



# Dankl Dampfsysteme GmbH & Co. KG

Staufenstr. 1

83395 Freilassing Deutschland

Tel.: +49(0)8654 / 779260

Company / customer	SIAD																		
Project description	Boiler Container BCO Distribution 1																		
Job number	1587-0397																		
Commission	SIAD																		
Manufacturer (company)																			
Path																			
Project name	1587-0397_SAID_distrebuton																		
Make	Dankl Dampfsysteme GmbH & Co. KG																		
Type	distribution cabinet																		
Place of installation																			
Responsible for project																			
Part feature																			
Part feature	DIN EN 61439 / 60204																		
	<div data-bbox="1513 1003 2062 1491" data-label="Image"> </div>																		
	<table border="1"> <thead> <tr> <th colspan="2">Wiring colors</th> </tr> </thead> <tbody> <tr> <td>DC - control circuits +24V</td> <td>darkblue</td> </tr> <tr> <td>DC - control circuits -24V</td> <td>darkblue/white</td> </tr> <tr> <td>AC - control circuits 230V</td> <td>red</td> </tr> <tr> <td>AC - neutral conductor</td> <td>lightblue</td> </tr> <tr> <td>AC - load circuit</td> <td>black</td> </tr> <tr> <td>circuits before main switch</td> <td>orange</td> </tr> <tr> <td>Analog signals</td> <td>white</td> </tr> <tr> <td>External circuits</td> <td>orange</td> </tr> </tbody> </table>	Wiring colors		DC - control circuits +24V	darkblue	DC - control circuits -24V	darkblue/white	AC - control circuits 230V	red	AC - neutral conductor	lightblue	AC - load circuit	black	circuits before main switch	orange	Analog signals	white	External circuits	orange
Wiring colors																			
DC - control circuits +24V	darkblue																		
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AC - load circuit	black																		
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External circuits	orange																		
Created on	22.08.2023																		
Edit date	11.10.2023																		
	by (short name) j.hogger																		
	Number of pages 17																		

	Date	19.09.2023	SIAD		Title page / cover sheet		=
	Ed.	j.hogger	Boiler Container BCO Distribution 1				+
Modification	Date	Name	Original			Replaced by	1587-0397
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# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Manufacturer	Part number
	1		VX.8884000	RIT	RIT.8884000
	1	Base/plinth corner piece with base/plinth trim panels, front and rear,	VX.8640023	RIT	RIT.8640023
	2	Base/plinth trim panels, side, sheet steel, optimised design, 200 mm	VX.8640041	RIT	RIT.8640041
	1	Section for cable entry, rear	VX.8618811	RIT	RIT.8618811
=BCO+UV01-26E1	1	Rippenrohrheizkörper 2000W	RRH TR 2000	KRAEMER&KRAUS	KRAE.RRH TR 2000
=BCO+UV01-26E2	1	Rippenrohrheizkörper 2000W	RRH TR 2000	KRAEMER&KRAUS	KRAE.RRH TR 2000
=BCO+UV01-26E3	1	Rippenrohrheizkörper 2000W	RRH TR 2000	KRAEMER&KRAUS	KRAE.RRH TR 2000
=BCO+UV01-30E1	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-30E2	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-30E3	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-30E4	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-30E5	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-30E6	1	LED system light	SZ.2500300	RIT_N	RIT_N.2500300
=BCO+UV01-41E1	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-41E2	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-41E3	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-41E4	1	Feuchtraumwannenleuchte 1x36W, T26	5LS41271C	SITECO	SITECO.5LS41271C
=BCO+UV01-22F1	1	SENTRON Miniature circuit breaker	5SY4320-6	SIE	SIE.5SY4320-6
=BCO+UV01-22F2	1	SENTRON Miniature circuit breaker	5SY4306-6	SIE	SIE.5SY4306-6
=BCO+UV01-22F3	1	SENTRON Miniature circuit breaker	5SY4310-6	SIE	SIE.5SY4310-6
=BCO+UV01-22F4	1	SENTRON Miniature circuit breaker	5SY4310-6	SIE	SIE.5SY4310-6
=BCO+UV01-22F5	1	SENTRON Miniature circuit breaker	5SY4316-6	SIE	SIE.5SY4316-6
=BCO+UV01-23F1	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 10A, D=70MM	5SY4110-6	SIE	SIE.5SY4110-6
=BCO+UV01-23F2	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-23F3	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-23F3	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 10A, D=70MM	5SY4110-6	SIE	SIE.5SY4110-6
=BCO+UV01-24F1	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 10A, D=70MM	5SY4110-6	SIE	SIE.5SY4110-6
=BCO+UV01-24F2	1	CIRCUIT-BREAKER SPRING-L. CONN. 2.5A	3RV2011-1CA25	SIE	SIE.3RV2011-1CA25
=BCO+UV01-25F1	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 10A, D=70MM	5SY4110-6	SIE	SIE.5SY4110-6
=BCO+UV01-26F1	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-26F2	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-26F3	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-28F1	1	RCBO compact 6kA Type A 30mA B16	5SV1316-6KK16	SIE	SIE.5SV1316-6KK16
=BCO+UV01-28F2	1	RCBO compact 6kA Type A 30mA B16	5SV1316-6KK16	SIE	SIE.5SV1316-6KK16
=BCO+UV01-28F3	1	RCBO compact 6kA Type A 30mA B16	5SV1316-6KK16	SIE	SIE.5SV1316-6KK16
=BCO+UV01-28F4	1	SENTRON Miniature circuit breaker	5SY4332-6	SIE	SIE.5SY4332-6
=BCO+UV01-28F5	1	SENTRON Miniature circuit breaker	5SY4332-6	SIE	SIE.5SY4332-6
=BCO+UV01-28F6	1	SENTRON Miniature circuit breaker	5SY4332-6	SIE	SIE.5SY4332-6
=BCO+UV01-30F1	1	SENTRON Miniature circuit breaker	5SY4332-6	SIE	SIE.5SY4332-6
=BCO+UV01-30F2	1	RCCB TYPE A 40/4 30MA 4MW	5SV3344-6	SIE	SIE.5SV3344-6
=BCO+UV01-30F3	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-30F4	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 16A, D=70MM	5SY4116-6	Siemens	SIE.5SY4116-6
=BCO+UV01-30F5	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 13A, D=70MM	5SY4113-6	SIE	SIE.5SY4113-6
=BCO+UV01-41F1	1	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, B, 10A, D=70MM	5SY4110-6	SIE	SIE.5SY4110-6
=BCO+UV01-24K1	1	Temperature controller	603070/0001-6	JUMO	JUMO.603070/0001-6
=BCO+UV01-24K2	1	CONTACTOR,AC3:7,5KW 1NO AC230V 50/60HZ	3RT2018-2AP01	SIE	SIE.3RT2018-2AP01
=BCO+UV01-24K3	1	CONTACTOR,AC3:7,5KW 1NO AC230V 50/60HZ	3RT2018-2AP01	SIE	SIE.3RT2018-2AP01
=BCO+UV01-24K4	1	RDS 4			01316
=BCO+UV01-25K1	1	Relay Module	RIF-1-RPT-LV-230AC/2X21	PXC	PXC.2903331
=BCO+UV01-30K1	1	REMOTE SWITCH 1S AC230V 16A	5TT4101-0	SIE	SIE.5TT4101-0
=BCO+UV01-PE	2	Busbar support	SV.9340040	RIT	RIT.9340040
=BCO+UV01-PE1	2	Busbar support	SV.9340040	RIT	RIT.9340040
=BCO+UV01-21Q1	1				3LD2504-3VK53
=BCO+UV01-30W6	1	Connection cable	SZ.2500400	RIT	RIT.2500400
=BCO+UV01-X1	2	VX SE free-standing enclosure system	SE.5831600	RIT	RIT.5831600
=BCO+UV01-21X0.1	1	Connection adaptor	SV.9342240	RIT	RIT.9342240

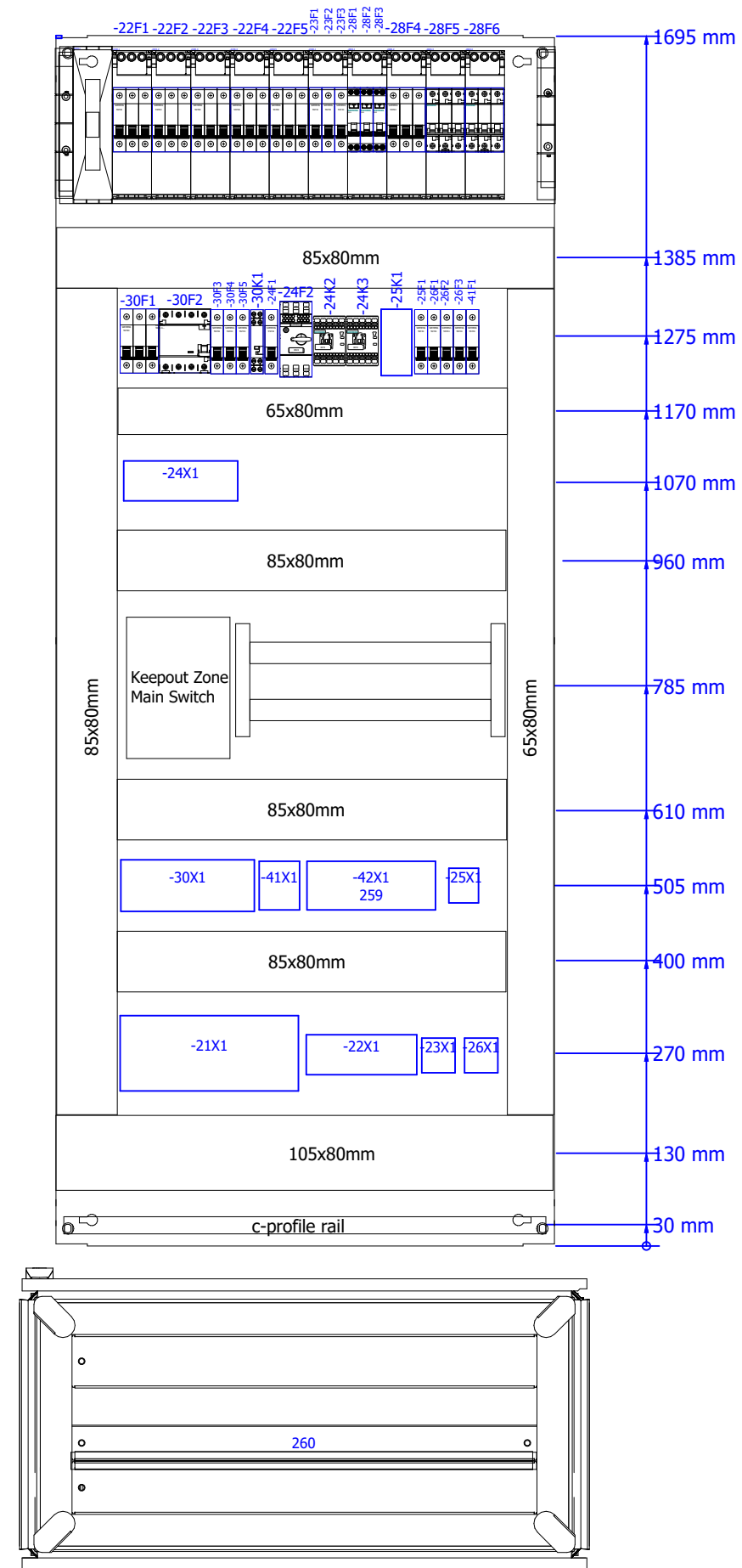
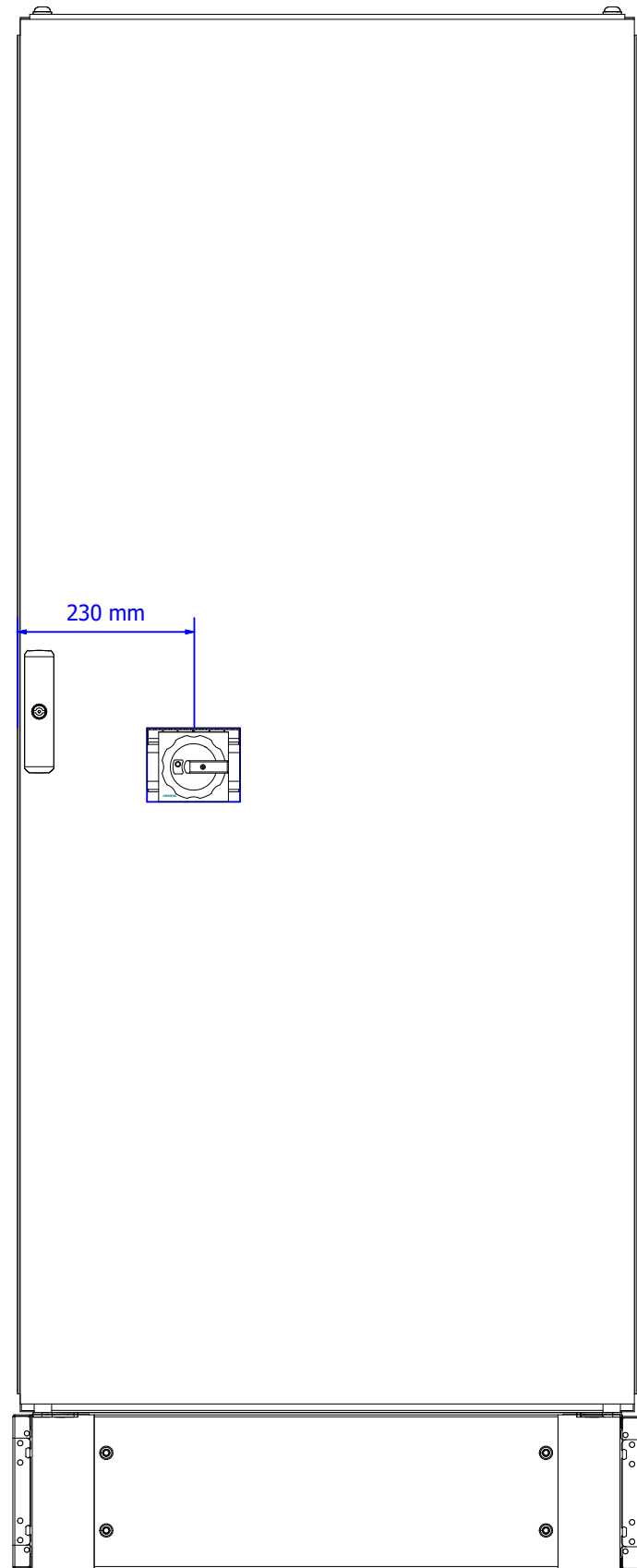
2

3.a

Date	11.10.2023	SIAD		Artikelstückliste : RIT.8884000 - RIT.9342240	=
Ed.	j.hogger				
Appr					
Boiler Container BCO Distribution 1		Replacement of	Replaced by		+
Modification	Date				
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					Page 3
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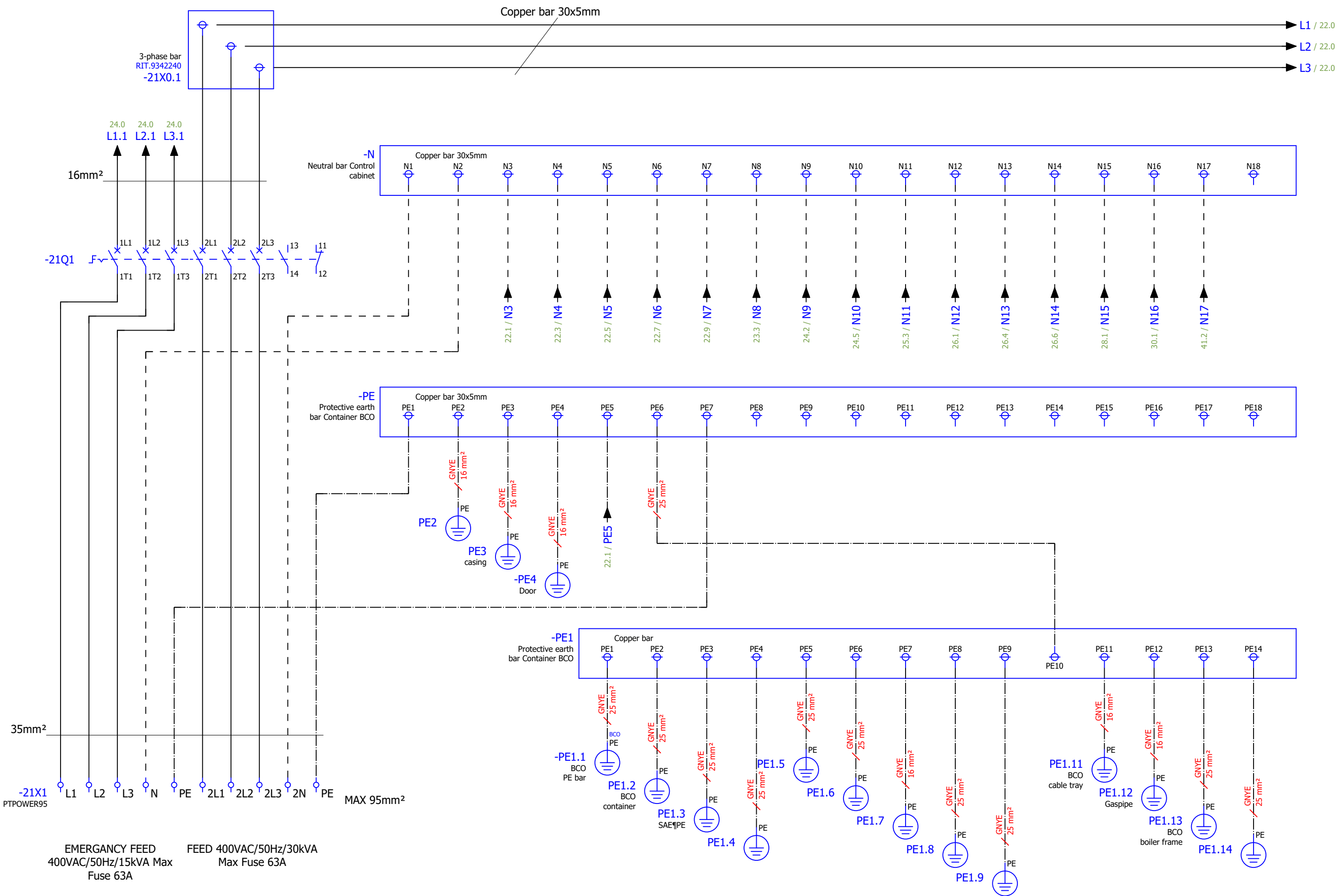
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Date	10.10.2023	SIAD
Ed.	j.hogger	Boiler Container BCO Distribution 1
Appr		



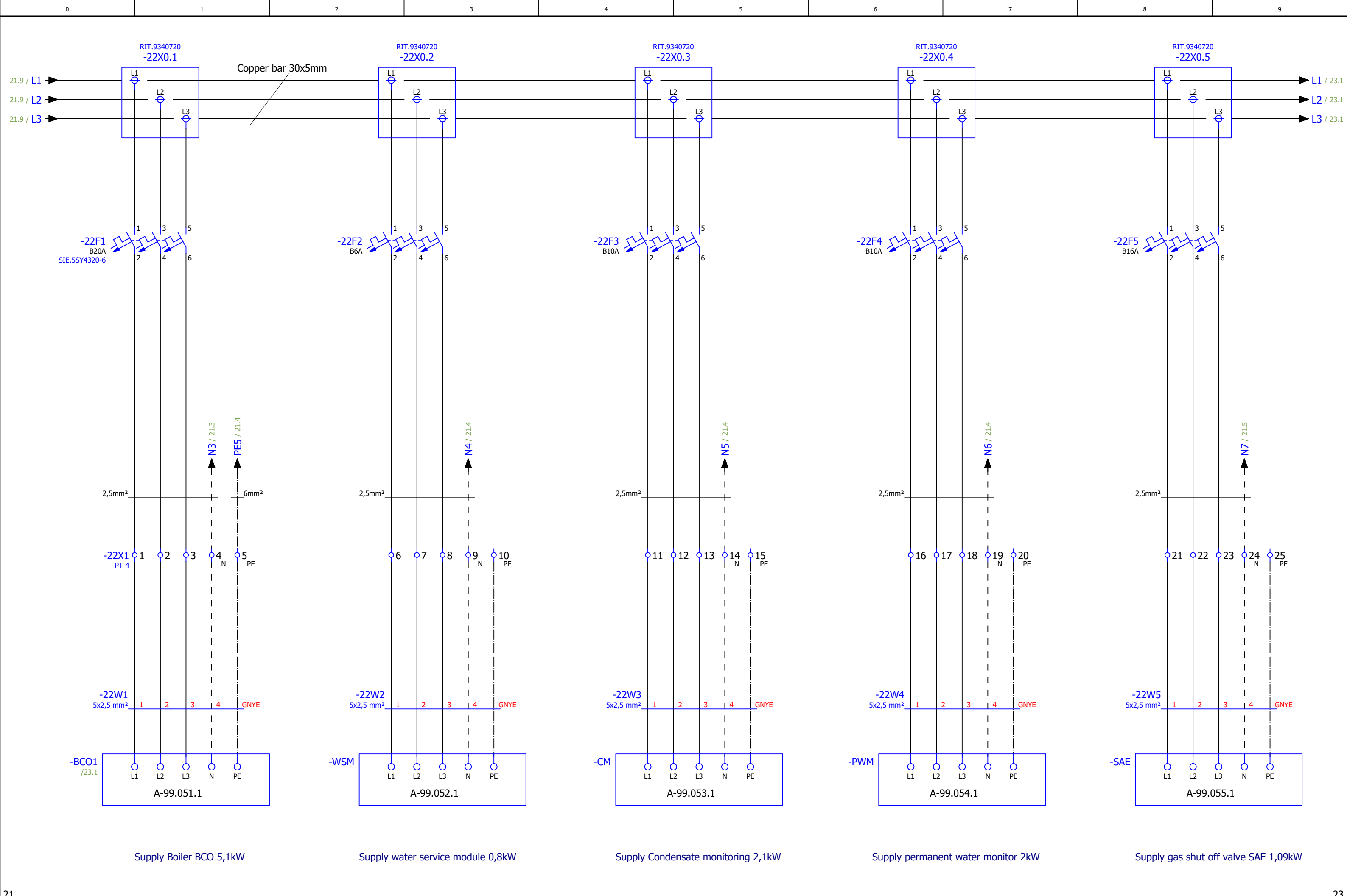
control cabinet overview

= BCO		Page	11
+ UV01		Page	17
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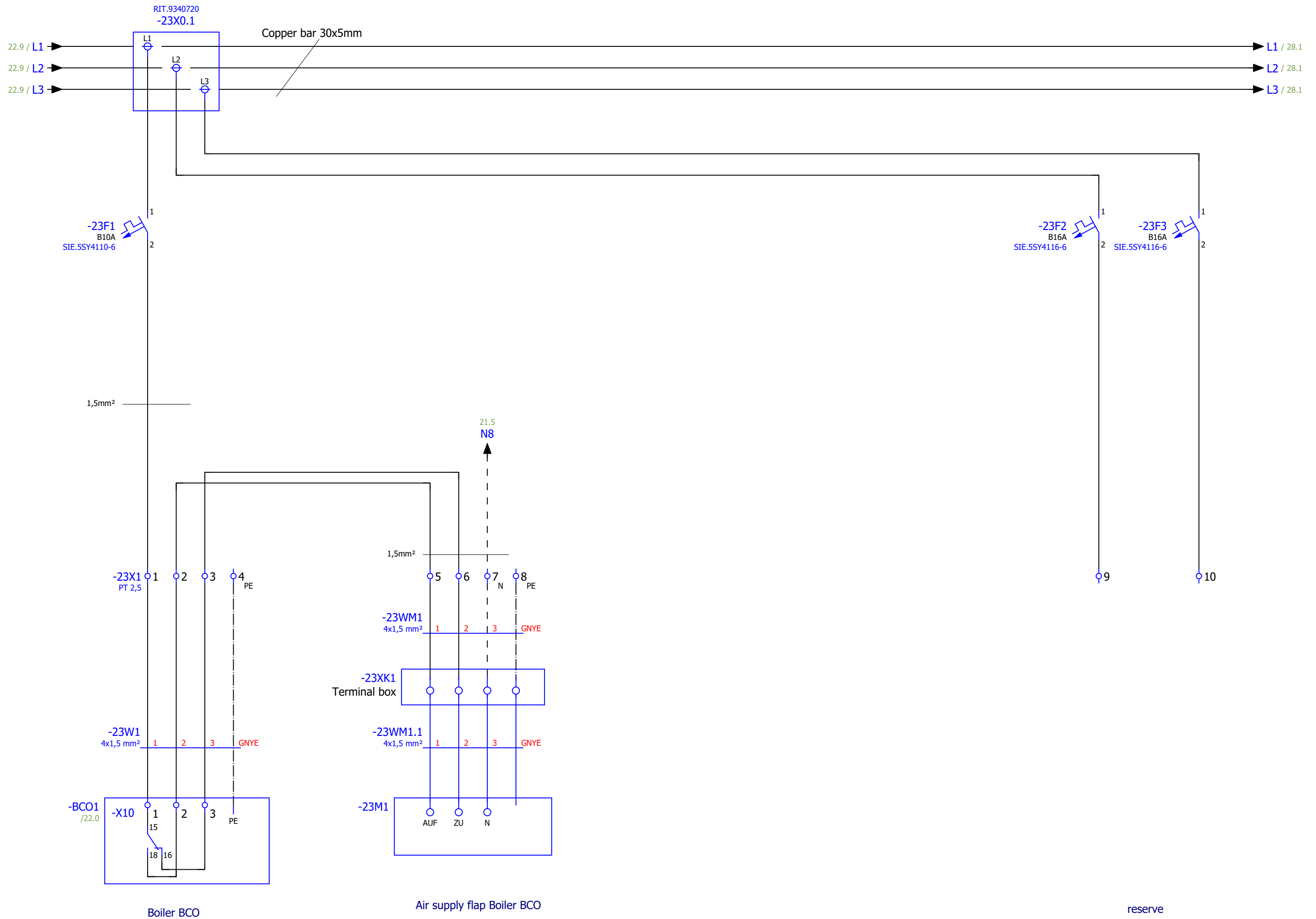


				Date	11.10.2023	SIAD		feed / grounding			= BCO
				Ed.	j.hogger						+ UV01
				Appr							
Modification		Date	Name	Original	Replacement of	Replaced by			1587-0397	Page	21
										Page	17



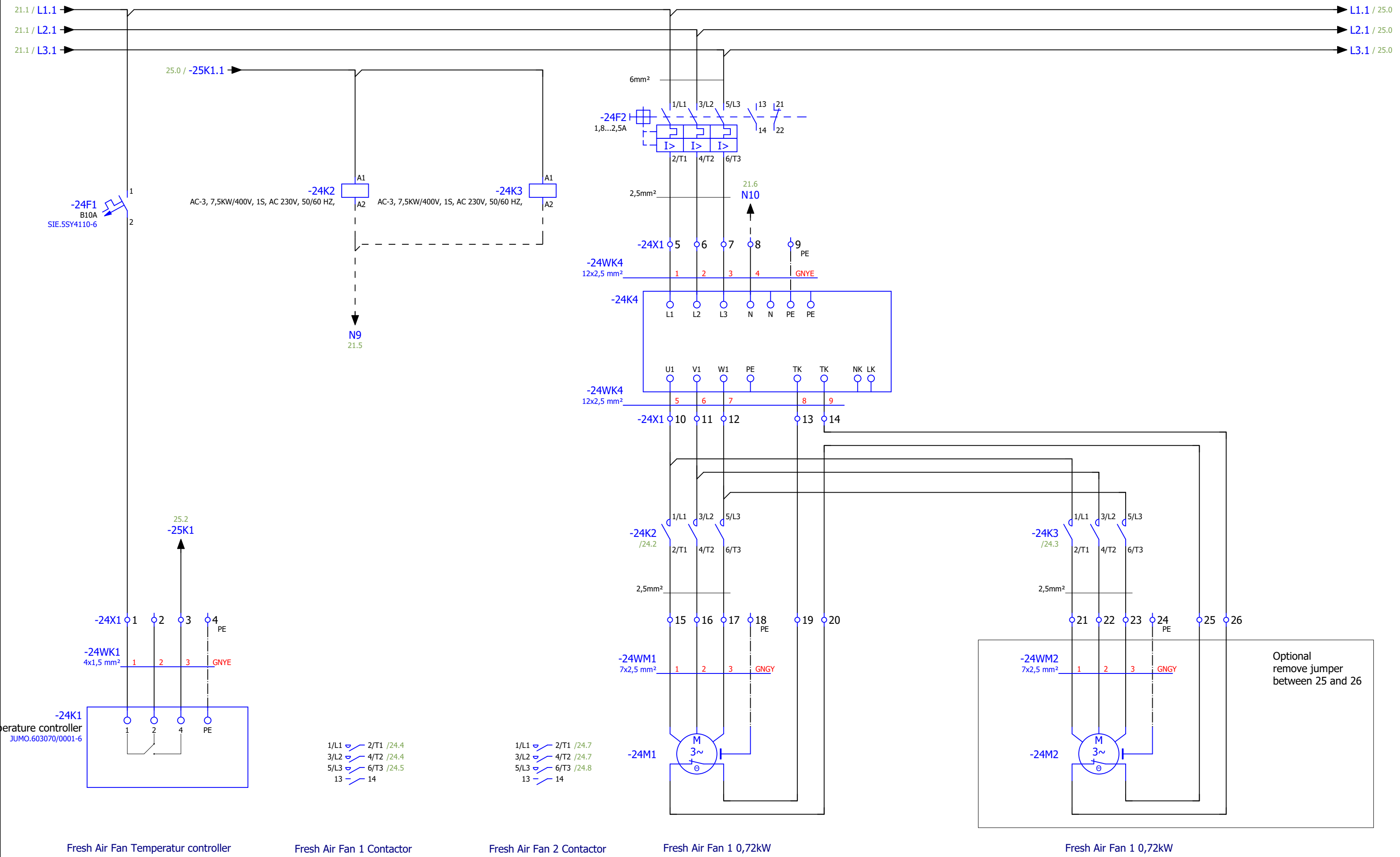






			Date	19.09.2023	SIAD	air supply flap	= BCO + UV01	1587-0397	Page 23
			Ed.	j.hogger					
			Appr						
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Fresh Air Fan Temperatur controller

Fresh Air Fan 1 Contactor

Fresh Air Fan 2 Contactor

Fresh Air Fan 1 0,72kW

Fresh Air Fan 1 0,72kW

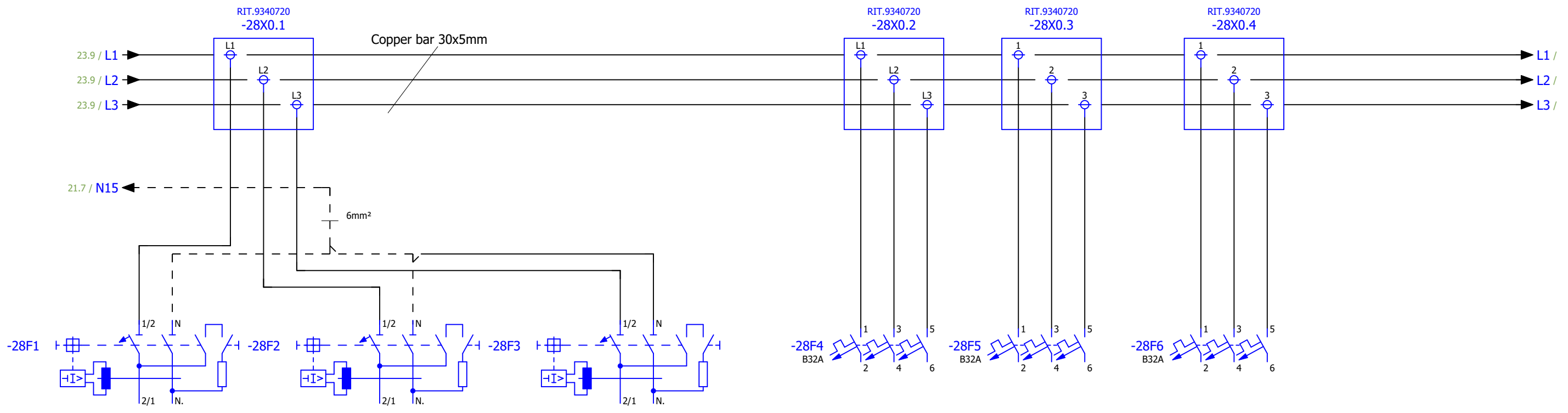
				Date	19.09.2023	SIAD				= BCO	
				Ed.	j.hogger	Boiler Container BCO Distribution 1				+ UV01	
				Appr.		Replacement of		Replaced by		1587-0397	
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fresh air fan







reserve 230V 1

reserve 230V 2

reserve 230V 3

reserve 400V 1

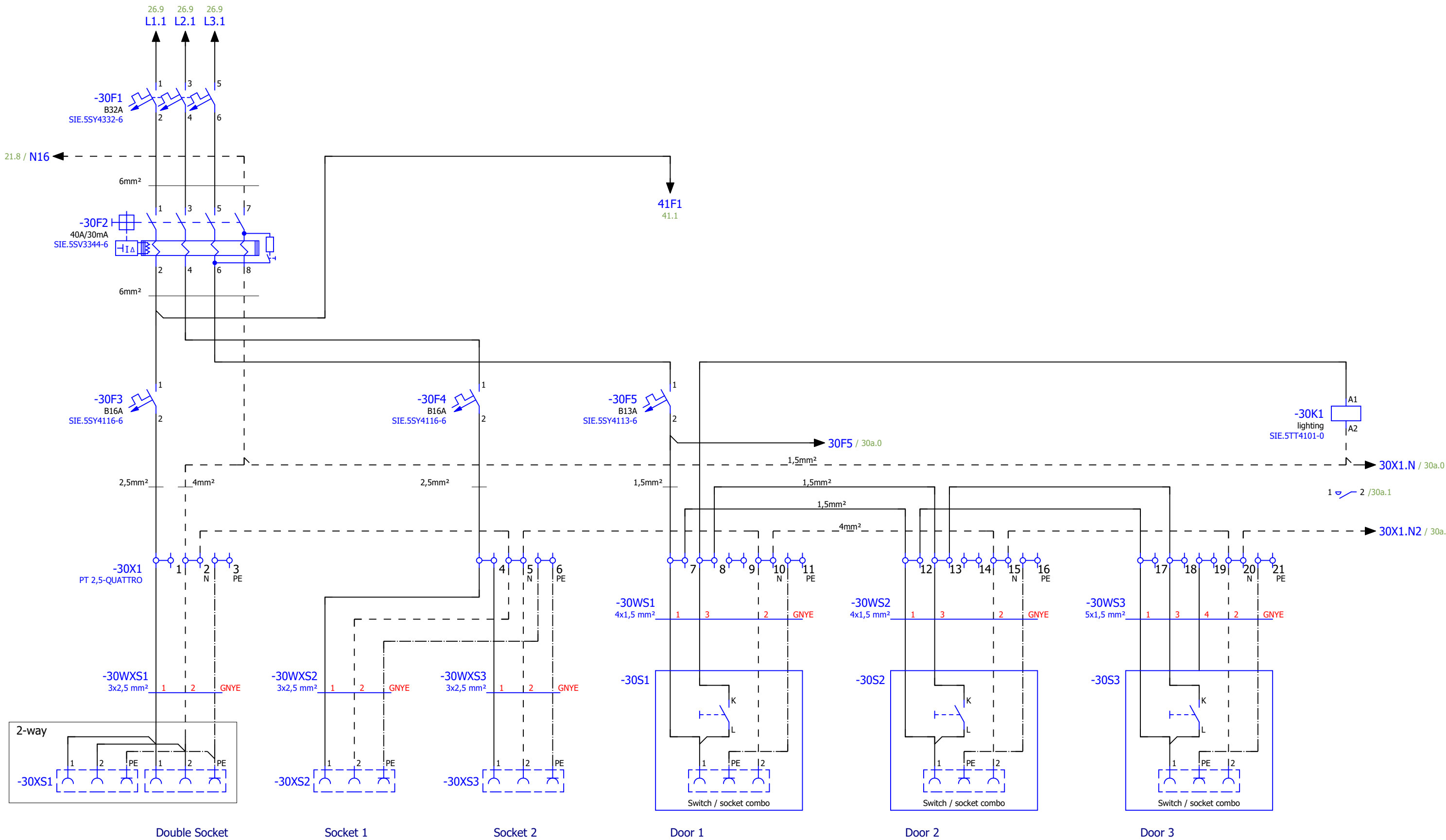
reserve 400V 2

reserve 400V 3

				Date	19.09.2023	SIAD								= BCO	
				Ed.	j.hogger	Boiler Container BCO Distribution 1								+ UV01	
				Appr		Replacement of		Replaced by				1587-0397		Page	28
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reserve 230V / 400V



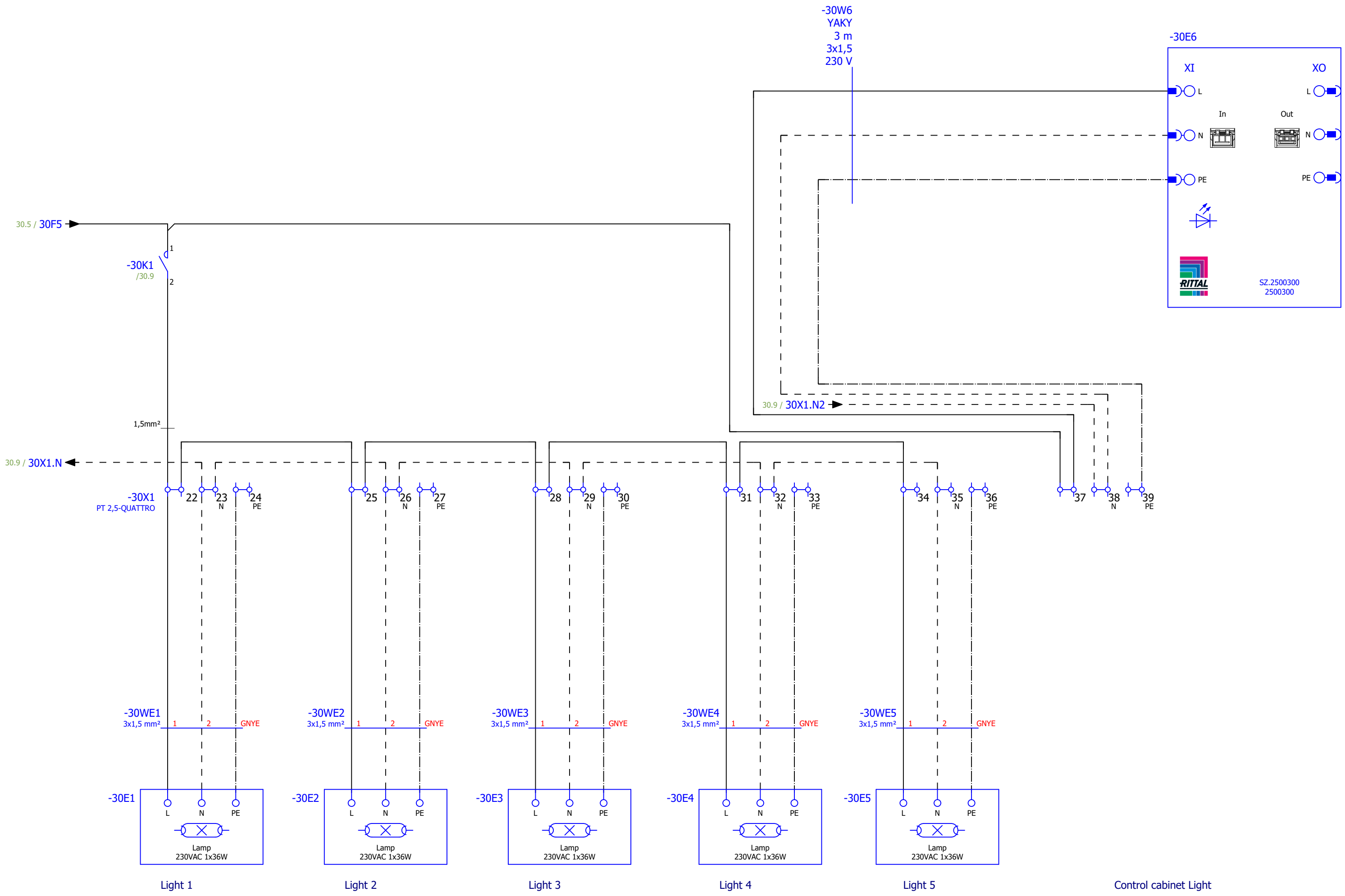
Modification	Date	Name	Original	Replaced by

Date	19.09.2023
Ed.	j.hogger
Appr.	
SIAD	Boiler Container BCO Distribution 1



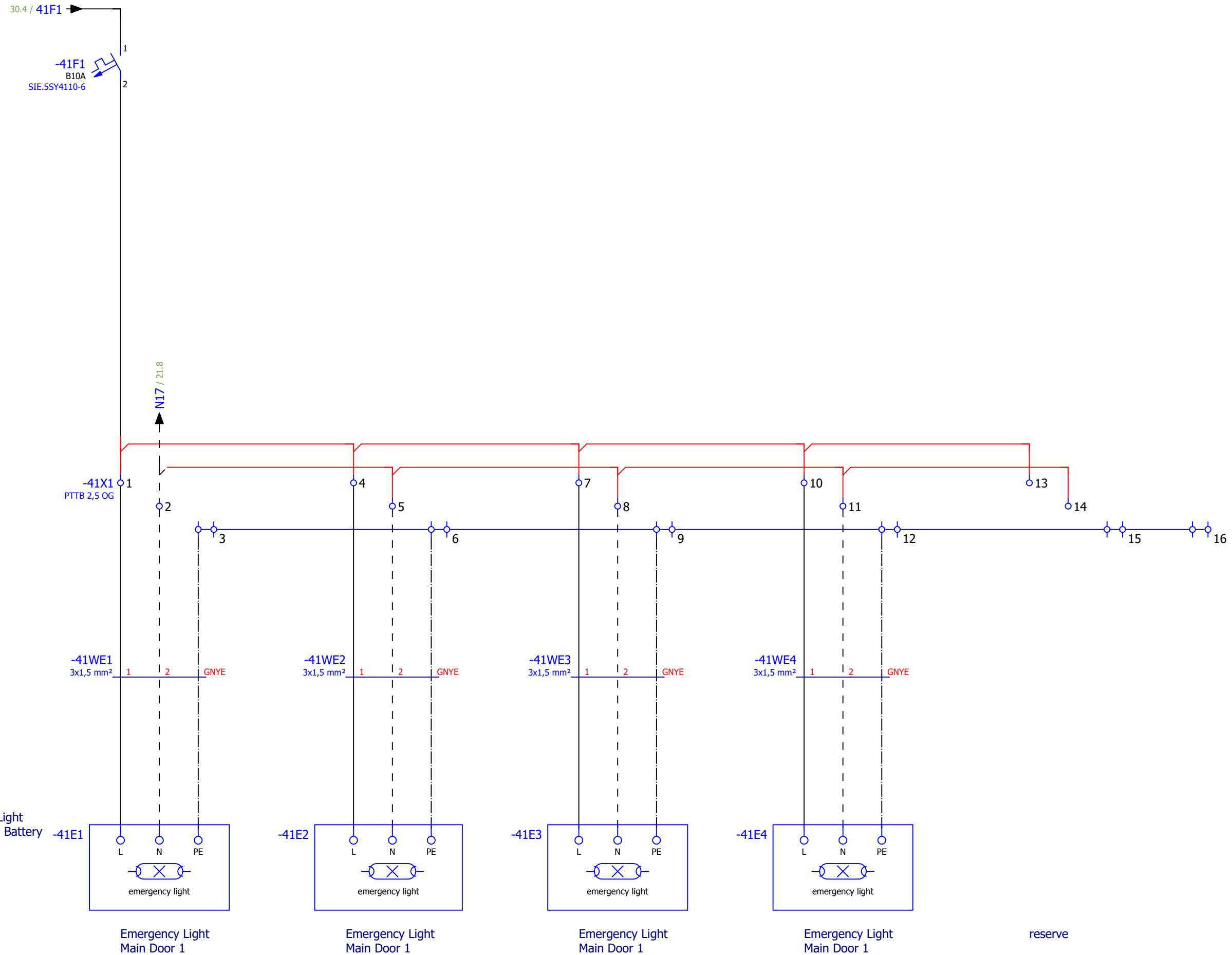
sockets / lighting

= BCO		Page	30
+ UV01		Page	17
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				Date	19.09.2023	SIAD				lighting		= BCO	
				Ed.	j.hogger	Boiler Container BCO Distribution 1				+ UV01			
				Appr		Replacement of				Replaced by		1587-0397	
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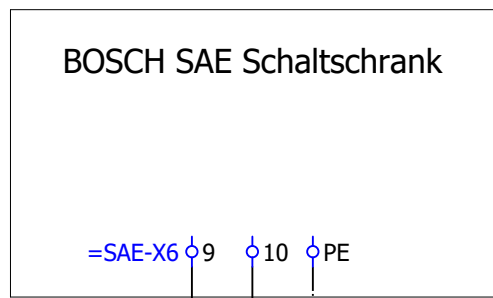




30a

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			Date	19.09.2023	SIAD		Emergency Light	= BCO + UV01	1587-0397	Page 41
			Ed.	j.hogger						
			Appr							
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=SAE-W16-X6  
3x1,5 mm<sup>2</sup>

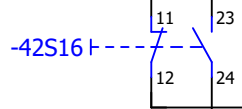
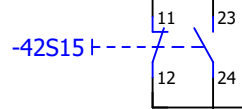
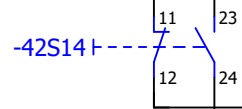
=SAE-X6 9 10 PE

-42X1  
PTTB 2,5 OG

-42WS14  
5x1,5 mm<sup>2</sup>

-42WS15  
5x1,5 mm<sup>2</sup>

-42WS16  
5x1,5 mm<sup>2</sup>



Emergency Stop  
Stop Main door outside

Emergency Stop  
1

Emergency Stop  
2

Emergency Stop  
reserve

-BCO

YCSG15200-16A  
YCSG15200-16A.1  
YCSG15200-01  
YCSG15200-01.1  
PE-EXT

YSSG15200-16  
YSSG15200-16.1  
YSSG15200-01  
YSSG15200-01.1  
YSSG15200-04  
YSSG15200-04.1  
PE-EXT

HSSG15200-ESD  
HSSG15200-ESD.1  
PE-EXT

-SIAD

-42WEXT  
6x1

-42WEXT1  
12x1

-42WEXT2  
4x1

YCSG15200-ESD  
YCSG15200-ESD.1

YCSG15200-16A  
YCSG15200-16A.1  
YCSG15200-01  
YCSG15200-01.1

YSSG15200-16  
YSSG15200-16.1  
YSSG15200-01  
YSSG15200-01.1  
YSSG15200-04  
YSSG15200-04.1

HSSG15200-ESD  
HSSG15200-ESD.1

Date	11.10.2023
Ed.	j.hogger
Appr	
Modification	Date
Name	
Original	

SIAD	
Boiler Container BCO Distribution 1	
Replacement of	Replaced by



Emergency Stop

= BCO	
+ UV01	
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