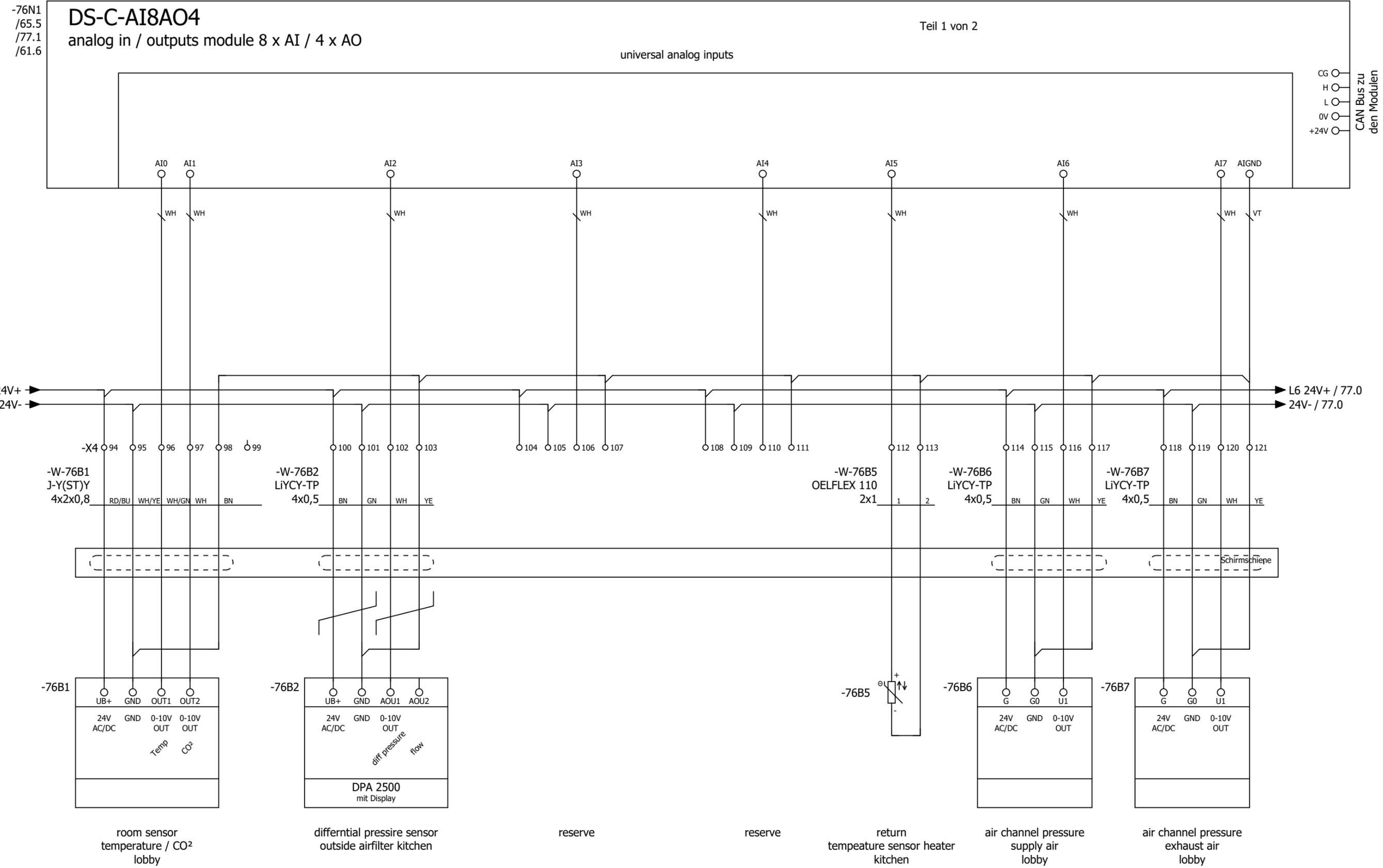
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		checked	M. Wagner	ventilation				+	
change	date	name	origin	replacement for	replaced by	custom no: 7474		4571a	
								page 45/ 56	





date		09.07.2025		Mc Donald´s DK - Syddjurs		= RLT_1	
edited		julia.wagner		ventilation		+	
checked		M. Wagner				page	74
change	date	name	origin	replacement for	replaced by	custom no: 7474	4571a
						page	46 / 56



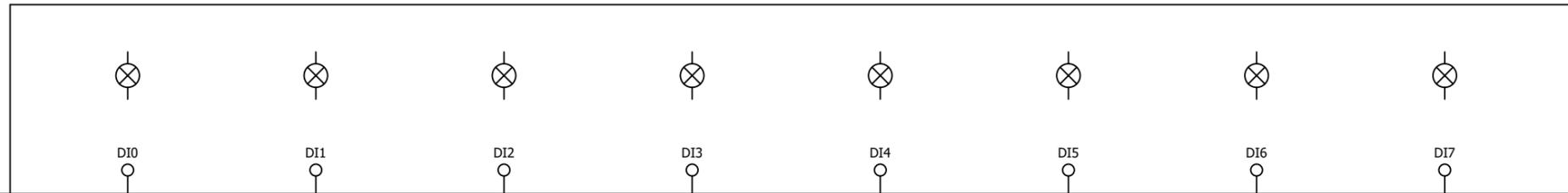


-78N1
/65.6
/79.1
/62.0

DS-C-DI8DO8T
Digital Ein- / Ausgangsmodul 8 x DI / 8 x DO

Teil 1 von 2

digital inputs 24V DC



78N1-DI0
44.6

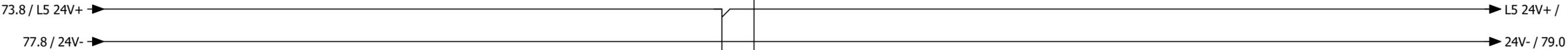
78N1-DI1
44.5

78N1-DI2
38.7

X3 103 104

-W-78B1
OELFLEX 110
2x1

-78B1 P



operation
heatpump 1
lobby

fault
heatpump 1
lobby

fault
gas detector
lobby

WW pressure switch

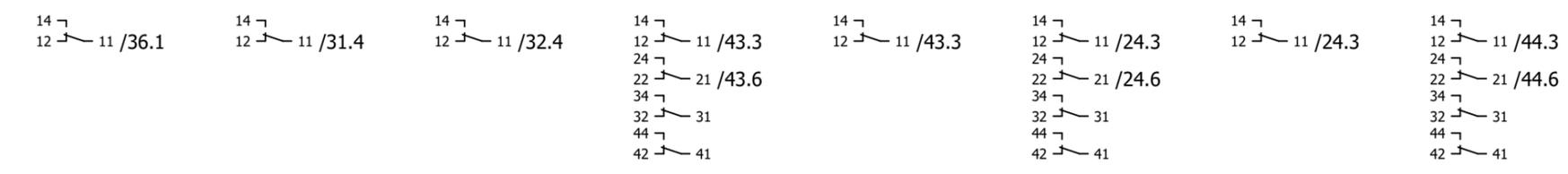
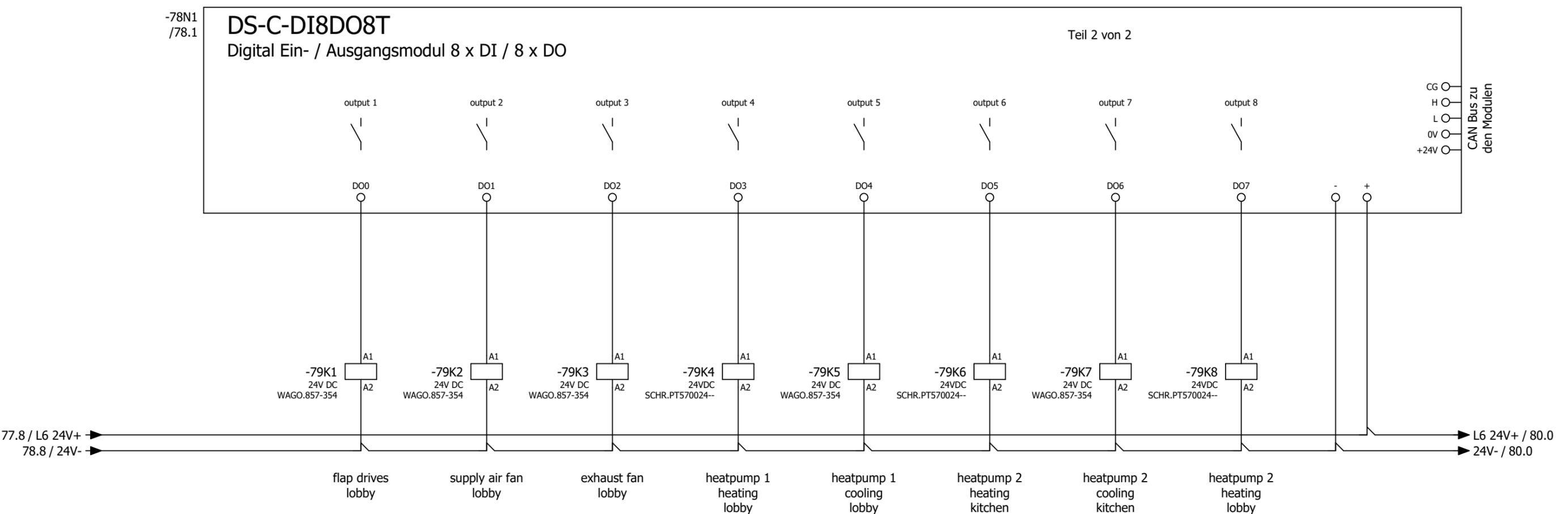
reserve

reserve

reserve

reserve

			date	09.07.2025	Mc Donald´s DK - Syddjurs		DDC - digital inputs 8 x DI		= RLT_1		
			edited	julia.wagner	ventilation					page	78
			checked	M. Wagner	replaced by					+	
change	date	name	origin					custom no: 7474	4571a		
									page	50/ 56	



				date	09.07.2025	Mc Donald´s DK - Syddjurs				= RLT_1		
				edited	julia.wagner	ventilation				+		
				checked	M. Wagner	replaced by				page	79	
change	date	name	origin	replaced for				custom no: 7474	4571a			
											page	51/ 56



Kabelübersicht

F10_001

Kabelname	Quelle (von)	Ziel (bis)	Kabeltyp	alle Adern	verwendete Adern	Querschnitt [mm ²]	Länge [m]	Funktionstext	Grafikseite des Kabelplans
W-9A1	X3	9A1	J-Y(ST)Y	4x2	5	0,8		fire emergency shutdown	
W-11M1/1	X1		OELFLEX 110	4G	4	2,5		supply air fan kitchen	
		11Q1							
W-11M1/2	X3	11M1	OELFLEX 110	4G	4	1		supply air fan kitchen	
W-11M1/3	X4	11M1	LIYCY	2	2	0,5		=	
W-11Q1	X3	11Q1	OELFLEX 110	2	2	1		repair switch supply air fan kitchen	
W-13M1/1	X1		OELFLEX 110	4G	4	1,5		exhaust fan kitchen	
		13Q1							
W-13M1/2	X3	13M1	OELFLEX 110	4G	4	1		exhaust fan kitchen	
W-13M1/3	X4	13M1	LIYCY	4	3	0,5		=	
W-13Q1	X3	13Q1	OELFLEX 110	2	2	1		repair switch exhaust fan kitchen	
W-14M1/1	X1	14M1	OELFLEX 110	3G	3	1,5		exhaust fan dishes	
		14Q1							
W-14M1/2	X3	14M1	OELFLEX 110	2	2	1		exhaust fan dishes	
W-14Q1	X3	14Q1	OELFLEX 110	2	2	1		repair switch exhaust fan dishes	
W-16Y1	X3	16Y1	OELFLEX 110	3	3	1		outside air damper kitchen	
W-16Y2	X3	16Y2	OELFLEX 110	3	3	1		exhaust air flap kitchen (option)	
W-16Y3	X3	16Y3	OELFLEX 110	3	3	1		exhaust air flap dishes (option)	
W-19B1	X3	19B1	OELFLEX 110	4G	4	1		antifreeze thermostat	
W-20M1	X1	20M1	OELFLEX 110	3G	3	1,5		heating pump kitchen	
W-20Y1	X4	20Y1	LIYCY	4	4	1		heater valve kitchen	
W-21A1/1	X1	21A1	OELFLEX	3G	3	4		heatpump 1 kitchen outdoor unit	
W-21A1/2	X6	21A1	LIYCY	4	4	1		=	
	X7								
W-21A2/1	X1	21A2	OELFLEX	3G	3	1,5		heatpump 1 kitchen indoor unit	
W-22A1/1	X1	22A1	OELFLEX	3G	3	4		heatpump 2 kitchen outdoor unit	
W-22A1/2	X6	22A1	LIYCY	4	4	1		=	
	X7								
W-22A2/1	X1	22A2	OELFLEX	3G	3	1,5		heatpump 2 kitchen indoor unit	
W-21A2/2	X3	21A2	LIYCY	12	12	0,5		heatpump 1 kitchen indoor unit	
	X4								
	X6								
W-21A2/3	X2	21A2	OELFLEX	3G	3	1,5		heatpump 1 kitchen indoor unit	
W-22A2/2	X3	22A2	LIYCY	12	12	0,5		heatpump 2 kitchen indoor unit	
	X4								
	X6								
W-22A2/3	X2	22A2	OELFLEX	3G	3	1,5		heatpump 2 kitchen indoor unit	
W-31M1/1	X1		OELFLEX 110	4G	4	2,5		supply air fan lobby	
		31Q1							
W-31M1/2	X3	31M1	OELFLEX 110	4G	4	1		supply air fan lobby	
W-31M1/3	X4	31M1	LIYCY	2	2	0,5		=	
W-31Q1	X3	31Q1	OELFLEX 110	2	2	1		repair switch supply air fan lobby	
W-32M1/1	X1		OELFLEX 110	4G	4	2,5		exhaust fan lobby	
		32Q1							
W-32M1/2	X3	32M1	OELFLEX 110	4G	4	1		exhaust fan lobby	
W-32M1/3	X4	32M1	LIYCY	2	2	0,5		=	

=RLT_1/80

1.a

		Datum	28.07.2025	Mc Donald´s DK - Syddjurs			cable overview : W-9A1 - W-32M1/3		= KBL	Blatt 1
		Bearb.	julia.wagner	ventilation					+	
		Gepr	M. Wagner							
Änderung	Datum	Name	Urspr	Ersatz von	Ersetzt durch		custom no: 7474	4571a	Blatt 53/ 56	

Kabelübersicht

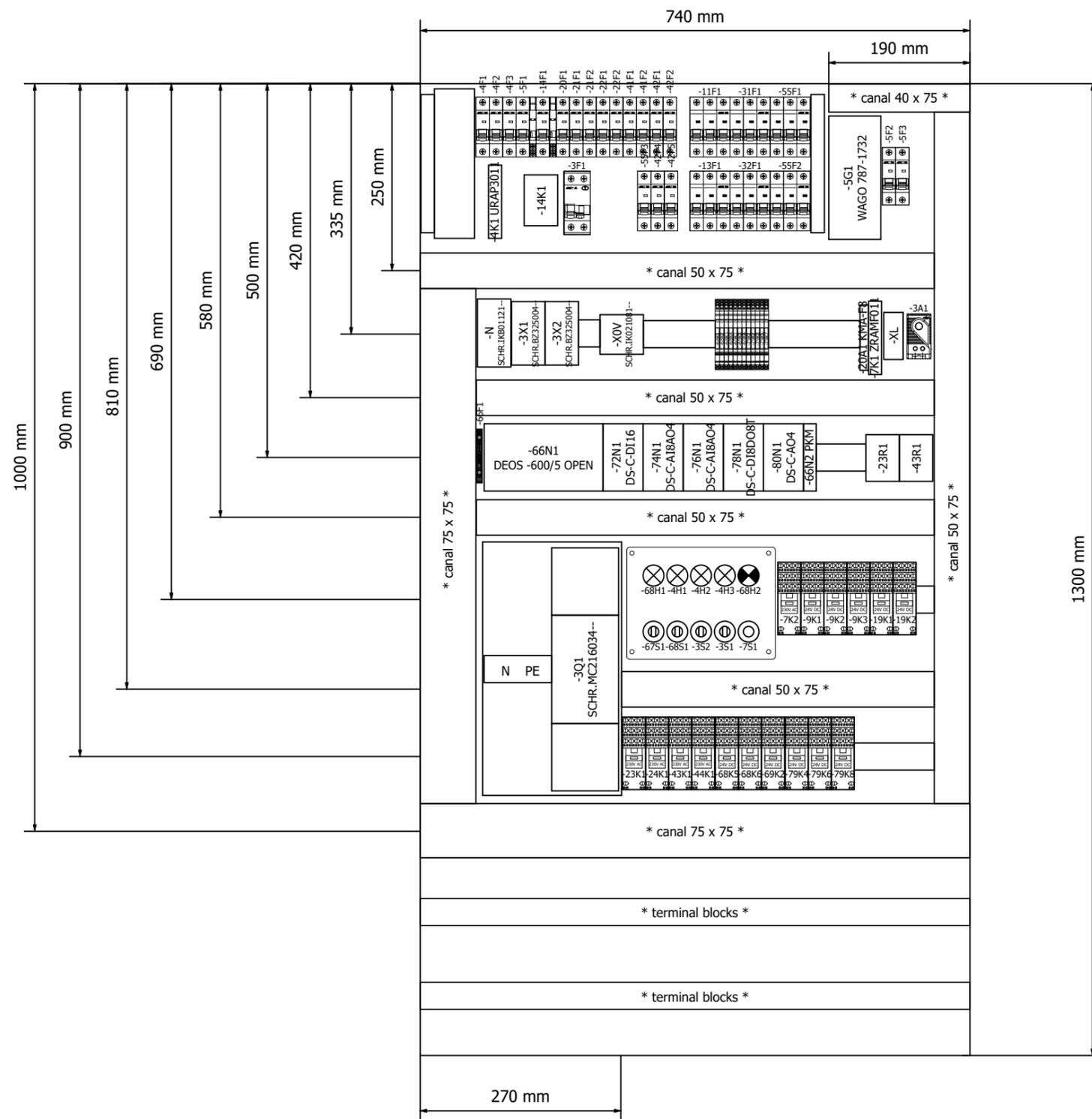
F10_001

Kabelname	Quelle (von)	Ziel (bis)	Kabeltyp	alle Adern	verwendete Adern	Querschnitt [mm ²]	Länge [m]	Funktionstext	Grafikseite des Kabelplans
W-32Q1	X3	32Q1	OELFLEX 110	2	2	1		repair switch exhaust fan lobby	
W-36Y1	X3	36Y1	OELFLEX 110	3	3	1		outside air damper lobby	
W-36Y2	X3	36Y2	OELFLEX 110	3	3	1		exhaust air flap lobby	
W-36Y3	X4	36Y3	LiYCY	4	4	1		actuator plate heat exchanger lobby	
W-37Y1	X4	37Y1	LiYCY	4	4	1		volume flow regulator 1 supply air lobby	
W-37Y2	X4	37Y2	LiYCY	4	4	1		volume flow regulator 1 exhaust air lobby	
W-37Y3	X4	37Y3	LiYCY	4	4	1		volume flow regulator 2 supply air lobby	
W-37Y4	X4	37Y4	LiYCY	4	4	1		volume flow regulator 2 exhaust air lobby	
W-38A1	X3	38A1	OELFLEX 110	4G	4	1		gas detector kitchen	
W-38A2	X3	38A2	OELFLEX 110	4G	4	1		gas detector lobby	
W-41A1/1	X1	41A1	OELFLEX	3G	3	4		heatpump 1 lobby outdoor unit	
W-41A1/2	X6	41A1	LiYCY	4	4	1		=	
	X7								
W-41A2/1	X1	41A2	OELFLEX	3G	3	1,5		heatpump 1 lobby indoor unit	
W-42A1/1	X1	42A1	OELFLEX	3G	3	4		heatpump 2 lobby outdoor unit	
W-42A1/2	X6	42A1	LiYCY	4	4	1		=	
	X7								
W-42A2/1	X1	42A2	OELFLEX	3G	3	1,5		heatpump 2 lobby indoor unit	
W-41A2/2	X3	41A2	LiYCY	12	12	0,5		heatpump 1 lobby indoor unit	
	X4								
	X6								
W-41A2/3	X2	41A2	OELFLEX	3G	3	1,5		heatpump 1 lobby indoor unit	
W-42A2/2	X3	42A2	LiYCY	12	12	0,5		heatpump 2 lobby indoor unit	
	X4								
	X6								
W-42A2/3	X2	42A2	OELFLEX	3G	3	1,5		heatpump 2 lobby indoor unit	
W-51A1	X7	51A1	OELFLEX	3G	3	1,5		release kitchen ware	
W-55M1	X1	55M1	OELFLEX 110	4G	4	2,5		air cooling device BC+ backroom	
W-55M2	X1	55M2	OELFLEX 110	4G	4	2,5		air cooling device kitchen	
W-55M3	X1	55M3	OELFLEX 110	3G	3	1,5		air cooling device technical room	
W-55M4	X1	55M4	OELFLEX 110	3G	3	1,5		air cooling device playground	
W-55M5	X1	55M5	OELFLEX 110	4G	4	2,5		air cooling device lobby	
W-66A1	X3	66A1	J-Y(ST)Y	4x2	6	0,8		operating panel	
W-71B1	X4	71B1	LiYCY-TP	4	4	0,5		differential pressure sensor supply air kitchen	
W-71B4	X4	71B4	OELFLEX 110	2	2	1		outside temperature sensor kitchen	
W-71B5	X4	71B5	LiYCY-TP	4	4	0,5		supply air temperature sensor behind heater kitchen	
W-71B6	X4	71B6	OELFLEX 110	2	2	1		supply air temperature sensor total	
W-71B7	X4	71B7	OELFLEX 110	2	2	1		exhaust air temperature sensor kitchen (option)	
W-71B8	X4	71B8	OELFLEX 110	2	2	1		room temperature sensor kitchen	
W-72W1	X3	72W1	OELFLEX 110	2	2	1		term extension	
W-74B1	X4	74B1	LiYCY-TP	4	4	0,5		differential pressure sensor supply air lobby	
W-74B2	X4	74B2	LiYCY-TP	4	4	0,5		differential pressure sensor exhaust air lobby	
W-74B3	X4	74B3	LiYCY-TP	4	4	0,5		differential pressure sensor heat recovery lobby	
W-74B4	X4	74B4	LiYCY-TP	4	4	0,5		supply air temperature sensor behind heat recovery lobby	
W-74B5	X4	74B5	OELFLEX 110	2	2	1		supply air temperature sensor total lobby	
W-74B6	X4	74B6	OELFLEX 110	2	2	1		exhaust air temperature sensor lobby	

1

1.b

			Datum	28.07.2025	Mc Donald´s DK - Syddjurs ventilation		cable overview : W-32Q1 - W-74B6	= KBL +	Blatt 1.a
		Bearb.	julia.wagner						
		Gepr	M. Wagner						
Änderung	Datum	Name	Urspr		Ersatz von	Ersetzt durch	custom no: 7474	4571a	Blatt 54/ 56



=KBL/1.b

			date	09.07.2025	Mc Donald´s DK - Syddjurs			cabinet view	= SSA	
			edited	julia.wagner	ventilation				+ page 1	
			checked	M. Wagner					page 56/ 56	
change	date	name	origin		replacement for	replaced by		custom no: 7474	4571a	