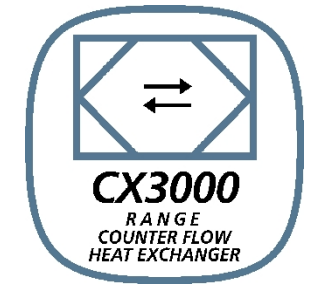


GB

CX3010-CX3020 Diagramme de câblage


Systeme de régulation EXcon




CX3010 & CX3020

0400101

230VAC - Temperature deicing
CX3010: 500 m³/h
CX3020: 900 m³/h

	Project: CX3010 & CX3020	Start date: 24-08-2022	Constructor: DKTSA	Page: 1	
		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 0	
Drawing number: 0400101	Revision: D	Page Title: Project information	Replaces: Rev. C	Scale: 1:1	Next page: 2
			EC no.:	Format:	Pages in total: 39

Page	Title	Page remarks	Last edit
1	Project information		22-12-2022
4	Standards		26-05-2023
5	Component overview		22-12-2022
10	E-box lay-out		26-05-2023
11	Terminals		10-05-2023
12	Main power		10-05-2023
13	Main power		16-06-2023
14	Terminal wiring EXcon Master		22-12-2022
15	Terminal wiring EXT module (1)		22-12-2022
16	Terminal wiring EXT module (2)		22-12-2022
17	PTH connections		22-12-2022
20	Configurations		22-12-2022
21	Configuration 1: No coils		22-12-2022
22	Configuration 2: HCW		22-12-2022
23	Configuration 3: HCE		22-12-2022
24	Configuration 4: CCW		22-12-2022
25	Configuration 5: Preheater		22-12-2022
26	Configuration 6: HCW+CCW		22-12-2022
27	Configuration 7: HCE+CCW		22-12-2022
28	Configuration 8: Preheater+HCW		22-12-2022
29	Configuration 9: Preheater+CCW		16-06-2023
30	Configuration 10: Preheater+HCE		22-12-2022
31	Configuration 11: Preheater+HCW+CCW		16-06-2023
32	Configuration 11: Preheater+HCW+CCW		22-12-2022
33	Configuration 12: Preheater+HCE+CCW		22-12-2022
34	Configuration 12: Preheater+HCE+CCW		22-12-2022
35	Configuration 13: C-O CW (Combi-Coil)		22-12-2022
36	Configuration 14: Preheater+Combi-Coil		22-12-2022
37	Optional accessories		16-06-2023

	Project: CX3010 & CX3020		Start date: 24-08-2022	Constructor: DKTSA	Page: 2
	Revision: D		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 1
Drawing number: 0400101	Page Title: Table of Contents		Replaces: Rev. C	Scale: 1:1	Next page: 3
			EC no.:	Format:	Pages in total: 39

Identification of wires by colour

400/230VAC Main current:

Phase: Black
 Neutral: Blue
 Earth: Green/Yellow

230/24VAC Pilot current:

Phase: Red
 Neutral: Blue
 Earth: Green/Yellow

24VDC Pilot current:

Positive (+): Red
 Negative (-): White

Signals:

Temperature: White
 Dry contact: White
 Analog: White
 Digital: White

Unknown potential:

All: Orange

Abbreviations of colours (according to IEC 60757)

Black	BK
Brown	BN
Red	RD
Orange	OG
Yellow	YE
Green	GN
Blue	BU
Light Blue	BU
Violet	VT
Gray	GY
White	WH
Pink	PK
Gold	GD
Turquoise	TQ
Silver	SR
Green/Yellow	GNYE

Other standards

Labelling of cables and cores (according to IEC 62491): Method CR

Method	Description
0	No labelling
A	Use of designated cables or cores
R	Identification labelling by means of reference designation (including cable number)
CL	Local-end connection labelling
CR	Remote-end connection labelling
CB	Both-end connection labelling
S	Signal labelling



Project:
CX3010 & CX3020

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0400101

Revision:
D

Page Title:
Standards

Component	Function	Position
+A1	Control system panel	/10.5
+A2	CX-unit	/10.1
+A3	Coil-box	/10.2
+A4	Customer accessory	/10.2
-BG1	PIR sensor	/37.5
-BQ1	CO2 sensor	/37.6
-BQ2	Air quality sensor	/38.9
-E1	Electrical post-heater	/23.4
-E2	Electrical pre-heater	/25.4
-E3	Combi-coil	/35.4
-F1	Fuse for Main supply	/12.3
-F2	Fuse for EXcon Master	/13.3
-F3	Fuse for external connections	/13.3
-F4	Fuse for Supply fan	/12.5
-F5	Fuse for Exhaust fan	/12.7
-K1	EXcon Master	/14.2
-K27	Extension modul (1)	/15.2
-K30	Extension modul (2)	/16.2
-M1	Supply fan	/12.5
-M2	Exhaust fan	/12.7
-M3	Bypass motor	/14.8
-M4	Circulation pump HCW	/22.0
-M5	Circulation pump CCW	/24.1
-M6	Circulation pump Combi-coil	/35.0
-P1	Dual PTH: Filter pressure	/17.2
-P4	PTH 4000: Constant pressure regulation supply air	/38.5
-P5	PTH 4000: Constant pressure regulation extract air	/38.7
-PH1	HMI standard	/38.1
-PH2	HMI option	/38.7



Project:
CX3010 & CX3020

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Drawing number:
0400101

Revision:
D

Page Title:
Component overview

Replaces: Rev. C Scale: 1:1 Next page: 6

EC no.: Format: Pages in total: 39

Component	Function	Position
-R1	Resistor for +10V to Exhaust air fan	/15.2
-R2	Resistor for +10V to Supply air fan	/15.3
-S1	Main switch	/12.1
-T1	Power supply 230VAC/2x24VDC	/13.3
-TE1.1	Extract air temperature	/15.5
-TE1.2	Exhaust air temperature	/17.3
-TE2.1	Outdoor air temperature	/17.3
-TE2.1-PRHE	Outdoor air temperature before pre-heater	/25.7
-TE2.2	Supply air temperature	/21.7
-TE-OT	Outdoor temperature	/38.3
-TE-RPT	Clamp-on temp. sensor RPT HCW	/22.6
-TE-RPT-CC	Clamp-on temp. sensor RPT Combi-Co	/35.6
-TE-RT	Room temperature	/38.5
-TE-SPT	Clamp-on temp. sensor SPT CCW	/24.7
-W1	Main power supply cable	/12.1
-X1	Terminals for Main supply	/12.1
-X1_EXT(2)	Terminals for Coil-box	/16.2
-X2	Terminals for fans	/12.5
-X3	Terminal for fuses 24V	/13.3
-X4	Terminals for Circulation pumps 230V	/13.8
-X5	Terminals for External customer connections	/15.5
-X_BP	Plug bypass motor	/14.8
-X_FAN EX	Plug Exhaust fan	/12.7
-X_FAN SU	Plug Supply fan	/12.5
-X_RJ12.3	Modbus T-split	/38.2
-Y1	Valve HCW	/22.2
-Y2	Valve CCW	/24.2
-Y3	Valve Combi-coil	/35.2



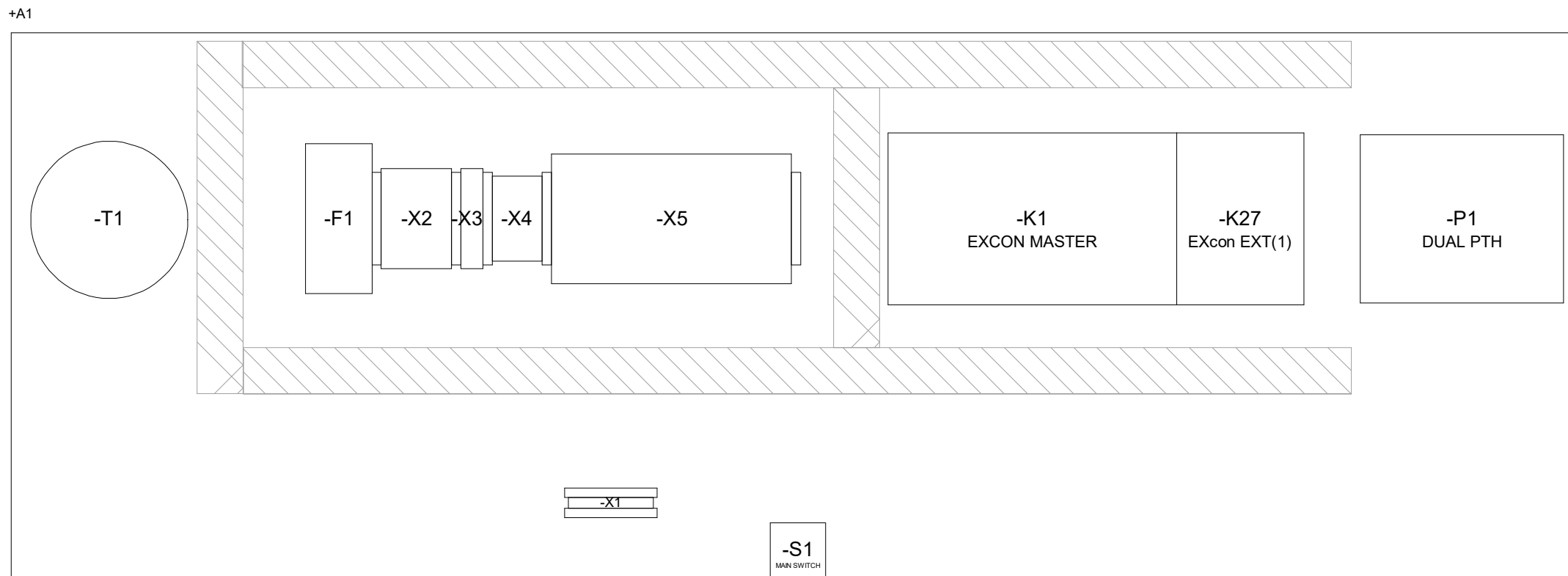
Project:
CX3010 & CX3020


Start date:	24-08-2022	Constructor:	DKTSA	Page:	6
Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	5
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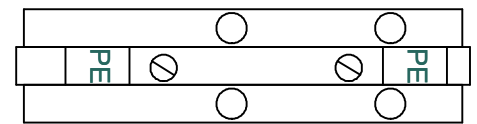
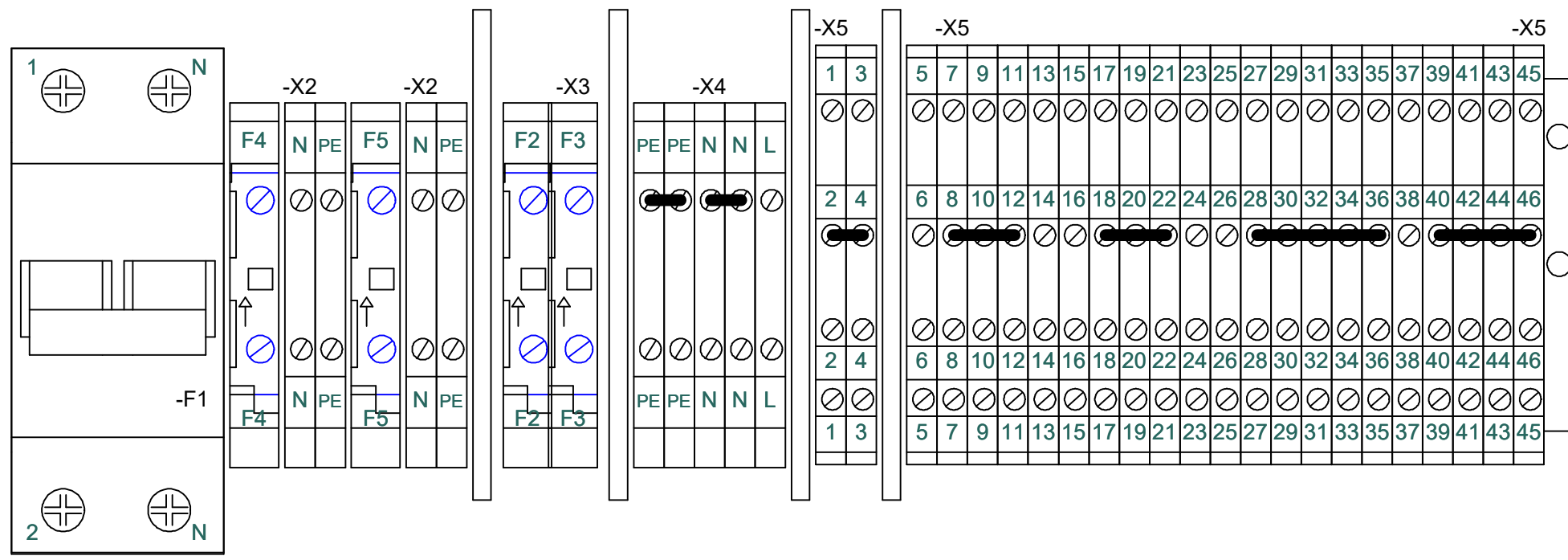
Drawing number:
0400101

Revision:
D

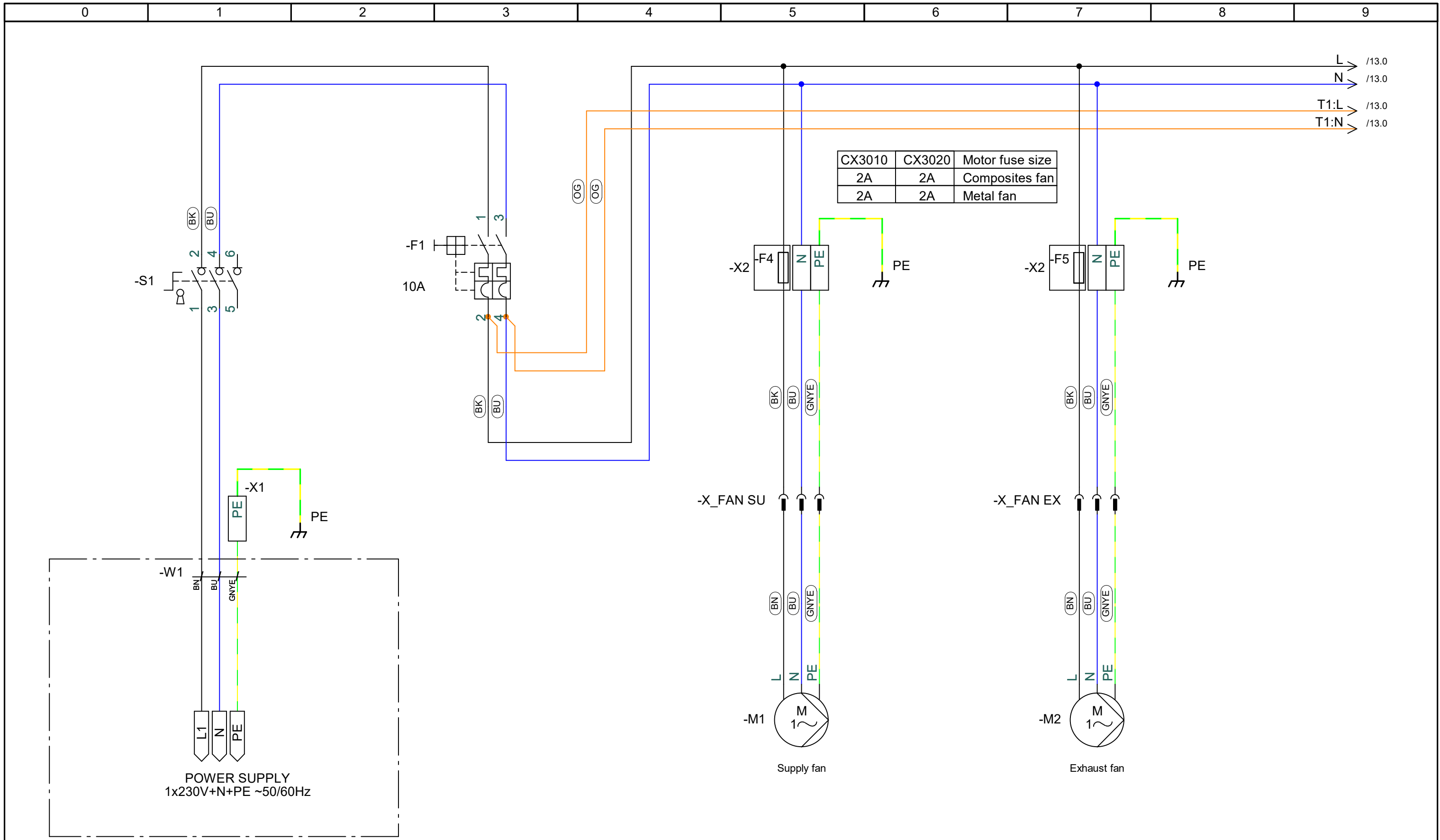
Page Title:
Component overview



	Project: CX3010 & CX3020	Start date: 24-08-2022	Constructor: DKTSA	Page: 10	
		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 6	
Drawing number: 0400101	Revision: D	Page Title: E-box lay-out	Replaces: Rev. C	Scale: 1:3	Next page: 11
			EC no.:	Format:	Pages in total: 39



	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	11
	Drawing number:		Revision:	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
0400101	D	Page Title:	Replaces:	Rev. C	Scale:	1:1	Next page:	12
		Terminals	EC no.:		Format:		Pages in total:	39



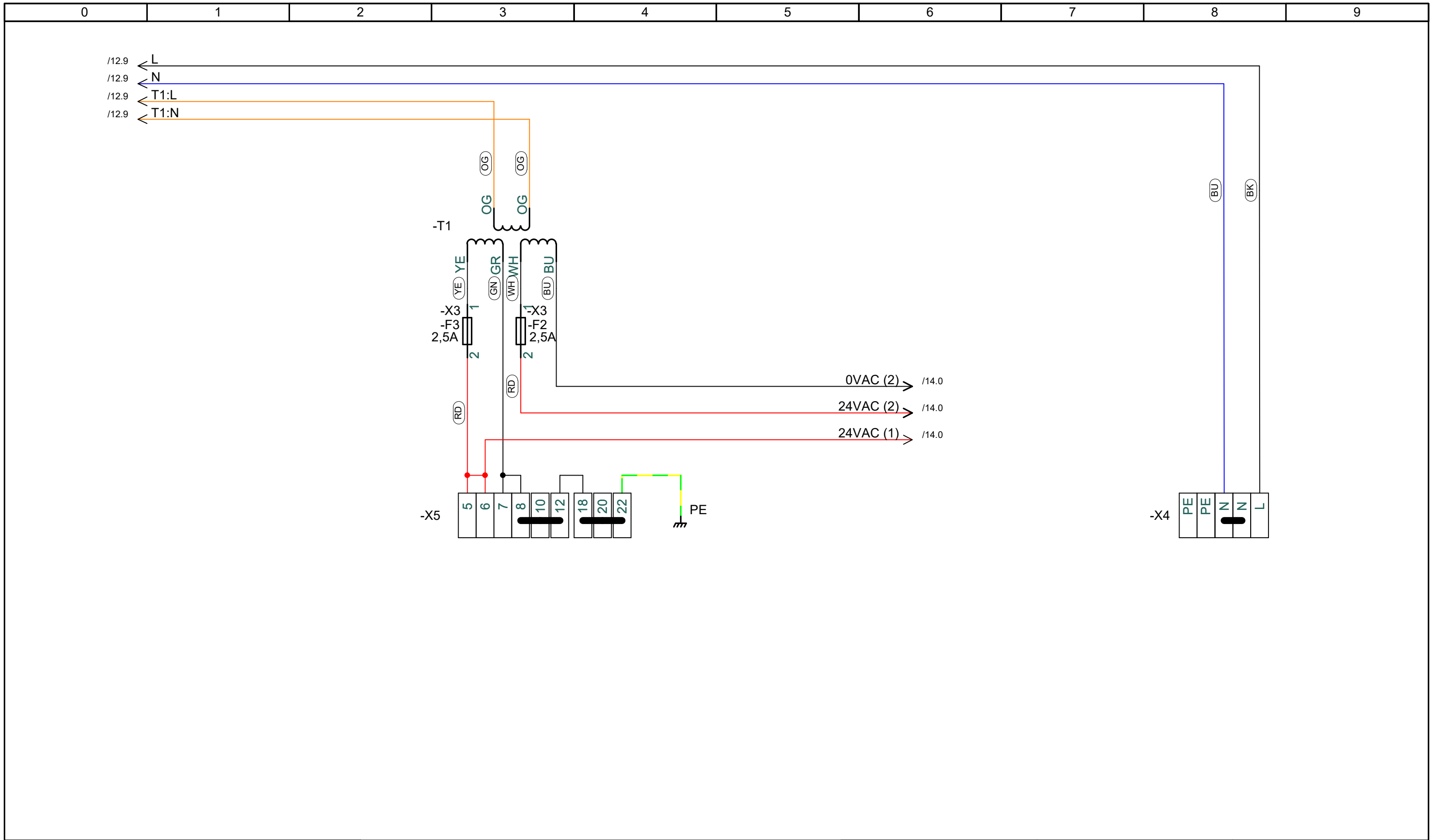
Project:
CX3010 & CX3020

Start date:	24-08-2022	Constructor:	DKTSA	Page:	12
Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	11
Replaces:	Rev. C	Scale:	1:1	Next page:	13
EC no.:		Format:		Pages in total:	39

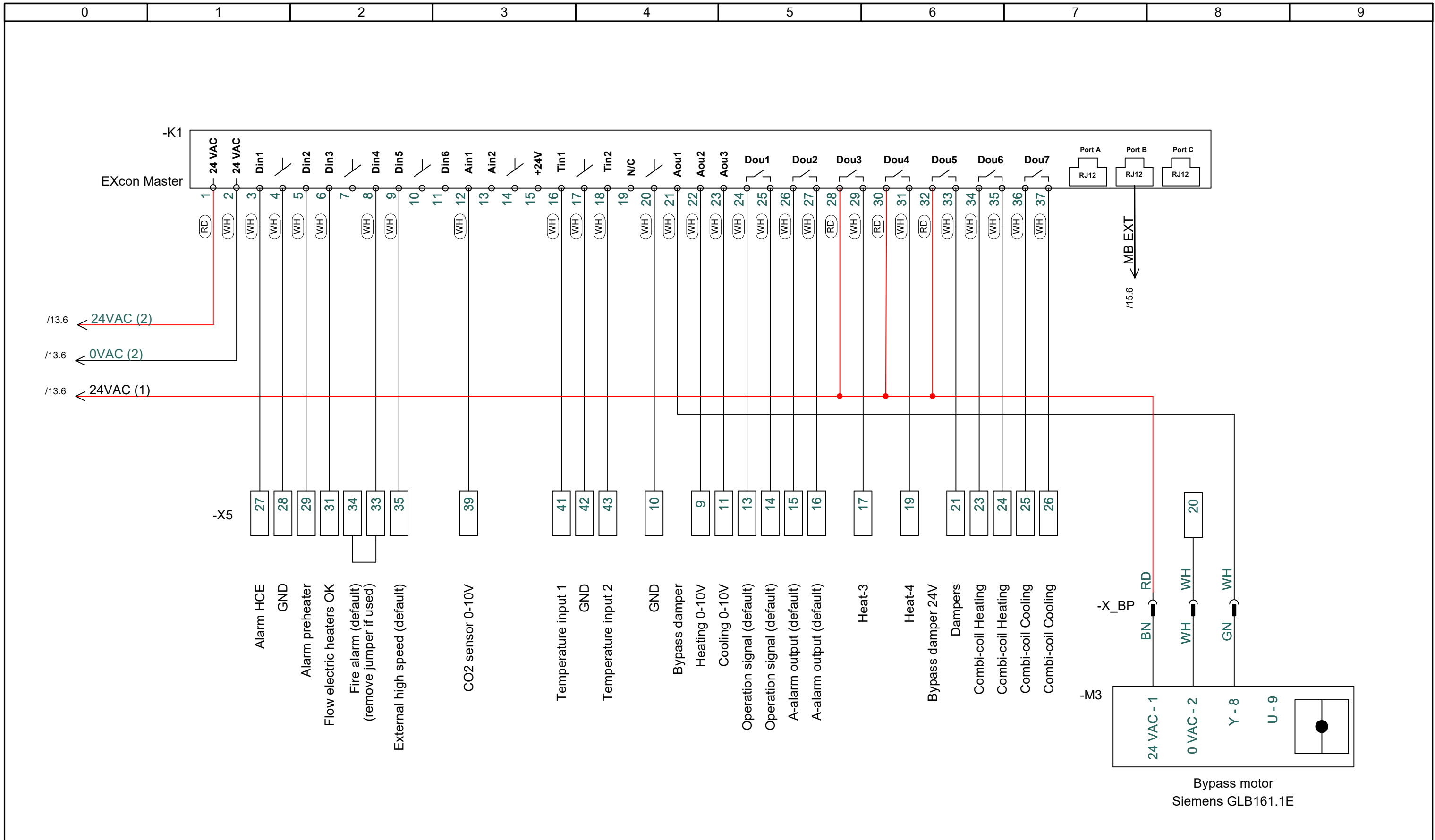
Drawing number:
0400101


Revision:
D

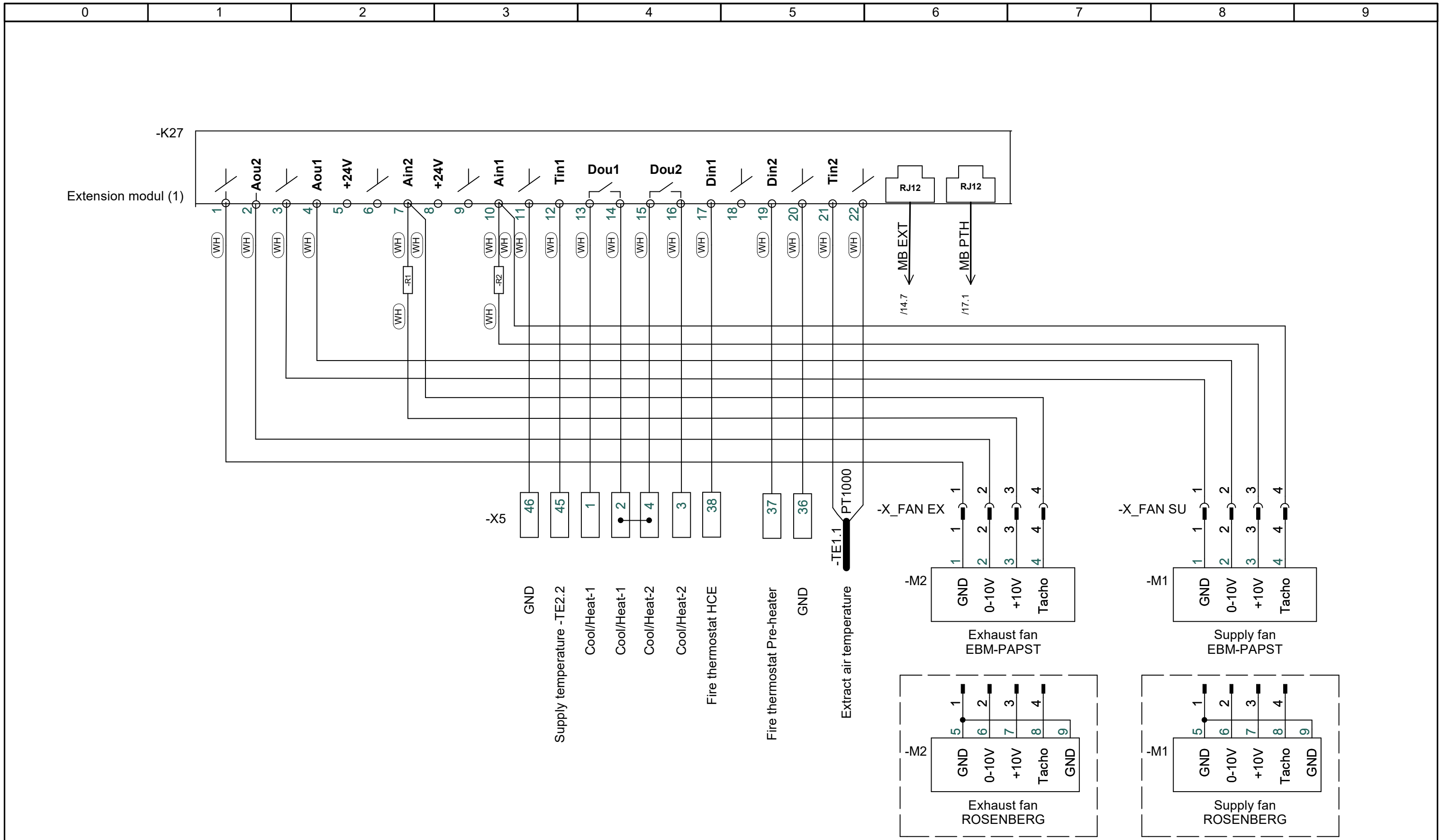
Page Title:
Main power




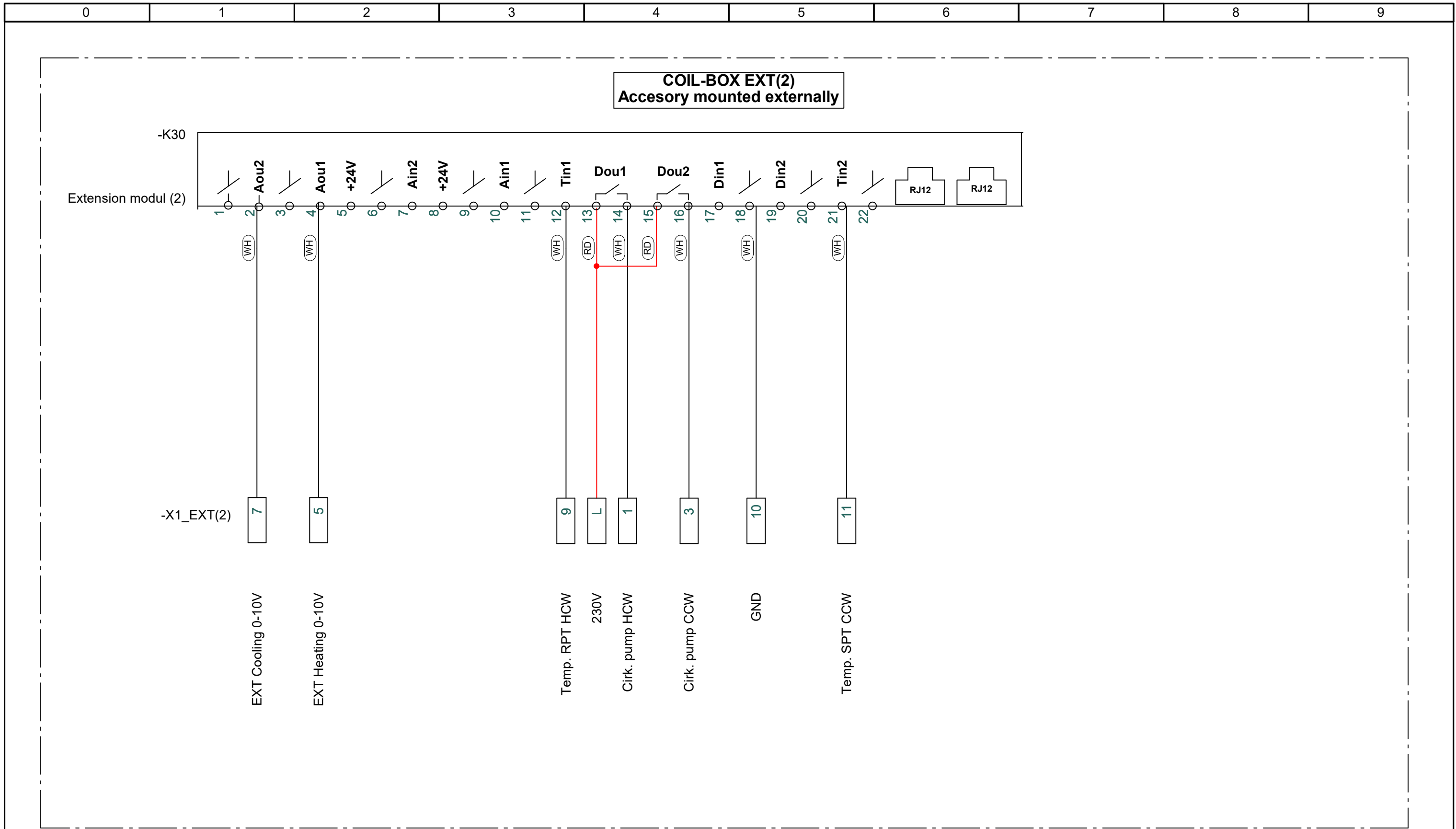
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		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 12	
Drawing number: 0400101	Revision: D	Page Title: Main power	Replaces: Rev. C	Scale: 1:1	Next page: 14
			EC no.:	Format:	Pages in total: 39



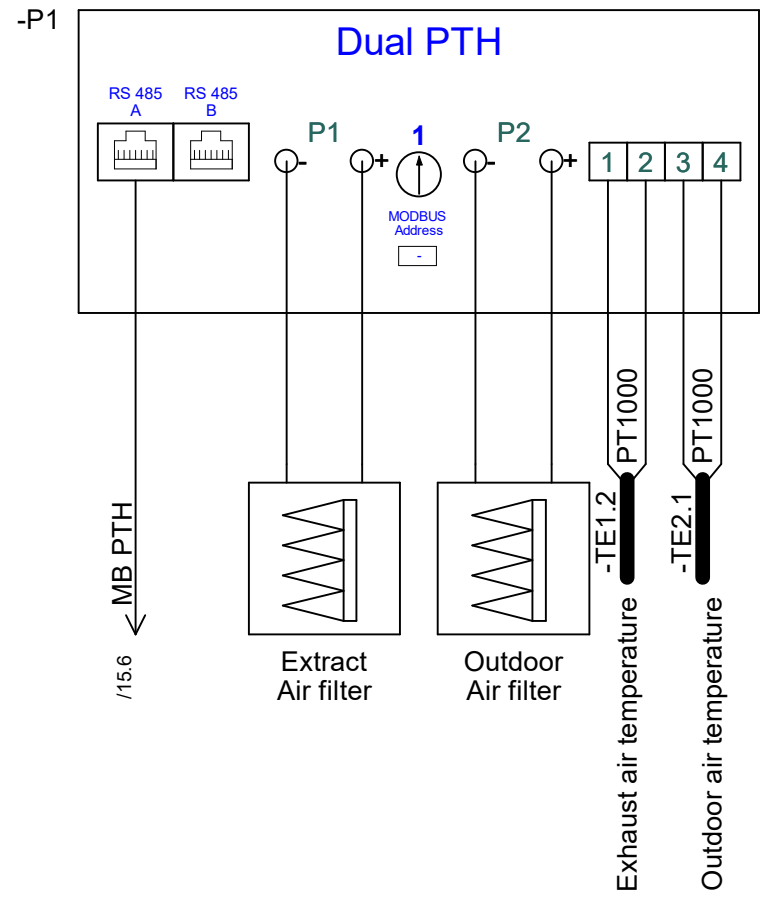
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	CX3010 & CX3020	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	13
Drawing number:	Revision:	Page Title:	Replaces:	Rev. C	Scale:	1:1	Next page:
0400101	D	Terminal wiring EXcon Master	EC no.:		Format:		Pages in total:
							15
							39



	Project:	Start date:	24-08-2022	Constructor:	DKTSA	Page:	15
	CX3010 & CX3020	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	14
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0400101	D	Terminal wiring EXT module (1)	EC no.:	Format:		Pages in total:	39



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	Drawing number: 0400101	Revision: D	Revision date: 08-11-2023	Approved by: DKLEG
Page Title: Terminal wiring EXT module (2)		Replaces: Rev. C	Scale: 1:1	Next page: 17
		EC no.:	Format:	Pages in total: 39



**When external -TE2.1-PRHE sensor is mounted, this is used as outdoor temperature sensor and -TE2.1 is used as preheater temperature sensor.*



Project:
CX3010 & CX3020


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Replaces:	Rev. C	Scale:	1:1	Next page:	20
EC no.:		Format:		Pages in total:	39

Drawing number:
0400101

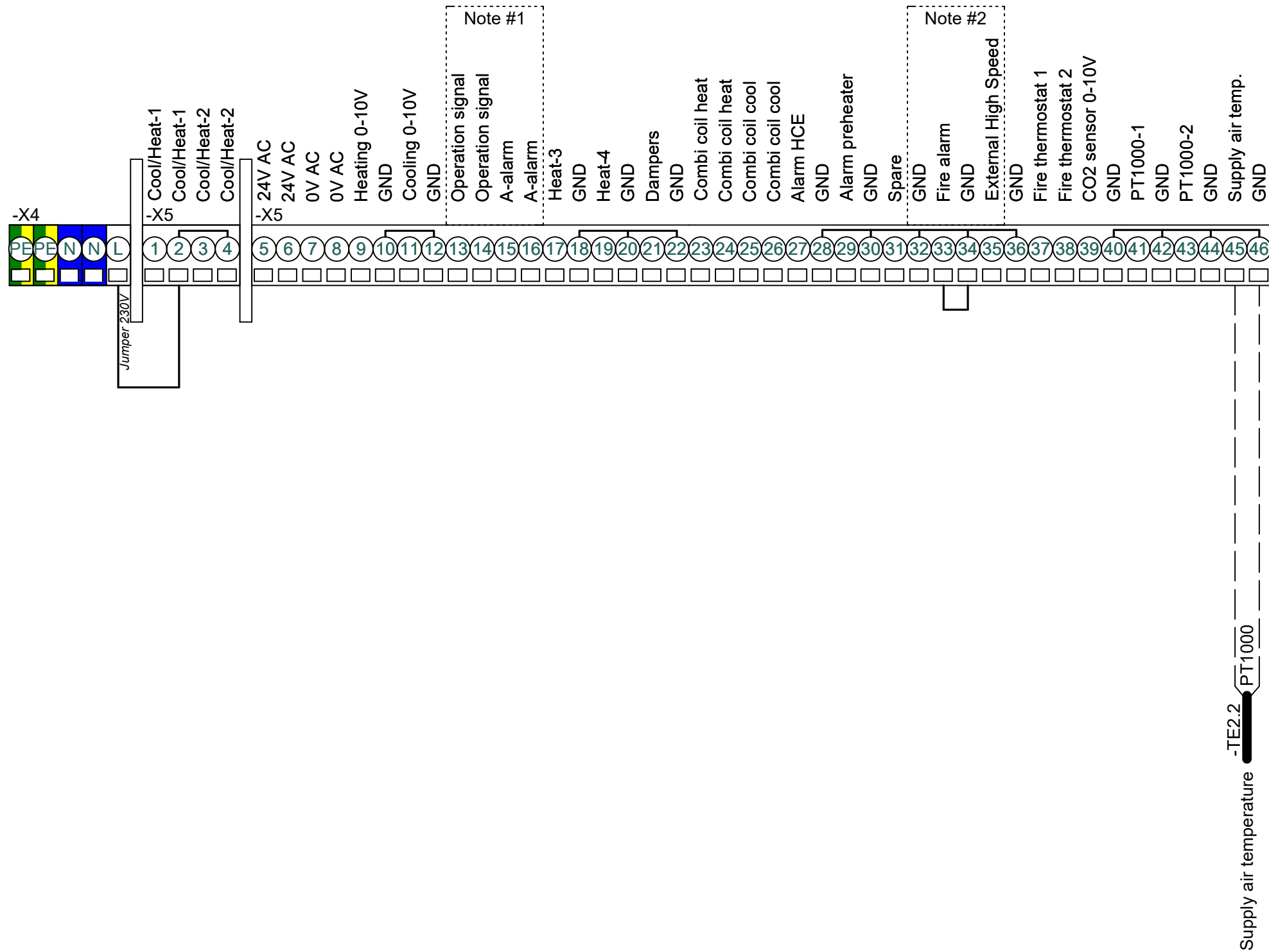
Revision:
D

Page Title:
PTH connections

Configurations

	Project: CX3010 & CX3020	Start date: 24-08-2022	Constructor: DKTSA	Page: 20	
		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 17	
Drawing number: 0400101	Revision: D	Page Title: Configurations	Replaces: Rev. C	Scale: 1:1	Next page: 21
			EC no.:	Format:	Pages in total: 39

Configuration 1: No Coils



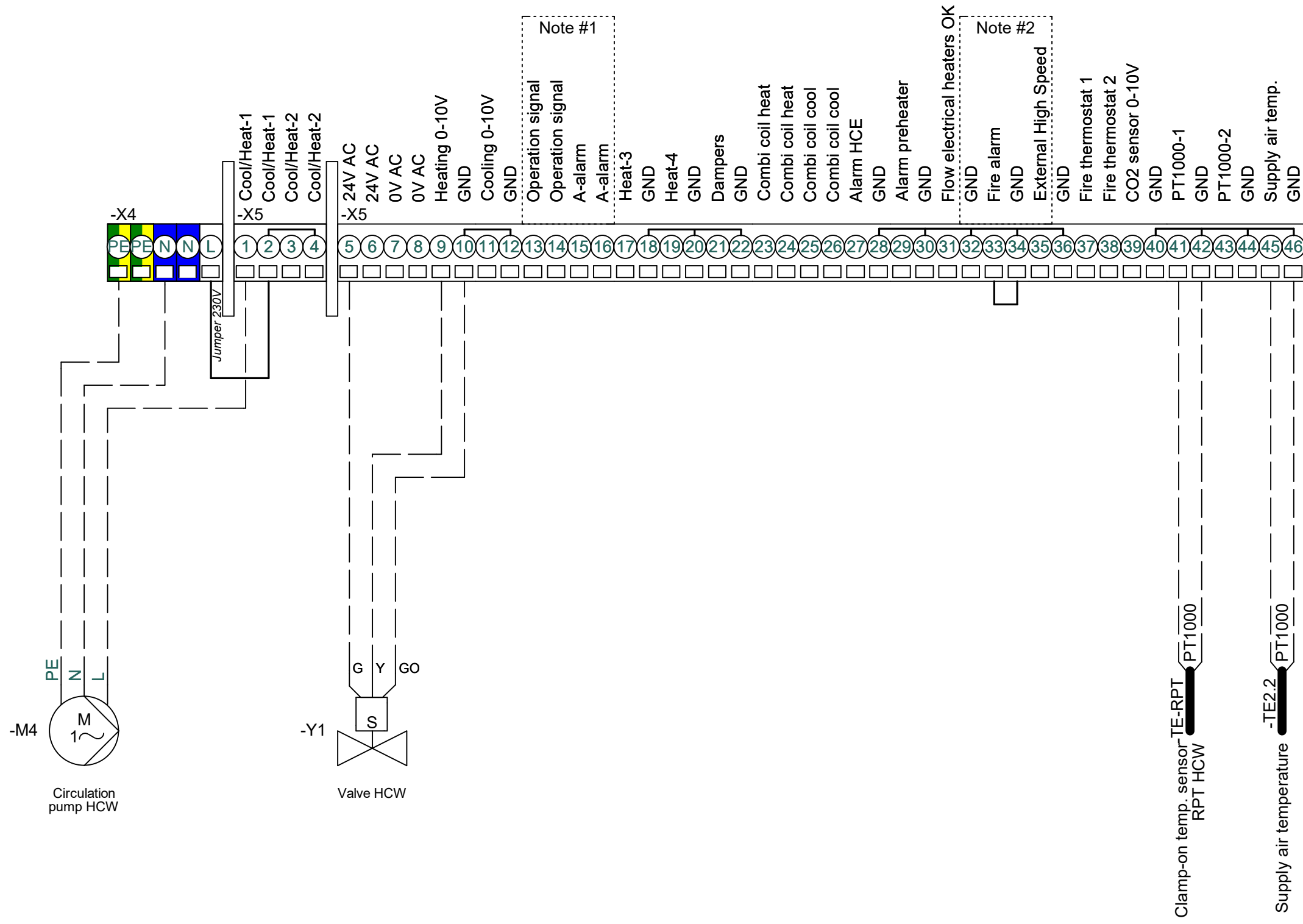
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	21			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 1: No coils	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	22	
					EC no.:		Format:		Pages in total:	39	

Configuration 2: Water Heating Coil



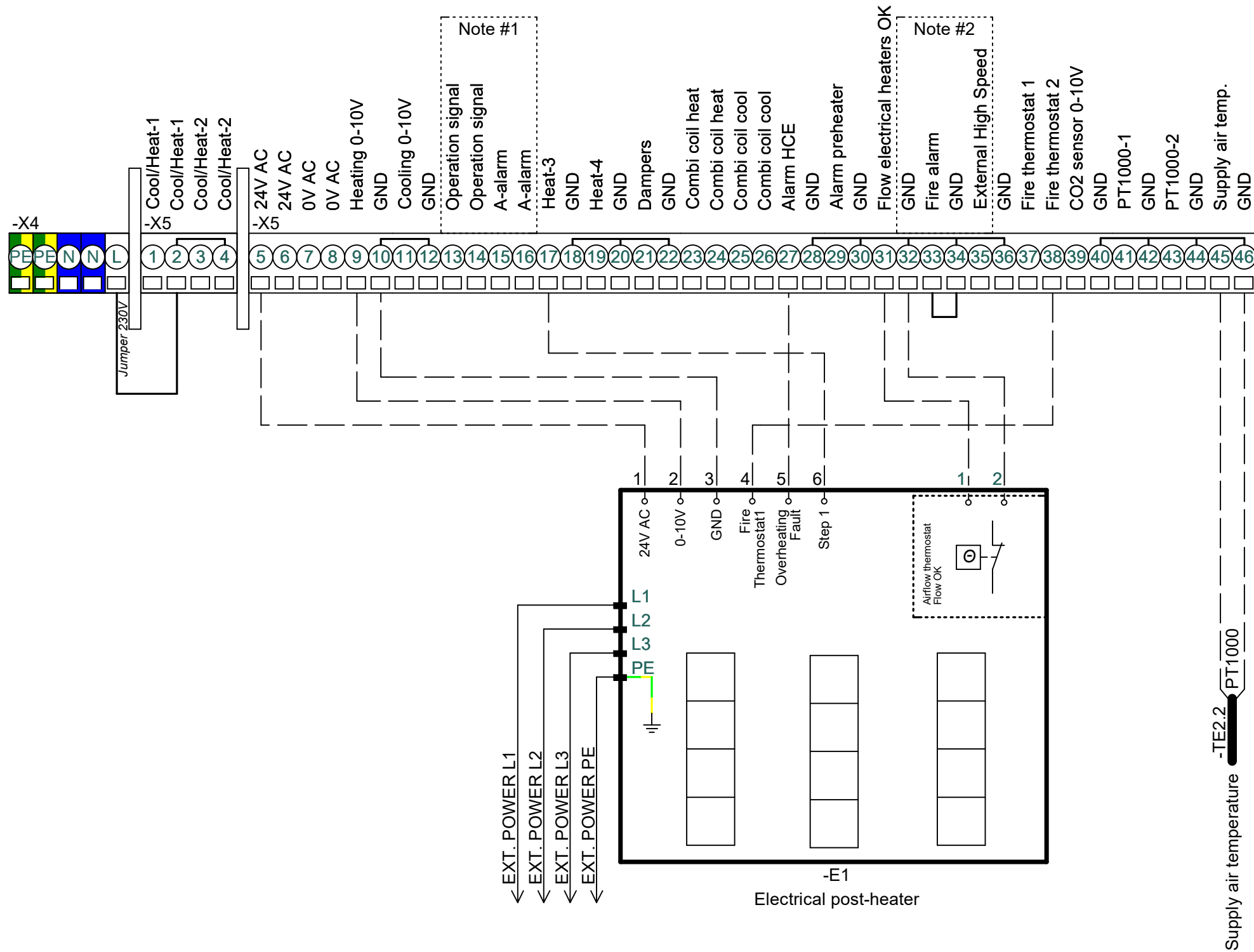
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	22			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 2: HCW	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	23	
					EC no.:		Format:		Pages in total:	39	

Configuration 3: Electric Heating Coil



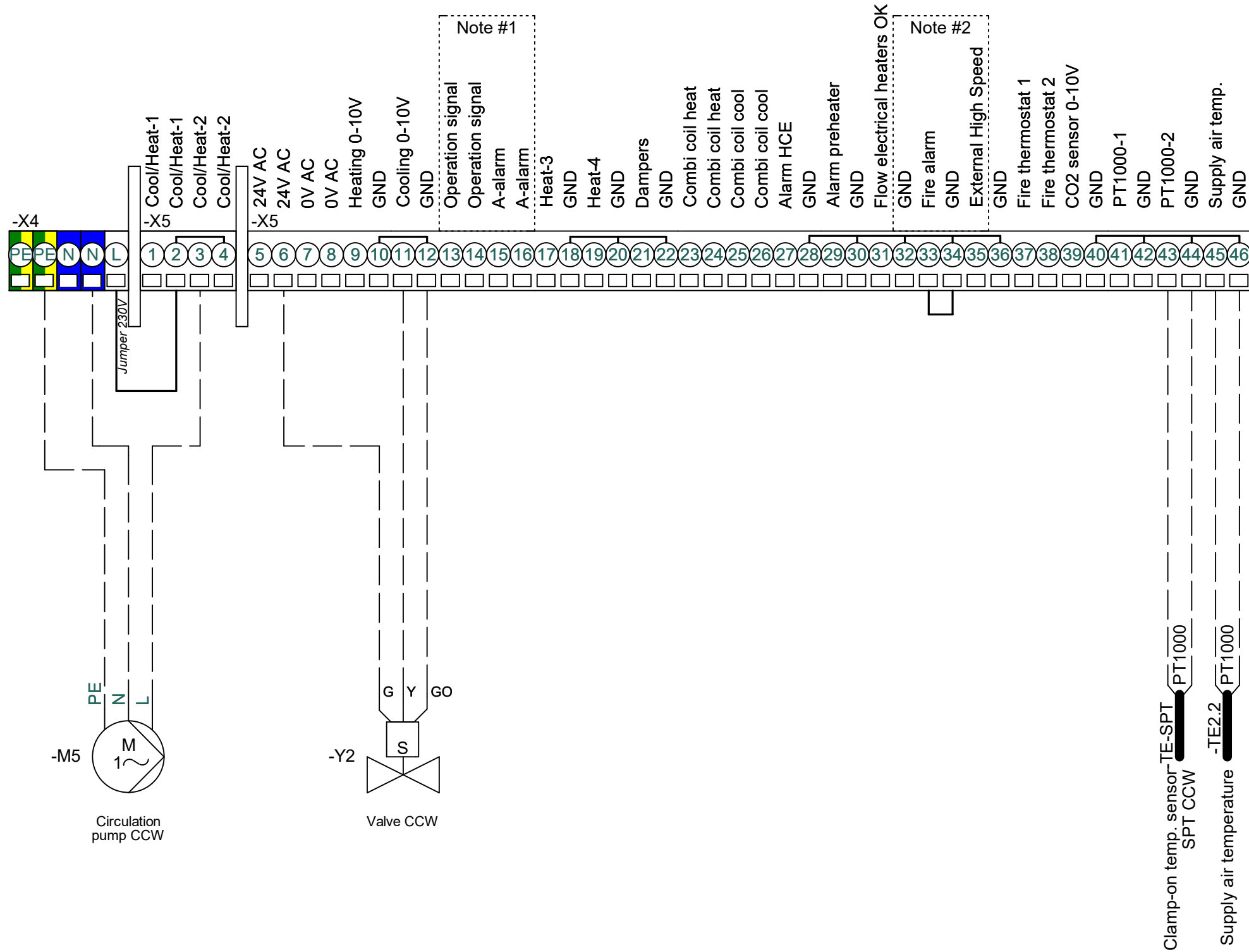
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	23			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 3: HCE	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	24	
					EC no.:		Format:		Pages in total:	39	

Configuration 4: Water Cooling Coil



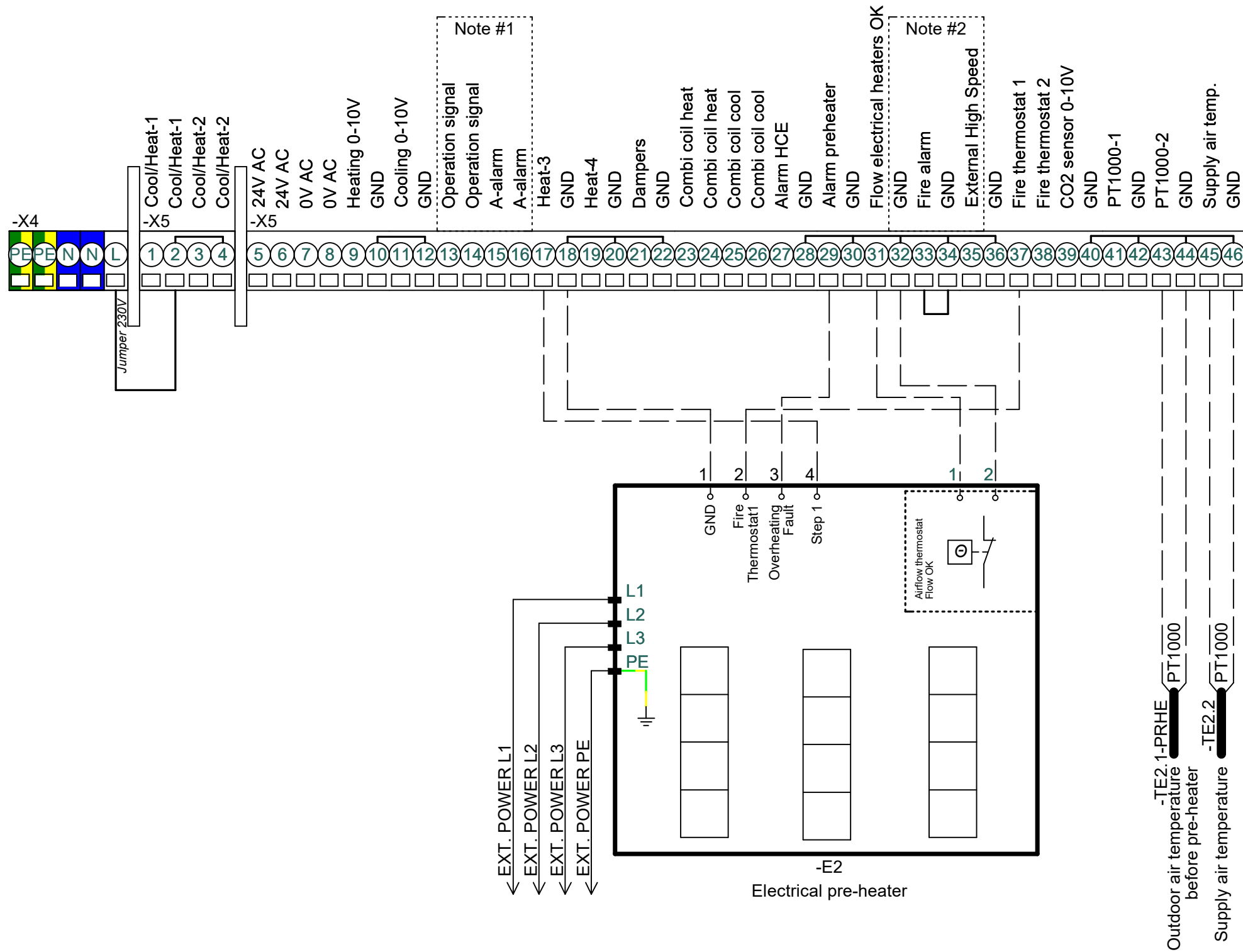
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project: CX3010 & CX3020	Start date: 24-08-2022	Constructor: DKTSA	Page: 24
	Drawing number: 0400101	Revision: D	Revision date: 08-11-2023	Approved by: DKLEG
Page Title: Configuration 4: CCW		Replaces: Rev. C	Scale: 1:1	Next page: 25
		EC no.:	Format:	Pages in total: 39

Configuration 5: Electric Pre-heater



Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

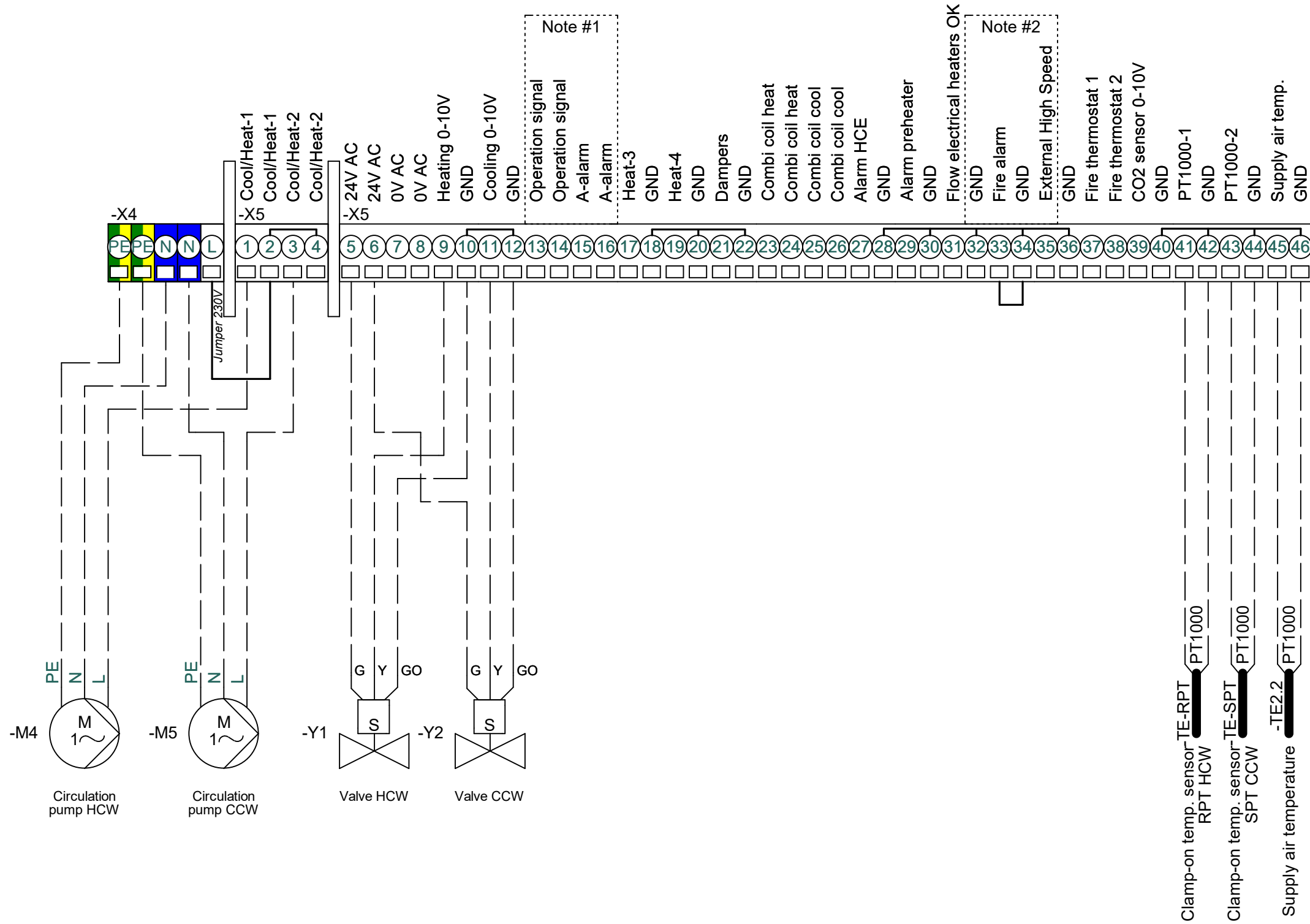
Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	25			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 5: Preheater	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	26	
					EC no.:		Format:		Pages in total:	39	

Configuration 6: Water Heating Coil + Water cooling coil



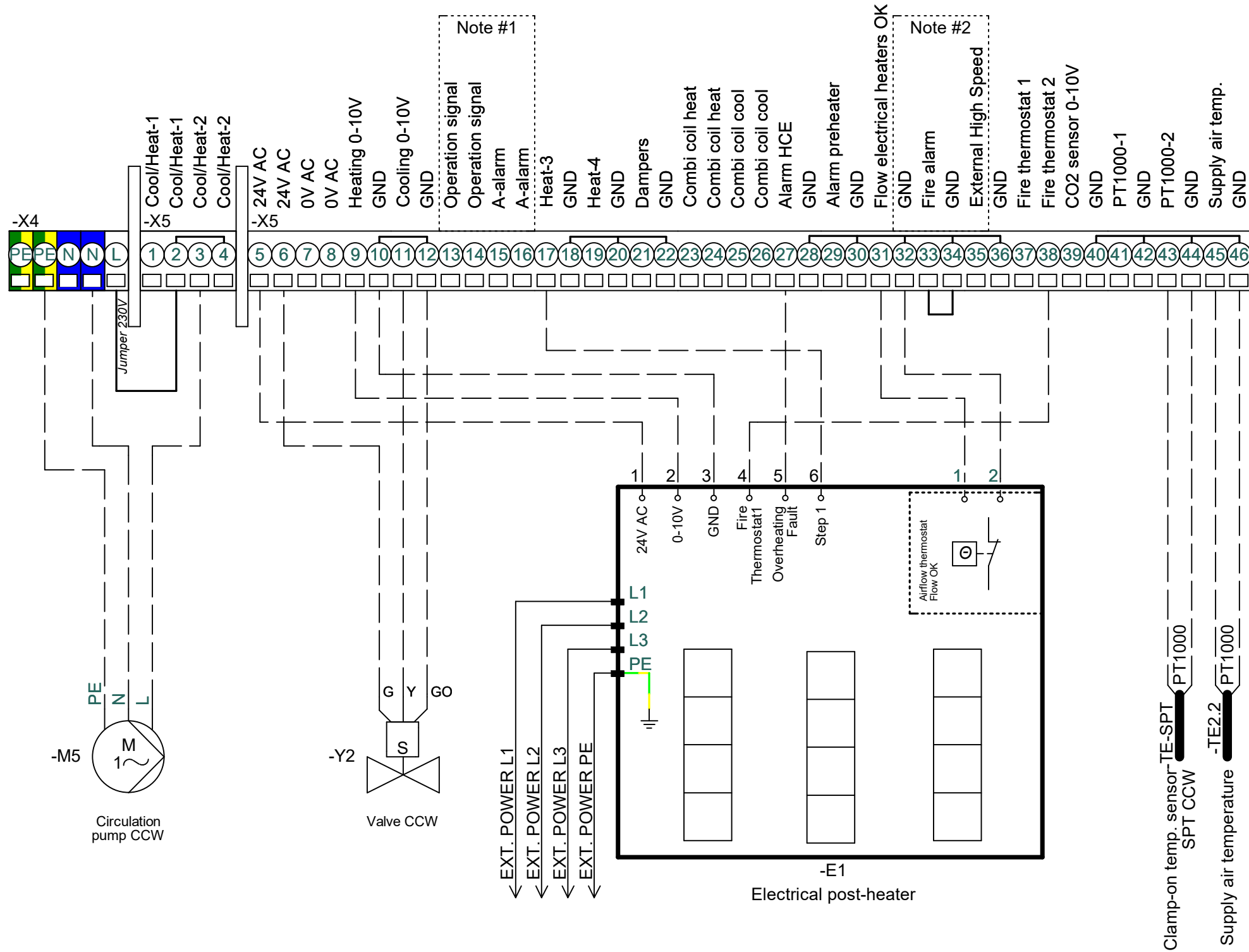
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	Start date:	24-08-2022	Constructor:	DKTSA	Page:	26	
	CX3010 & CX3020	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	25	
Drawing number:	Revision:	Page Title:	Replaces:	Rev. C	Scale:	1:1	Next page:	27
0400101	D	Configuration 6: HCW+CCW	EC no.:		Format:		Pages in total:	39

Connections configuration 7: Electric Heating Coil + Water Cooling Coil



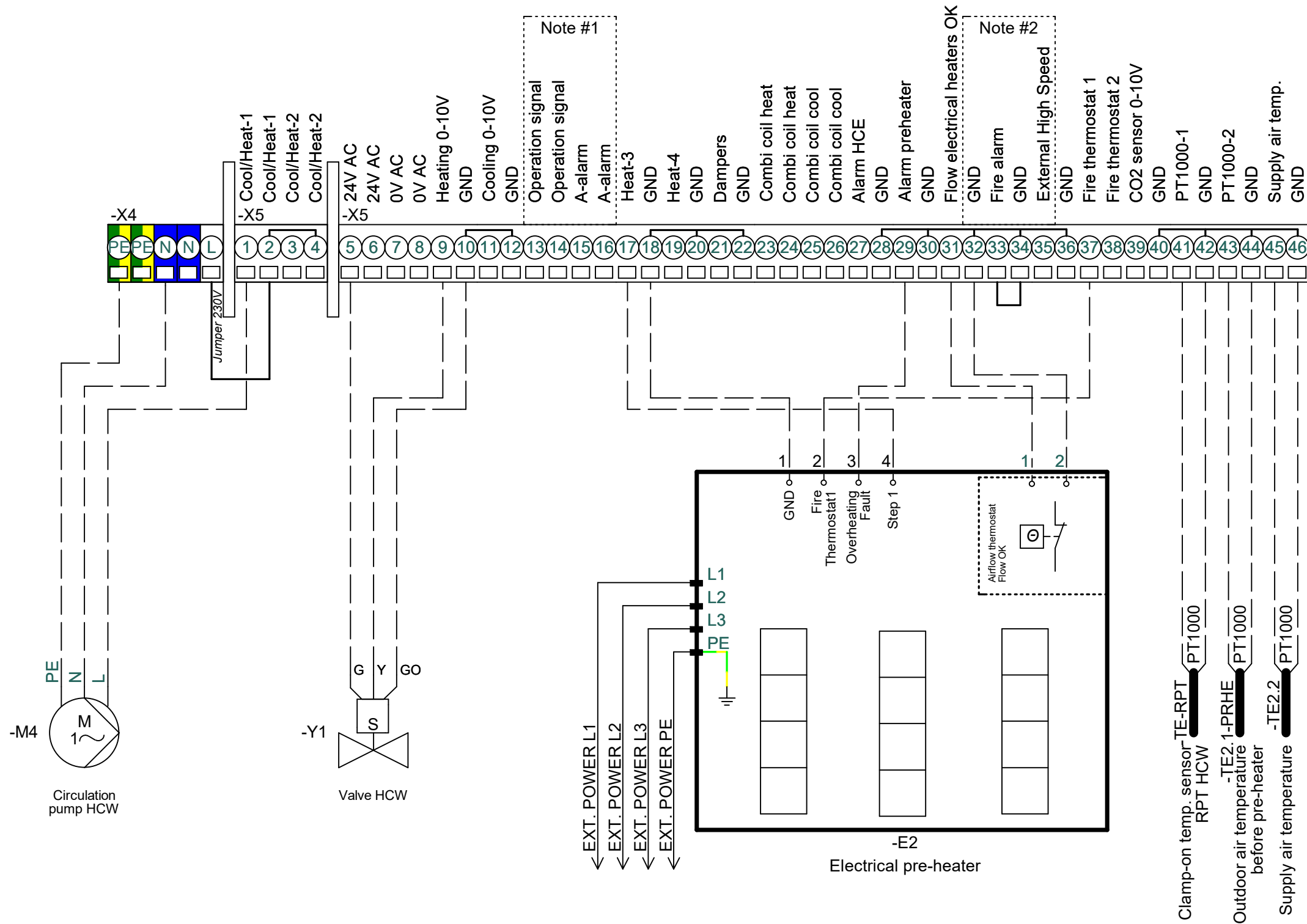
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project: CX3010 & CX3020	Start date: 24-08-2022 Revision date: 08-11-2023	Constructor: DKTSA Approved by: DKLEG	Page: 27 Previous page: 26
	Drawing number: 0400101	Revision: D	Page Title: Configuration 7: HCE+CCW	Replaces: Rev. C EC no.:
				Next page: 28 Pages in total: 39

Connections configuration 8: Electric Preheating Coil + Water Heating Coil



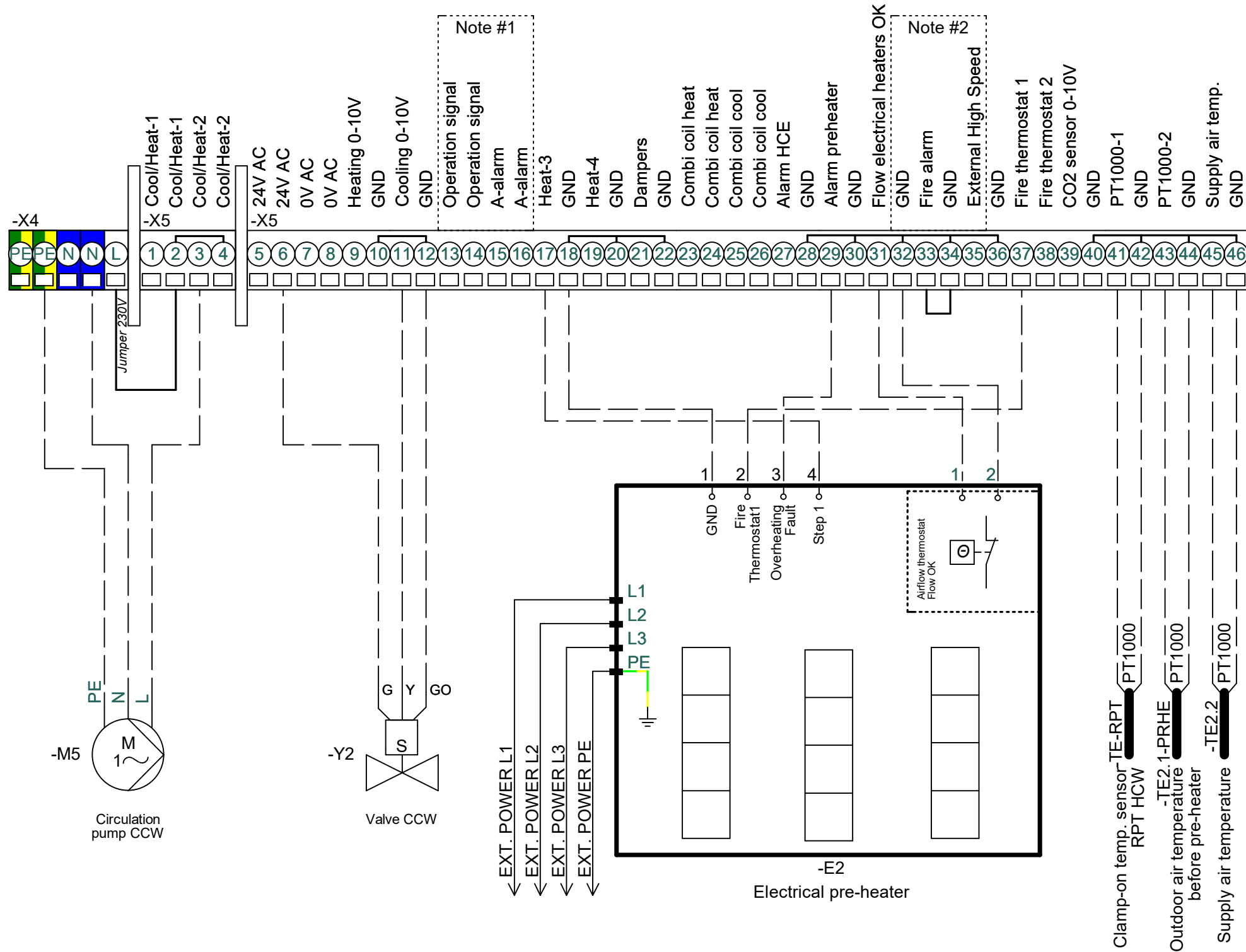
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.
 * Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	28				
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 8: Preheater+HCW	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	27
							Replaces:	Rev. C	Scale:	1:1	Next page:	29
							EC no.:		Format:		Pages in total:	39

Connections configuration 9: Electric Preheating Coil + Water Cooling Coil



Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

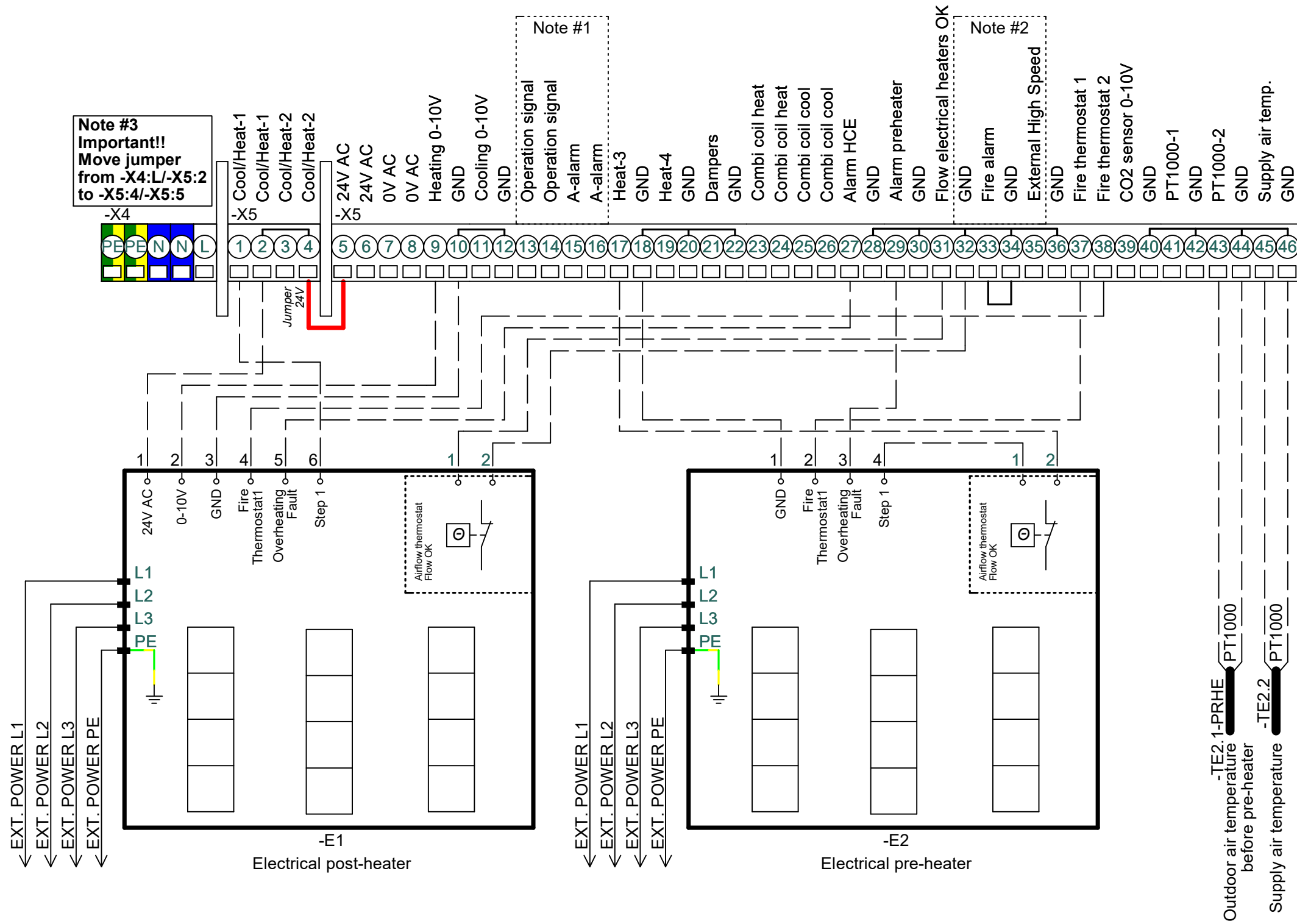
Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	29			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 9: Preheater+CCW	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	30	
					EC no.:		Format:		Pages in total:	39	

Connections configuration 10: Electric Preheating Coil + Electric Postheating Coil



Note #3
Important!!
Move jumper
from -X4:L/-X5:2
to -X5:4/-X5:5

Note #1

Note #2

Note #1
Default configuration.
Can be changed to:
- B-alarm output
- Alarm reset
- Summer operation
- Summer night cooling

Note #2
Default configuration.
Can be changed to:
- AHU STOP
- Low speed
- Medium speed
- Frost alarm
- External start
- External reset alarms
If used remove jumper

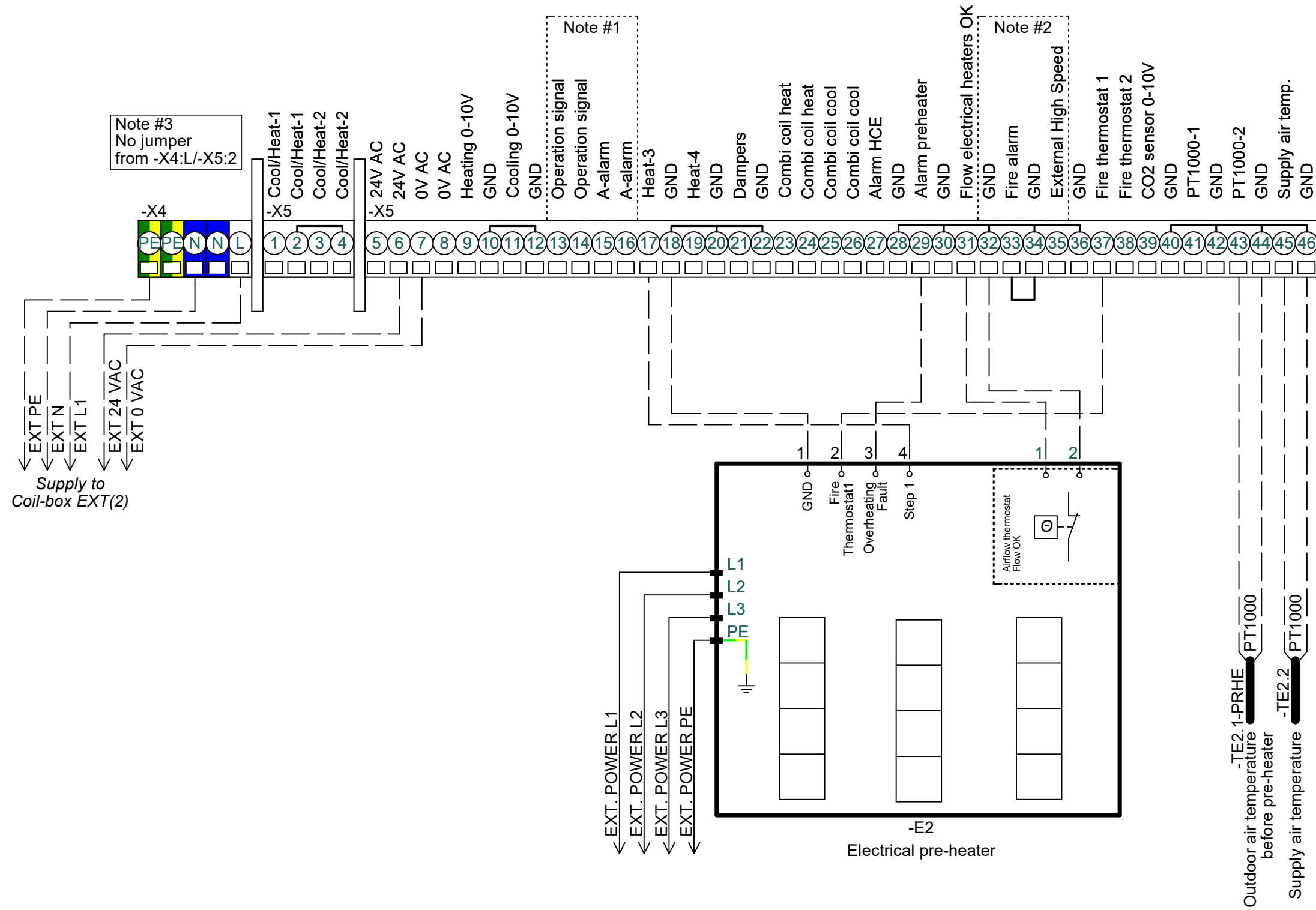
* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	30			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 10: Preheater+HCE	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	31	
					EC no.:		Format:		Pages in total:	39	

Configuration 11: Preheater + Water Heating Coil + Water Cooling Coil

Continued on page 32



Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.

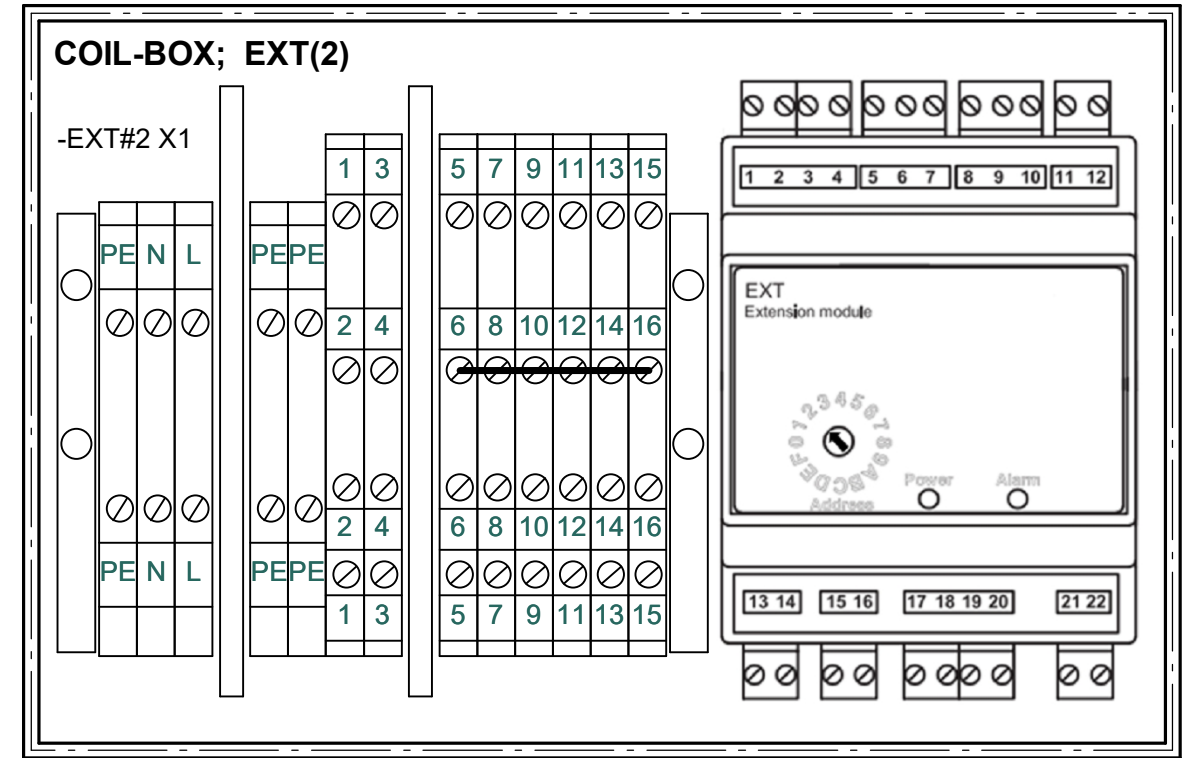
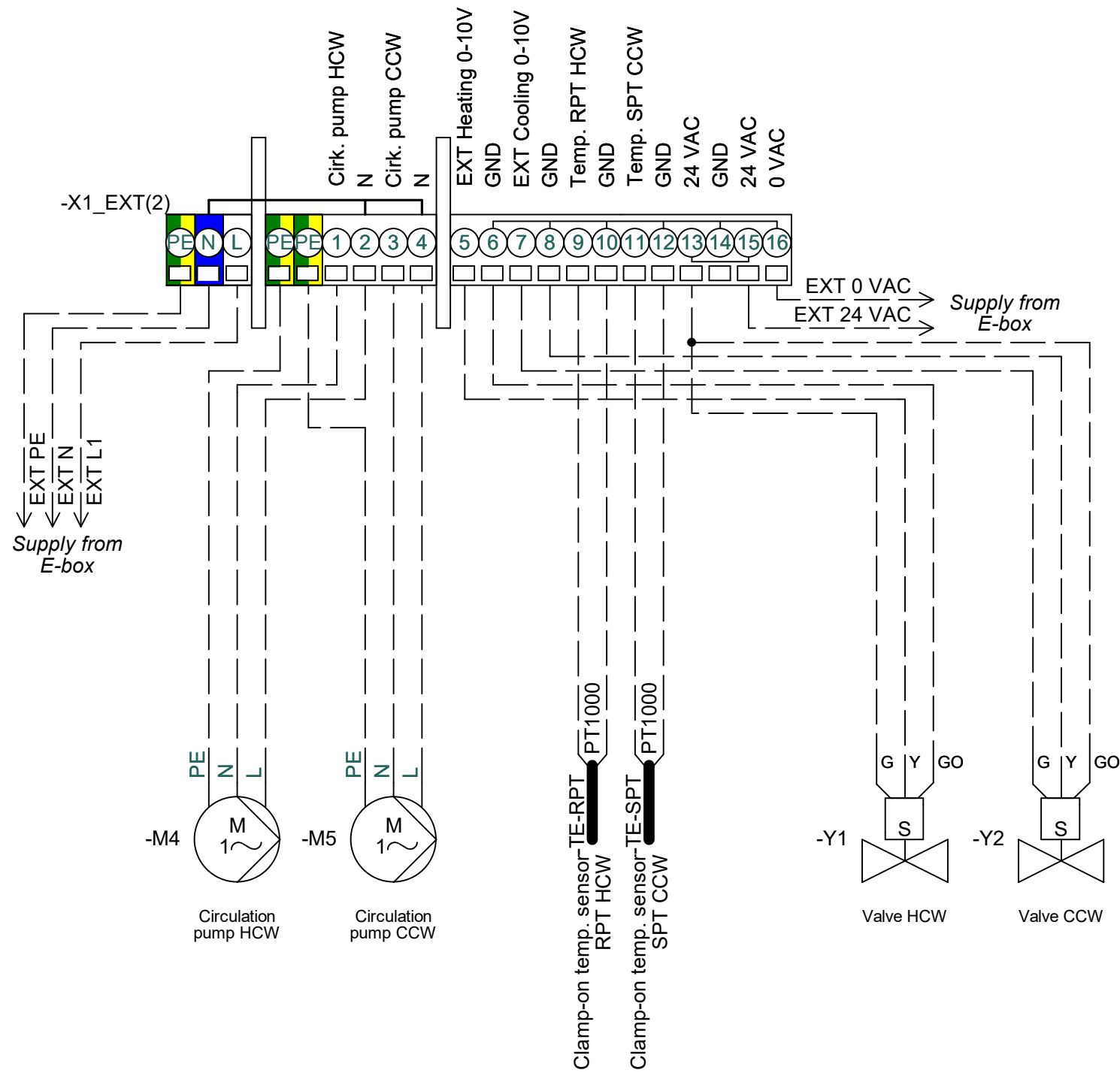
* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

* For connecting 3 heating/cooling coils an additional EXT Module is needed. This is addressed with Modbus ID #2. For connecting HCW and CCW please see next page

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					Replaces:	Rev. C	Scale:	1:1	Next page:	32	
					EC no.:		Format:		Pages in total:	39	

Configuration 11: Preheater + Water Heating Coil + Water Cooling Coil

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Note #1
Modbus connection to EXcon Master in E-box



Project:
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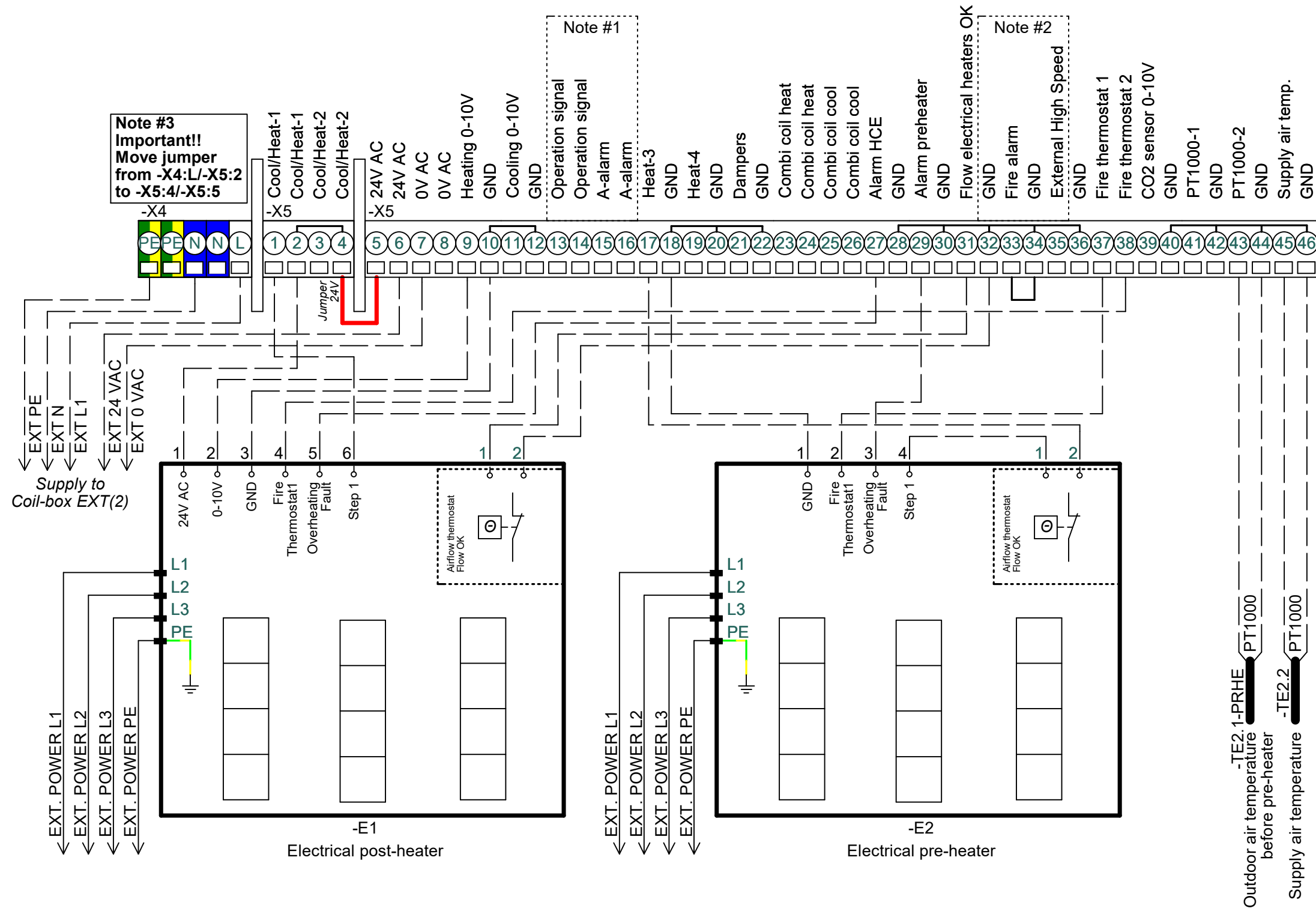
Drawing number:
0400101

Revision:
D

Page Title:
Configuration 11: Preheater+HCW+CCW

Connections configuration 12: Electric Preheating Coil + Electric Postheating Coil + Water Cooling Coil

Continued on page 34



* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.

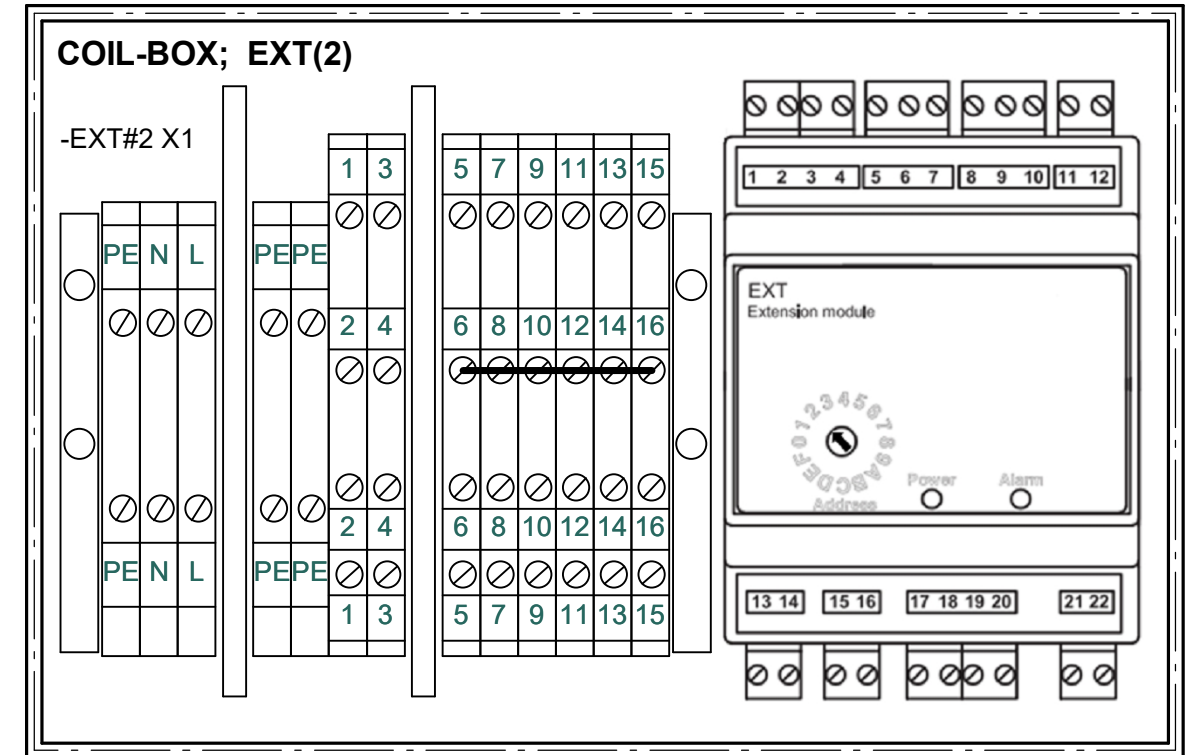
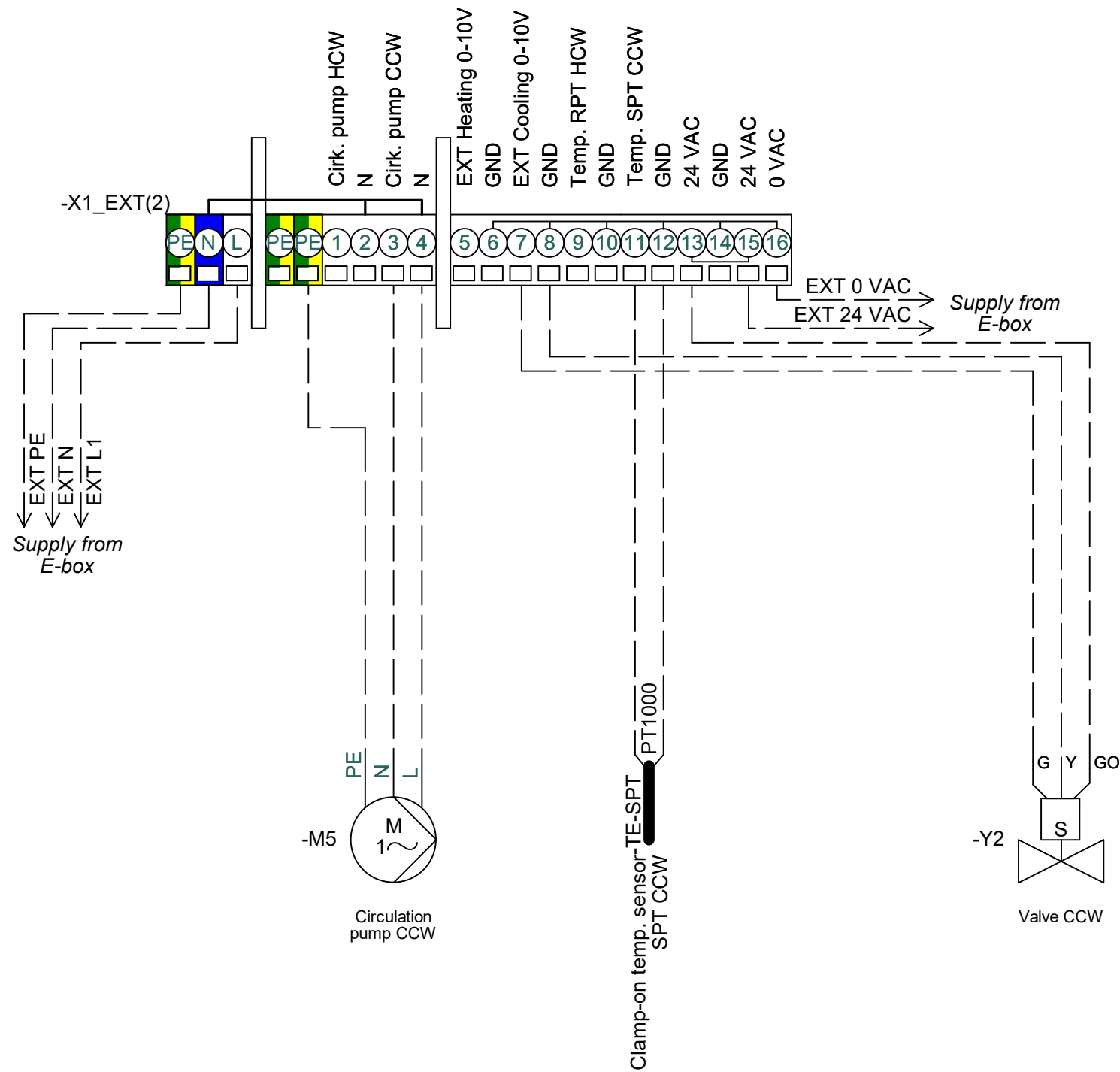
* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

* For connecting 3 heating/cooling coils an additional EXT Module is needed. This is addressed with Modbus ID #2. For connecting HCW and CCW please see next page

	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	33			
	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 12: Preheater+HCE+CCW	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
					Replaces:	Rev. C	Scale:	1:1	Next page:	34	
					EC no.:		Format:		Pages in total:	39	

Connections configuration 12: Electric Preheating Coil + Electric Heating Coil + Water Cooling Coil

Continued from page 33



Note #1
Modbus connection to EXcon Master in E-box



Project:
CX3010 & CX3020

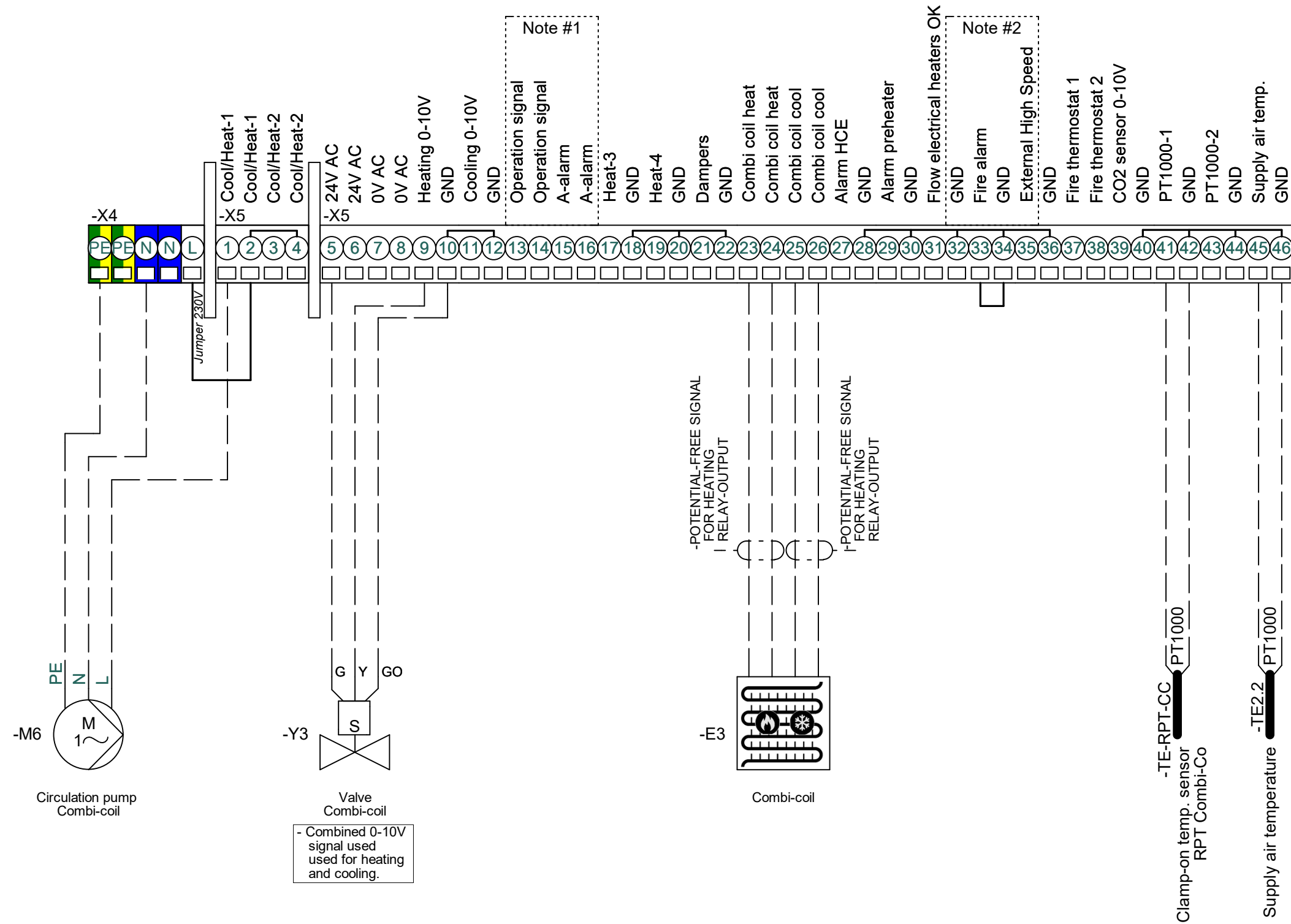
Start date:	24-08-2022	Constructor:	DKTSA	Page:	34
Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	33
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Drawing number:
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Revision:
D

Page Title:
Configuration 12: Preheater+HCE+CCW

Configuration 13: Change-Over CW (Combi-Coil)



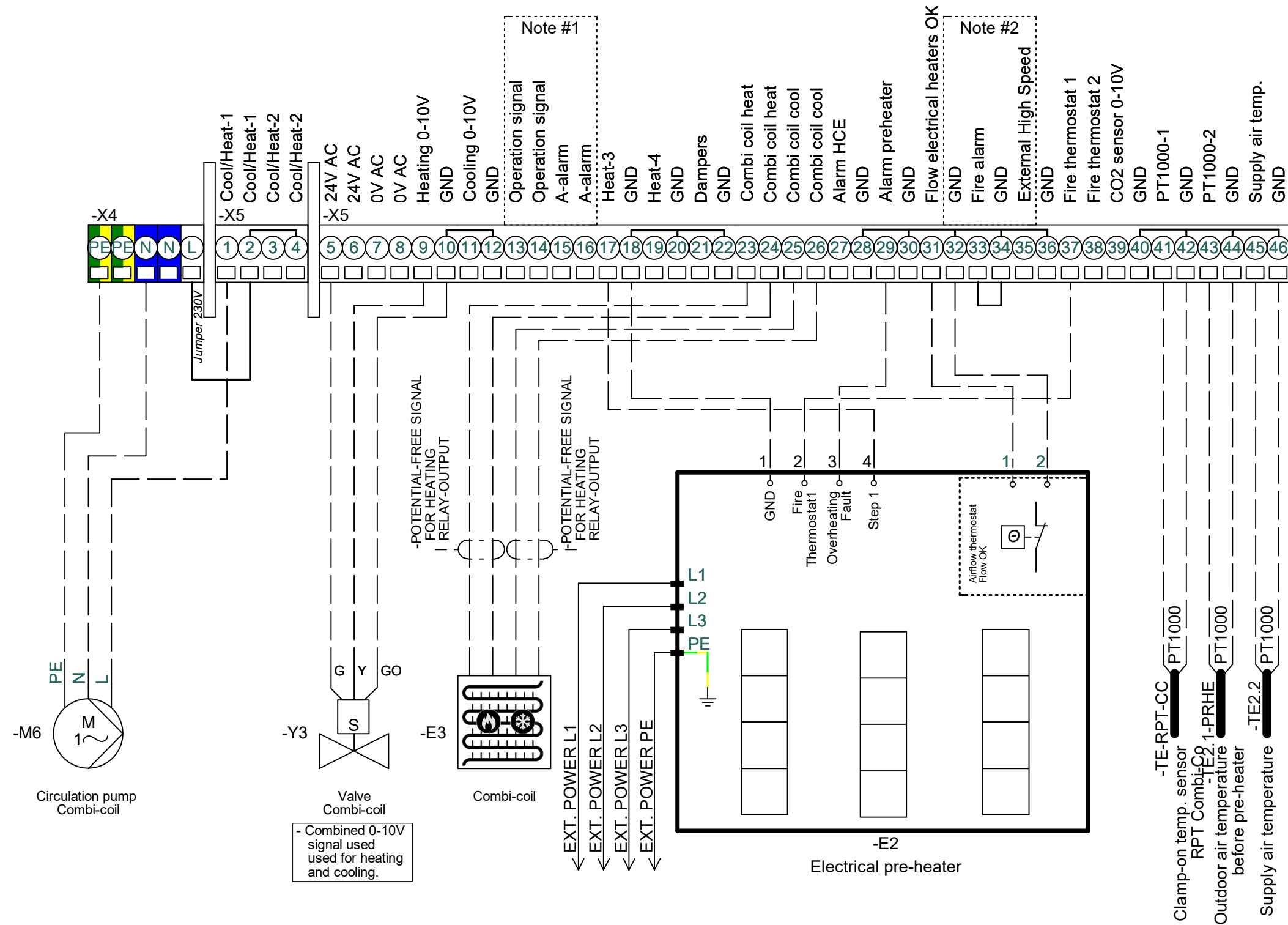
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

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	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 13: C-O CW (Combi-Coil)	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:
			Replaces:	Rev. C	Scale:	1:1	Next page:	36			
			EC no.:		Format:		Pages in total:	39			

Connections configuration 14: Preheater + C-O CW (Combi-Coil)



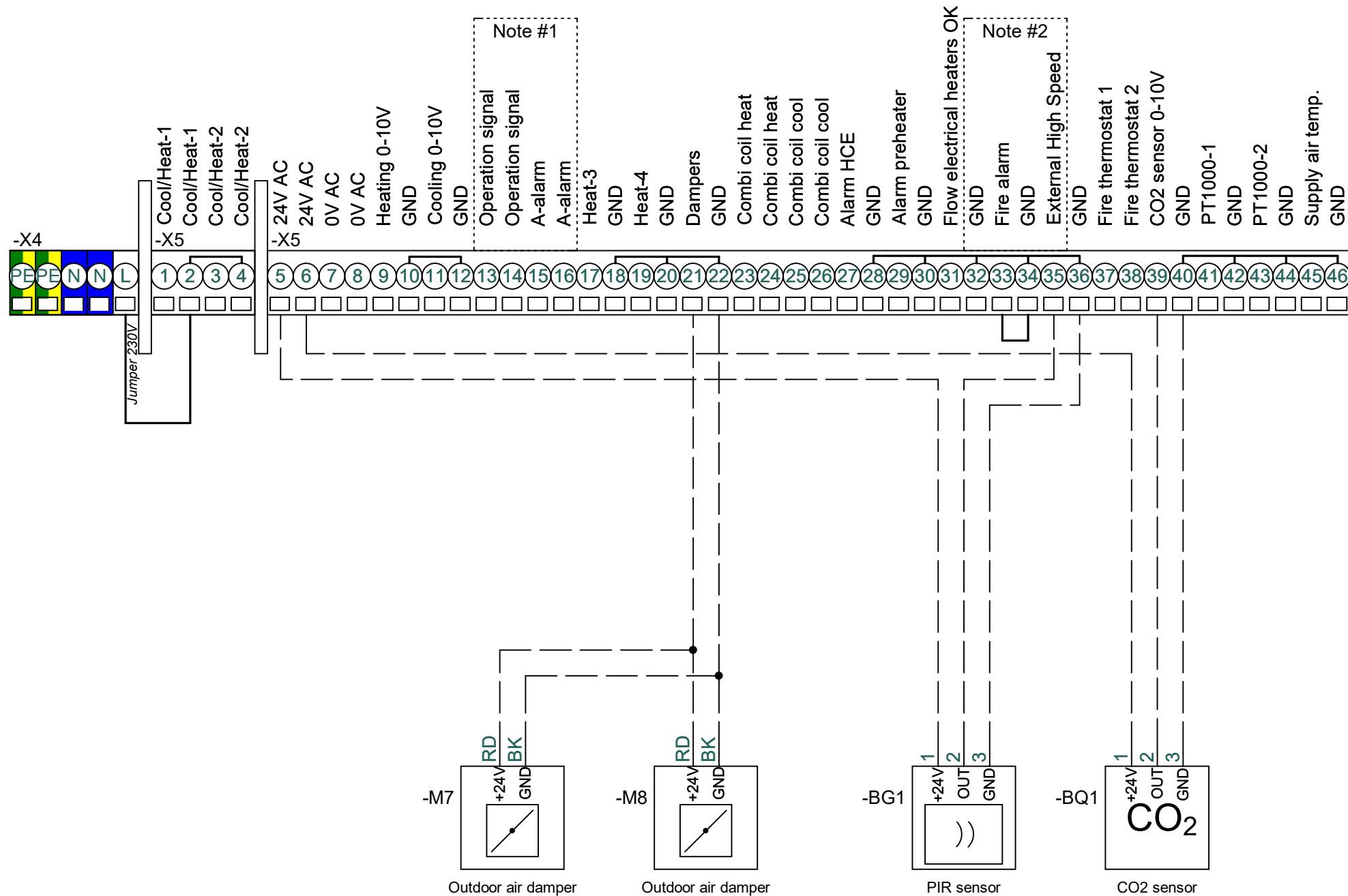
Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

* Outdoor air temperature sensor must be mounted in the outside air duct, before the preheating coil.
 * Supply air temperature sensor must be mounted in supply air duct after heating and cooling coils

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	Drawing number:	0400101	Revision:	D	Page Title:	Configuration 14: Preheater+Combi-Coil	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	35
							Replaces:	Rev. C	Scale:	1:1	Next page:	37
							EC no.:		Format:		Pages in total:	39

Optional accessories

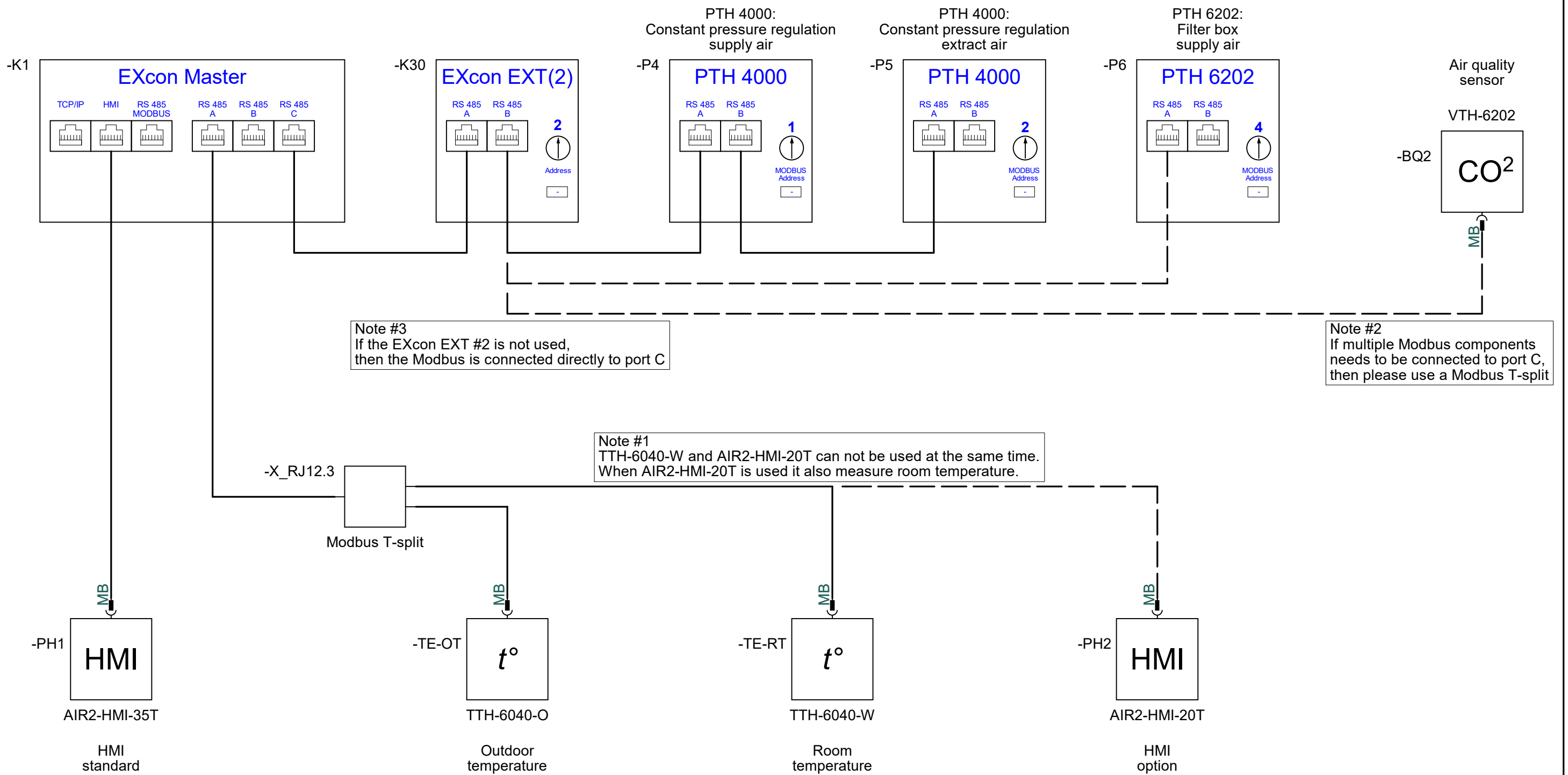


Note #1
 Default configuration.
 Can be changed to:
 - B-alarm output
 - Alarm reset
 - Summer operation
 - Summer night cooling

Note #2
 Default configuration.
 Can be changed to:
 - AHU STOP
 - Low speed
 - Medium speed
 - Frost alarm
 - External start
 - External reset alarms
 If used remove jumper

EXHAUSTO	Project:	CX3010 & CX3020	Start date:	24-08-2022	Constructor:	DKTSA	Page:	37	
	Drawing number:	0400101	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	36	
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				EC no.:		Format:		Pages in total:	39

Optional accessories MODBUS



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0400101


Revision:
D

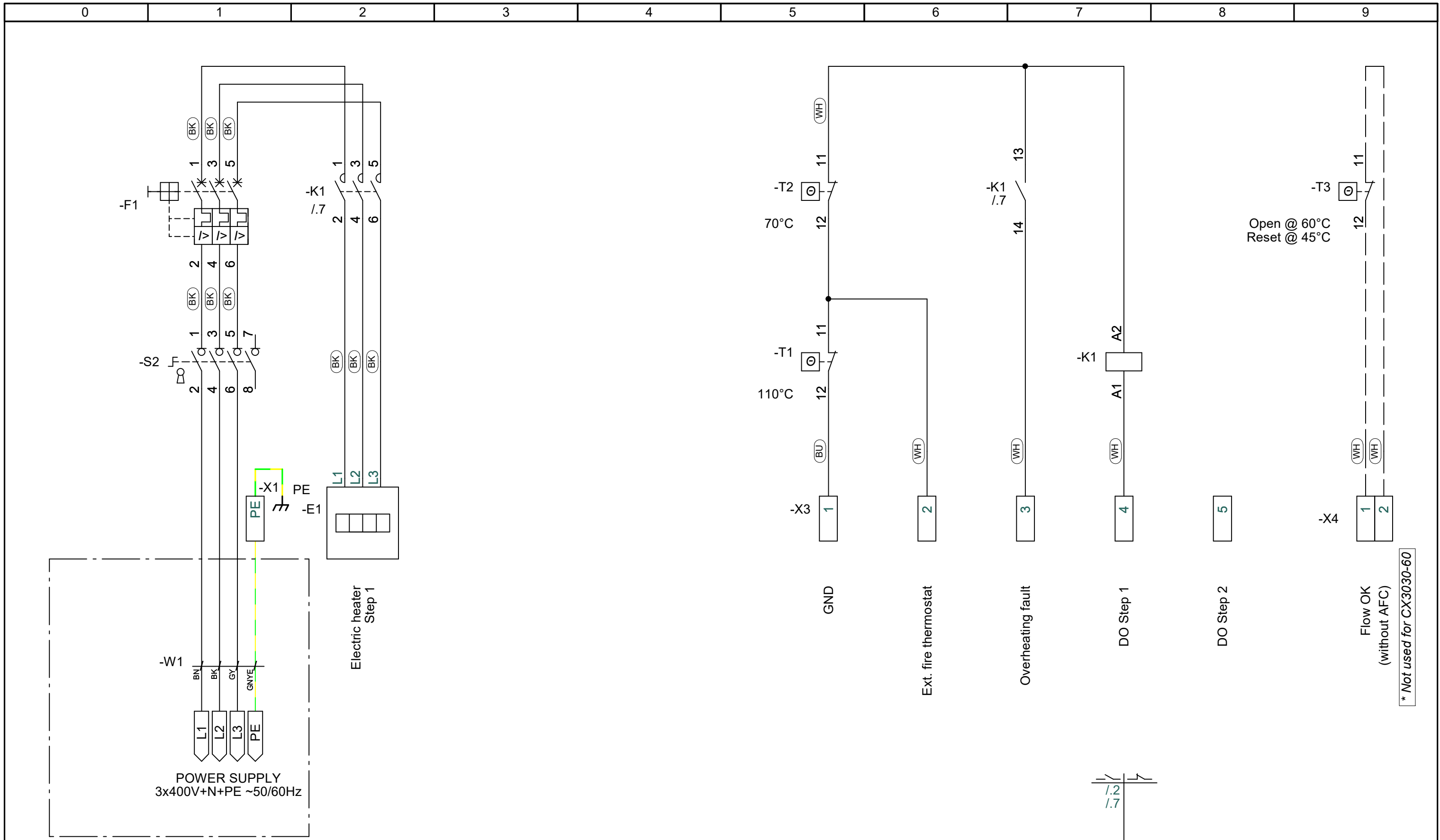
Page Title:
Optional accessories MODBUS

Electric heaters

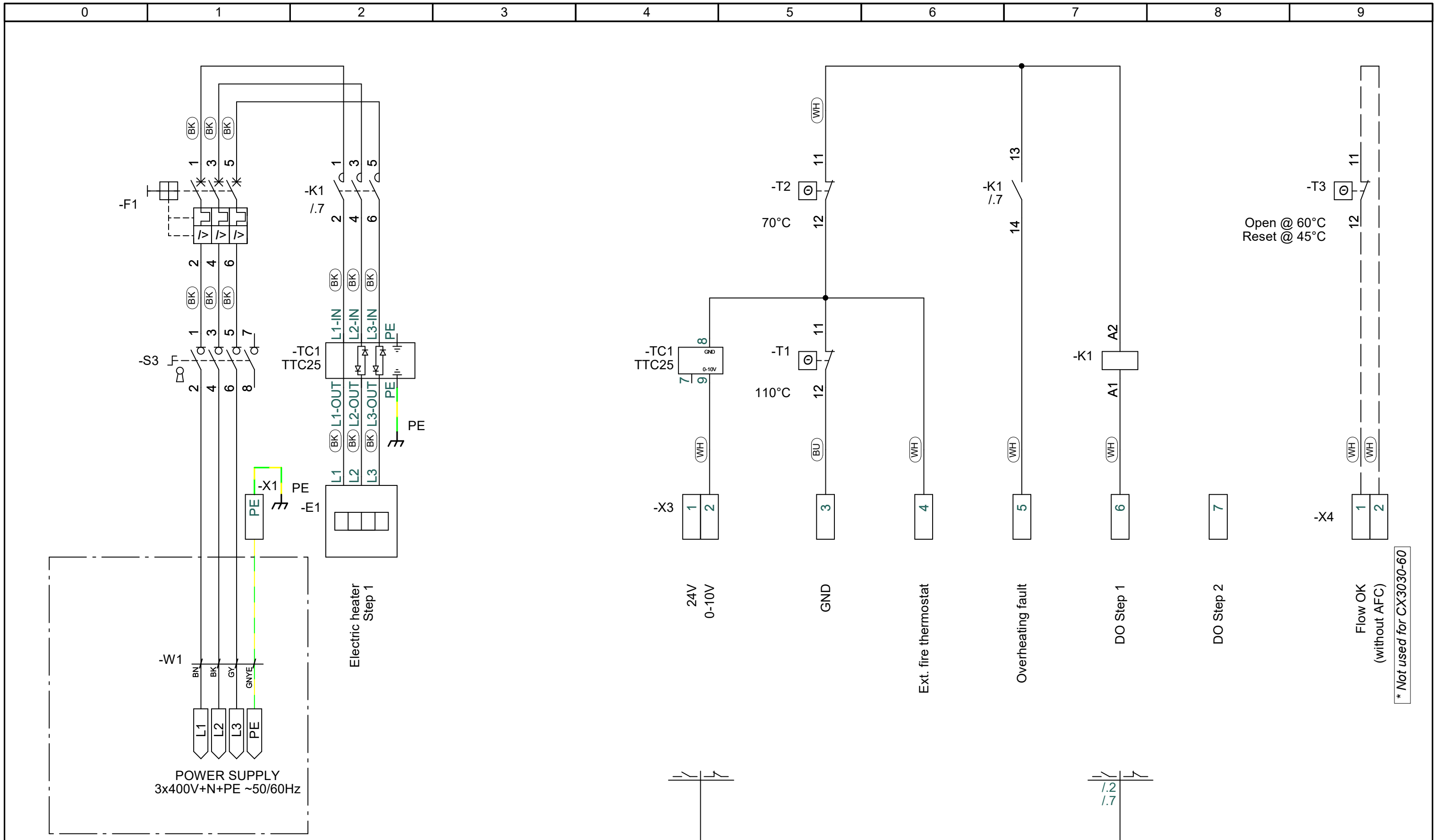
	Project: CX3010 & CX3020	Start date: 24-08-2022	Constructor: DKTSA	Page: 40	
		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 38	
Drawing number: 0400101	Revision: D	Page Title: Electric heaters	Replaces: Rev. C	Scale: 1:1	Next page: 41
			EC no.:	Format:	Pages in total: 39

Component	Function	Position
+A4.1/-E1	Electric heater Step 1	/43.2
+A4.1/-F1	Main fuse	/43.1
+A4.1/-K1	Contactor HE 1	/43.7
+A4.1/-S2	Main switch pre-heater	/43.1
+A4.1/-T1	Fire thermostat 110°C	/43.5
+A4.1/-T2	Overheating thermostat 70°C	/43.5
+A4.1/-T3	Air flow thermostat Open@60°C/Reset@45°C	/43.9
+A4.1/-W1	Main power supply cable	/43.1
+A4.1/-X1	Terminals for Main supply	/43.1
+A4.1/-X3	Terminals for Control signals	/43.5
+A4.1/-X4	Terminals for Air flow OK	/43.9
+A4.2/-E1	Electric heater Step 1	/44.2
+A4.2/-F1	Main fuse	/44.1
+A4.2/-K1	Contactor HE 1	/44.7
+A4.2/-S3	Main switch heater	/44.1
+A4.2/-T1	Fire thermostat 110°C	/44.5
+A4.2/-T2	Overheating thermostat 70°C	/44.5
+A4.2/-T3	Air flow thermostat Open@60°C/Reset@45°C	/44.9
+A4.2/-TC1	Triac HE 1	/44.4
+A4.2/-W1	Main power supply cable	/44.1
+A4.2/-X1	Terminals for Main supply	/44.1
+A4.2/-X3	Terminals for Control signals	/44.4
+A4.2/-X4	Terminals for Air flow OK	/44.9

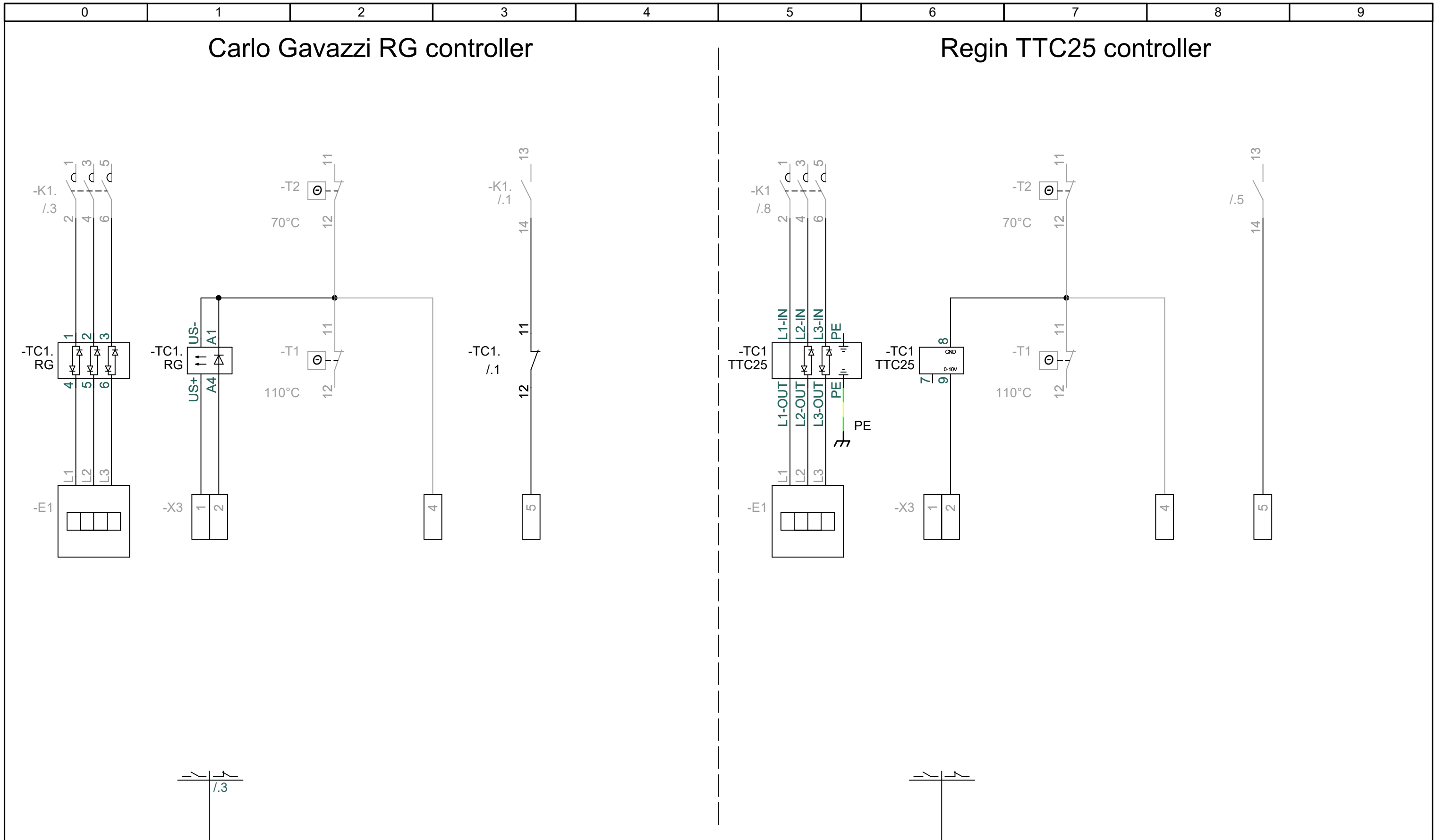
	Project: CX3010 & CX3020		Start date: 24-08-2022	Constructor: DKTSA	Page: 41
	Revision: D		Revision date: 08-11-2023	Approved by: DKLEG	Previous page: 40
Drawing number: 0400101	Page Title: Electric heaters component overview		Replaces: Rev. C	Scale: 1:1	Next page: 42
			EC no.:	Format:	Pages in total: 39



	Project:	Start date:	24-08-2022	Constructor:	DKTSA	Page:	42	
	CX3010 & CX3020	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	41	
Drawing number:	Revision:	Page Title:	Replaces:	Rev. C	Scale:	1:1	Next page:	43
0400101	D	Electric pre-heater Step 1	EC no.:		Format:		Pages in total:	39



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	Revision:		D	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	42	
Drawing number:	0400101	Page Title:	Electric heater Step 1		Replaces:	Rev. C	Scale:	1:1	Next page:	44
					EC no.:		Format:		Pages in total:	39



	Project:	Start date:	24-08-2022	Constructor:	DKTSA	Page:	44
	CX3010 & CX3020	Revision date:	08-11-2023	Approved by:	DKLEG	Previous page:	43
Drawing number:	Revision:	Page Title:	Replaces:	Rev. C	Scale:	1:1	Next page:
0400101	D	Carlo Gavazzi RG vs Regin TTC25	EC no.:		Format:		Pages in total:
							39