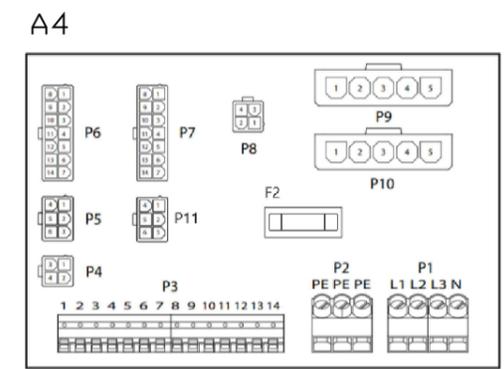
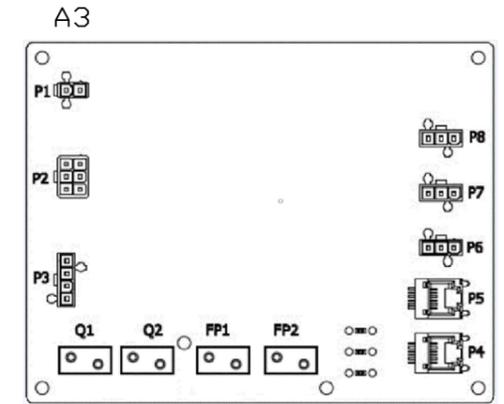
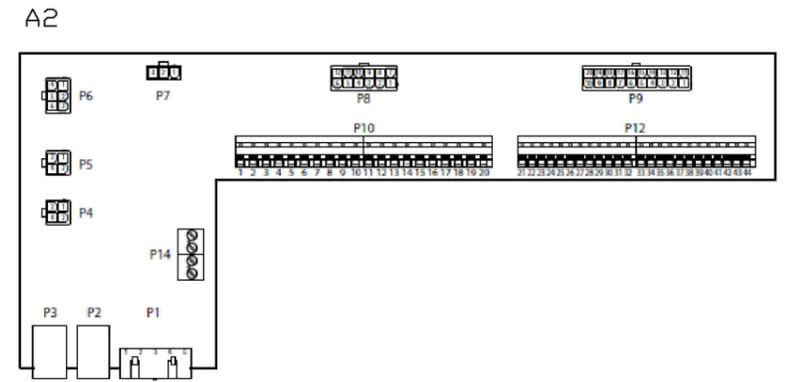
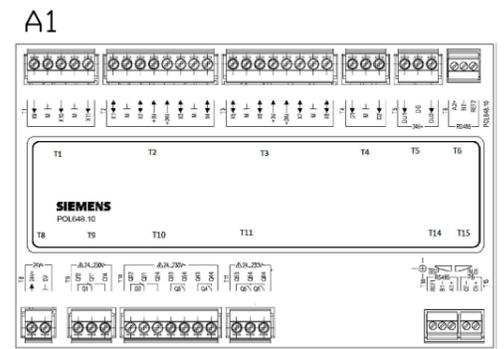
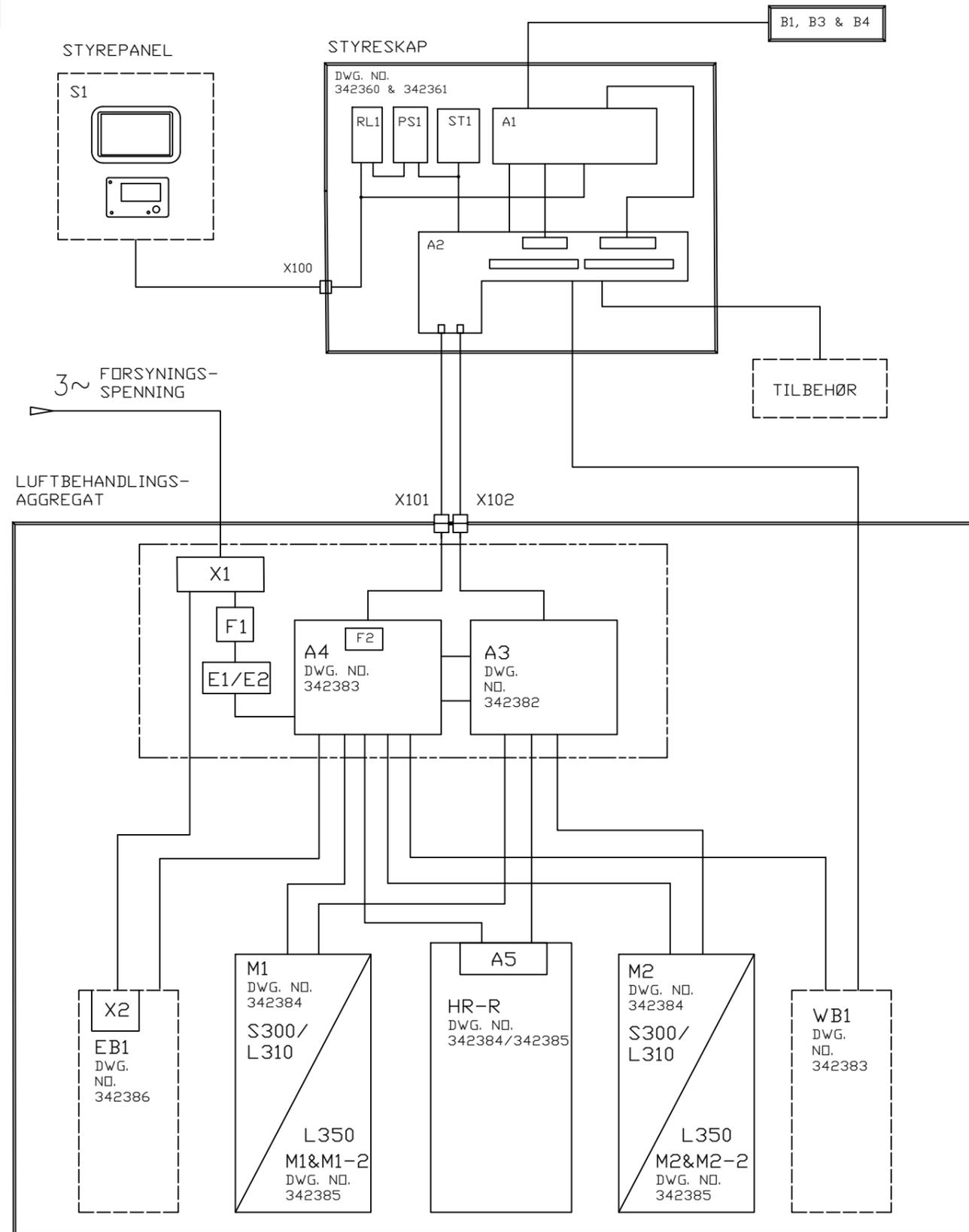


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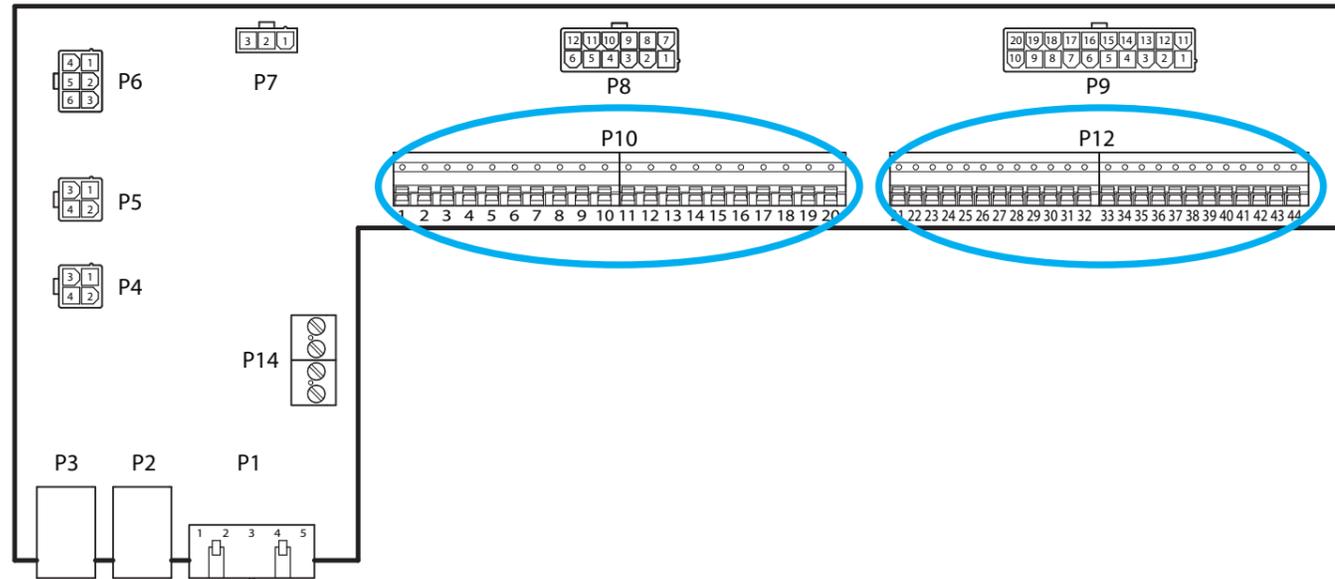


No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	2023-02-06	Drawn <b>RydKri</b>	Projection 	Scale	
Checked		Appr.			
<b>CONNECTION DIAGRAM</b> <i>ProNordic S300, L310 &amp; L350</i> <b>ART.NO 118540</b>				Replaces:	Replaced by:
				<b>342379</b>	

1	INITIAL DRAWING	230206/RydKri
Rev.	Changes	Date/Sign.

Lay-out MounTain

A2



## Eksterne tilbehør

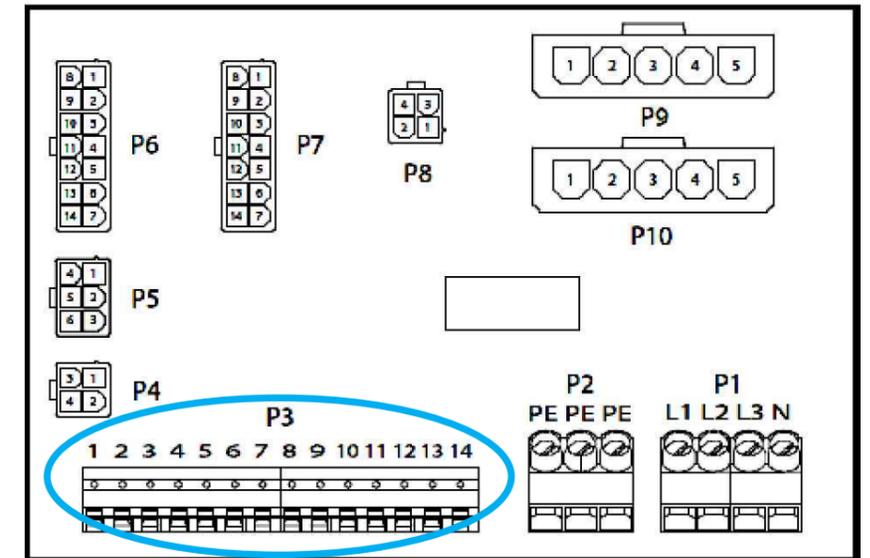
Klemme P10 har følgende signaler:

Klemme	Funksjon	Beskrivelse
1	L1 Ut (230V)	Spenningsmatning eksternt tilbehør
2	N	Spenningsmatning eksternt tilbehør
3	L1 Ut (230V)	Spenningsmatning Uteluftsspjeld
4	L1 230V	Signal Uteluftsspjeld På/AV
5	N	Spenningsmatning Uteluftsspjeld
6	L1 Ut (230V)	Spenningsmatning Avkastspjeld
7	L1 230V	Signal Avkastspjeldl På/AV
8	N	Spenningsmatning Avkastspjeld
9	C	Pot.fri kontakt (Kjøle DX2 eller Brannspjeld) På/AV
10	NO	Pot.fri kontakt (Kjøle DX2 eller Brannspjeld) På/AV
11	N/A	ingen forbindelse
12	C	Pot.fri kontakt (Fellesalarm / AUX Driftmodusindikasjon) På/AV
13	NO	Pot.fri kontakt (Fellesalarm / AUX Driftmodusindikasjon) På/AV
14	NO	Pot.fri kontakt Kjøle (DX1 eller Pumpe) På/AV
15	C	Pot.fri kontakt Kjøle (DX1 eller Pumpe) På/AV
16	L1 Ut (230V)	Spenningsmatning eksternt tilbehør
17	NO	Pot.fri kontakt Varmebatteri WB1 (pumpe) På/AV
18	C	Pot.fri kontakt Varmebatteri WB1 (pumpe) På/AV
19	N	Spenningsmatning eksternt tilbehør
20	N/A	ingen forbindelse

Klemme P12 har følgende signaler:

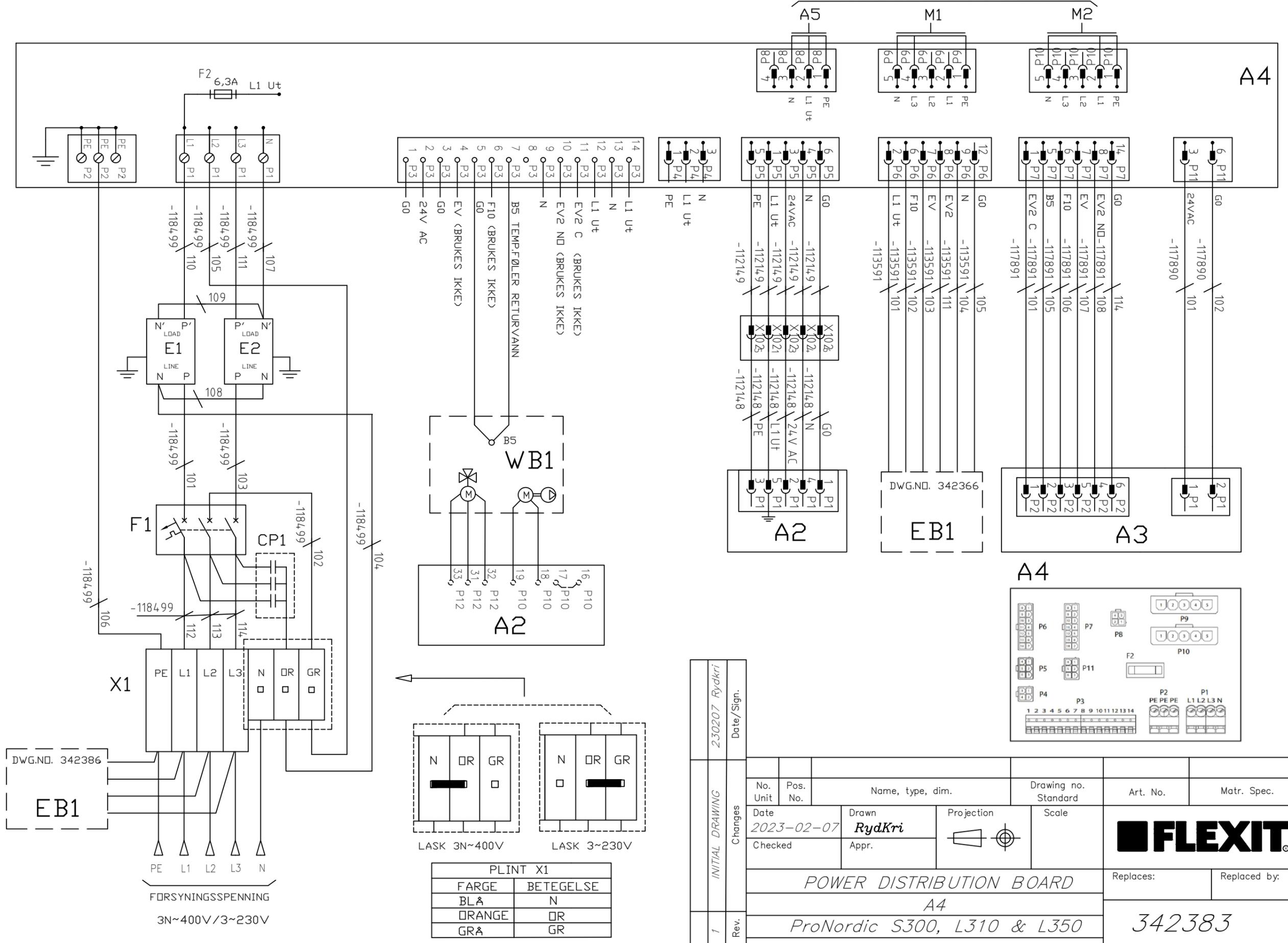
Klemme	Funksjon	Beskrivelse
21	AO 0-10V	Styresignal Kjøle (ventil eller DX)
22	G0	Signaljord Kjøle
23	DI	Signal Ekstern styring 1
24	G0	Signaljord Ekstern styring 1
25	DI	Signal Ekstern styring 2
26	G0	Signaljord Ekstern styring 2
27	DI alarm	Signal Brann/Røyk
28	G0	Signaljord Ekstern styring 3
29	AI 0-10V	Signal Luftkvalitet (ex.CO <sub>2</sub> )
30	G0	Signaljord Luftkvalitet
31	AO 0-10V	Styresignal Varmebatteri WB1 (ventil)
32	24VAC	Spenningsmatning Varmebatteri WB1 (ventil), Brannspjeld tilbakemelding, Brann/Røyk
33	G0	Signaljord Varmebatteri WB1 (ventil)
34	DI	Signal Ekstern styring 3
35	DI	Signal Brannspjeld tilbakemelding
36	G0	Signaljord
37	AO 0-10V	Styresignal AUX-spjeld
38	G0	Signaljord AUX-spjeld
39	Universal I/O	Reserve
40	G0	Reserve
41	CE-	Kommunikasjonsbuss tilbehør (eks.KNX LTE)
42	CE+	Kommunikasjonsbuss tilbehør (eks.KNX LTE)
43	AI 0-10V	Tilluftsvifte eksternt bøvverdi (eks.VAV)
44	AI 0-10V	Avtrekksvifte eksternt bøvverdi (eks.VAV)

A4

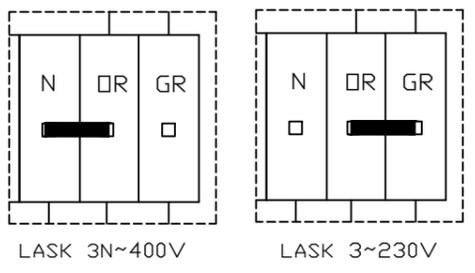
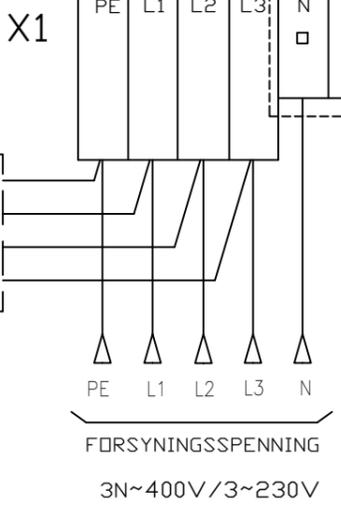


Klemme P3 har følgende signaler:

Klemme	Funksjon	Beskrivelse
1	G0	Signaljord eksternt tilbehør
2	24VAC	Spenningsmatning eksternt tilbehør
3	G0	Signaljord eksternt tilbehør
4	AO 0-10V	EV (brukes ikke)
5	G0	Signaljord Temp.føler returvann B5
6	DI	Overopphetingstermostat F10 (brukes ikke)
7	AI	Signal Temp.føler returvann B5
8	N/A	Ingen forbindelse
9	N	Spenningsmatning eksternt tilbehør
10	NO	EV2 (brukes ikke)
11	C	EV2 (brukes ikke)
12	L1 Ut (230V)	Spenningsmatning eksternt tilbehør
13	N	Spenningsmatning eksternt tilbehør
14	L1 Ut (230V)	Spenningsmatning eksternt tilbehør



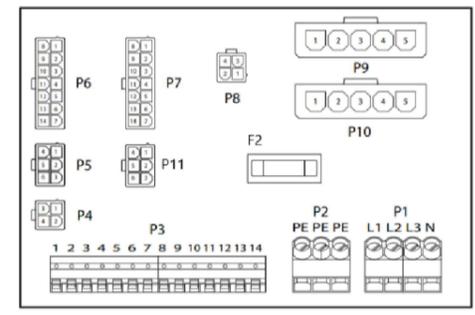
DWG.NO. 342386  
EB1



PLINT X1	
FARGE	BETEGELSE
BLÅ	N
ORANGE	OR
GRÅ	GR

230207	RydKri	Date/Sign.
INITIAL DRAWING		
1	Rev.	

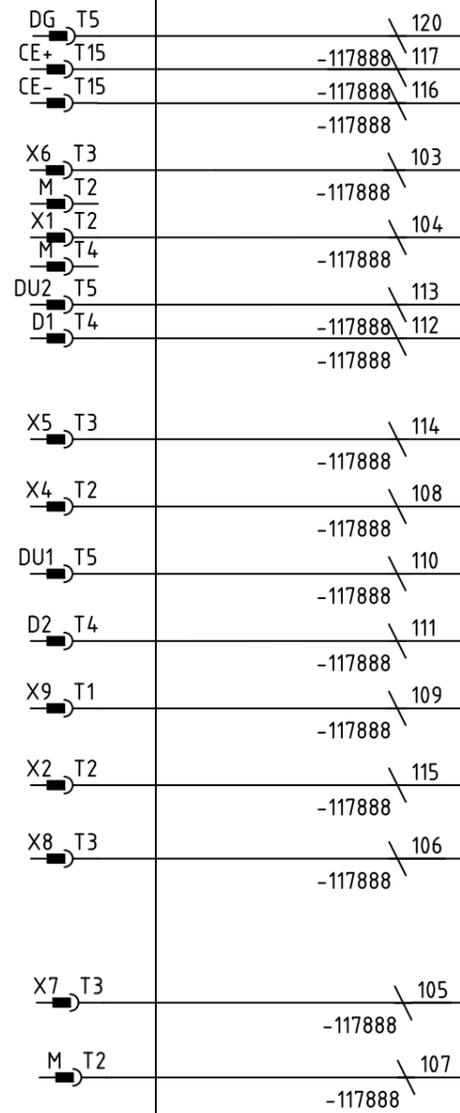
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Date	2023-02-07	Drawn <b>RydKri</b>	Projection	Scale	
Checked		Appr.			
<b>POWER DISTRIBUTION BOARD</b>				Replaces:	Replaced by:
<b>A4</b>					
<b>ProNordic S300, L310 &amp; L350</b>					
				<b>342383</b>	



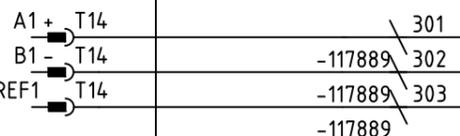


SIEMENS POL648

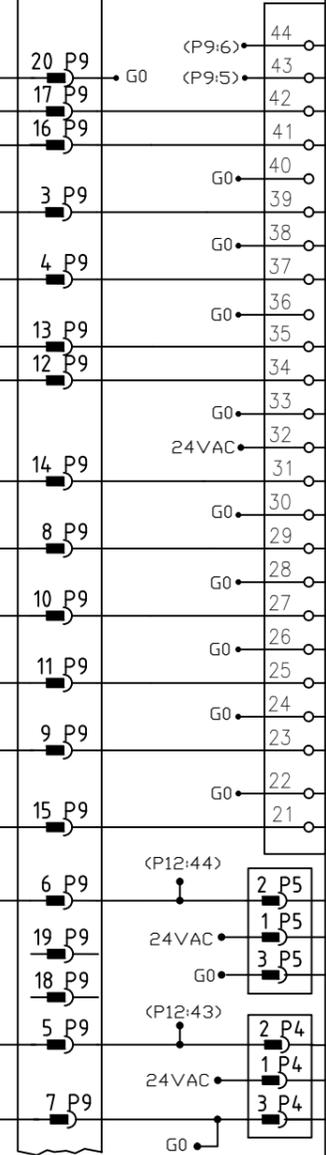
A1



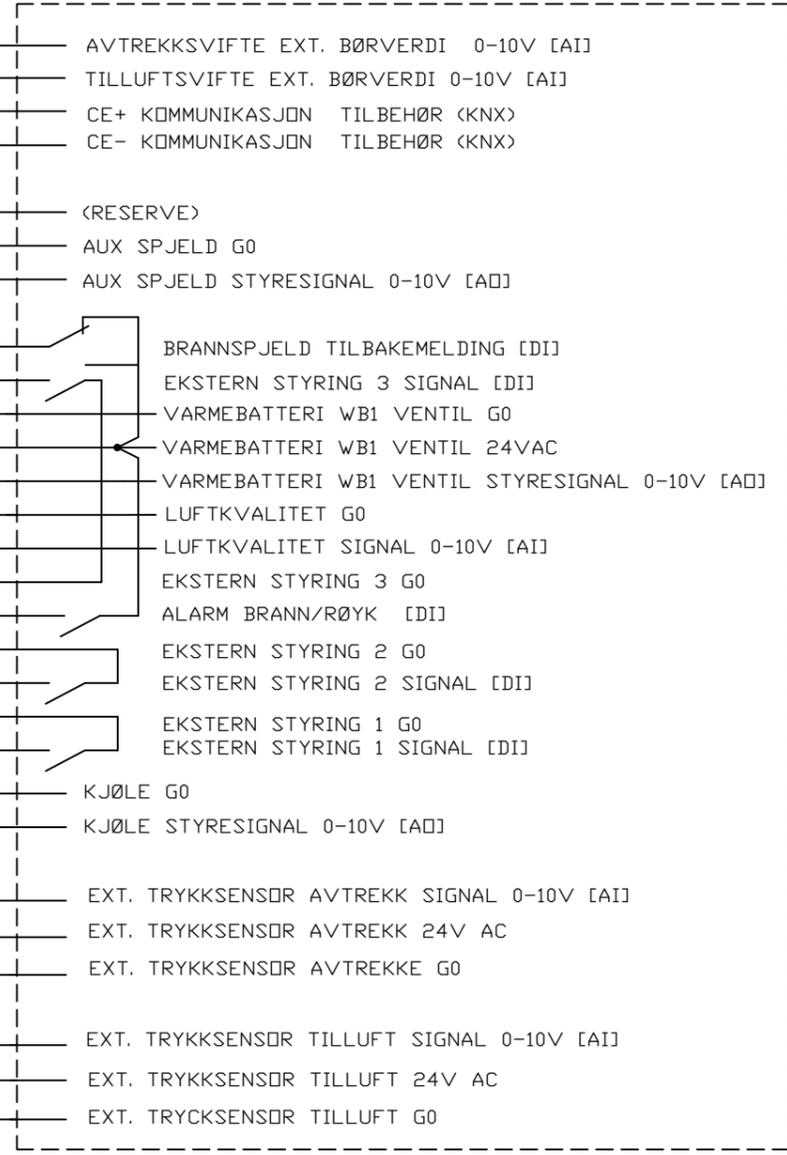
MODBUS RS485



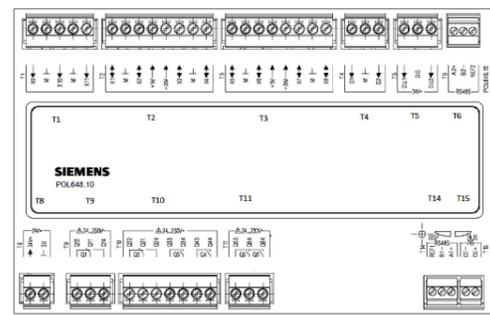
A2



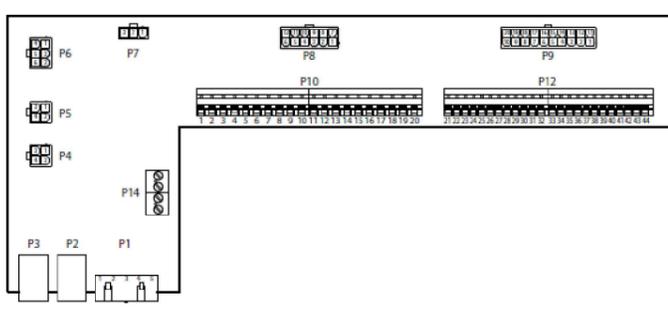
TILBEHØR



A1



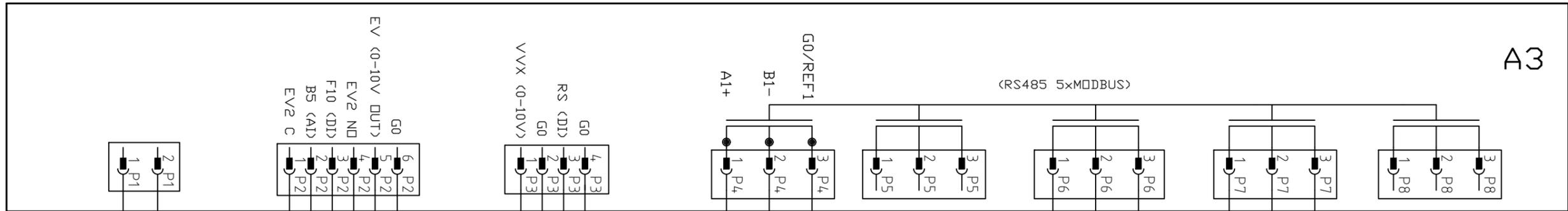
A2



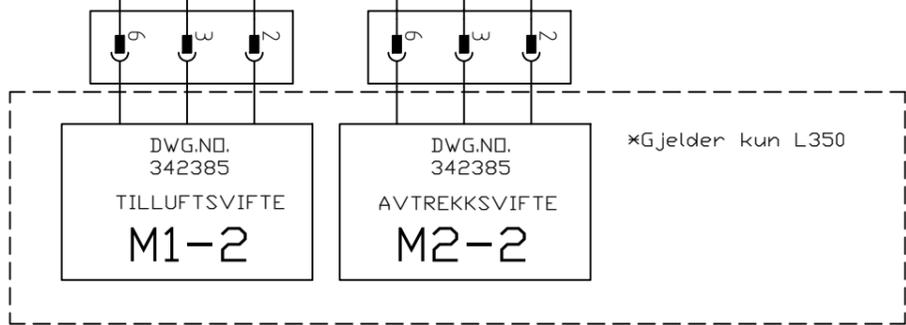
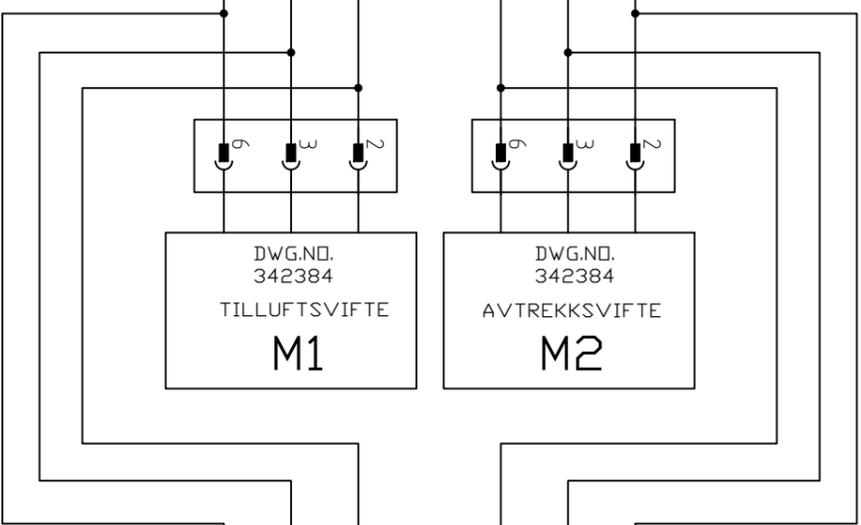
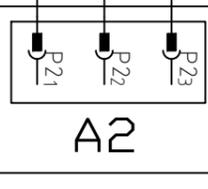
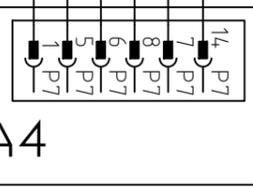
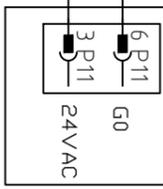
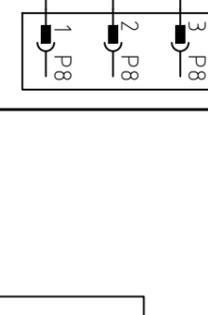
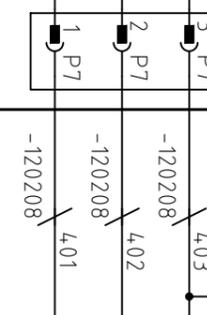
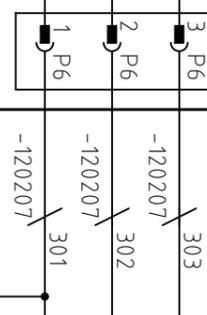
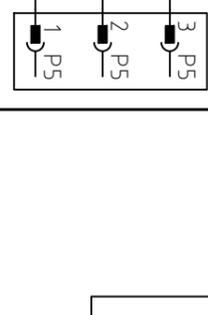
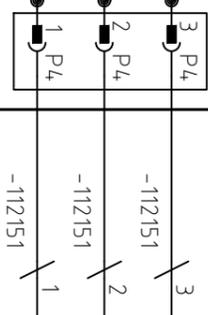
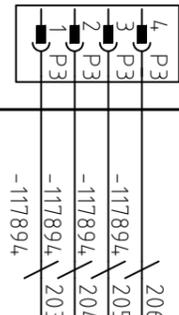
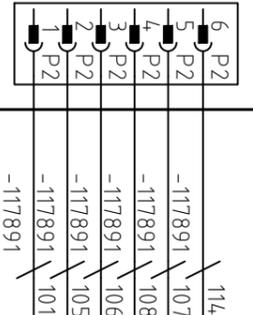
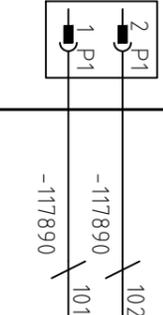
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Checked		Appr.			
<i>CONTROL UNIT A1 AND A2</i>				Replaces:	Replaced by:
<i>SECTION 2(2)</i>					
<i>ProNordic S-Series &amp; L310-L350</i>					<i>342361</i>

221018/RydKri	Date/Sign.
DRAWING UPDATED	Changes
6	Rev.

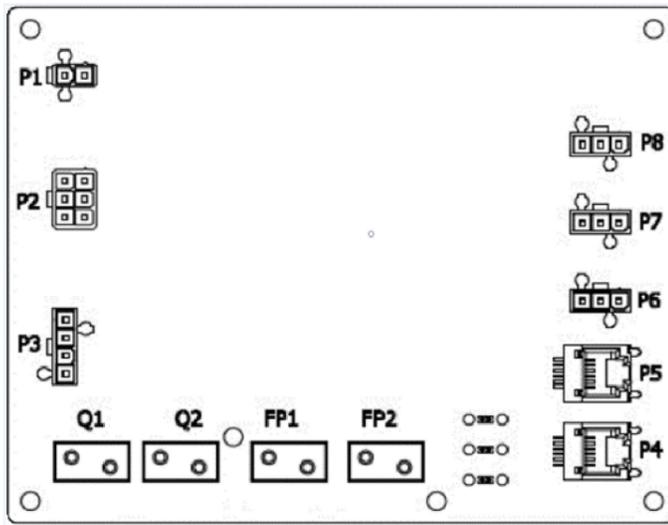
Lay-out MounTain



A3



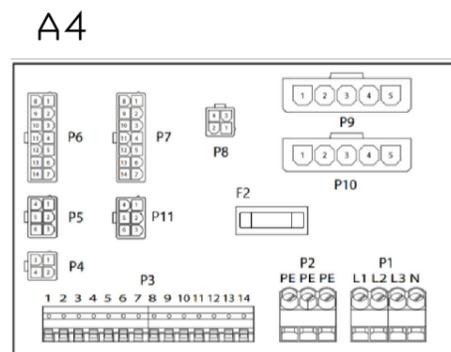
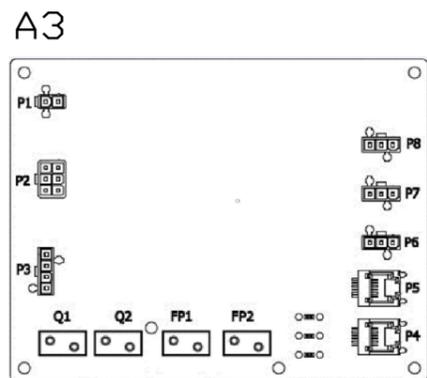
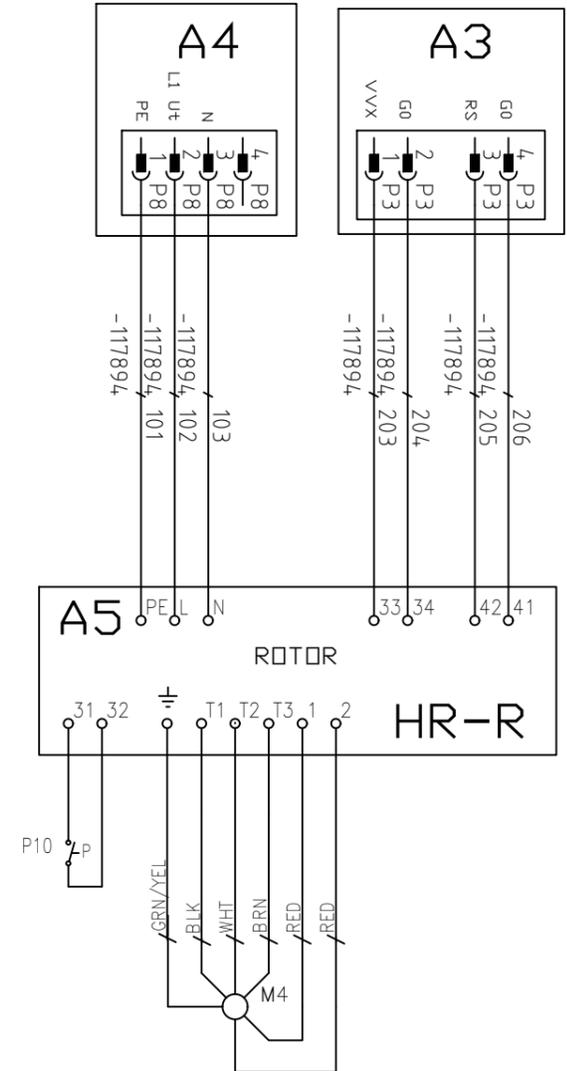
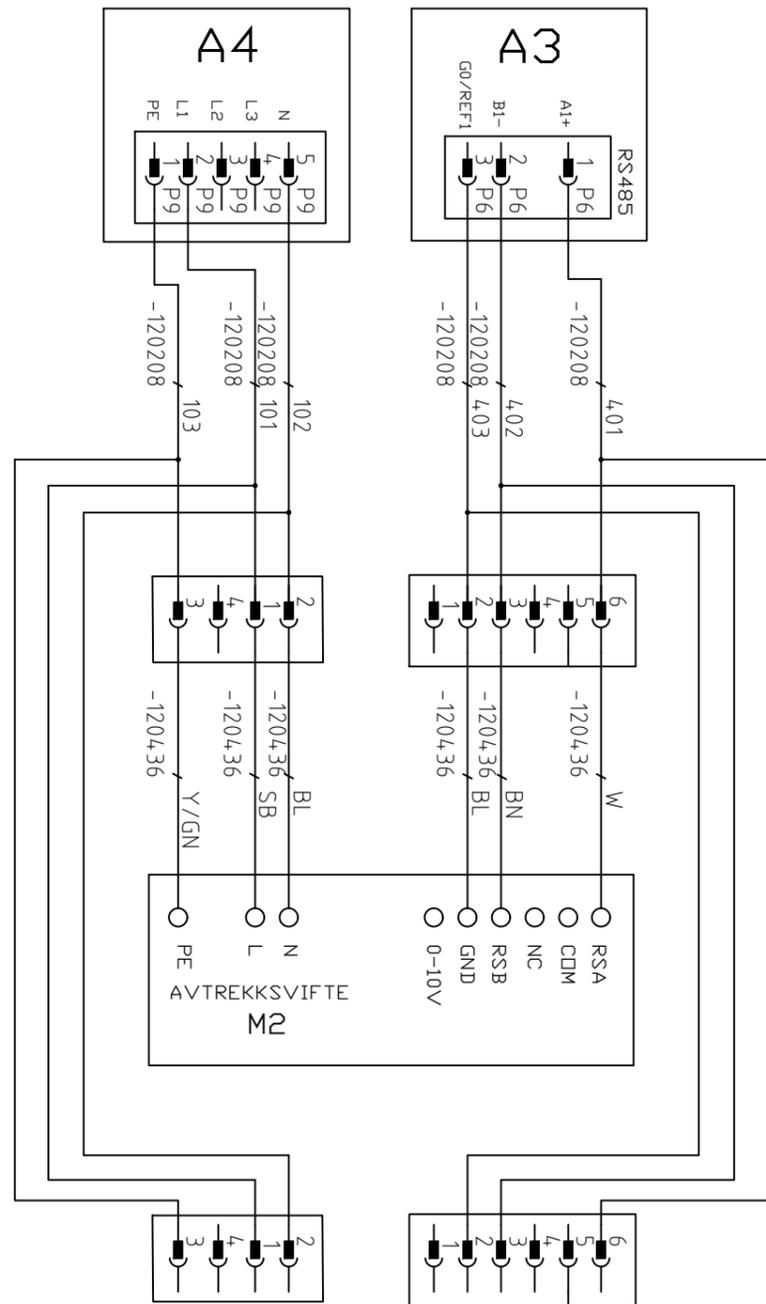
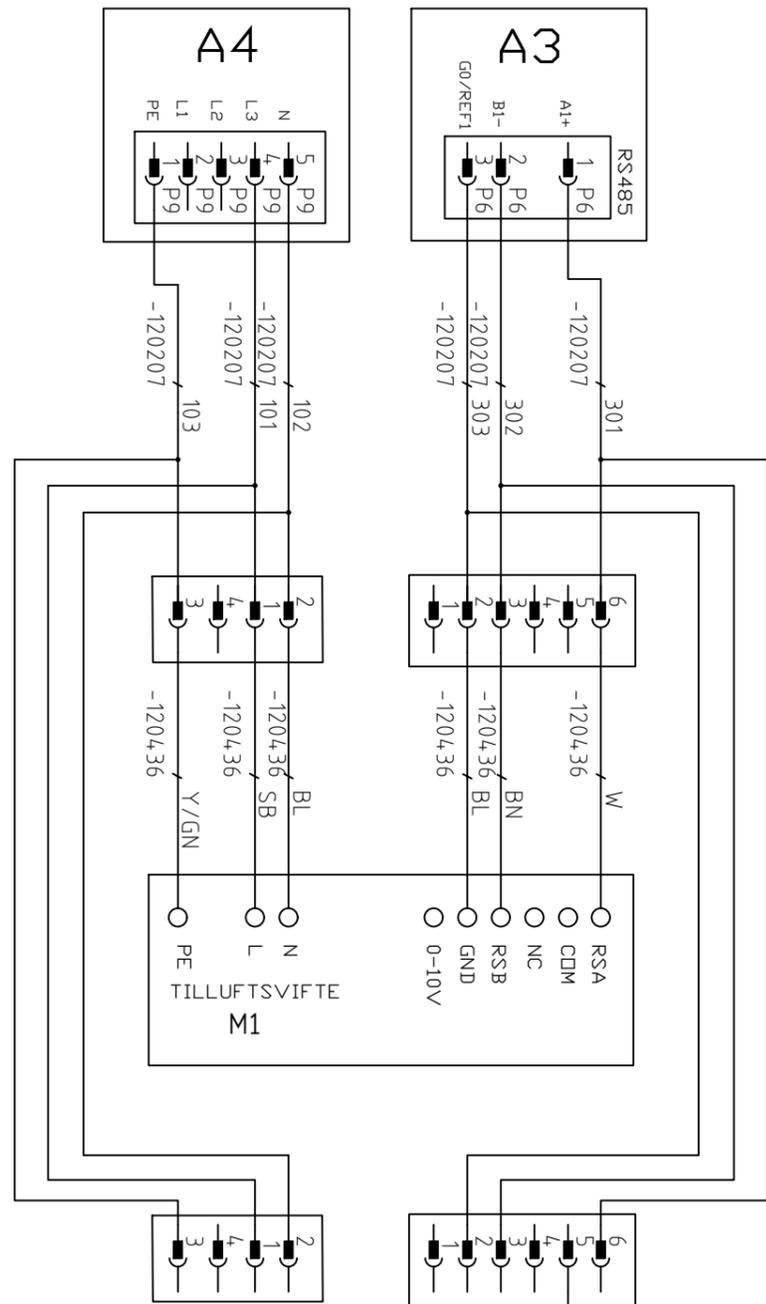
A3



230206/KR	Date/Sign.
INITIAL DRAWING	
1	Rev

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	2023-02-06	Drawn <b>RydKri</b>	Projection		
Checked		Appr.	Scale		
MODBUS I/O-EXTENDER A3					
ProNordic S300, L310 & L350				Replaces:	Replaced by:
				342382	

Lay-out Moun<sup>™</sup>tain



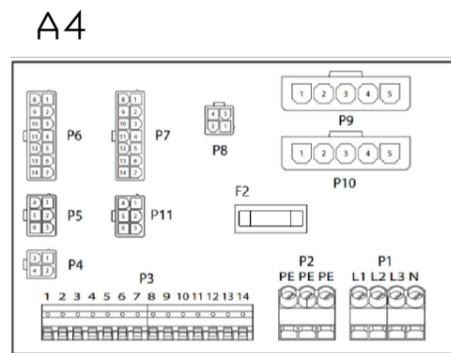
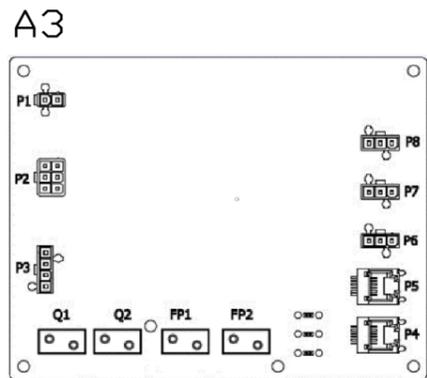
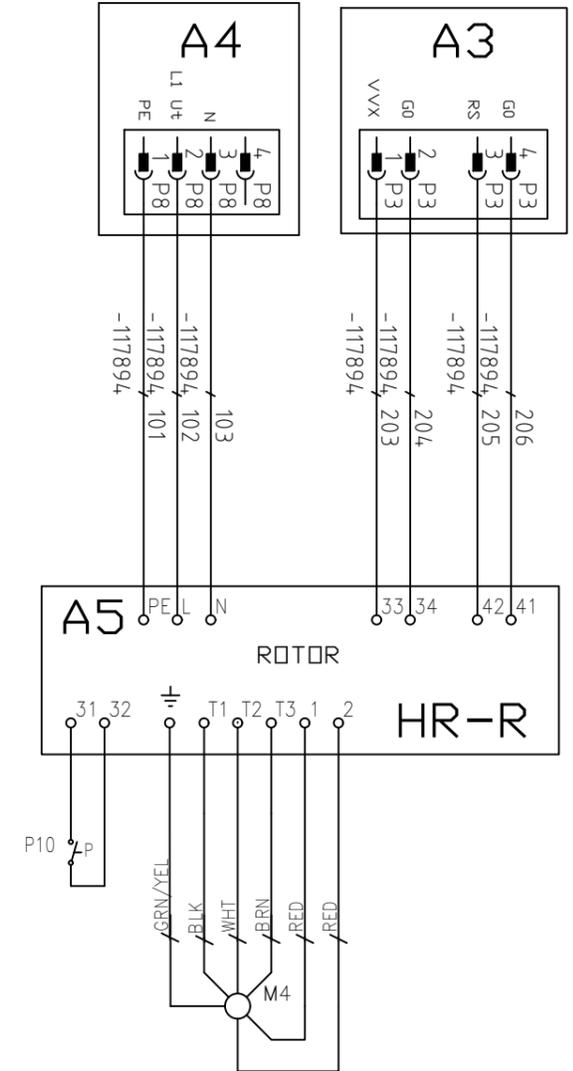
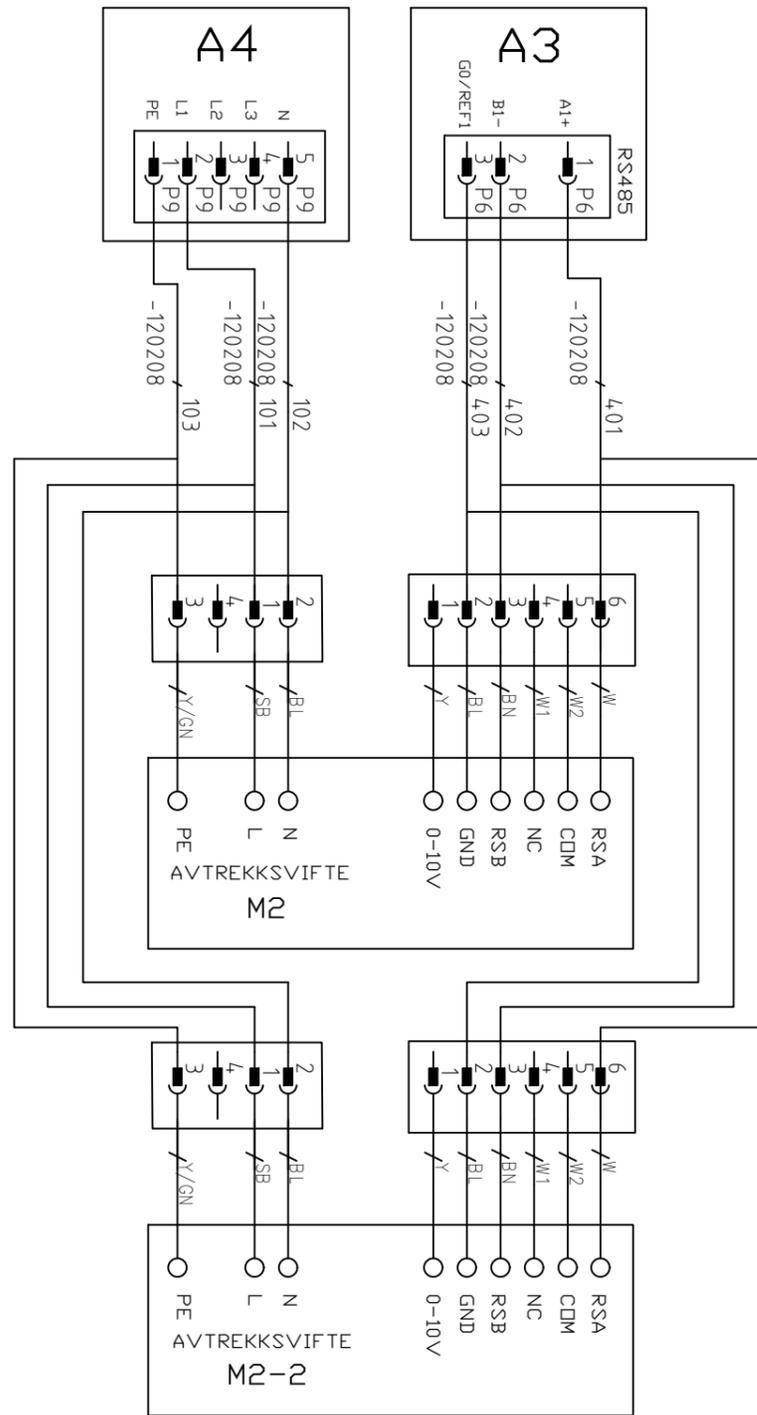
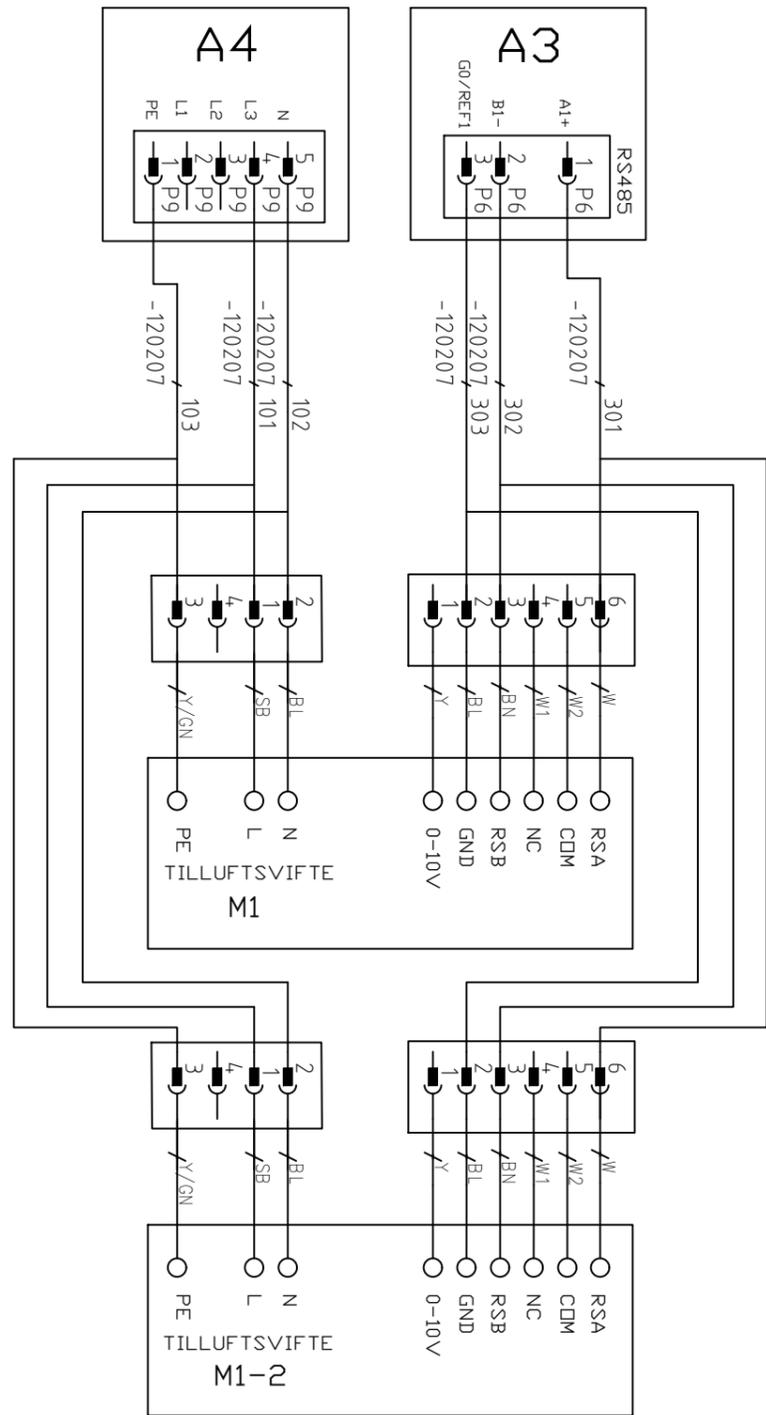
BETEGELSE	EFFEKT
M1	1500W
M2	1500W
HR-R(M4)	40W

1	Initial drawing	230207/KR
Symb.	Changes	Date/Sign.

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	2023-02-06	Drawn <b>RydKri</b>	Projection 	Scale	
Checked		Appr.			
<b>FANS + ROTOR</b>				Replaces:	Replaced by:
<b>M1/ M2 AND HR-R</b>				<b>342384</b>	
<b>ProNordic S300 &amp; L310</b>					



Lay-out Moun\*tain



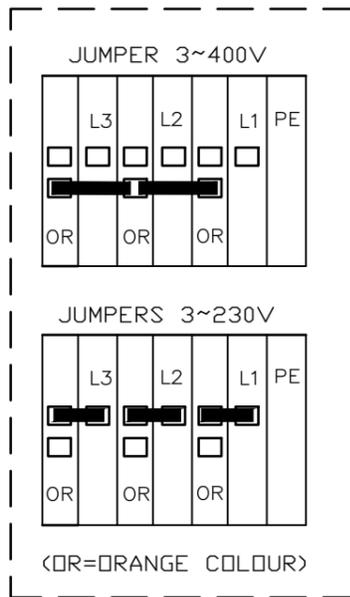
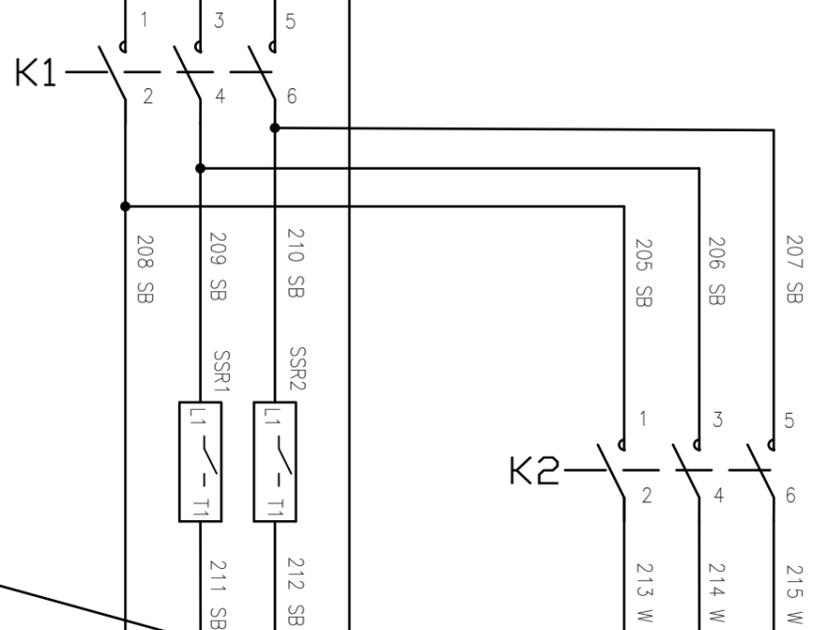
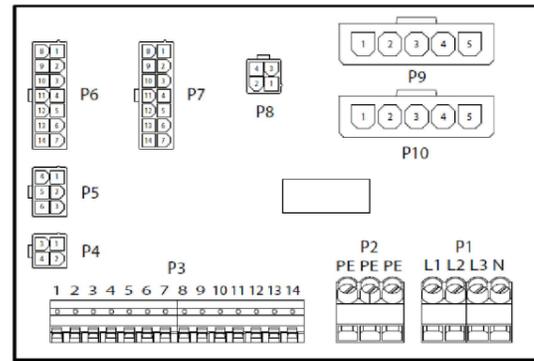
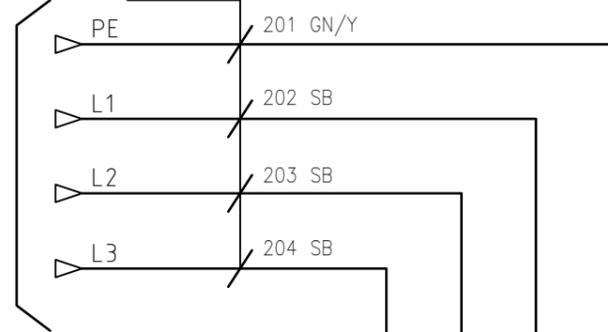
BETEGELSE	EFFEKT
M1/M1-2	750W
M2/M2-2	750W
HR-R(M4)	40W

1	Initial drawing	230207/KR
Symb.	Changes	Date/Sign.

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	2023-02-06	Drawn <b>RydKri</b>	Projection 	Scale	
Checked		Appr.			
<b>FANS + ROTOR</b>				Replaces:	Replaced by:
<b>M1, M1-2 / M2, M2-2 AND HR-R</b>				<b>342385</b>	
<b>ProNordic L350</b>					

FROM X1  
DWG.NO 342383

-113673



X2

X3

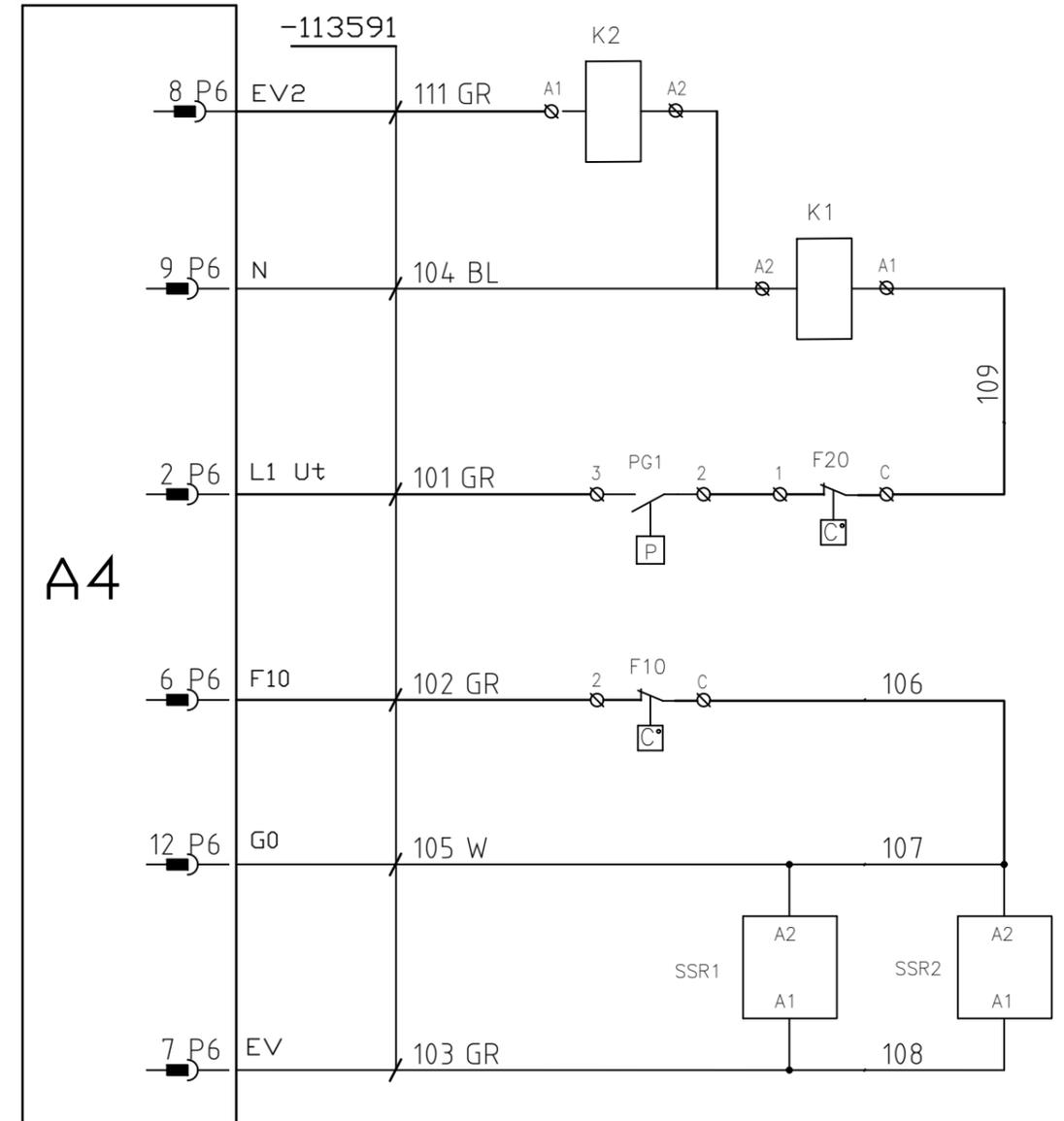
EB1

HEATING POWER EB1

6x2667W

COLOUR ABBREVIATIONS

BLACK	WHITE	RED	BLUE	YELLOW	GREEN	GREY	BROWN	ORANGE	PINK	VIOLET
SB	W	R	BL	Y	GN	GR	BN	OR	P	V



A4

1	INITIAL DRAWING	230207/Rydkri
Rev.	Changes	Date/Sign.

No. Unit	Pos. No.	Name, type, dim.	Drawing no. Standard	Art. No.	Matr. Spec.
Date	2023-02-03	Drawn Rydkri	Projection	Scale	
Checked		Appr.			
ELECTRIC HEATER EB1				Replaces:	Replaced by:
ProNordic S300, L310 & L350				342386	

DESCRIPTION	NO	EN	SV	DA	FI
<b>A1</b>	Regulator	Regulator	Regulator	Styresystem	Ohjausjärjestelmä
<b>A2</b>	Koblingskort	Connection board	Anslutningskort	Klemmekort	Riviliitinkortti
<b>A3</b>	Modbusextender	Modbus extender	Modbusextender	Modbusextender	Modbus-laajennin
<b>A4</b>	Strømforsyningskort	Power supply board	Strömförsörjningskort	Strømforsyningskort	Virransyöttökortti
<b>A5</b>	Styresignaler til rotor	Rotor controller	Rotorstyrning	Styresignaler til rotor	Roottorin ja lämpötila
<b>B1</b>	Temperaturføler, tilluft	Temperature sensor, supply air	Temperaturgivare, tilluft	Temperaturføler, indsugningsluft	Tuloilma-anturi
<b>B3</b>	Temperaturføler, avtrekk	Temperature sensor, extract air	Temperaturgivare, frånluft	Temperaturføler, udsugning	Lämpötila-anturi, poistoilma
<b>B4</b>	Temperaturføler, uteluft	Temperature sensor, outdoor air	Temperaturgivare, uteluft	Temperaturføler, udeluft	Lämpötila-anturi, ulkoilma
<b>B5</b>	Returvannsføler vannbatteri	Returnwater sensor, water battery	Returvattengivare, vattenbatteri	Temperaturføler, vandvarmevlade	Lämpötila-anturi, vesipatteri
<b>C1</b>	Kondensator	Capacitor	Kondensator	Kondensator	Kondensaattori
<b>CP1</b>	Kondensatorpakke	Capacitor pack	Kondensator	Kondensatorpakke	Kondensaattoripaketti
<b>DA1</b>	Avkastspjeld	Exhaust air damper	Avluftsspjäll	Spjæld, udsugningsluft	Sulkupelti, poistoilma
<b>DA2</b>	Uteluftspjeld	Outdoor air damper	Uteluftsspjäll	Spjæld, udeluft	Sulkupelti, ulkoilma
<b>E1, E2</b>	EMC-filter	EMC filter	EMC-filter	EMC-filter	EMC-suodatin
<b>EB1</b>	Ettervarmebatteri, elektrisk	Heating battery, electrical	Eftervarmebatteri, elektrisk	Eftervarmevlade, elektrisk	Lämmityspatteri, sähkö
<b>F1</b>	Sikring	Fuse	Säkring	Sikring	Sulake
<b>F2</b>	Sikring, kretskort	Fuse, printed circuit boards	Säkring, kretskort	Sikring, printkort	Sulake, piirilevy
<b>F10</b>	Overopphetningstermostat EB1 Manuell reset	Thermostat overheating EB1 Manual reset	Överhettningstermostat EB1 Manuell återställning	Overophedningstermostat EB1 Manuel resetfunktion	Ylilämpötermostaatti EB1 Manuaalinen nollaus
<b>F20</b>	Overhettningstermostat EB1 Automatisk reset	Thermostat overheating EB1 Automatic reset	Överhettningstermostat EB1 Automatisk återställning	Overophedningstermostat EB1 Automatisk reset	Termostaatti EB1 Automaattinen nollaus
<b>HR-R</b>	Rotor	Rotor	Rotor	Rotor	Roottorin
<b>K1</b>	Kontaktor, EB1	Contacteur, EB1	Kontaktor, EB1	Kontaktor, EB1	Kontaktori, EB1
<b>M1</b>	Tilluftsvifte	Supply air fan	Tilluftsflykt	Indsugningsventilator	Tuloilmapuhallin
<b>M2</b>	Avtrekksvifte	Extract air fan	Frånluftsflykt	Udsugningsventilator	Poistoilmapuhallin
<b>M4</b>	Rotormotor	Rotor motor	Rotormotor	Rotormotor	LTO-kiekon mootori
<b>P10</b>	Rotorvakt	Rotation detector	Rotationsvakt	Rotations detektor	Pyöritys ilmaisin
<b>PG1</b>	Trykkvakt, EB1	Pressure Guard, EB1	Trykkvakt, EB1	Pressostat, EB1	Paine-eroanturi, EB1
<b>PS1</b>	24V DC strømforsyning	24V DC power supply	24V DC nättaggregat	24V DC strømforsyning	24 V DC virtalähde
<b>RL1</b>	Relé	Relay	Relä	Relæ	Rele
<b>S1</b>	Styrepanel	Control panel	Styrpanel	Styrepanel	Ohjauspaneeli
<b>SSR1, SSR2</b>	Halvlederrelé, EB1	Solid state relay, EB1	Halvlederrelä, EB1	Halvlederrelæ, EB1	Puolijohderele, EB1
<b>ST1</b>	Transformator	Transformer	Transformator	Transformator	Muuntaja
<b>WB1</b>	Ettervarmebatteri, vann	Heating battery, water based	Eftervarmebatteri, vatten	Eftervarmevlade, vand	Lämmityspatteri, vesi
<b>X1</b>	Rekkelemme, forsyning	Connector, supply voltage	Anslutningsplint, matning	Rækkelemmer indgående forsyning	Riviliittimet – sisääntulevaa syöttöä varten
<b>X2</b>	Rekkelemme, EB1	Connector terminal, EB1	Anslutningsplint, EB1	Rækkelemmer, EB1	Riviliittimet, EB1
<b>X100</b>	ISDN skjøtekontakt	RJ45 contact	RJ45 skarvkontakt	RJ45-samlemuffe	RJ45-liitäntä
<b>X101</b>	RJ12 skjøtekontakt	RJ12 contact	RJ12 skarvkontakt	RJ12-samlemuffe	RJ12-liitäntä
<b>X102</b>	Skjøtekontakt	Contact	Skarvkontakt	Samlemuffe	Liitäntä