Geniox Control system 11.04.08

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Quick Guide: page 2

General Description: page 3-4

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Circuit Diagram: page 19-38

Modbus Guide: page 28

Sectional defrosting: page 39

Modbus address list: page 42

Frequency converter guide: page 43

Cable plan: page 100-140

Units with external cabinet:

Geniox 10-18 are placed on top of the unit.
Geniox 20-31 are placed on front of the unit

Units with internal cabinet:

Cabinet is always inside the unit.

AHU unit data.

Heat exchanger type:

See data in the attached annex - Technial data

Heat coil type:

See data in the attached annex - Technial data

Cooling coil type:

See data in the attached annex - Technial data

Heat pump type:

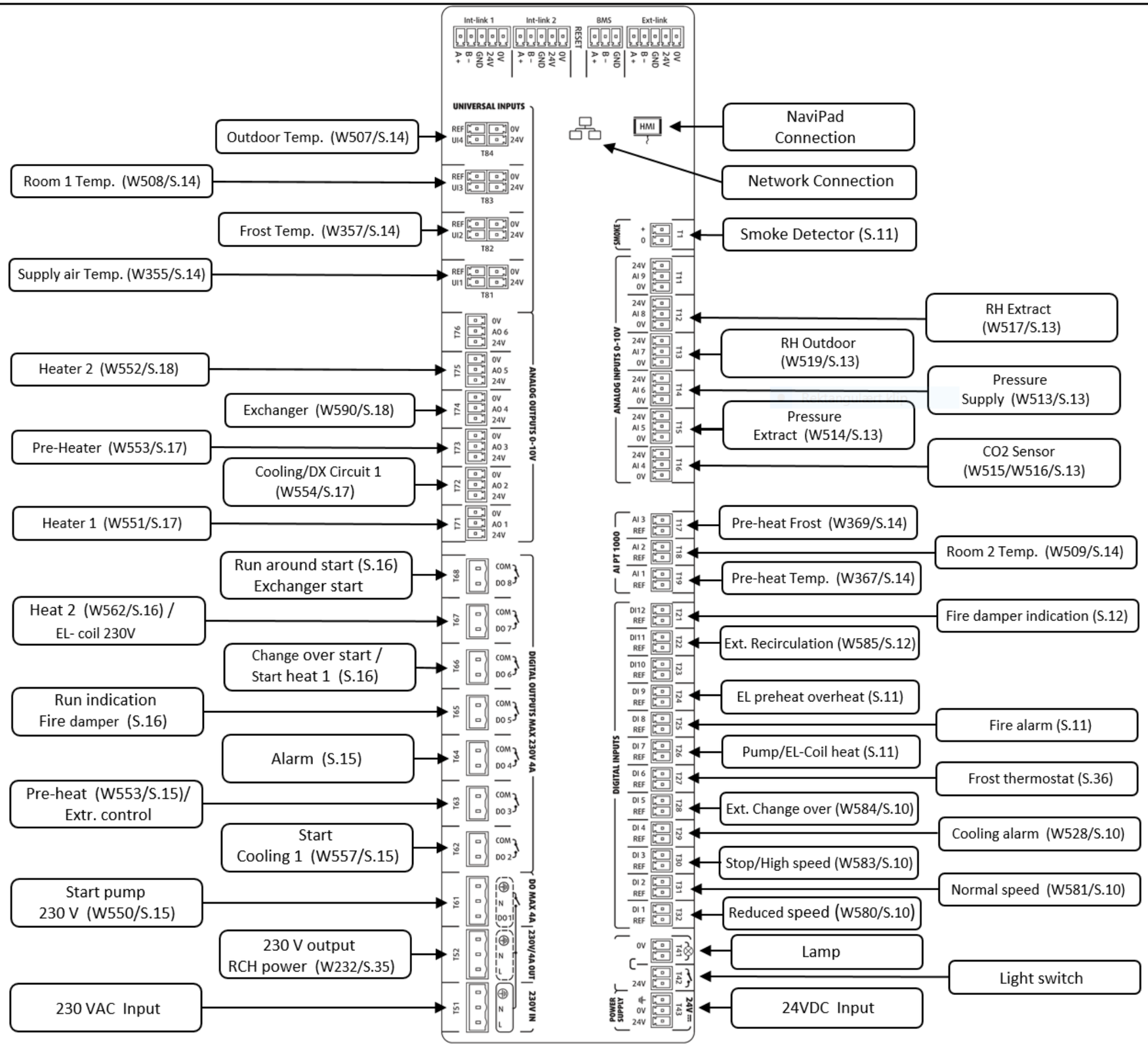
See data in the attached annex - Technial data

Electrical data:

Total consumed power:	Watch printed order
Fan fuse size:	Watch printed order
Supply air fan cable resistance:	Watch printed order
Extract air fan cable resistance:	Watch printed order
Max pre-fuse:	Watch printed order
Ik max on fuse in unit:	6 kA

Manufacturer:

Systemair A/S, Denmark
Ved Milepælen 7
8361 Hasselager

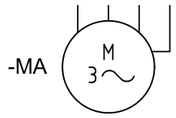


systemair	Geniox Access CU40 Controller	Quick guide	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 2
			Date: 17-11-2021 / initials: MIKE	Total sheets: 4	Next sheet: 3

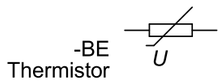
Symbols are according to IEC 60617.
On the following 2 pages there are descriptions of used symbols in the project.

Wire Colour code

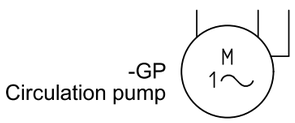
Black - BK
Brown - BN
Red - RD
Yellow - YE
Green - GN
Blue - BU
Violet - VT
Gray - GY
White - WH
Pink - PK
Transparent - TP
Green/Yellow - PE



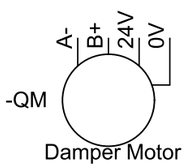
Motor



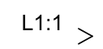
Thermistor



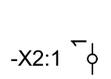
Cirkulation pump



Damper Motor

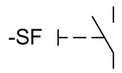


References

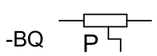


Terminal

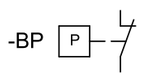
Lamp



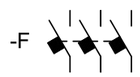
Switchgear



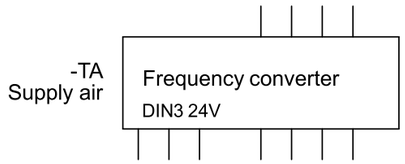
Pressure transmitter



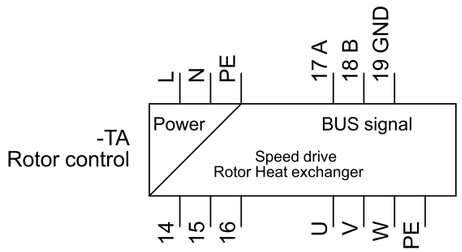
Pressure Switch



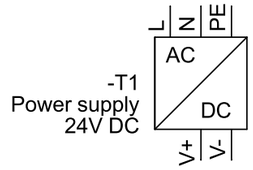
Automatic tripping,



Frequency converter

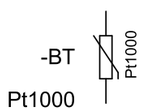


Rotary heat exchanger



Power supply

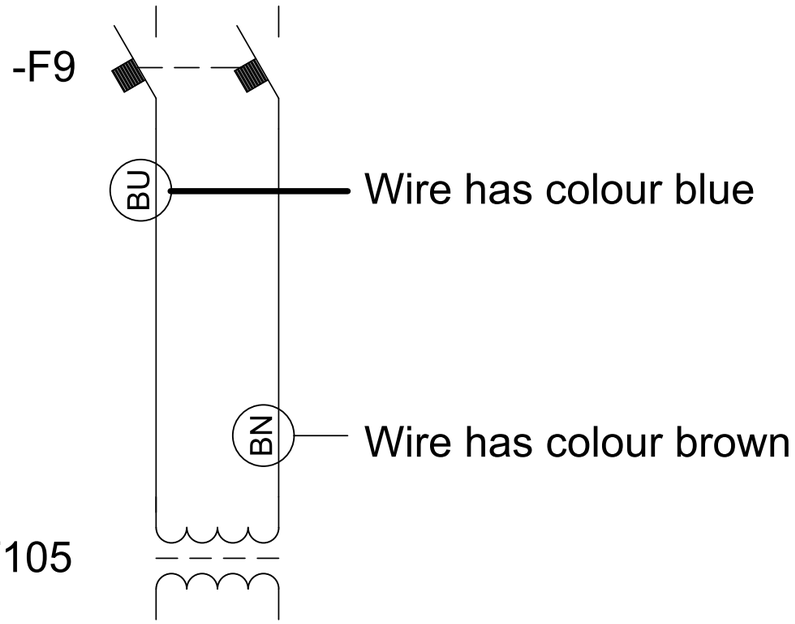
fireguard



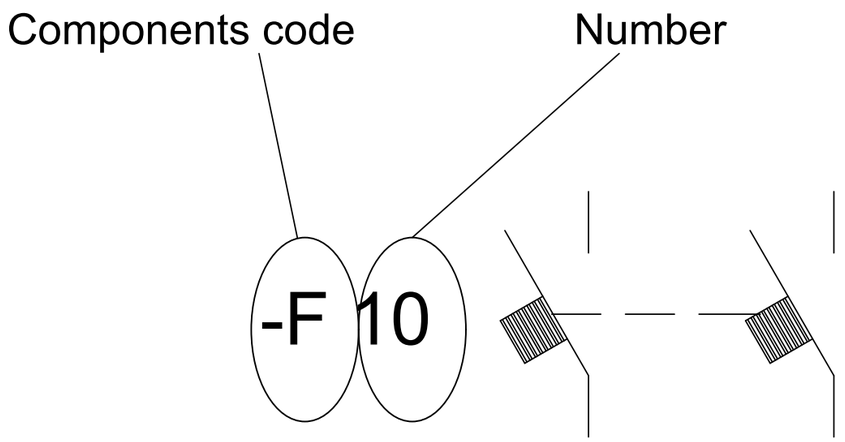
Temperature (measuring)

systemair	Geniox Access CU40 Controller	General Description Symbols	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 3
			Date: 17-11-2021 / initials: MIKE	Total sheets: 4	Next sheet: 4

Labeling of wires
are marked with
Terminal name



Components are marked with component codes
followed by a number according to IEC 61346-1 Chart 1



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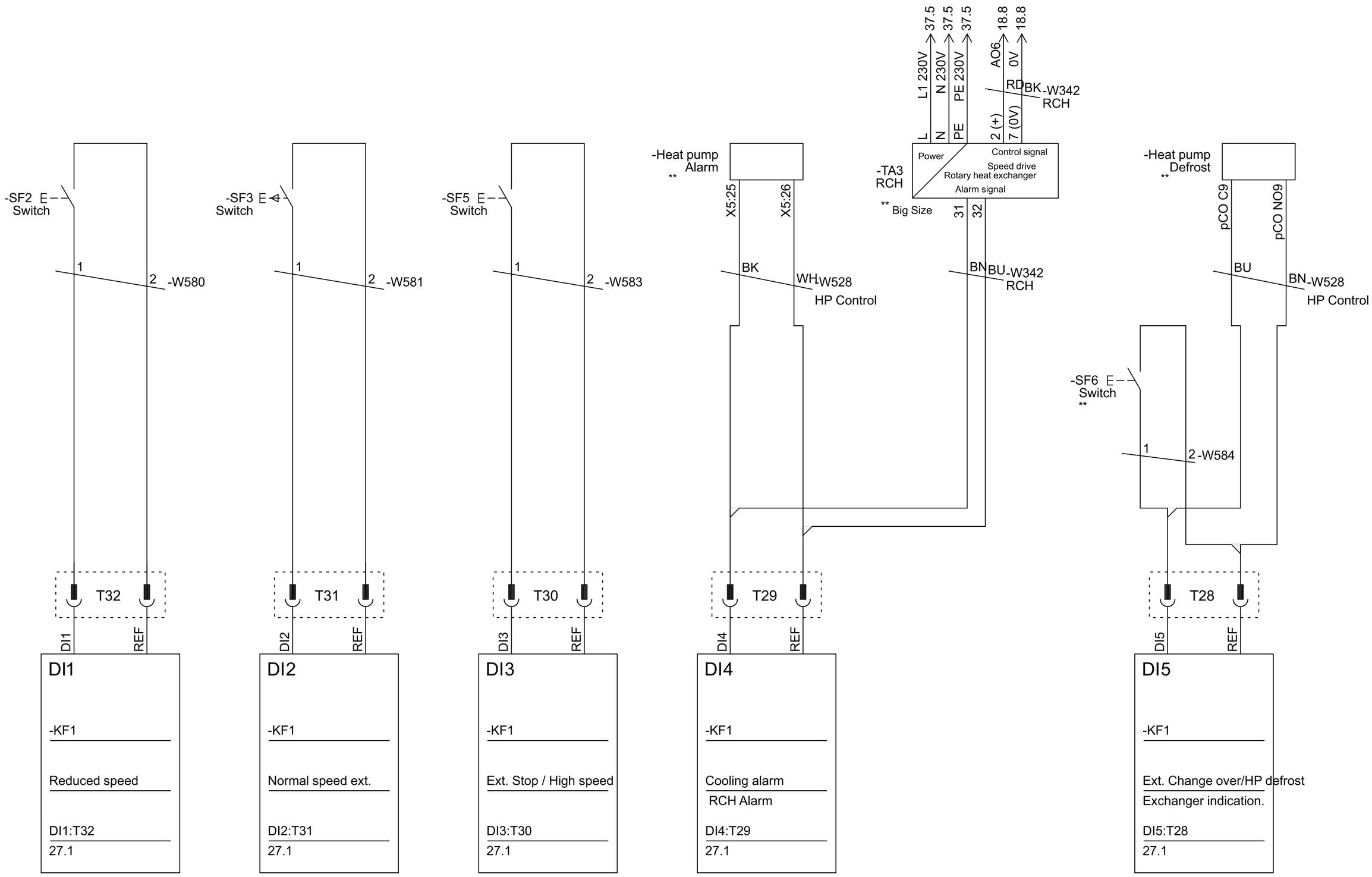
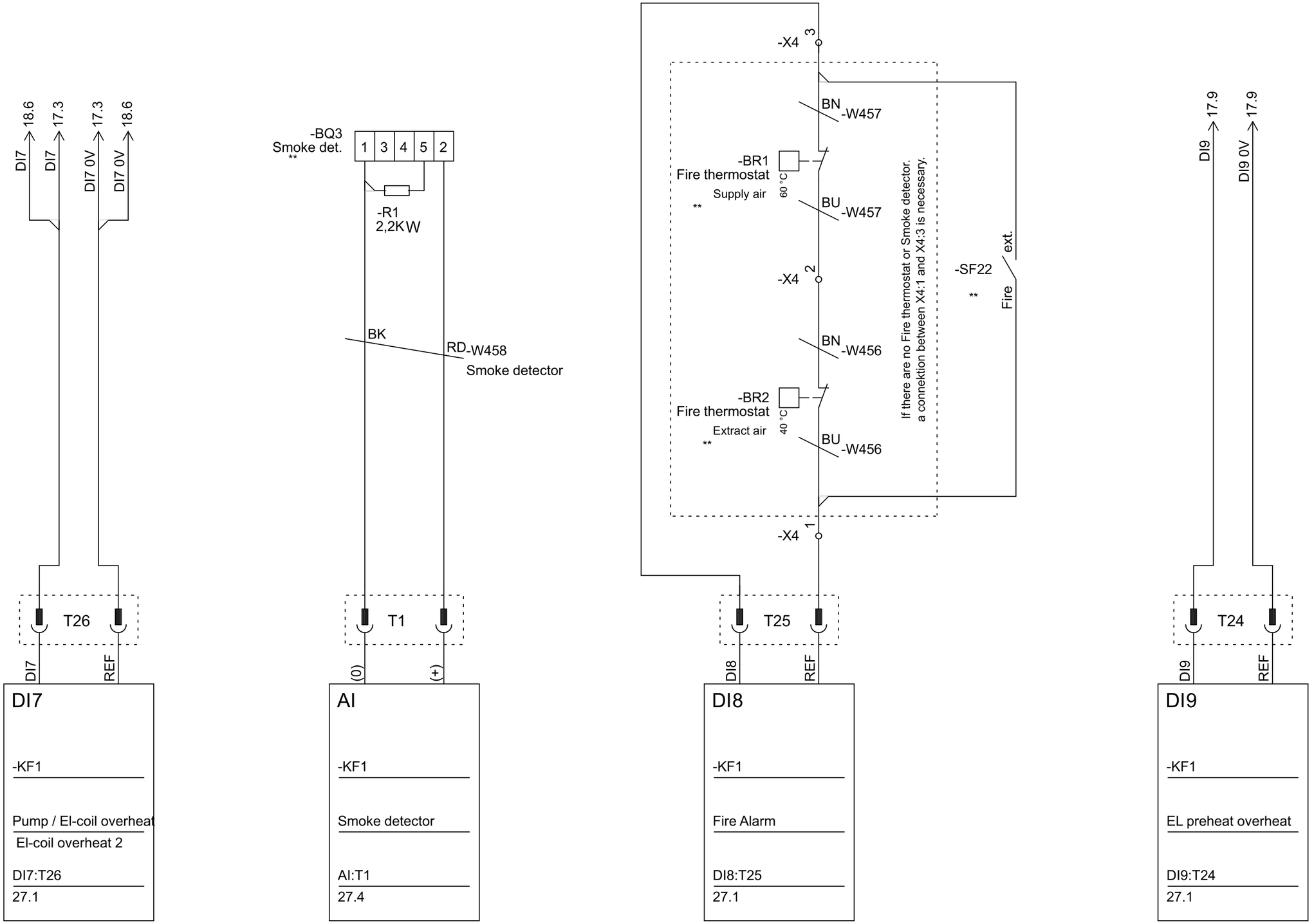
			Date: 17-11-2021 / initials: MIKE	Total sheets: 4	Next sheet:



**option

systemair	Geniox Access CU40 Controller	External connections DI	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 10
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 11



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systemair	Geniox Access CU40 Controller	External connections DI	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 11
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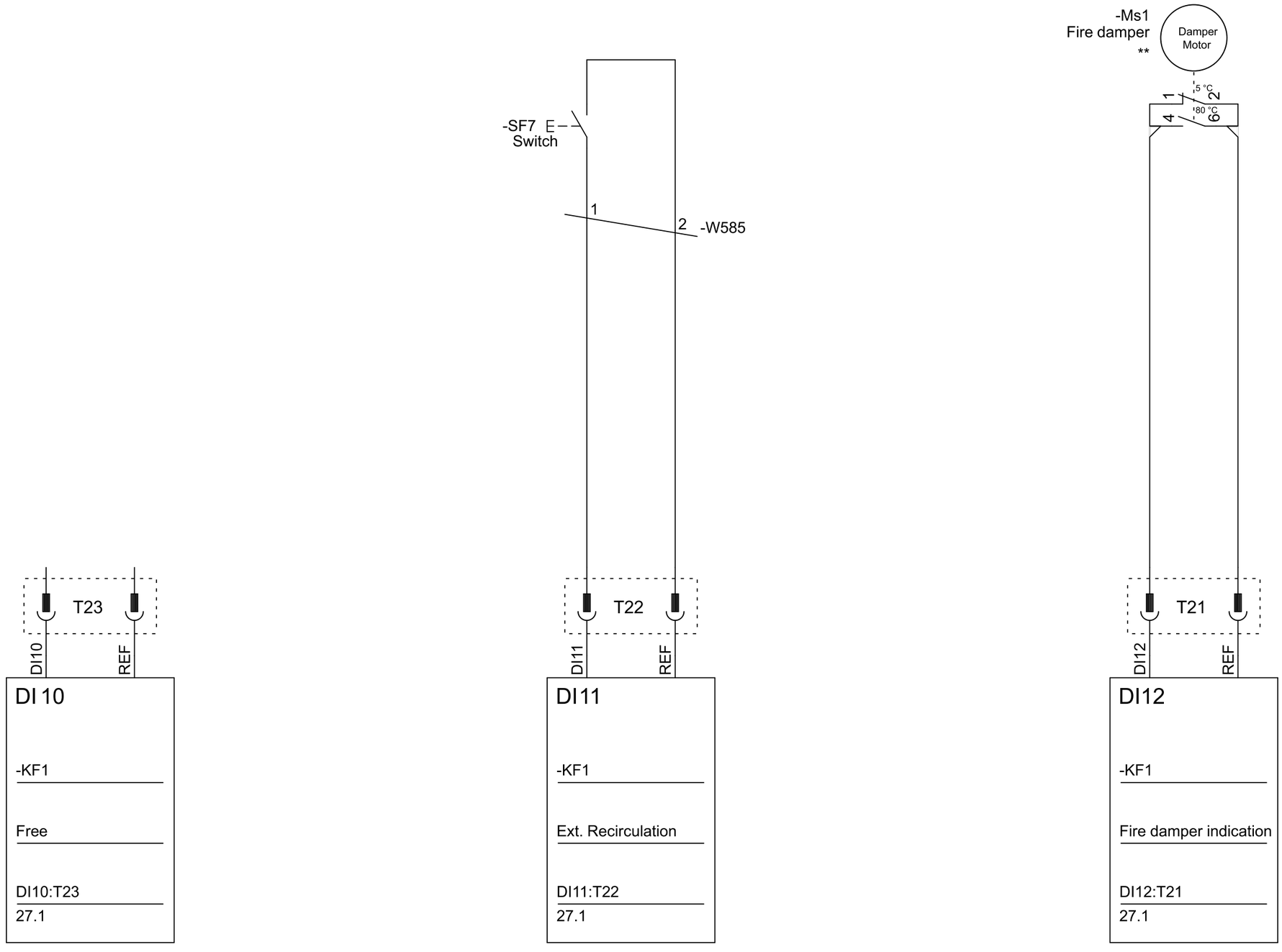

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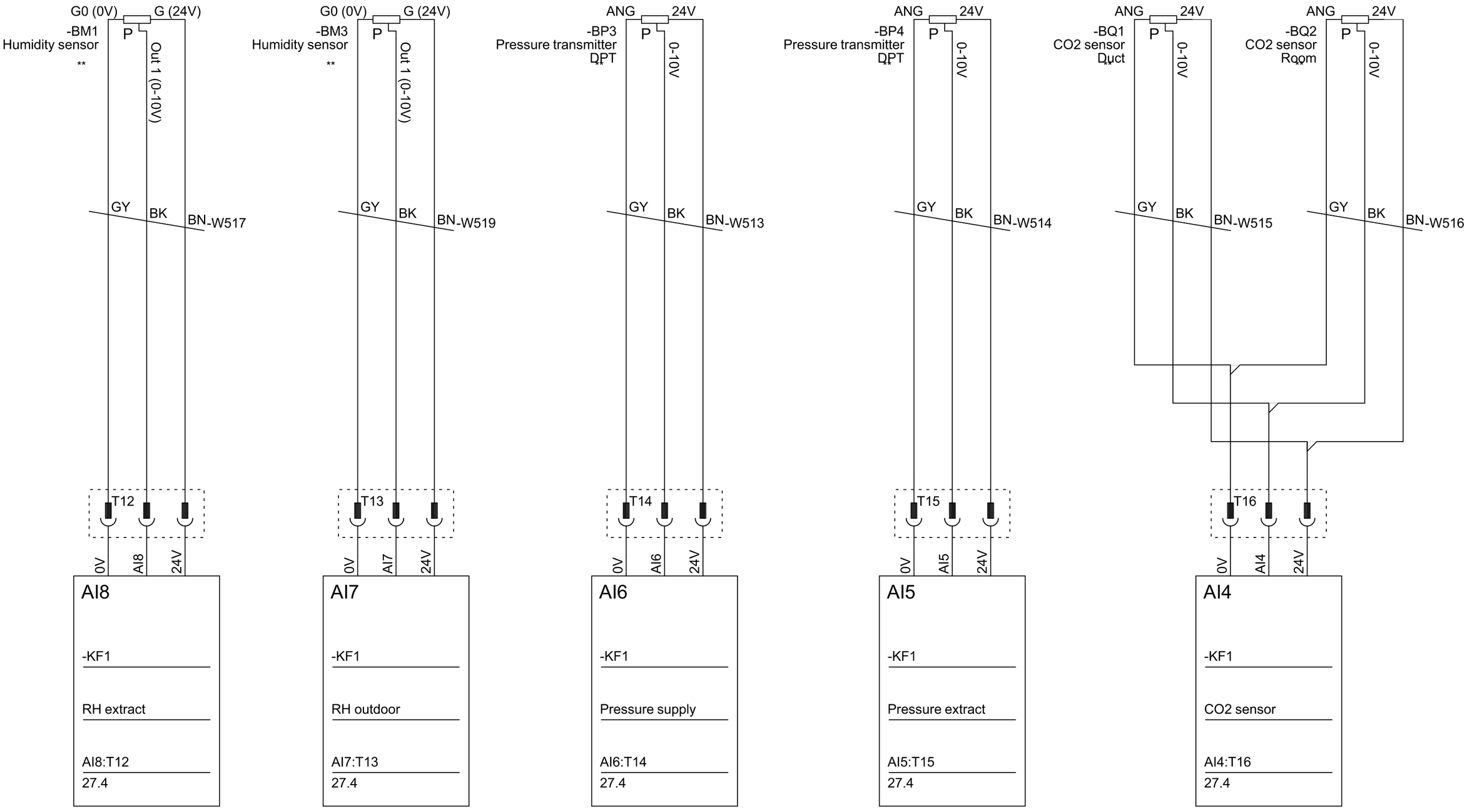

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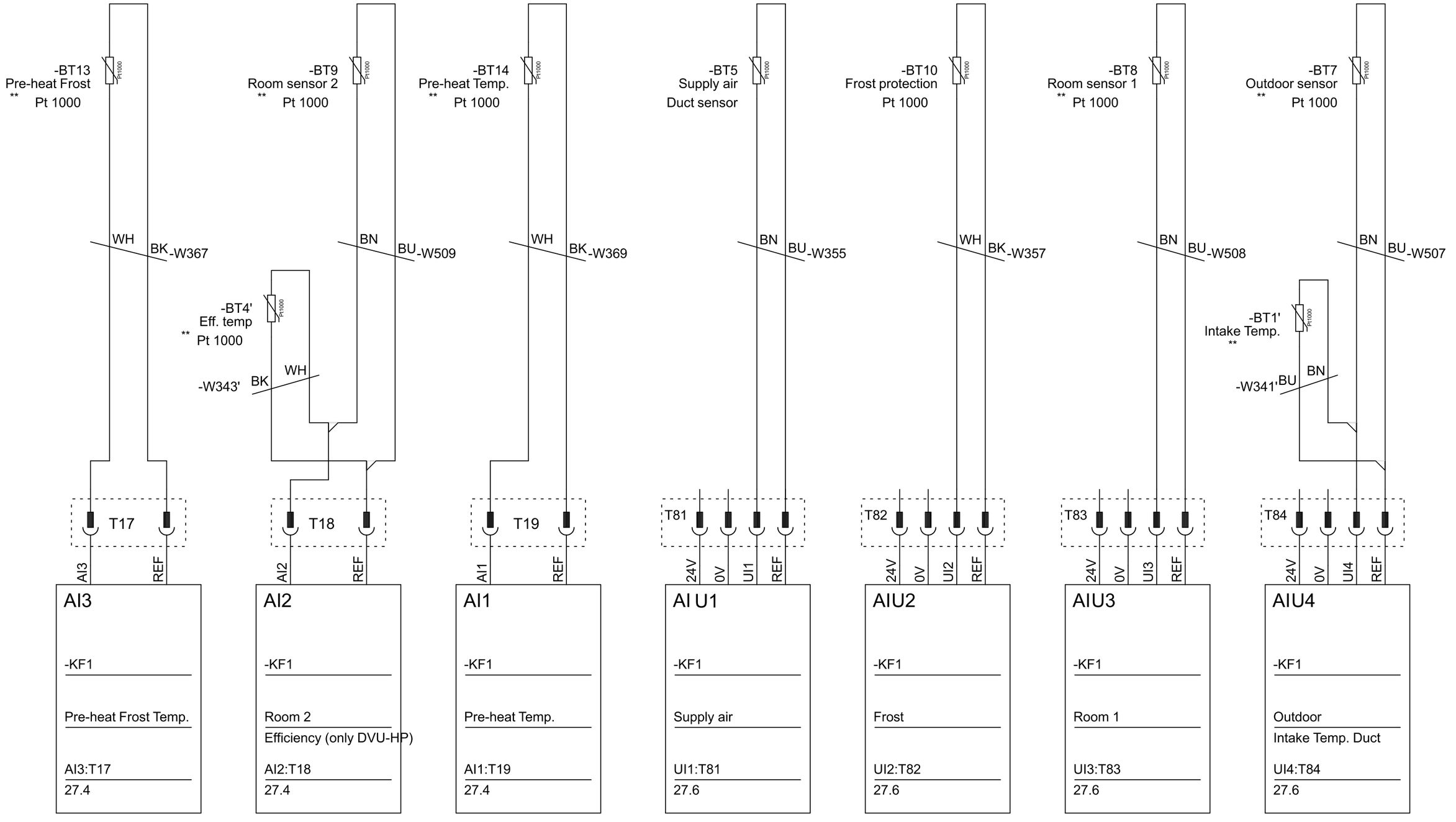

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systemair	Geniox Access CU40 Controller	External connections AI	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08 / Sheet: 14
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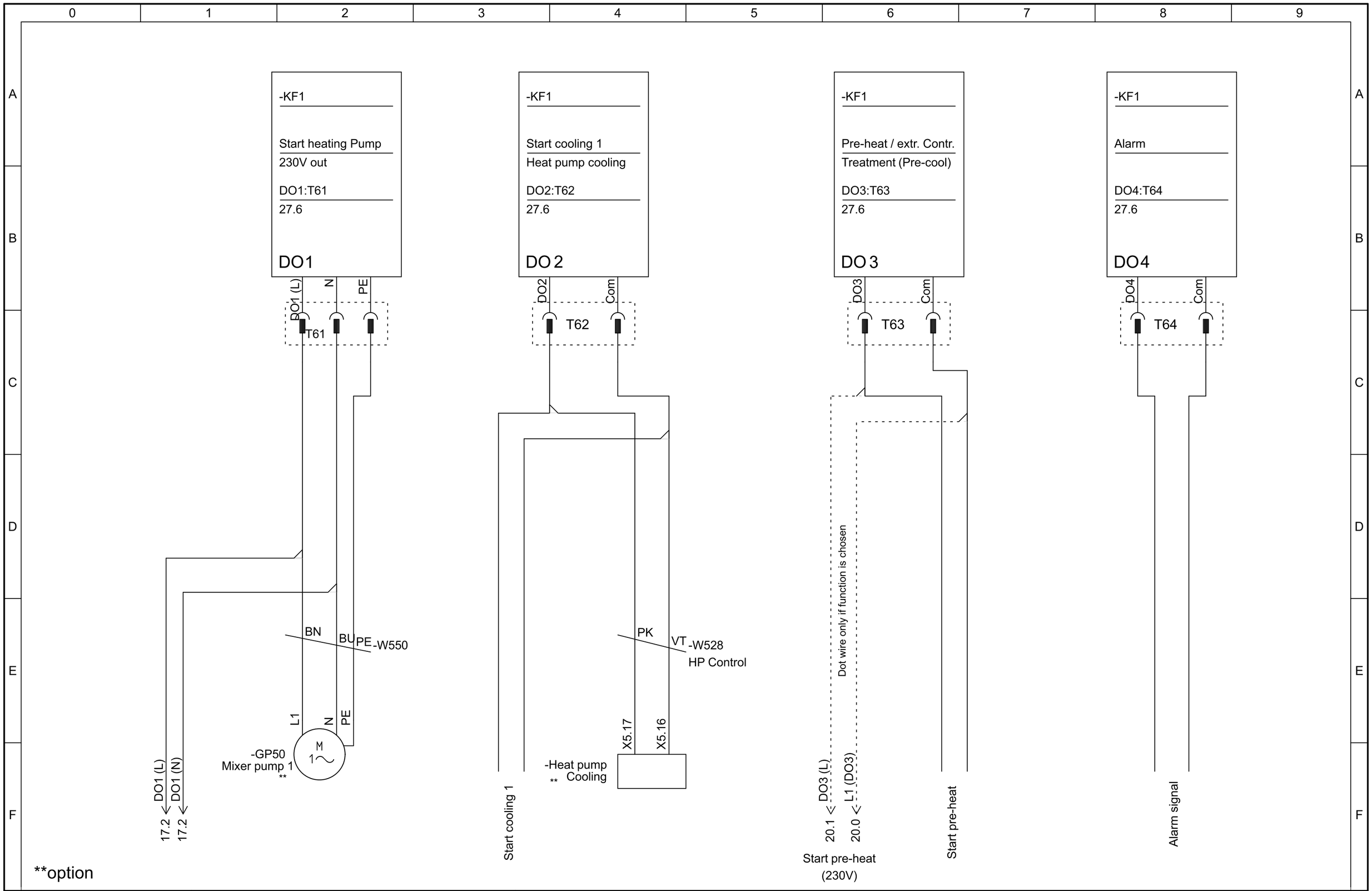

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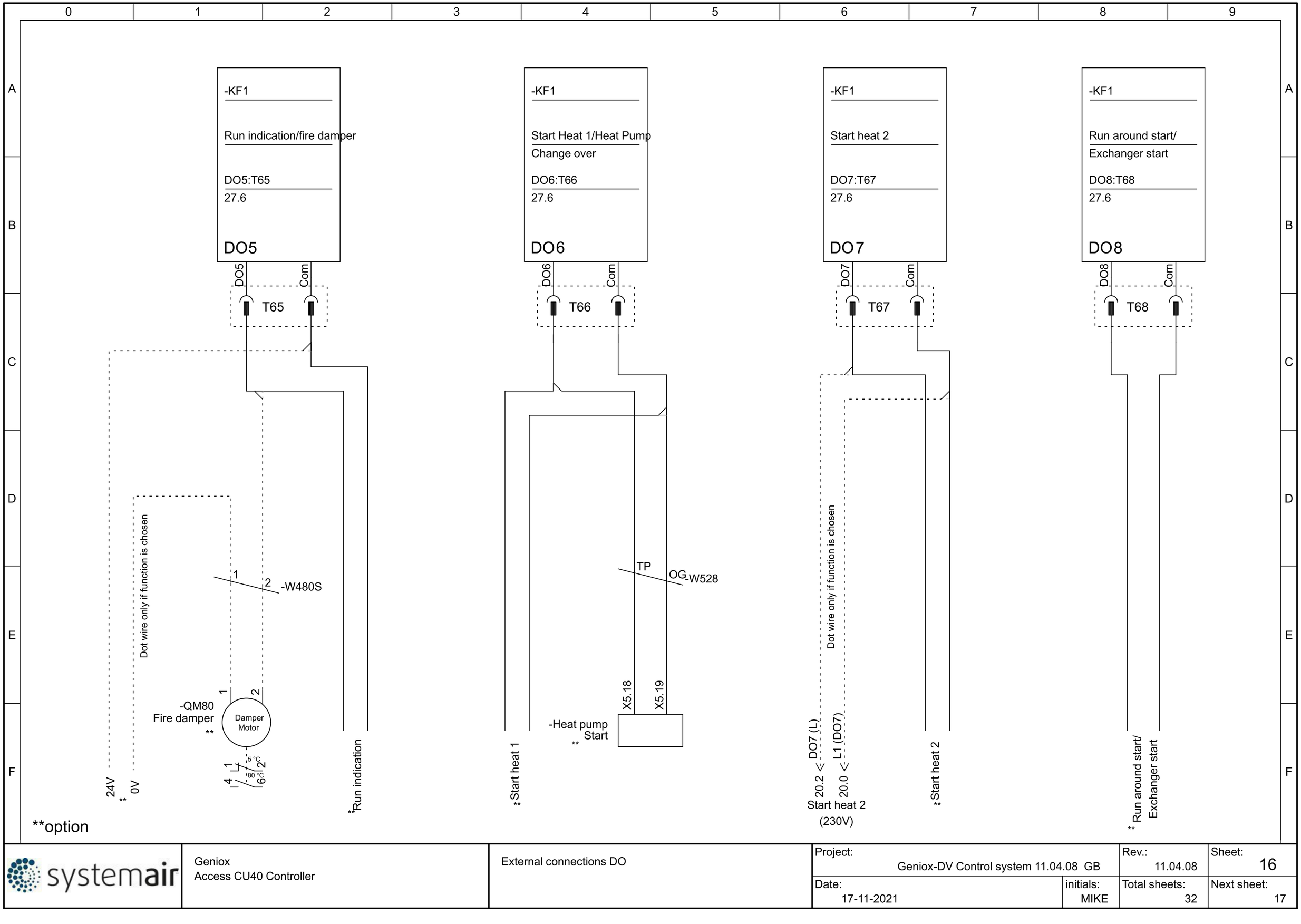

systemair	Geniox Access CU40 Controller	External connections DO	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 16
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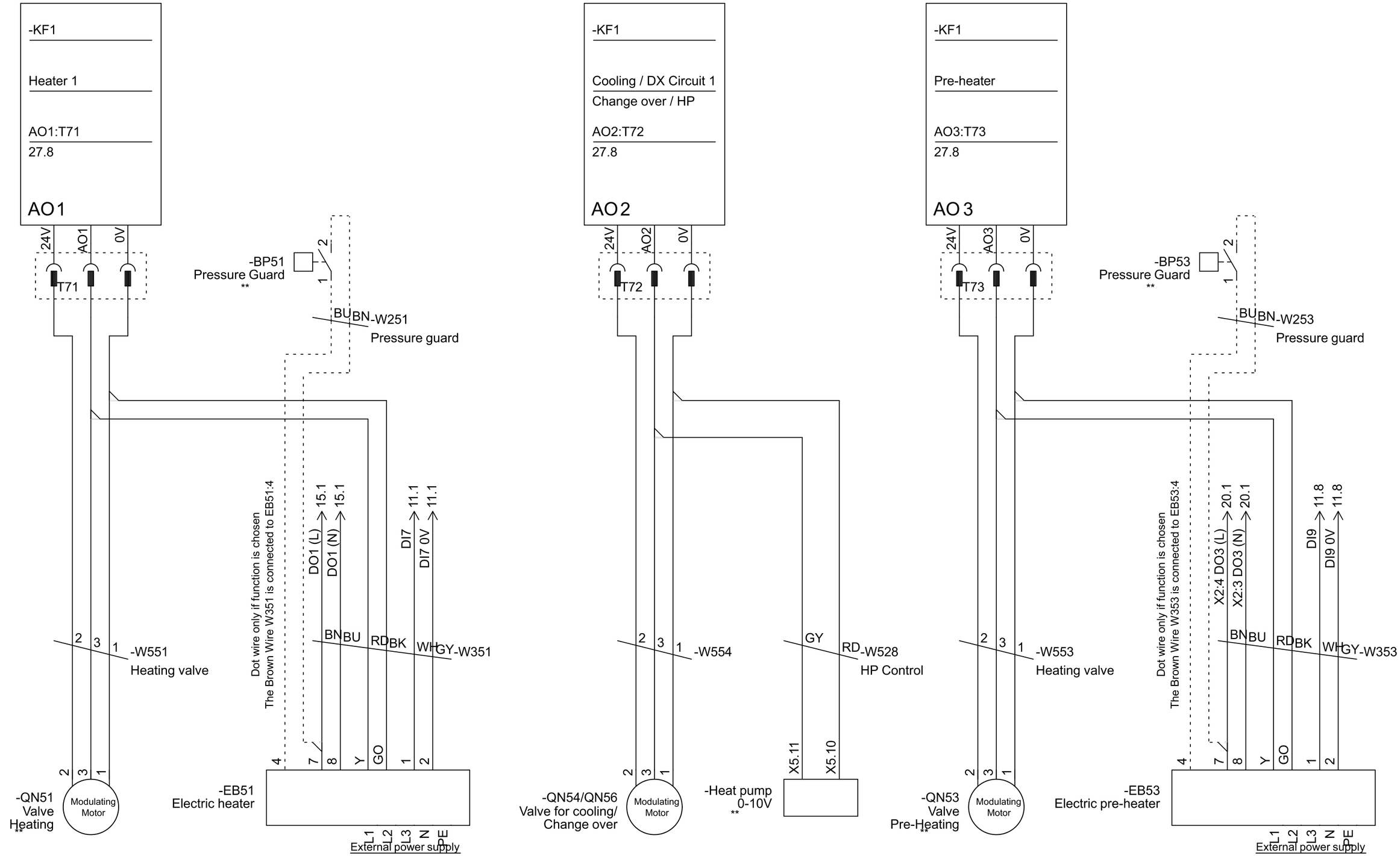

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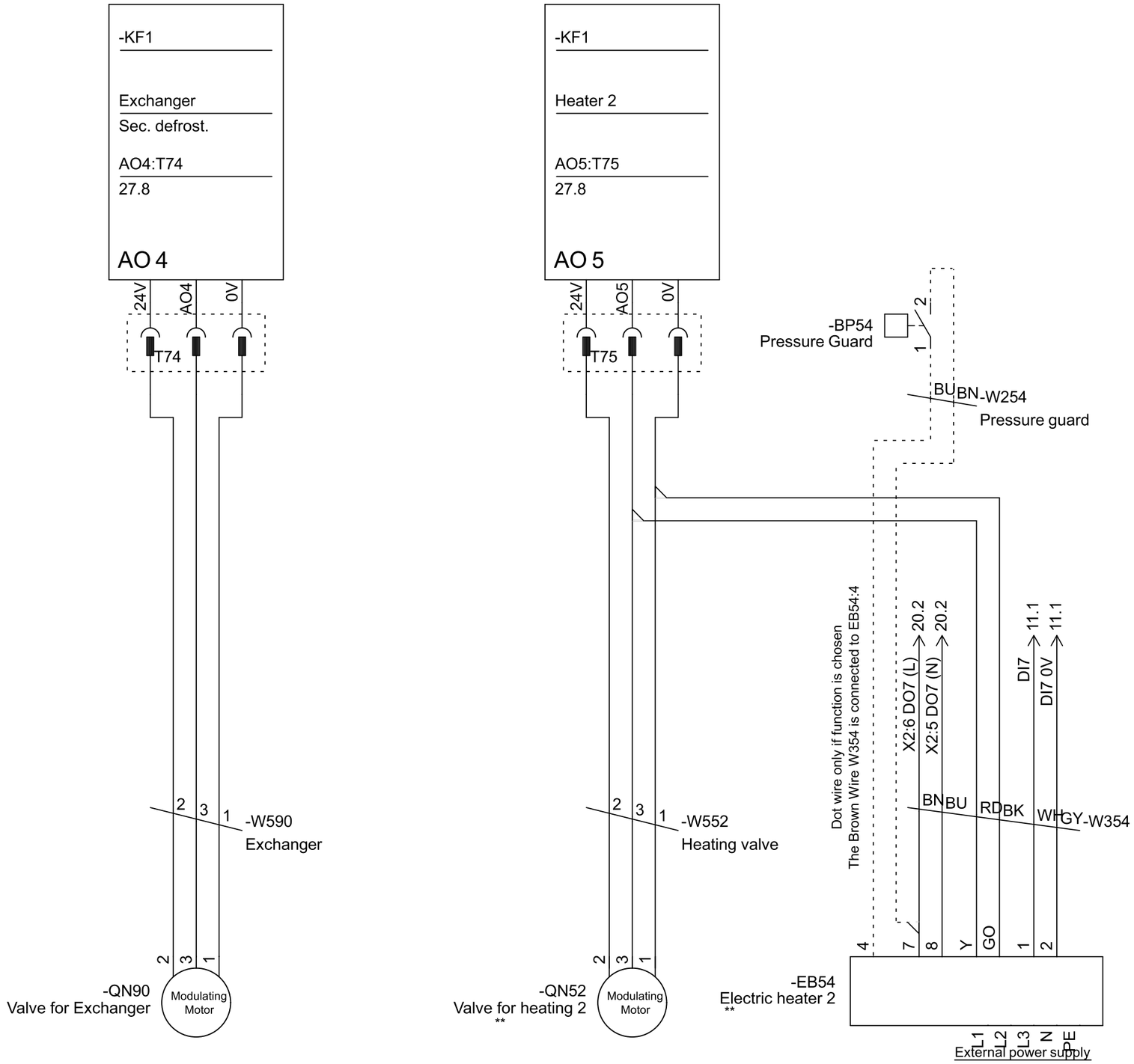

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systemair	Geniox Access CU40 Controller	External connections AO	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 18
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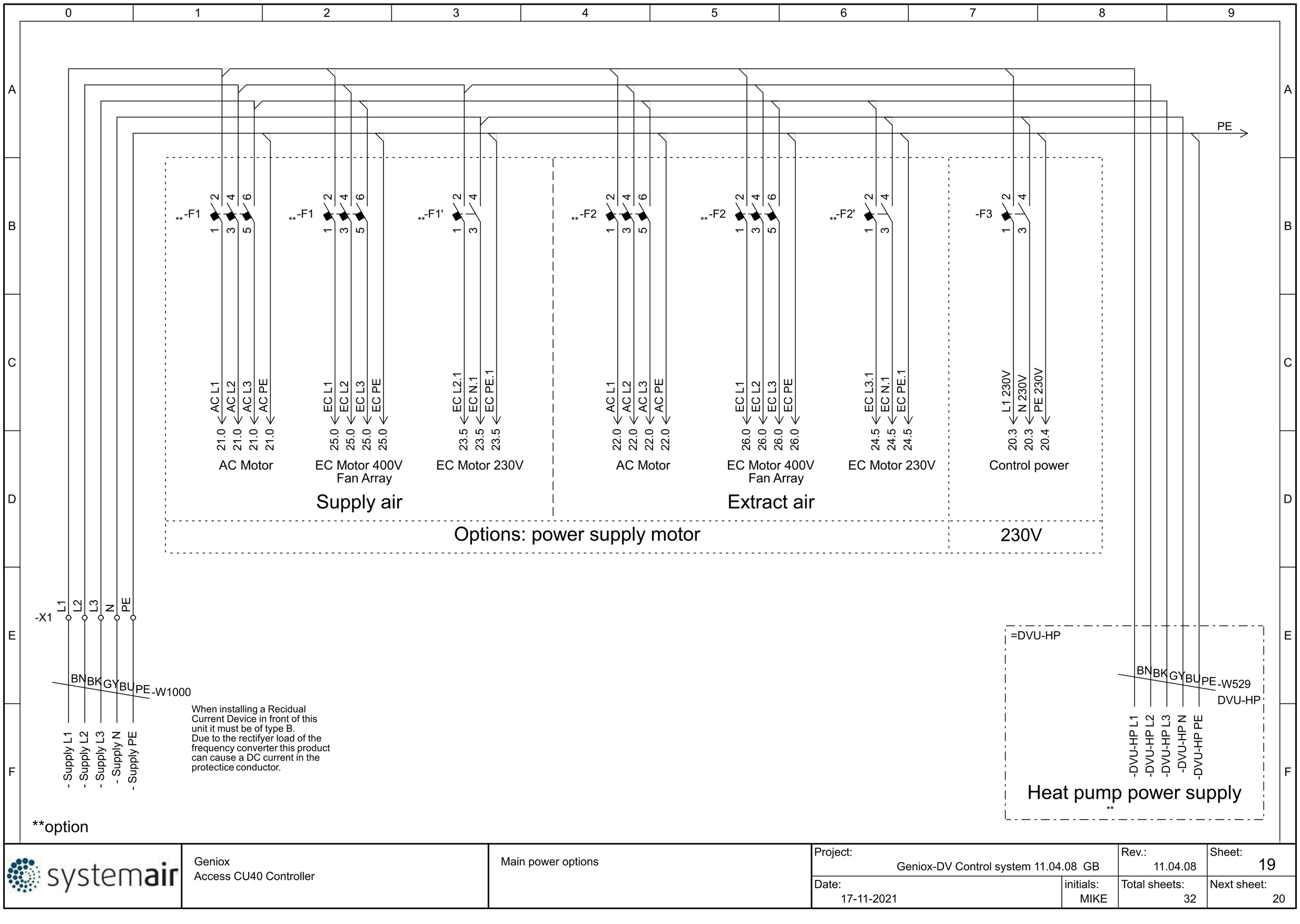

systemair	Geniox Access CU40 Controller	Main power options	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 19
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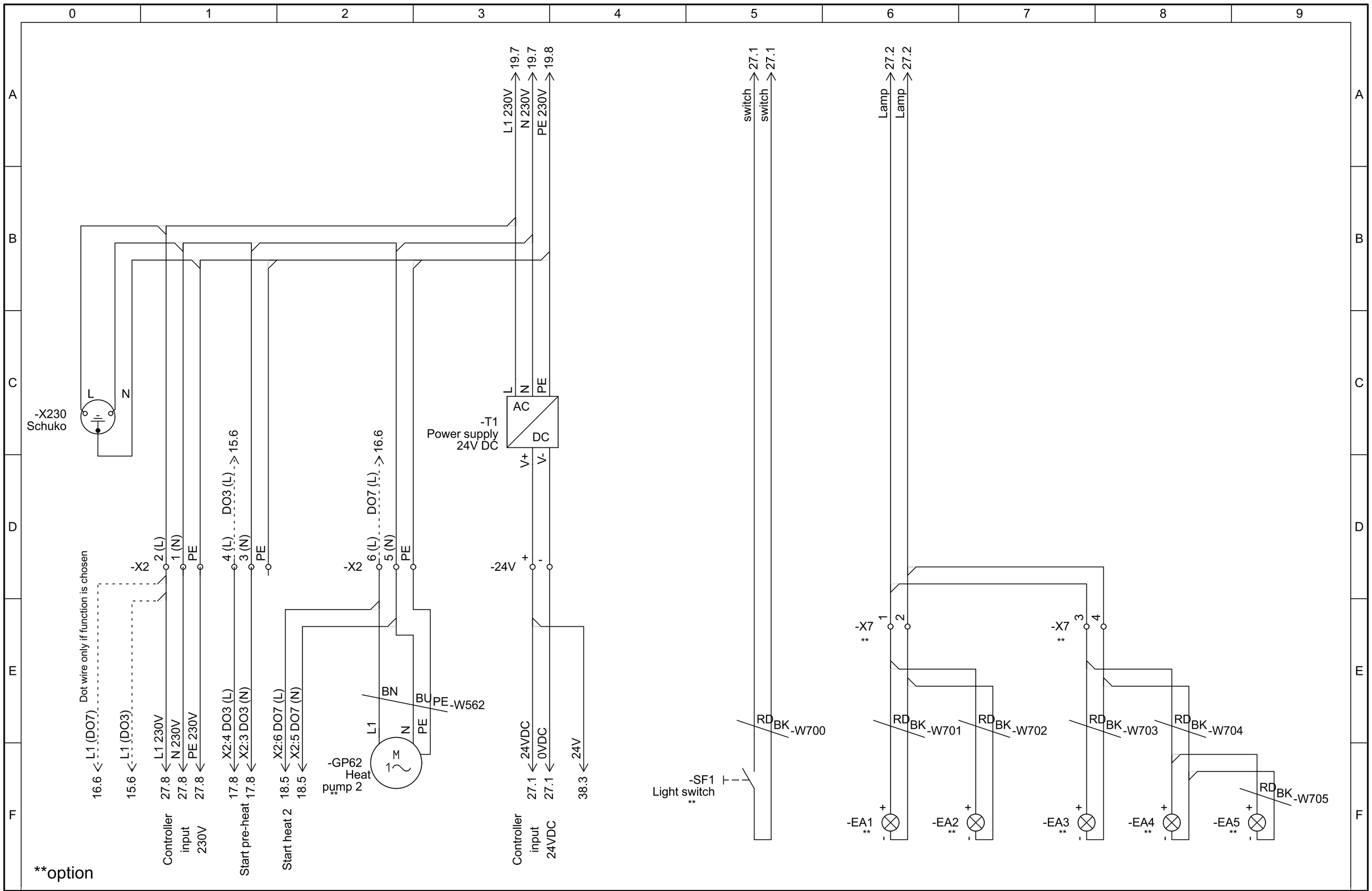

systemair	Geniox Access CU40 Controller	Control power	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 20
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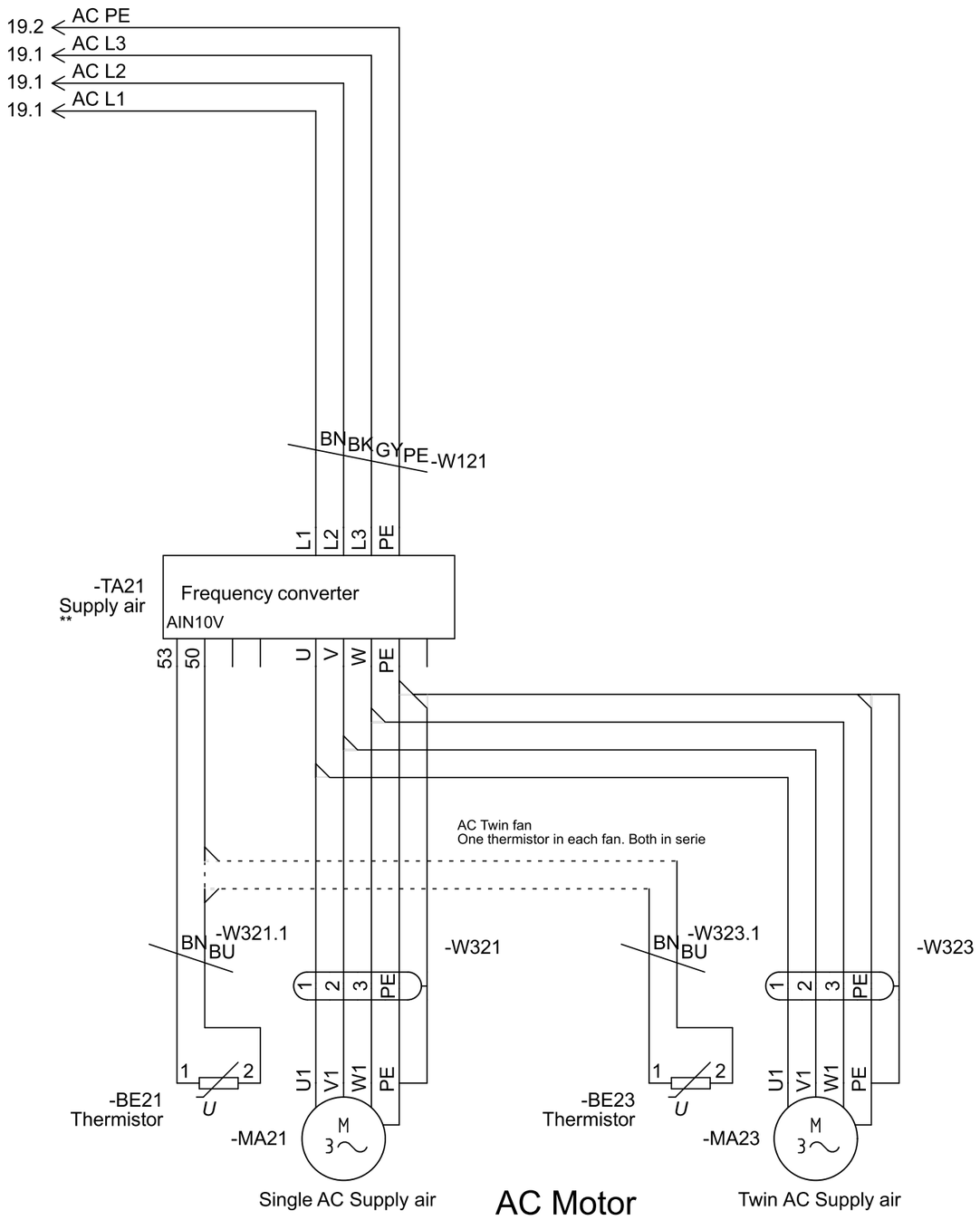
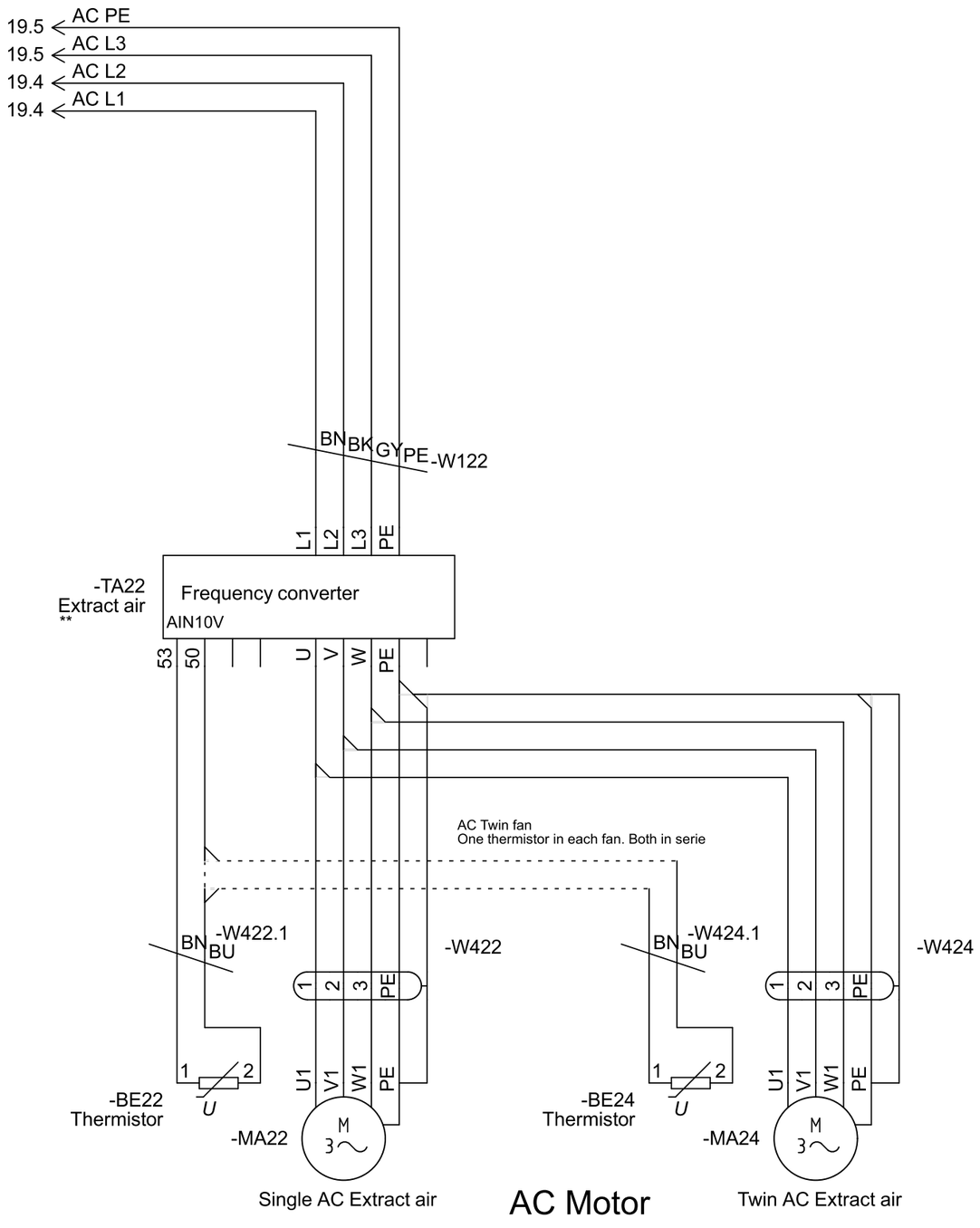


**option

systemair	Geniox Access CU40 Controller	Power for AC Motor - Supply air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 21
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 22



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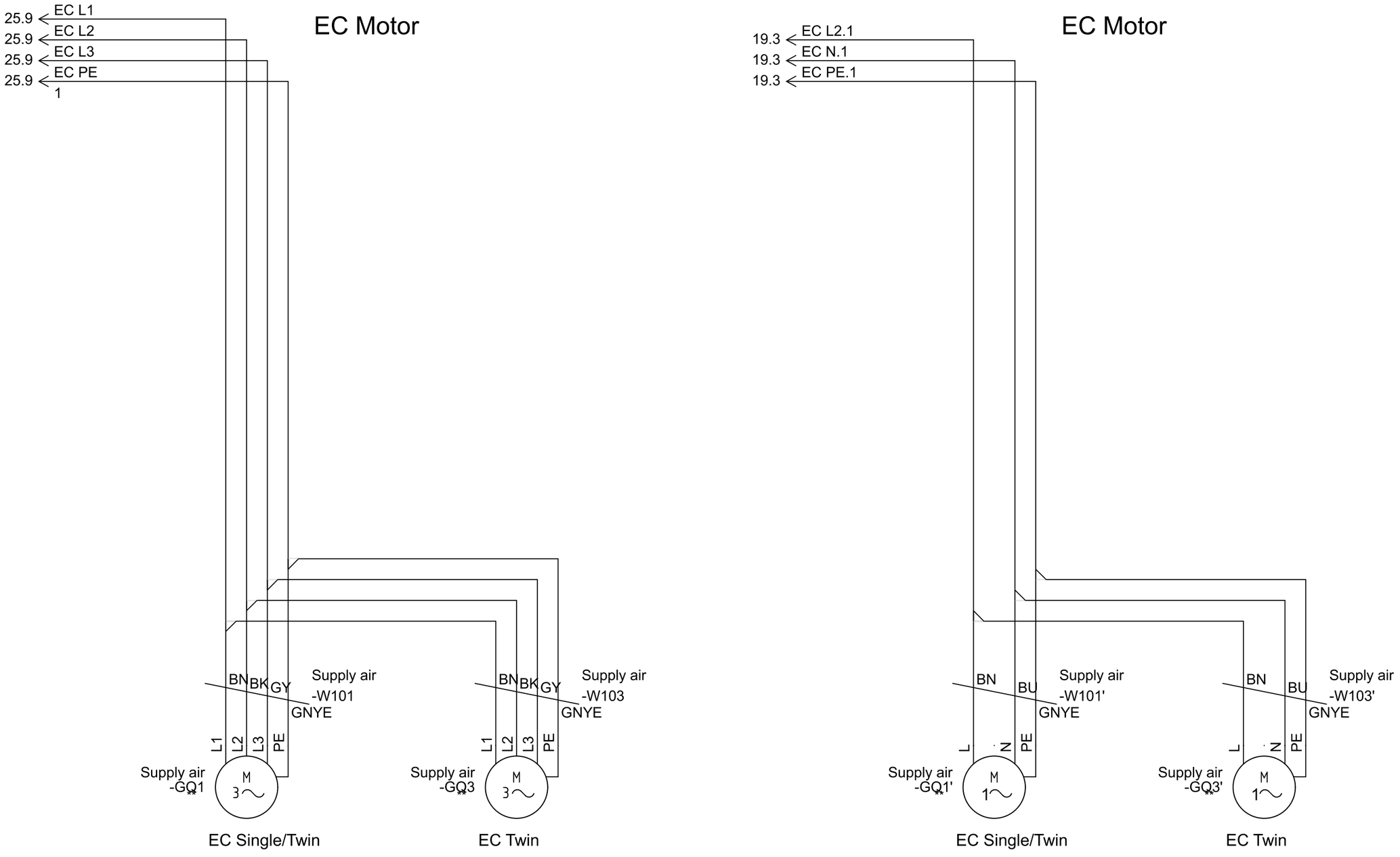
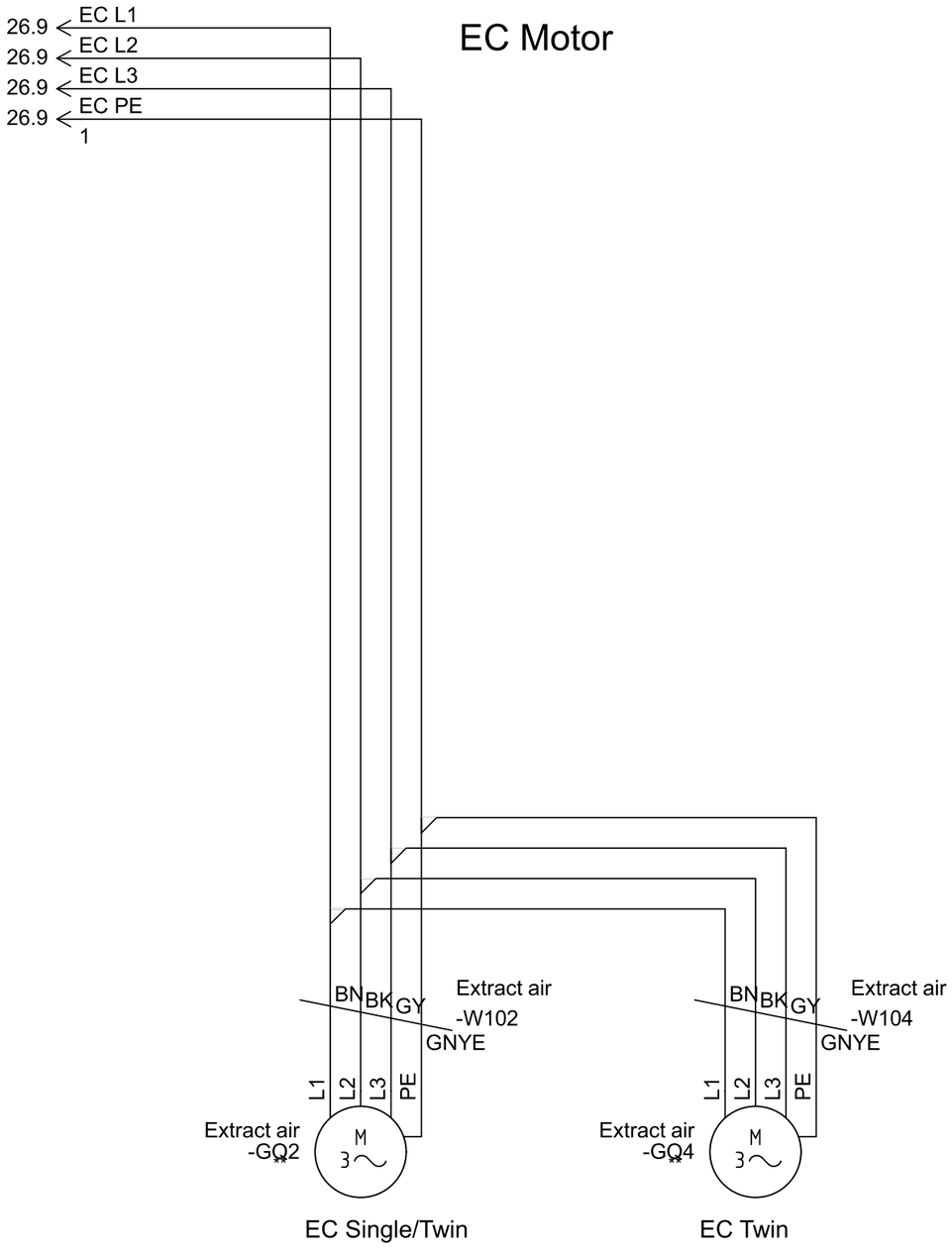
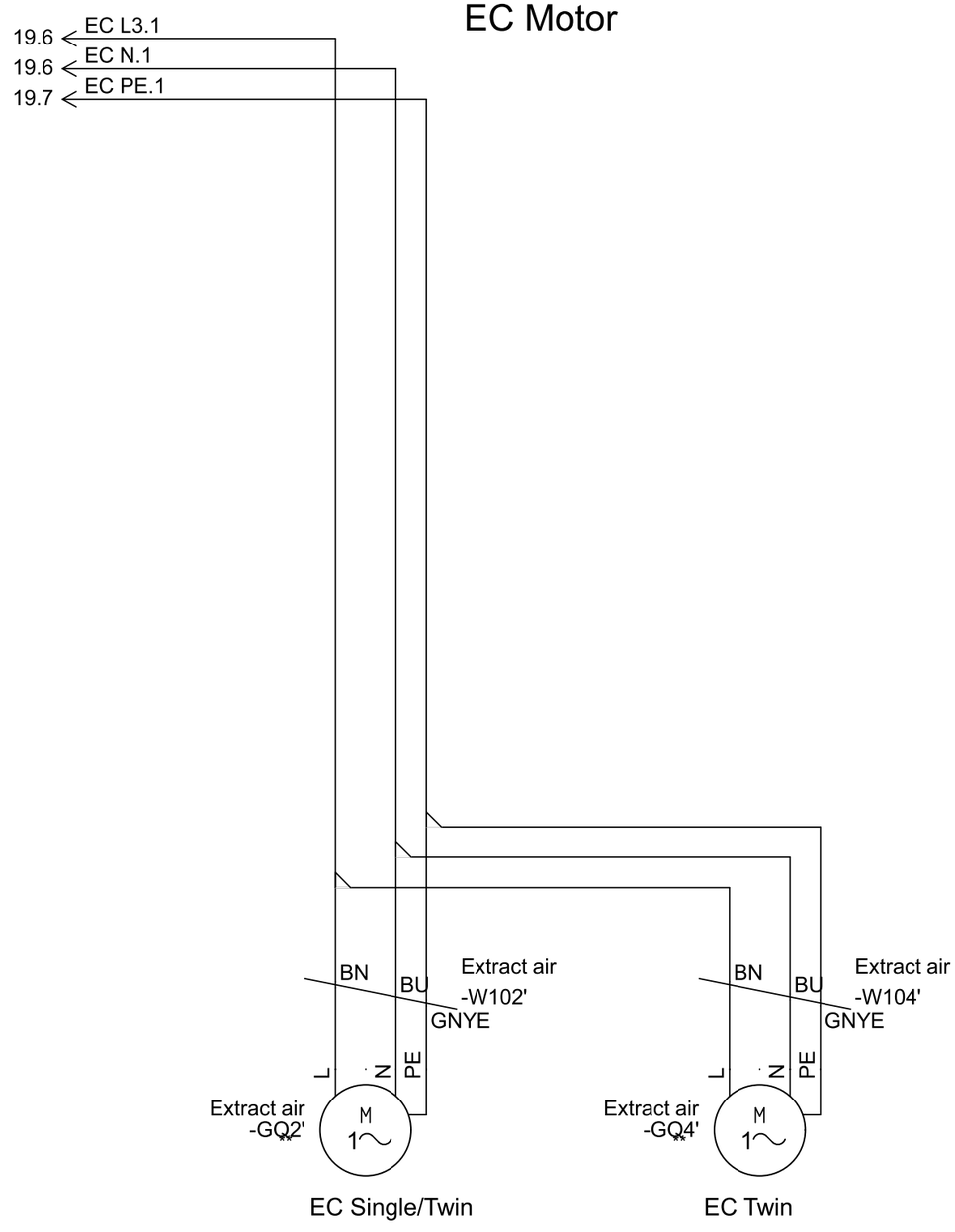
systemair	Geniox Access CU40 Controller	Power for AC Motor - Extract air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 22
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 23



systemair	Geniox Access CU40 Controller	Power for EC Single- / twin fan - Supply air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 23
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 24





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systemair	Geniox Access CU40 Controller	Power for EC Single- / twin fan - Extract air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 24
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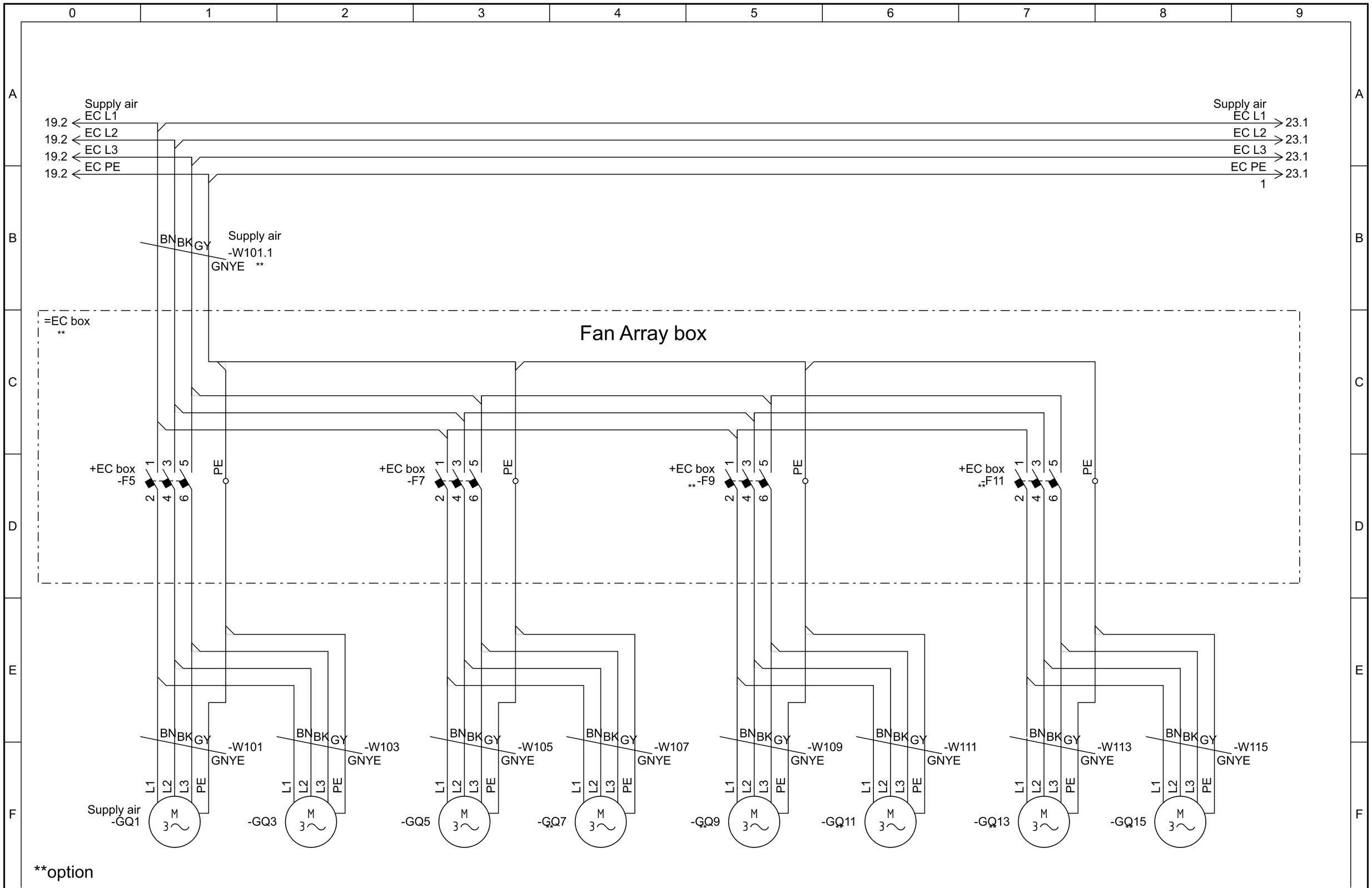
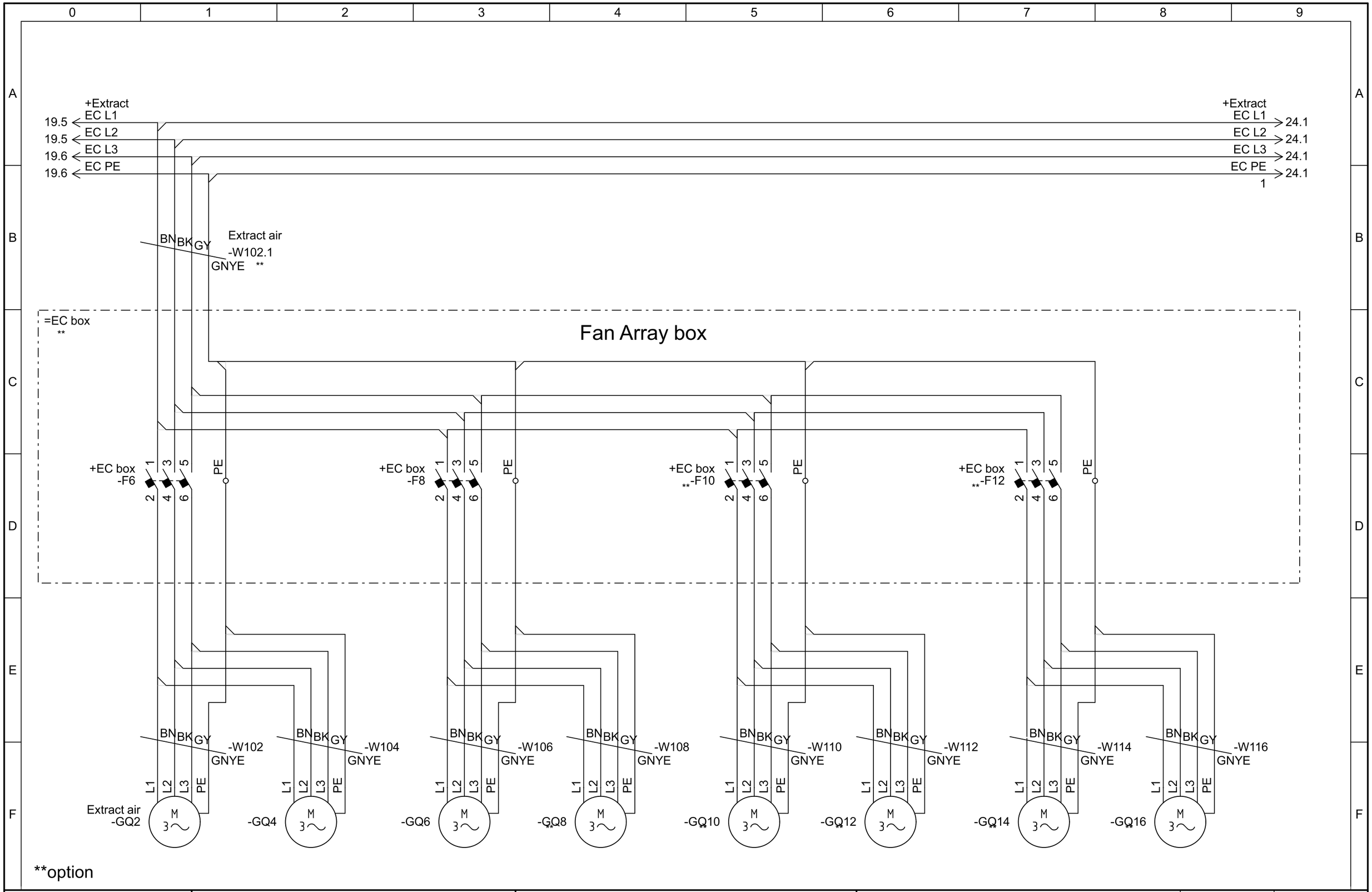


systemair	Geniox Access CU40 Controller	Power for EC fan array Supply air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 25
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 26



systemair	Geniox Access CU40 Controller	Power for EC fan array Extract air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 26
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 27

-KF1

Access CU40 Controller

Systemair A/S

DI1:T32	10.0	DI1	AI:T1	11.3	(0)	UI1:T81	14.4	24V	AO1:T71 17.0 24V Heater 1
Reduced speed			Smoke detector			Supply air			
DI2:T31	10.2	DI2	AI6:T14	13.4	0V	UI2:T82	14.6	24V	AO2:T72 17.4 24V Cooling / DX Circuit 1 Change over / HP
Normal speed ext.			Pressure supply			Frost			
DI3:T30	10.3	DI3	AI5:T15	13.6	0V	UI3:T83	14.7	24V	AO3:T73 17.6 24V Pre-heater
Ext. Stop / High speed			Pressure extract			Room 1			
DI4:T29	10.5	DI4	AI4:T16	13.8	0V	UI4:T84	14.8	24V	AO4:T74 18.1 24V Exchanger Sec. defrost.
Cooling alarm RCH Alarm			CO2 sensor			Outdoor Intake Temp. Duct			
DI5:T28	10.8	DI5	AI9:T11	38.8	0V	DO1:T61	15.2	DO1 (L)	AO5:T75 18.3 24V Heater 2
Ext. Change over/HP defrost Exchanger indication.			Free			Start heating Pump 230V out			
DI6:T27	38.2	DI6	AI8:T12	13.0	0V	DO2:T62	15.4	DO2	AO6:T76 18.8 24V RCH speed
Frost thermostat			RH extract			Start cooling 1 Heat pump cooling			
DI7:T26	11.1	DI7	AI7:T13	13.2	0V	DO3:T63	15.6	DO3	
Pump / El-coil overheat El-coil overheat 2			RH outdoor			Pre-heat / extr. Contr. Treatment (Pre-cool)			
DI8:T25	11.5	DI8	AI3:T17	14.0	AI3	DO4:T64	15.8	DO4	
Fire Alarm			Pre-heat Frost Temp.			Alarm			
DI9:T24	11.8	DI9	AI2:T18	14.2	AI2	DO5:T65	16.1	DO5	
EL preheat overheat			Room 2			Run indication/fire damper			
DI10:T23	12.1	DI10	AI1:T19	14.3	AI1	DO6:T66	16.4	DO6	
Free			Pre-heat Temp.			Start Heat 1/Heat Pump Change over			
DI11:T22	12.4	DI11				DO7:T67	16.6	DO7	
Ext. Recirculation						Start heat 2			
DI12:T21	12.7	DI12				DO8:T68	16.8	DO8	
Fire damper indication						Run around start/			

24VDC Input

PE	24V	0V
	24VDC	0VDC
	20.3	20.4

Light

24V		0V
switch	switch	Lamp Lamp
20.5	20.5	20.6 20.6

Int-link 1

A+	B-	GND	24V	0V
A+ link1	B- link1		24V link1	0V link1
29.0	29.0		29.0	29.0

Int-link 2

A+	B-	GND	24V	0V
A+ link2	B- link2		24V link2	0V link2
30.0	30.0		30.0	30.0

Ext-link

A+	B-	GND	24V	0V

BMS

A+	B-	GND

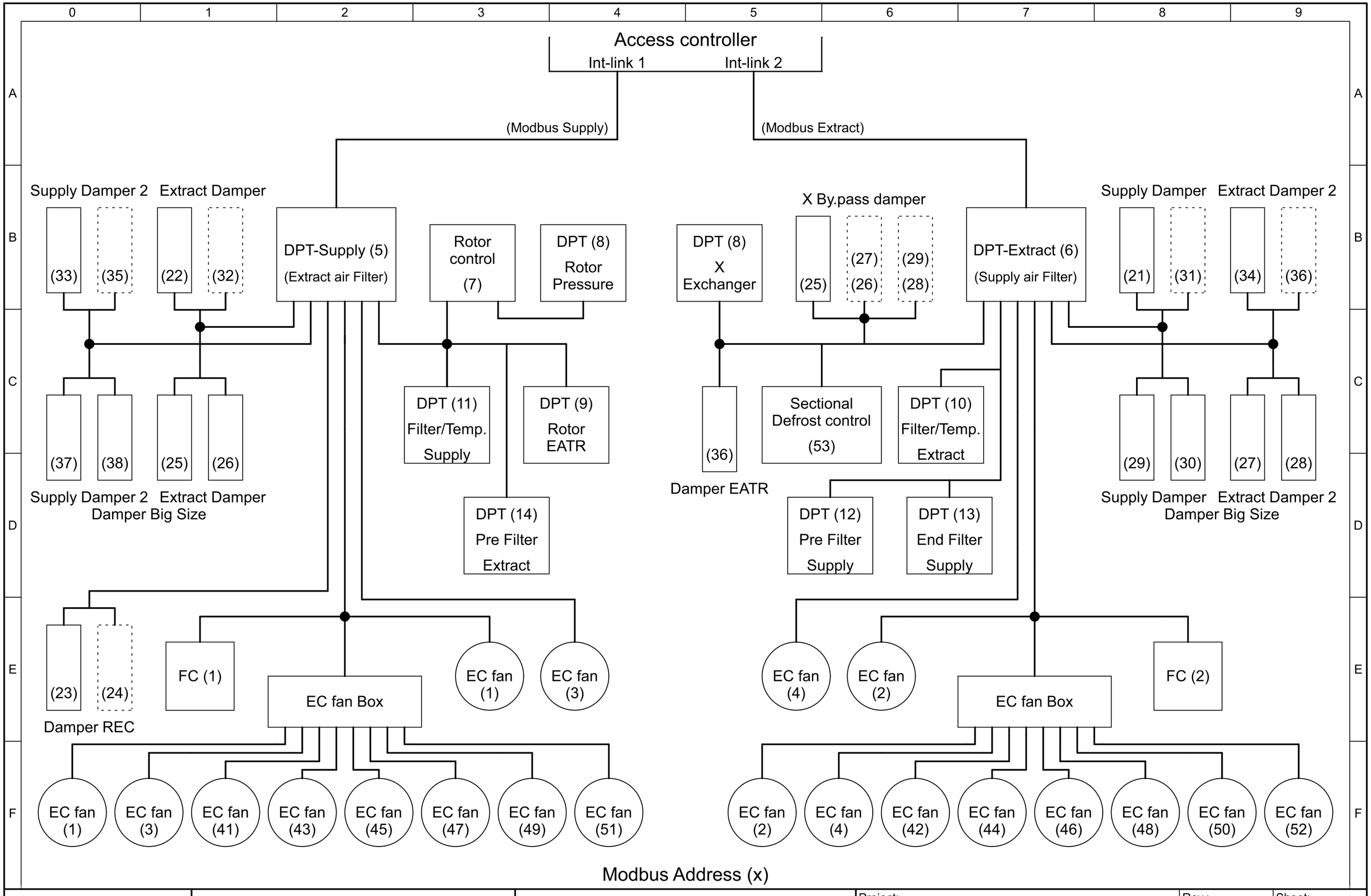
230V/4A Out

PE	N	L
PE 230V	N 230V	L1 230V
37.6	37.6	37.6

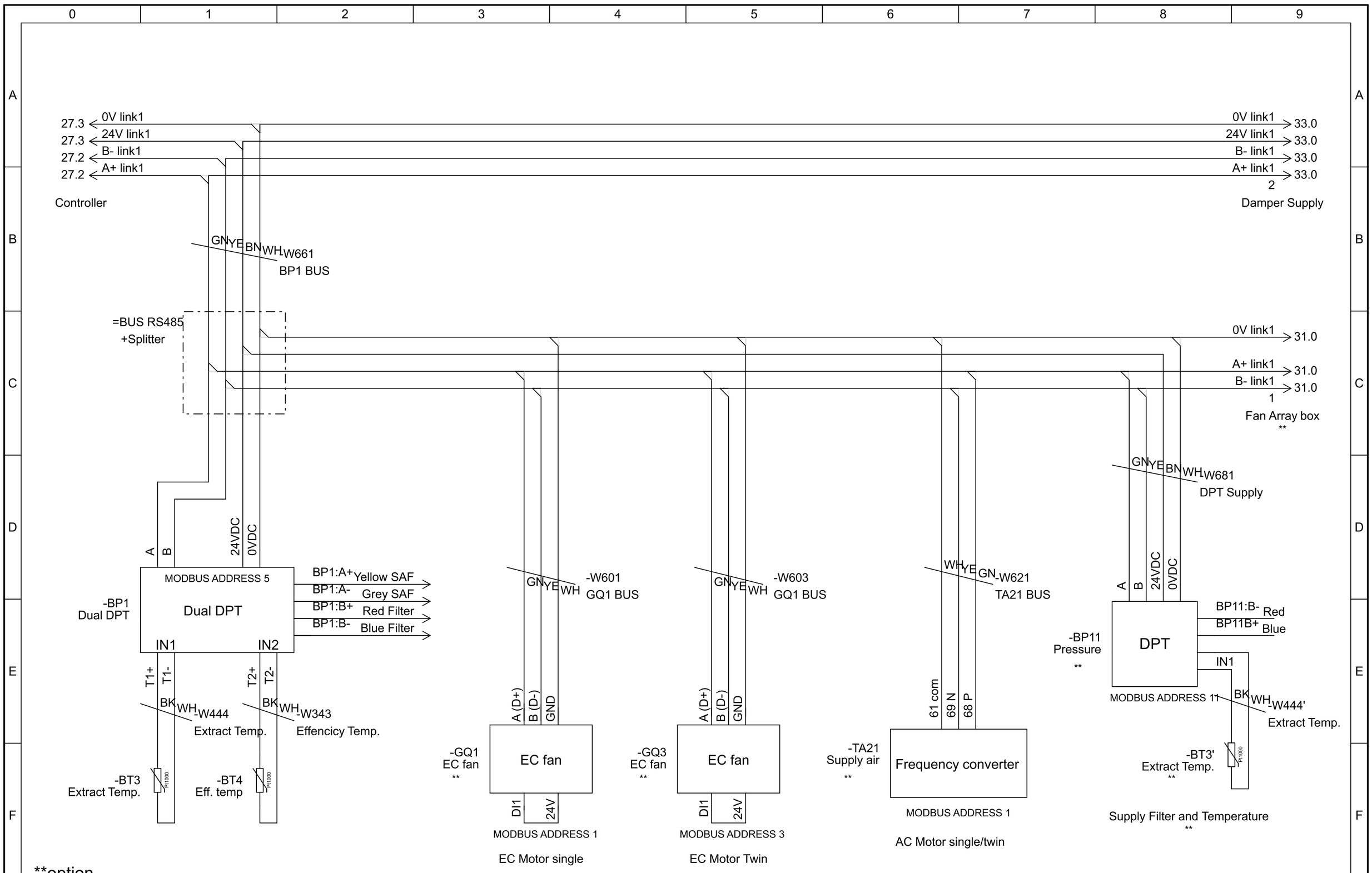
230V Input

PE	N	L
PE 230V	N 230V	L1 230V
20.1	20.1	20.1

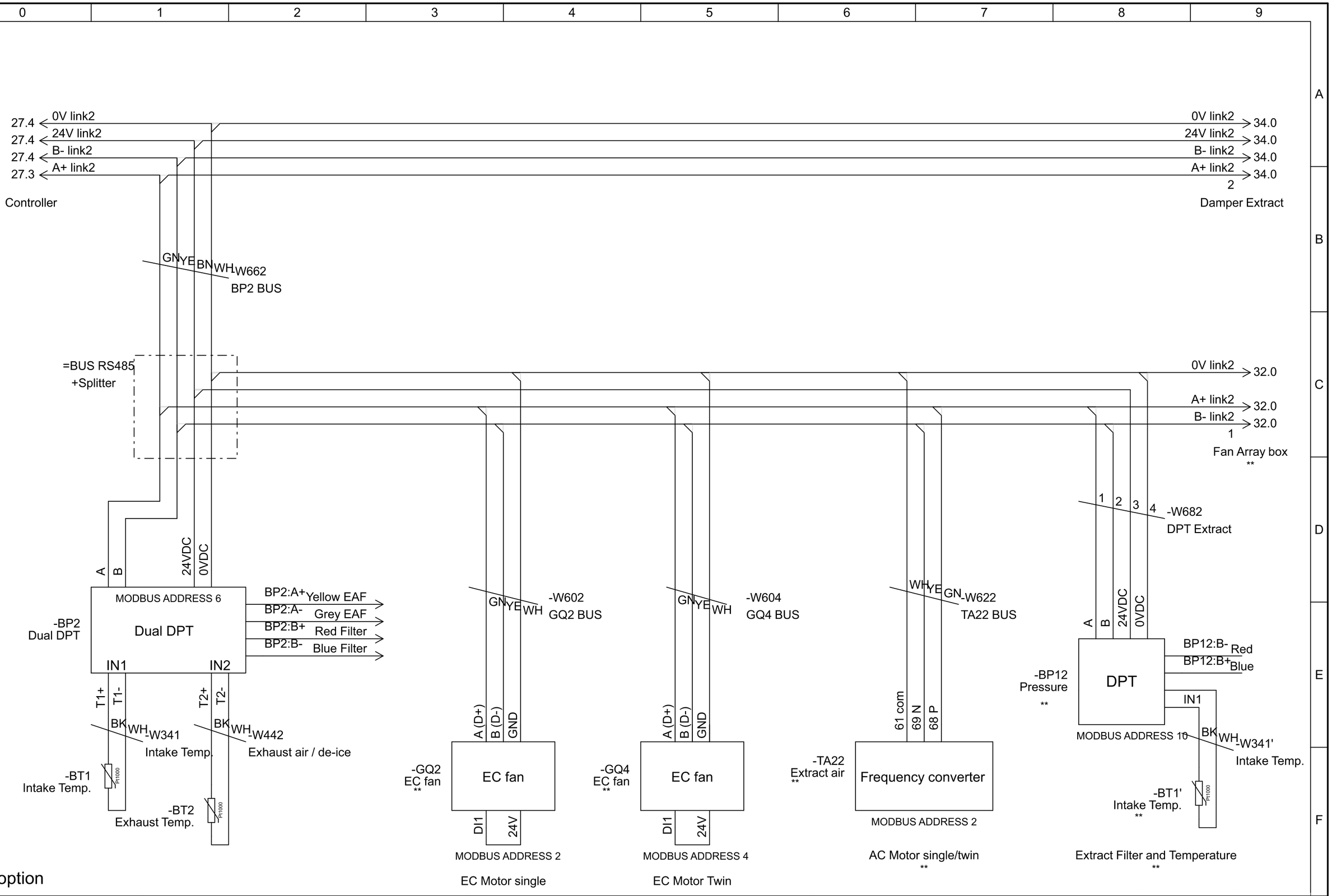
systemair	Geniox Access CU40 Controller	Access CU40 Controller	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08 / Sheet: 27
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32 / Next sheet: 28



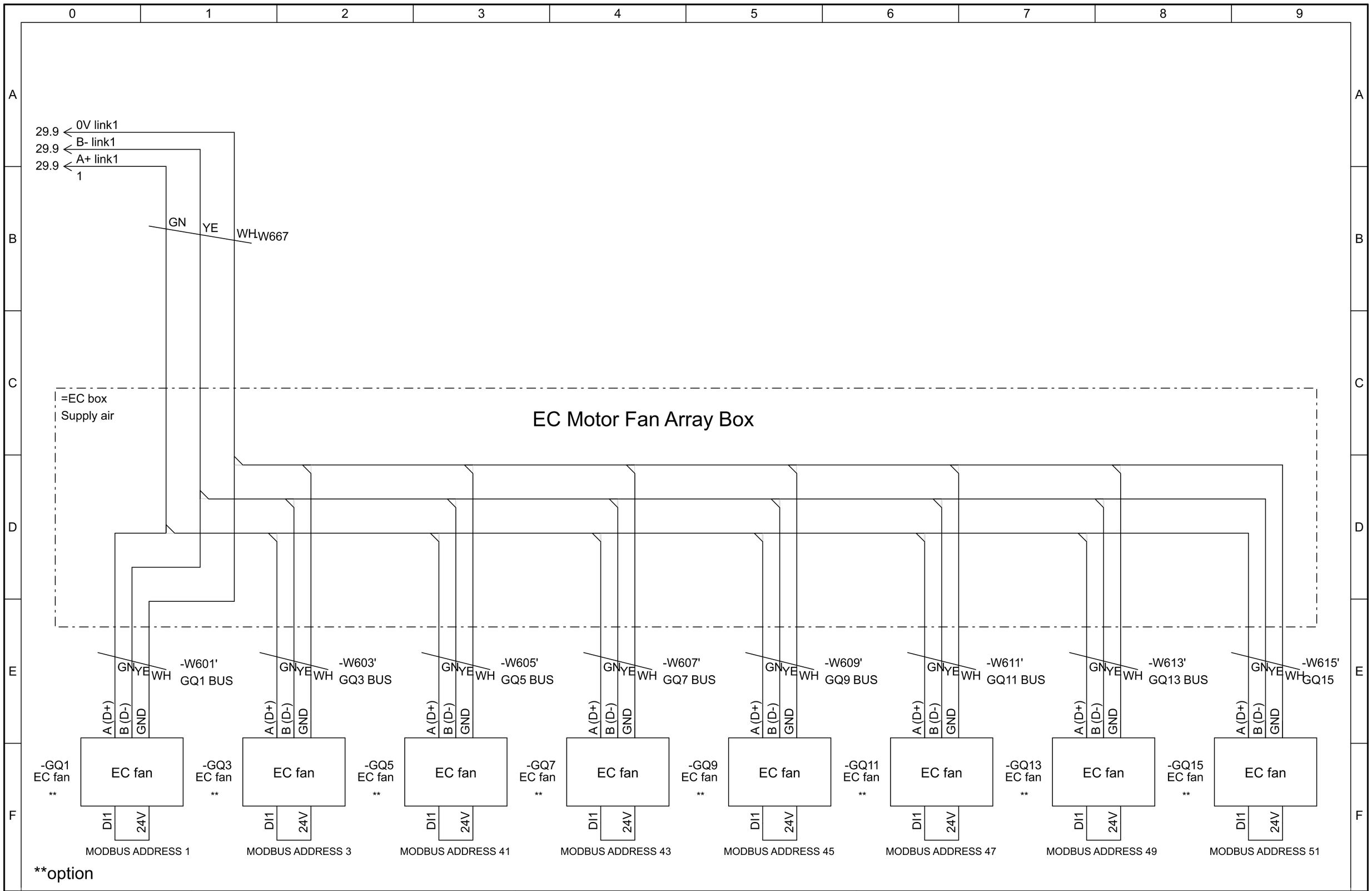
systemair	Geniox Access CU40 Controller	RS485 Modbus guide	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 28
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 29



systemair	Geniox Access CU40 Controller	RS485 AC/EC Supply air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 29
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 30



systemair	Geniox Access CU40 Controller	RS485 AC/EC Extract air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 30
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 31



systemair	Geniox Access CU40 Controller	RS485 EC fan array Supply air	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 31
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 32

30.9 0V link2
30.9 B- link2
30.9 A+ link2
1

GN YE WH W668

=EC box
Extract air

EC Motor Fan Array Box

GN YE WH -W602' GQ2 BUS
A (D+) B (D-) GND
-GQ2 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 2

GN YE WH -W604' GQ4 BUS
A (D+) B (D-) GND
-GQ4 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 4

GN YE WH -W606' GQ6 BUS
A (D+) B (D-) GND
-GQ6 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 42

GN YE WH -W608' GQ8 BUS
A (D+) B (D-) GND
-GQ8 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 44

GN YE WH -W610' GQ10 BUS
A (D+) B (D-) GND
-GQ10 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 46

GN YE WH -W612' GQ12 BUS
A (D+) B (D-) GND
-GQ12 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 48

GN YE WH -W614' GQ14 BUS
A (D+) B (D-) GND
-GQ14 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 50

GN YE WH -W616' GQ16
A (D+) B (D-) GND
-GQ16 EC fan **
EC fan
DI1 24V
MODBUS ADDRESS 52

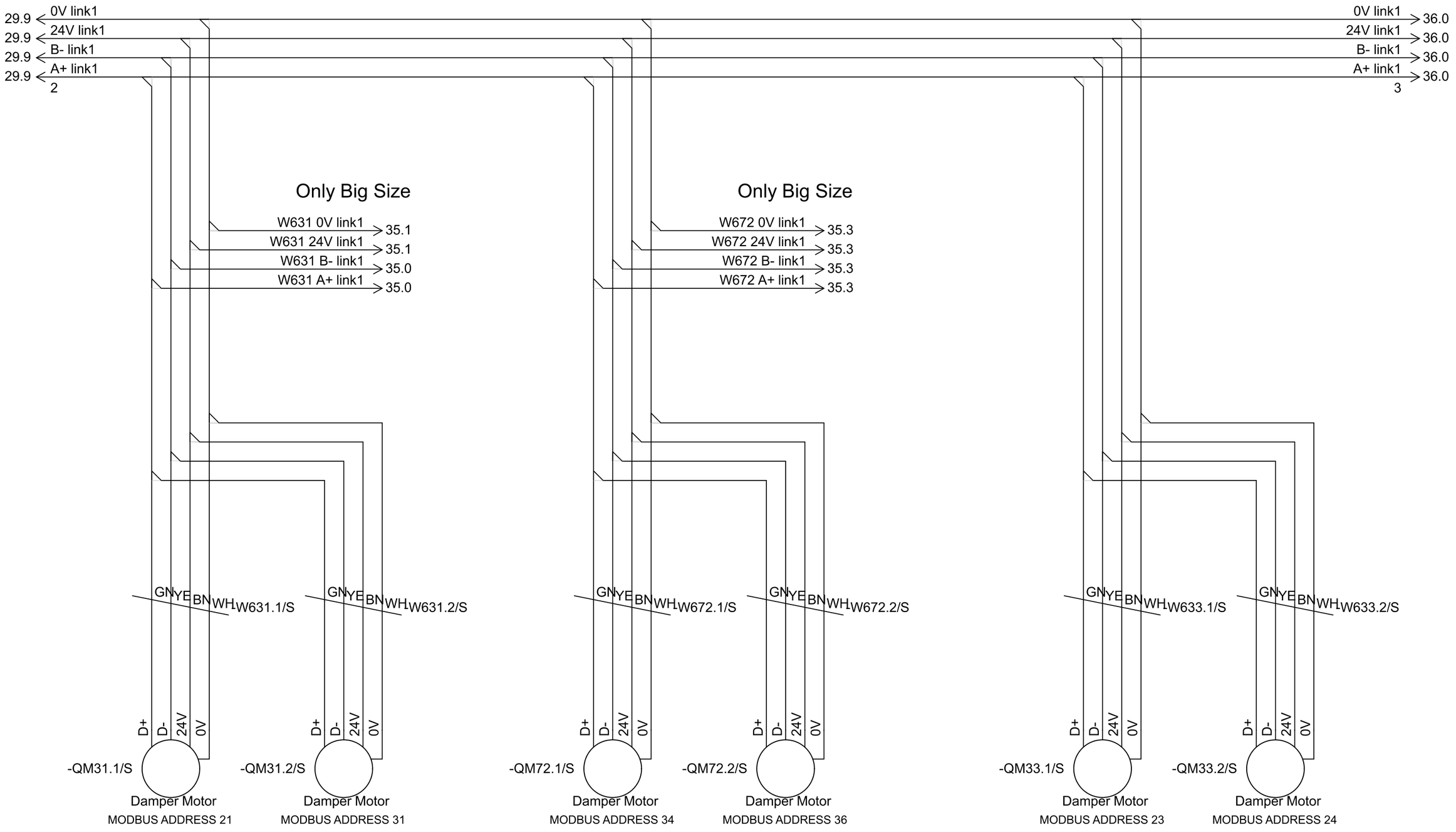
**option

systemair

Geniox
Access CU40 Controller

RS485 EC fan array Extract air

Project: Geniox-DV Control system 11.04.08 GB
Rev.: 11.04.08
Sheet: 32
Date: 17-11-2021
initials: MIKE
Total sheets: 32
Next sheet: 33

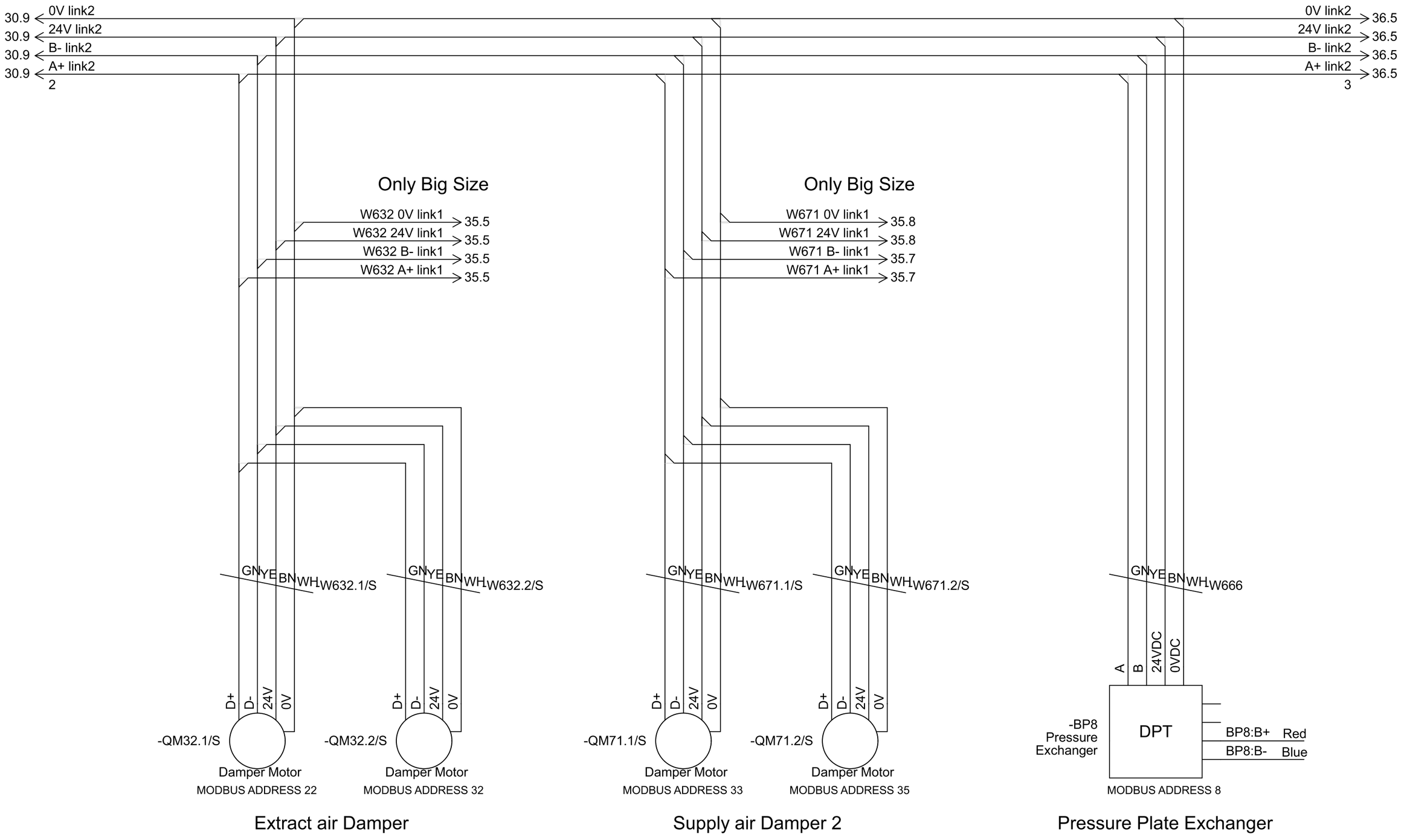


Supply air Damper

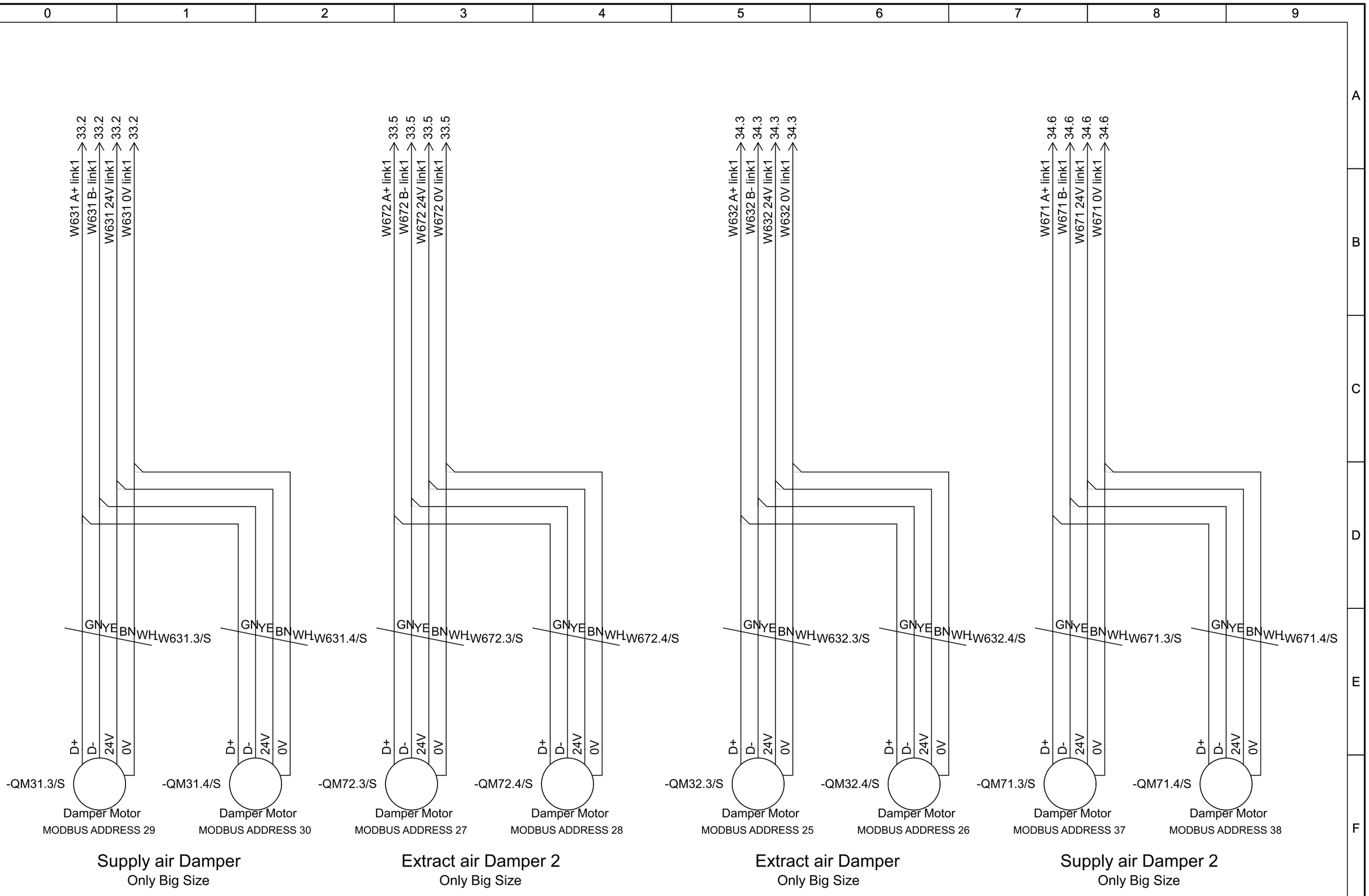
Extract air Damper 2

Recirculation air Damper

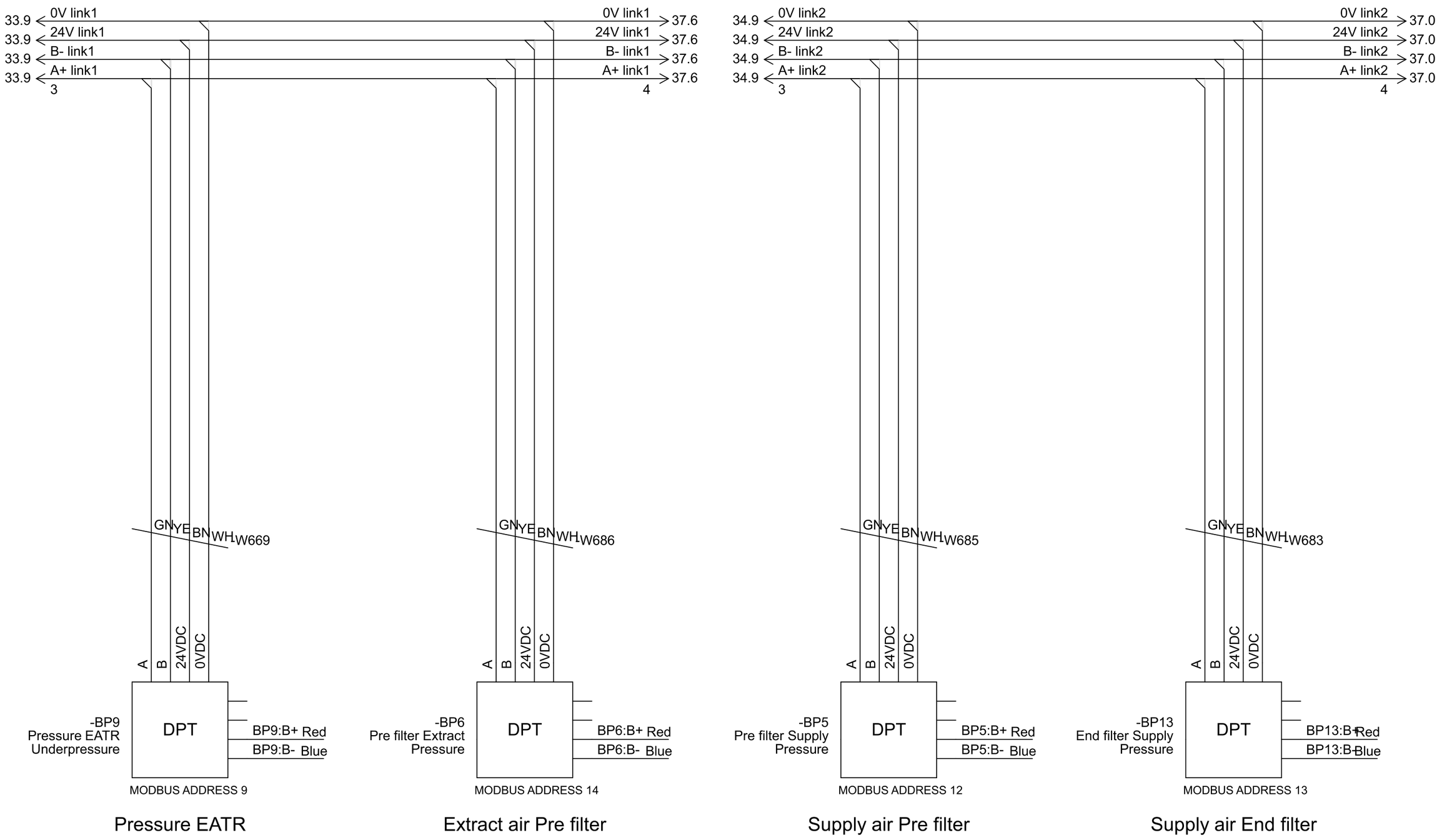
systemair	Geniox Access CU40 Controller	RS485 Damper	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 33
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 34



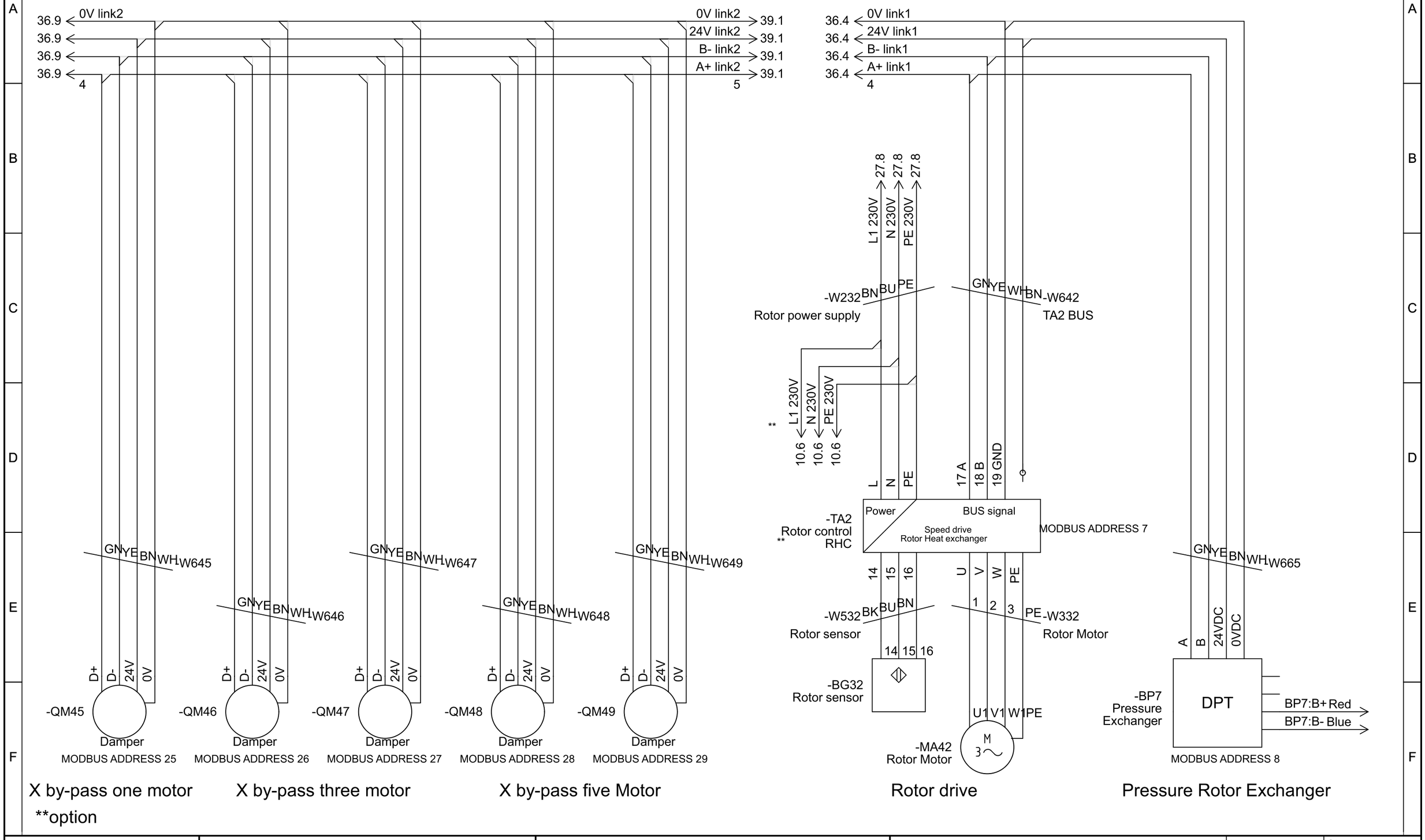
systemair	Geniox Access CU40 Controller	RS485 Damper, DPT	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 34
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 35



systemair	Geniox Access CU40 Controller	RS485 Damper Big Size Only Big Size Dampers	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 35
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 36



systemair	Geniox Access CU40 Controller	RS485 DPT filter guard	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 36
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 37



X by-pass one motor

X by-pass three motor

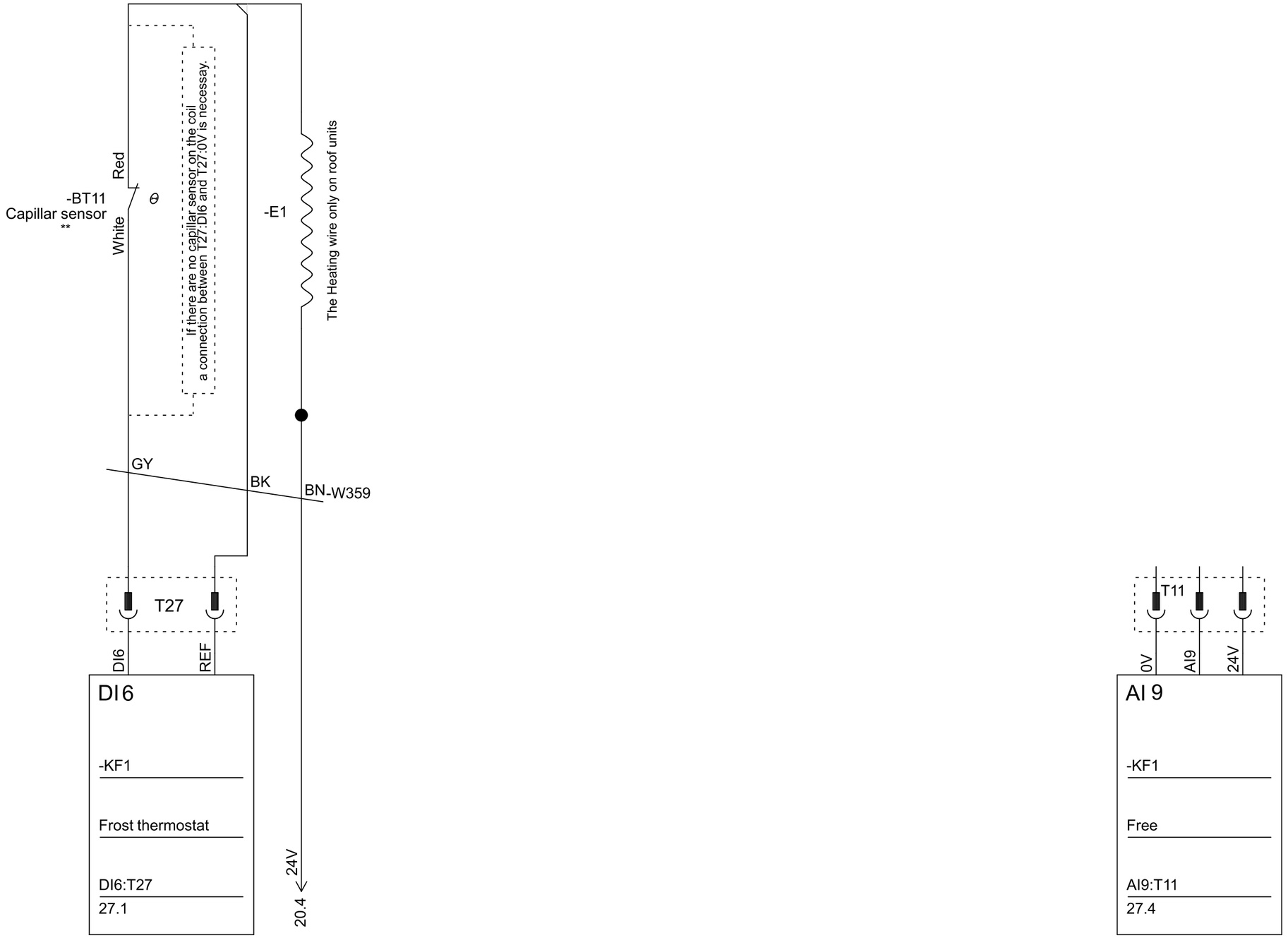
X by-pass five Motor

Rotor drive

Pressure Rotor Exchanger

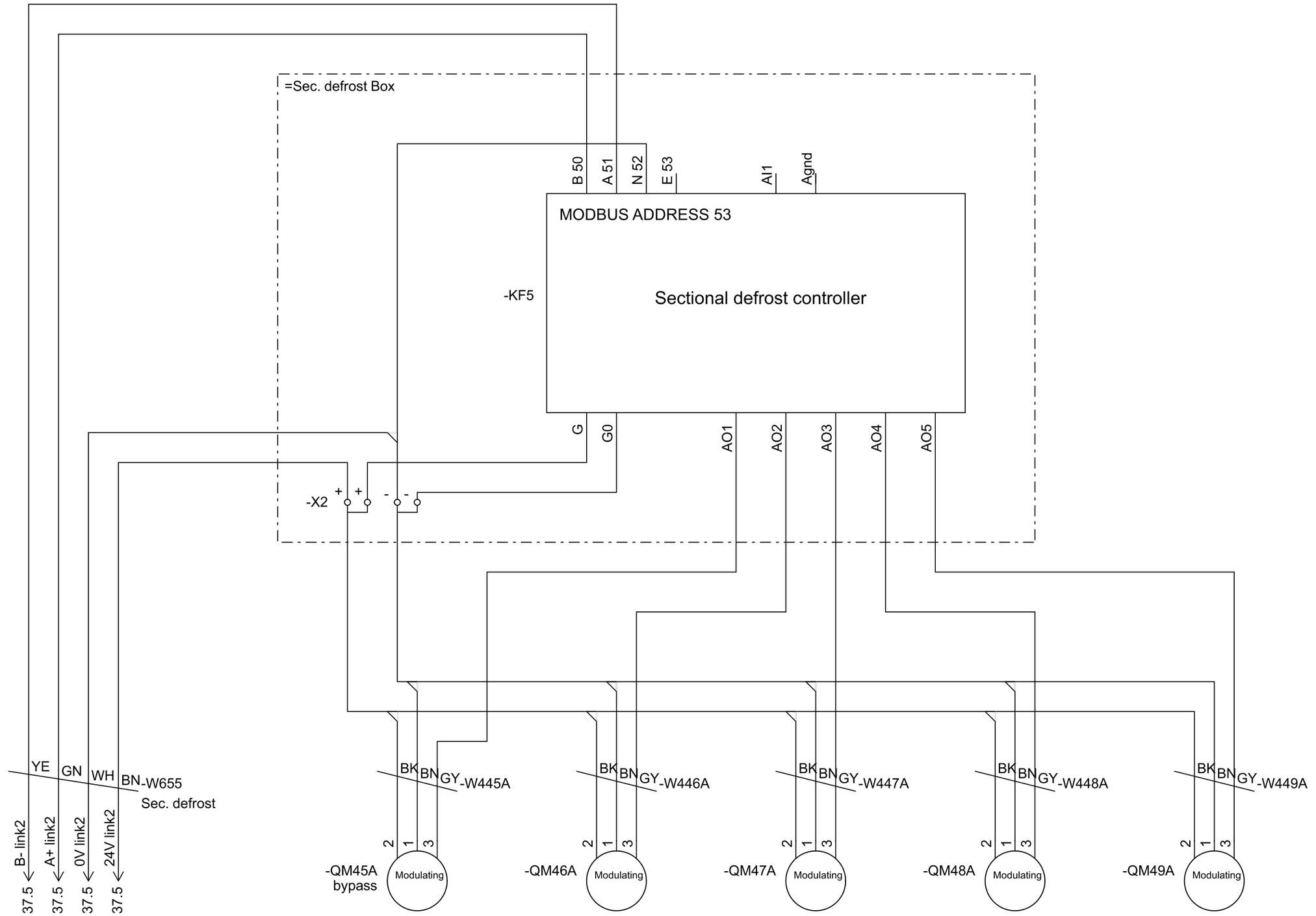
**option

systemair	Geniox Access CU40 Controller	RS485 RHC, Damper Heat exchanger	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 37
			Date: 17-11-2021 initials: MIKE	Total sheets: 32	Next sheet: 38



**option

systemair	Geniox Access CU40 Controller	Internal connections	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 38
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 39



**option

systemair	Geniox Access CU40 Controller	Sectional defrosting	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 39
			Date: 17-11-2021 / initials: MIKE	Total sheets: 32	Next sheet: 42

Address list

Address	Component: Code	Address	Component: Code	Address	Component: Code
1	Supply air fan 1: GQ1 - TA11 - TA21	24	Recirculation damper 2: QM33.2/S	27	Extract damper 4.1 (QM72.3/S)
2	Extract air fan 1: GQ2 - TA12 - TA22	25	Plate exchanger by-pass: QM45	38	Supply damper 4.2 (QM71.4/S)
3	Supply air fan 2: GQ3 - TA13 - TA21	26	Plate exchanger "by-pass" 2: QM46	28	Extract damper 4.2 (QM72.4/S)
4	Extract air fan 2: GQ4 - TA14 - TA22	27	Plate exchanger "by-pass" 3: QM47	41	Supply fan 3: GQ5
5	Dual pressure transmitter supply: BP1	28	Plate exchanger "by-pass" 4: QM48	42	Extract fan 3: GQ6
6	Dual pressure transmitter extract: BP2	29	Plate exchanger "by-pass" 5: QM49	43	Supply fan 4: GQ7
7	RHC (Rotor drive system): TA2	31	Supply damper 1.2 (QM31.2/S)	44	Extract fan 4: GQ8
8	Pressure Exchanger: BP7/BP8	32	Extract damper 1.2 (QM32.2/S)	45	Supply fan 5: GQ9
9	Rotor Pressure difference **EATR**	33	Supply damper 2.1 (QM71.1/S)	46	Extract fan 5: GQ10
10	Pressure/other transmitter BP11	34	Extract damper 2.1 (QM72.1/S)	47	Supply fan 6: GQ11
11	Pressure/other transmitter BP12	35	Supply damper 2.2 (QM71.2/S)	48	Extract fan 6: GQ12
12	Supply air pre filter BP5	36	Extract damper 2.2 (QM72.2/S)	49	Supply fan 7: GQ13
13	Supply air end filter BP13	29	Supply damper 3.1 (QM31.3/S)	50	Extract fan 7: GQ14
14	Extract air pre filter BP6	25	Extract damper 3.1 (QM32.3/S)	51	Supply fan 8: GQ15
21	Supply air damper 1: QM31.1/S	30	Supply damper 3.2 (QM31.4/S)	52	Extract fan 8: GQ16
22	Extract air damper 1: QM32.1/S	26	Extract damper 3.2 (QM32.4/S)	53	Sectional Defrost control: KF5
23	Recirculation damper 1: QM33.1/S	37	Supply damper 4.1 (QM71.3/S)		

Systemair settings of ECblue Modbus

COM Baudrate: 9600Bd

COM Mode: 8N1

BUS Address: Supply air, 1 and (3, Twin fans)

Extract air, 2 and (4, Twin fans)

D1: 19D
D1 is set to disable internal safety functions that protects the motor (fire mode)
Normal speed control of the fan is possible in this mode.
Function is active if D1 is open = no signal.

Set-up Danfoss FC101 for Geniox-units with AC motors

Connections:

Modbus	Terminal 61(N) - 68(B) - 69(A)
Thermistor:	Terminal 50-53
Wire jumper:	Terminal 12-19 (no fire)

Systemair factory set-up is based on Danfoss initialisation.

14-22: Operation mode:	[2] Initialisation (Danfoss Initialisation)

Systemair factory set-up:

0-01: Language selection:	
1-03: Torque characteristic:	Single fan: [3] Auto-Energy optim. With twin fan set-up: [1] Variable Torque
1-20: Motor Power:	According to Motor plate / order papers With twin fan set-up total Power must be used
1-24: Motor Current:	According to Motor plate / order papers With twin fan set-up total current must be used
1-25: Motor Nominal Speed:	According to Motor plate / order papers
1-42: Motor Cable Length:	3m
1-50: Motor Magnetisation at zero speed.:	0 %
1-52: Min. Speed Normal Magnetisation:	10 Hz
1-73: Flying Start:	[1] Enabled
1-90: Motor Thermal Protection:	[2] Thermistor trip
1-93: Thermistor Source:	[1] Analog input AI53
3-03: Maximum Reference:	Max. Hz from order papers
3-15: Reference Resource 1:	[11] Local BUS reference
3-16 + 3-17: Reference 2- and 3 Source:	[0] No function
3-41: Ramp 1 up and down:	60 Sec.
3-42: Ramp 1 Down time:	30 Sec.
4-14: Motor Speed High Limit:	90Hz
4-19: Max. Output Frequency:	90Hz
5-10: Terminal 18 Digital input	[0] No operation
5-11: Terminal 19 Digital input	[37] Fire mode
5-12: Terminal 27 Digital input:	[0] No operation
5-40.0: Function Relay:	[3] Drive ready/remote
5-40.1: Function Relay:	[3] Drive ready/remote
6-25: Terminal 54 High Reference:	Max. Hz from order papers
8-01: Control Site	[0] Digital and ctrl.word
8-02: Control Source	[1] FC Port
8-03: Control Timeout Time	20 sec.
8-04: Control Timeout Function	[2] Stop
8-30: Protocol	[2] Modbus RTU
8-31: Address:	1-Supply #1. 3-Supply #2. 2-Extract #1. 4-Extract #2.
8-32: FC Port Baud Rate	[2] 9600 Baud
8-33: FC Port Parity	[2] No Parity, 1 stop Bit
14-20: Reset Mode:	[2] Automatic reset X 2
24-00: Fire mode function	[1] Enabled run forward
24-05: Fire mode Preset Reference	50%
24-09: Fire mode Alarm Handling	[1] Trip, Critical Alarms
0-50: LCP Copy:	[1] All to LCP (Copy of settings to panel)

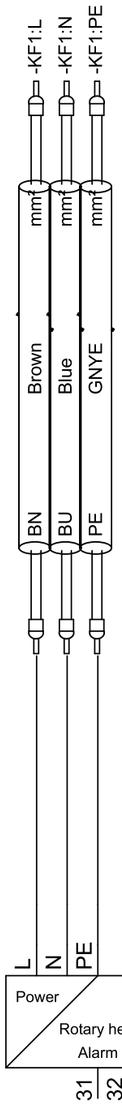
To store Systemair factory settings from the control panel:

0-50: LCP Copy:	[2] All from LCP

Cable Plan

	Sheet	Path
-KF1:L	37	6
-KF1:N	37	6
-KF1:PE	37	6
-BP51:2	17	2
-BP51:1	17	2
-BP53:2	17	8
-BP53:1	17	8

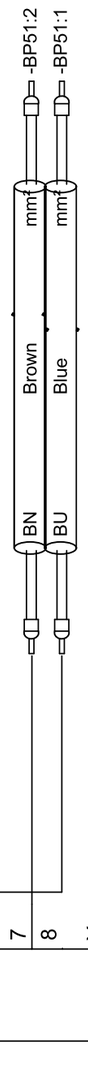
Remark: Rotor power supply
Cable-type:



-W232

-TA3

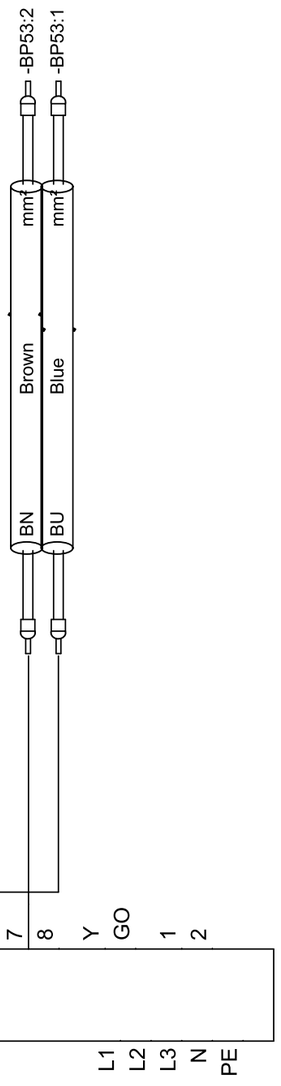
Remark: Pressure guard
Cable-type:



-W251

-EB51

Remark: Pressure guard
Cable-type:



-W253

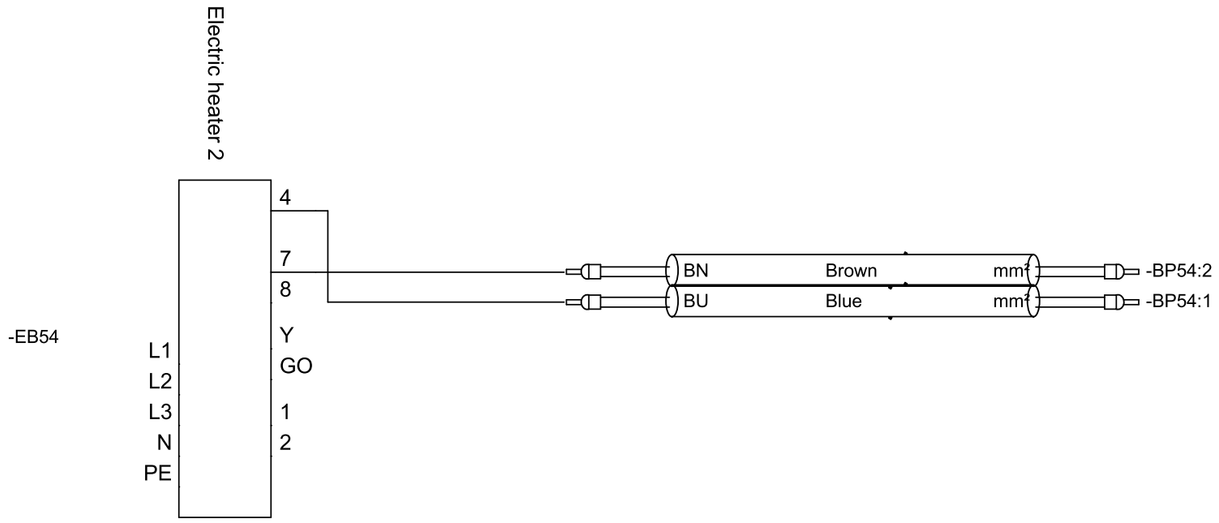
-EB53

systemair	Geniox Access CU40 Controller	-W232, -W251, -W253	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 100
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 101

Cable Plan

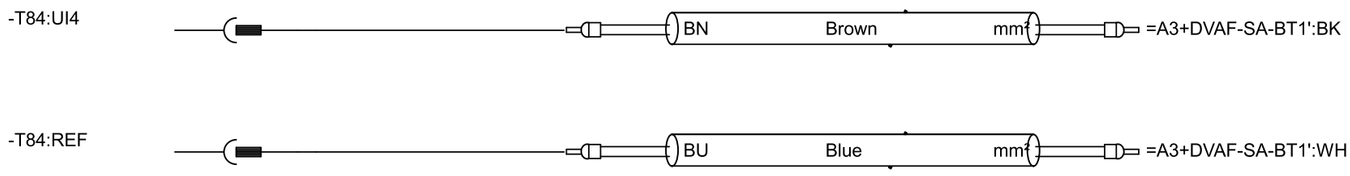
-W254

Remark: Pressure guard
Cable-type:



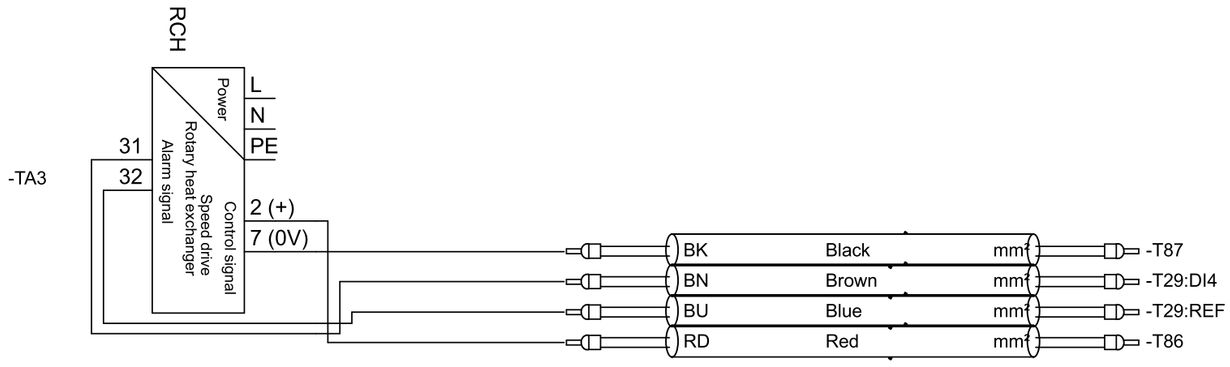
-W341'

Remark: Intake Temp.
Cable-type:



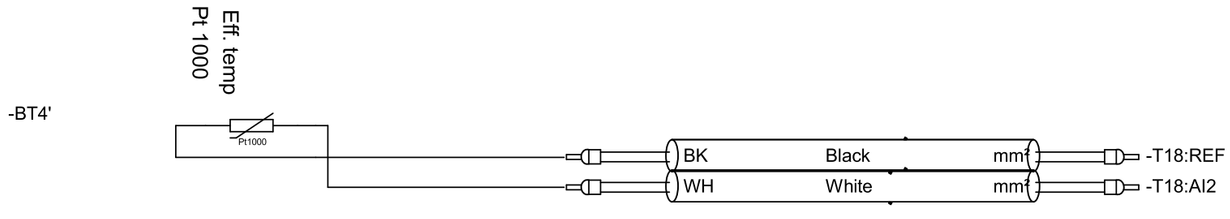
-W342

Remark: RCH
Cable-type:



-W343'

Remark: Effencicy temp.
Cable-type:



Sheet	Path
18	5
18	5
14	8
14	8
10	7
10	6
10	7
10	7
14	2
14	2

systemair

Geniox
Access CU40 Controller

-W254, -W341', -W342, -W343'

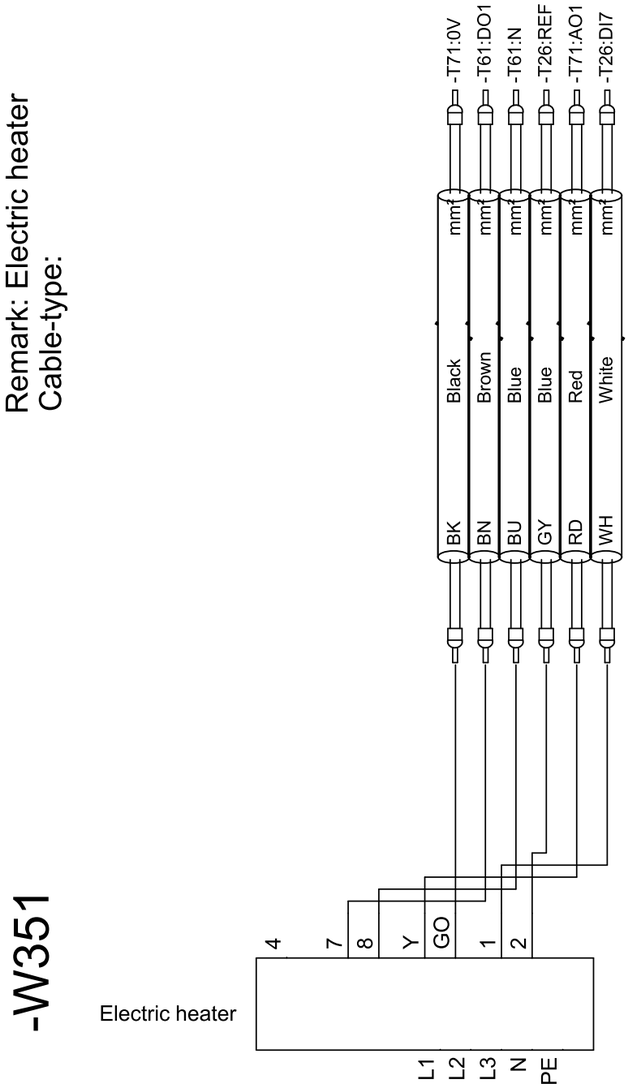
Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08
Date: 17-11-2021	Total sheets: 41
initials: MIKE	Next sheet: 102
	Sheet: 101

Cable Plan

Path	Sheet
2	17
2	17
2	17
3	17
2	17
3	17
8	17
8	17
8	17
9	17
8	17
9	17

Remark: Electric heater
Cable-type:

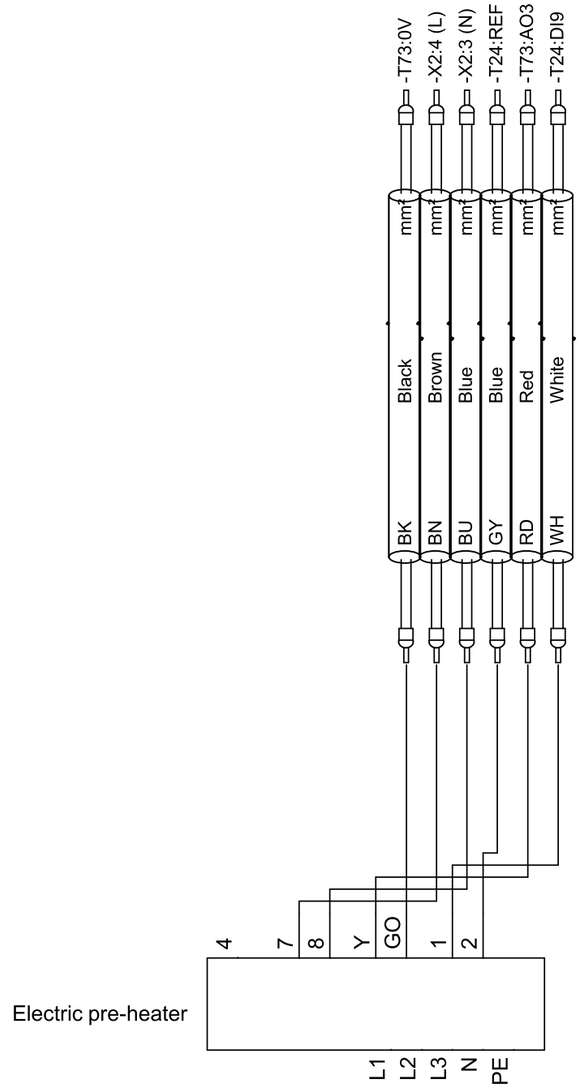
-W351



-EB51

Remark: Electric pre-heater
Cable-type:

-W353



-EB53

systemair	Geniox Access CU40 Controller	-W351, -W353	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 102
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 103

Cable Plan

	Path	Sheet
-T75:0V	6	18
-X2:6 (L)	5	18
-X2:5 (N)	5	18
-T26:REF	6	18
-T75:AO5	6	18
-T26:DI7	6	18

Remark: Electric heater 2
Cable-type:

BK	Black	mm²
BN	Brown	mm²
BU	Blue	mm²
GY	Blue	mm²
RD	Red	mm²
WH	White	mm²

-W354

Electric heater 2

4 7 8 Y GO 1 2

L1 L2 L3 N PE

-EB54

	Path	Sheet
-T81:UI1	5	14
-T81:REF	5	14

Remark: Temperatur sensor supply air
Cable-type:

BN	Brown	mm²
BU	Blue	mm²

-W355

Supply air
Duct sensor

Pt1000

-BT5

	Path	Sheet
-T82:REF	6	14
-T82:UI2	6	14

Remark: Frost protection heating coil
Cable-type:

BK	Black	mm²
WH	White	mm²

-W357

Frost protection
Pt 1000

Pt1000

-BT10

	Path	Sheet
-BT11:Red	2	38
-E1:2	3	38
-BT11:White	2	38

Remark:
Cable-type:

BK	Black	mm²
BN	Brown	mm²
GY	Gray	mm²

-W359

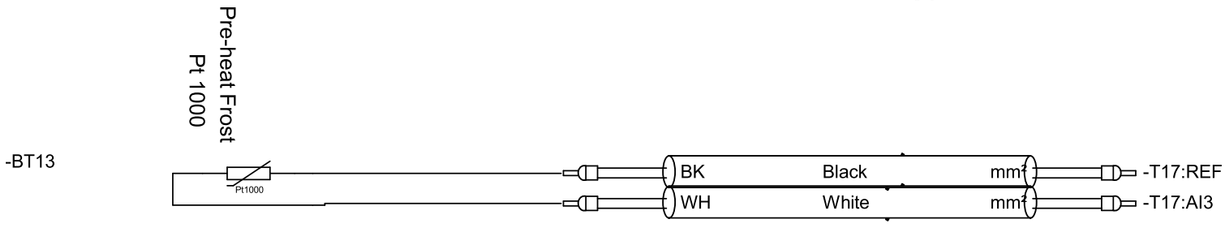
-T27:REF
=A1-24V:+
-T27:DI6

systemair	Geniox Access CU40 Controller	-W354, -W355, -W357, -W359	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08 / Sheet: 103
			Date: 17-11-2021 / initials: MIKE	Total sheets: 41 / Next sheet: 104

Cable Plan

-W367

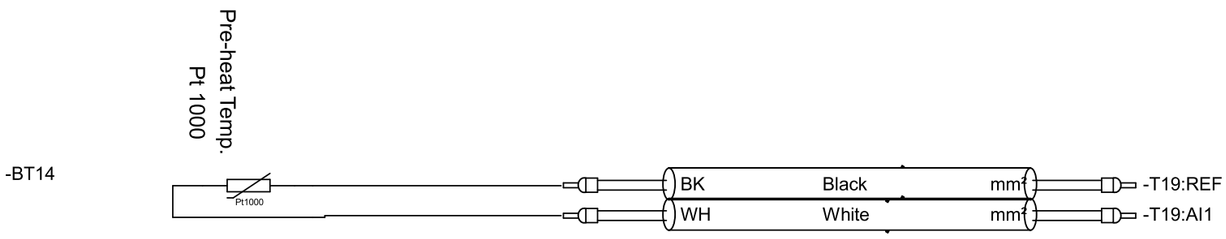
Remark: Pre-heat Temp.
Cable-type:



Sheet	Path
14	1
14	0

-W369

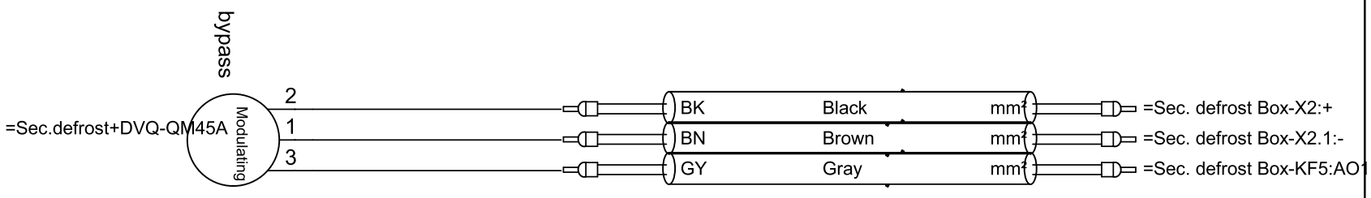
Remark: Pre-heat Temp.
Cable-type:



Sheet	Path
14	3
14	3

-W445A

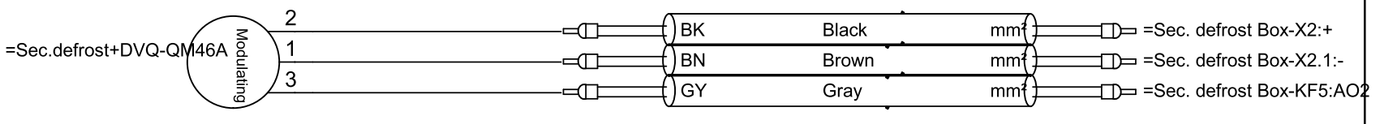
Remark:
Cable-type:



Sheet	Path
39	3
39	3
39	3

-W446A

Remark:
Cable-type:



Sheet	Path
39	4
39	4
39	5

systemair

Geniox
Access CU40 Controller

-W367, -W369, -W445A, -W446A

Project: Geniox-DV Control system 11.04.08 GB

Date: 17-11-2021

initials: MIKE

Rev.: 11.04.08

Total sheets: 41

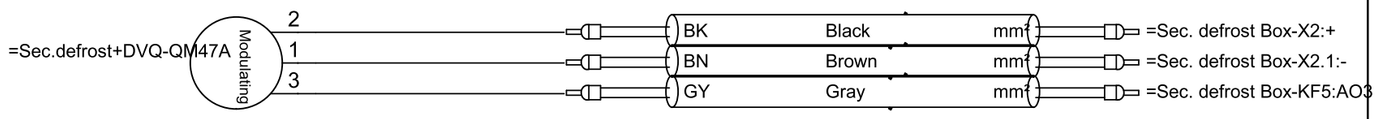
Sheet: 104

Next sheet: 105

Cable Plan

-W447A

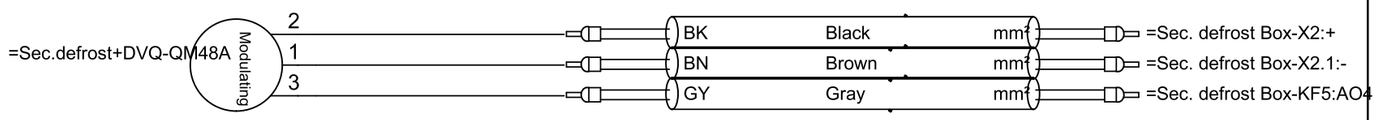
Remark:
Cable-type:



Sheet	Path
39	6
39	6
39	6

-W448A

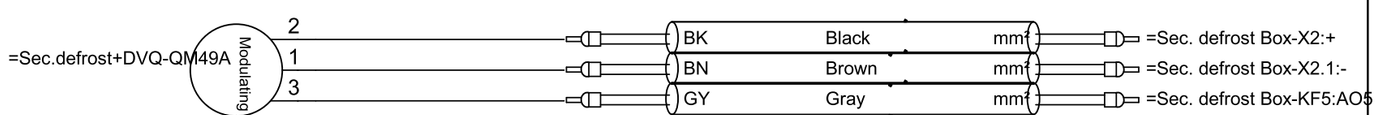
Remark:
Cable-type:



Sheet	Path
39	7
39	7
39	7

-W449A

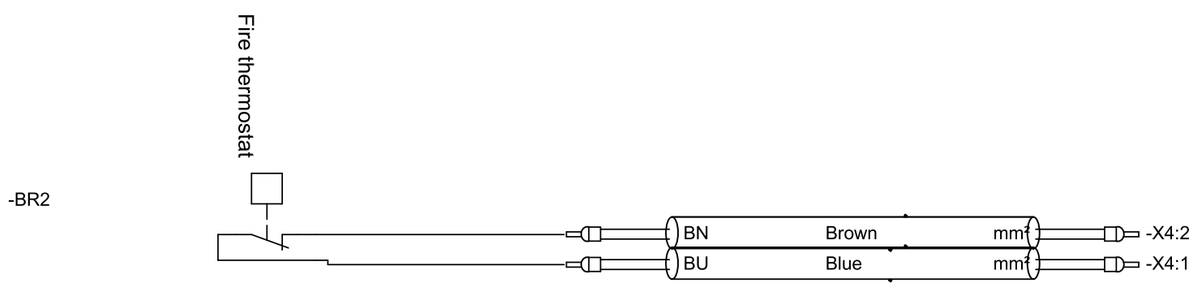
Remark:
Cable-type:



Sheet	Path
39	8
39	8
39	8

-W456

Remark: Fire termostat extract air
Cable-type:



Sheet	Path
11	6
11	6

systemair

Geniox
Access CU40 Controller

-W447A, -W448A, -W449A, -W456

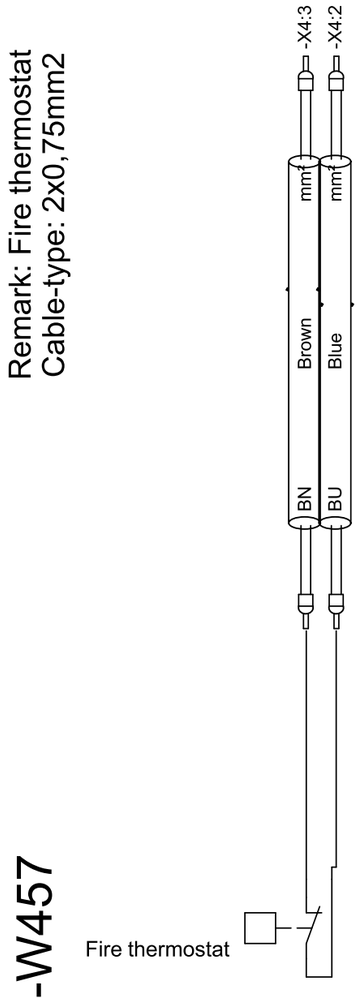
Project:	Geniox-DV Control system 11.04.08 GB
Date:	17-11-2021
initials:	MIKE
Rev.:	11.04.08
Total sheets:	41
Sheet:	105
Next sheet:	106

Cable Plan

	Path	
Sheet		
11	6	6
11	3	3
16	1	2
14	9	9

-W457

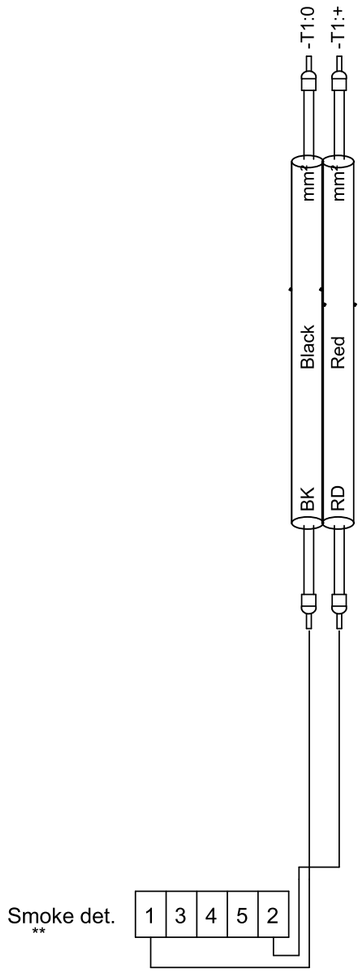
Remark: Fire thermostat
Cable-type: 2x0,75mm2



-BR1

-W458

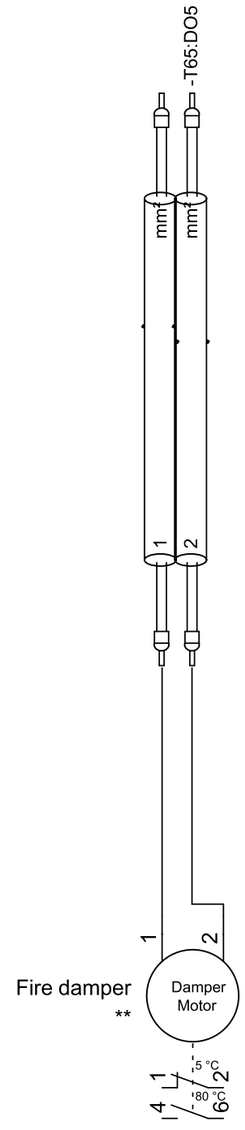
Remark: Smoke detector
Cable-type:



-BQ3

-W480S

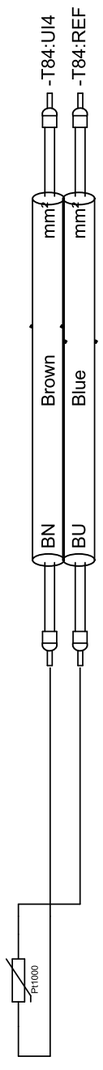
Remark:
Cable-type:



-QM80

-W507

Remark: Outdoor sensor
Cable-type:



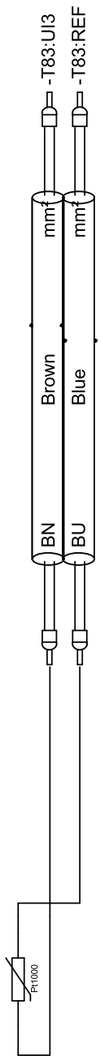
-BT7

systemair	Geniox Access CU40 Controller	-W457, -W458, -W480S, -W507	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 106
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 107

Cable Plan

	Path	Sheet
-W508	7 8	14 14
-W509	2 2	14 14
-W513	4 4 4	13 13 13
-W514	6 6 6	13 13 13

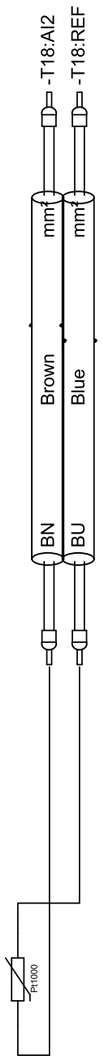
Remark: Room sensor 1
Cable-type:



-W508
Room sensor 1
Pt 1000

-BT8

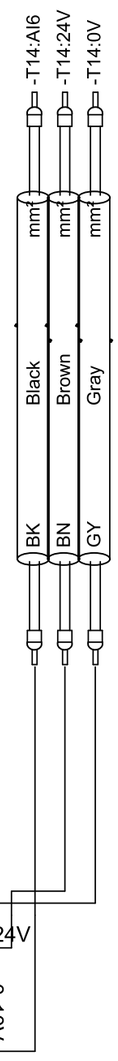
Remark: Room sensor 2
Cable-type:



-W509
Room sensor 2
Pt 1000

-BT9

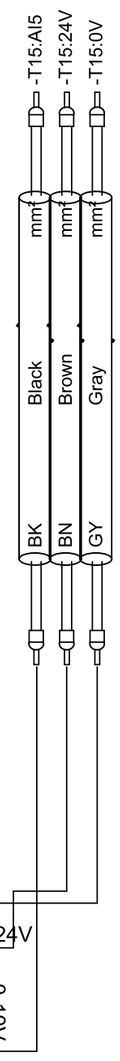
Remark: Pressure Supply air external
Cable-type:



-W513
Pressure transmitter
DPT**

-BP3

Remark: Pressure Extract air external
Cable-type:



-W514
Pressure transmitter
DPT**

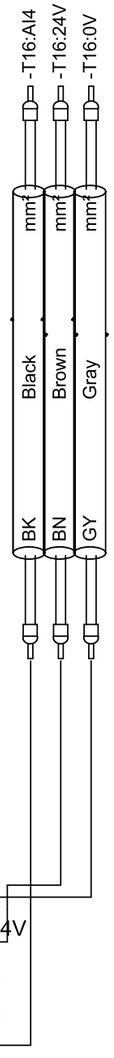
-BP4

systemair	Geniox Access CU40 Controller	-W508, -W509, -W513, -W514	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 107
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 108

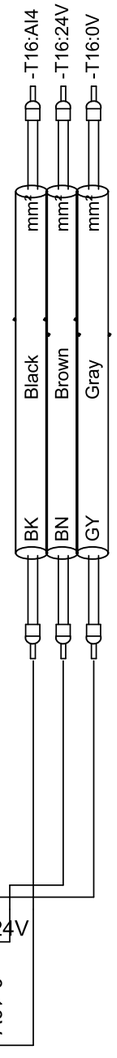
Cable Plan

	Sheet	Path
-T16:AI4	13	7
-T16:24V	13	8
-T16:0V	13	7
-T16:AI4	13	9
-T16:24V	13	9
-T16:0V	13	8
-T12:AI8	13	1
-T12:24V	13	1
-T12:0V	13	0

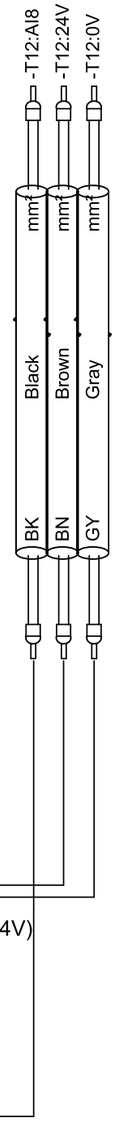
Remark: CO2 Sensor
Cable-type:



Remark: CO2 Sensor
Cable-type:



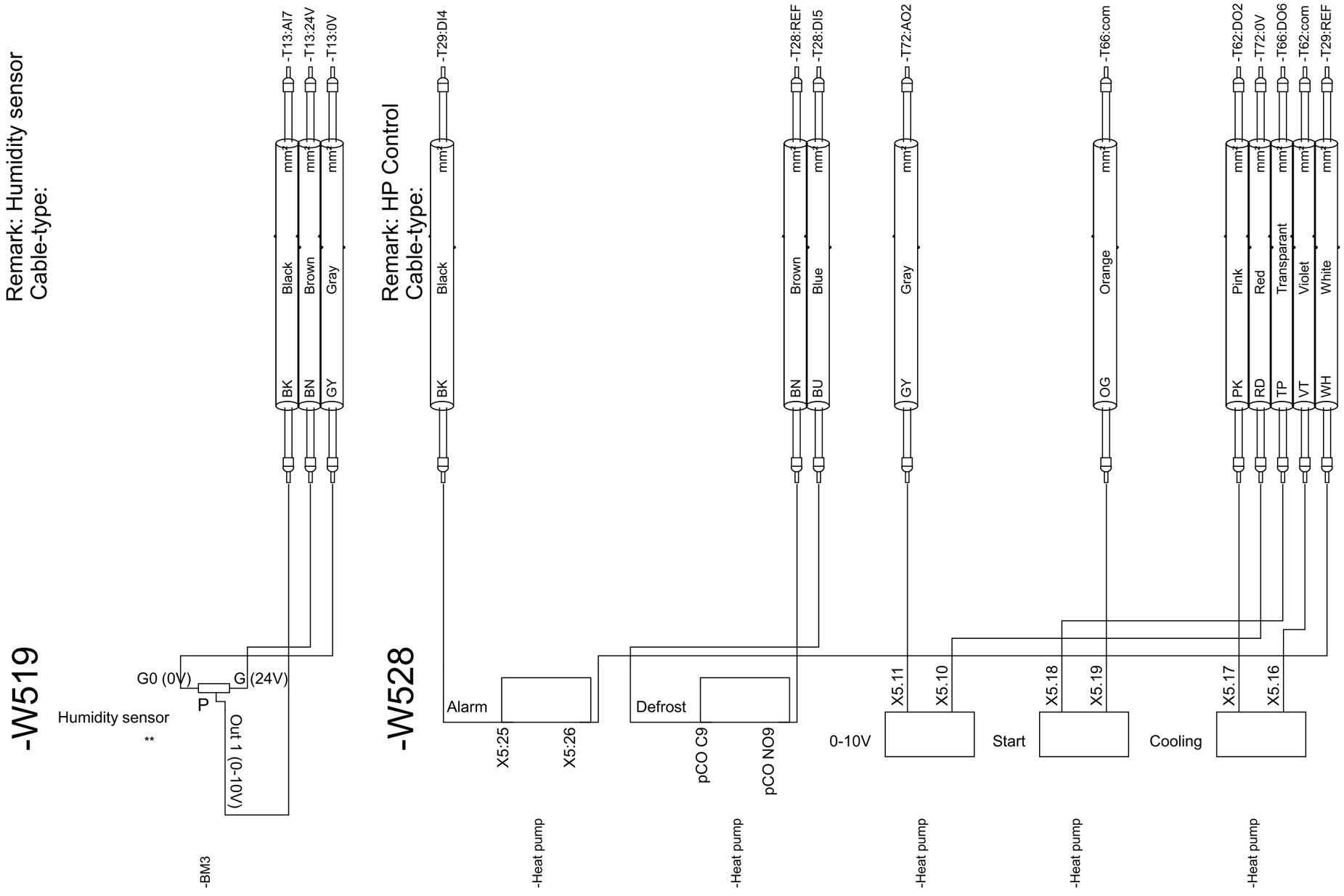
Remark: Humidity sensor external
Cable-type:



systemair	Geniox Access CU40 Controller	-W515, -W516, -W517	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 108
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 109

Cable Plan

	Path	Sheet
-W519	2	13
	3	13
	2	13
-W528	5	10
	9	10
	8	10
	5	17
	5	16
	4	15
	5	17
	4	16
	4	15
	5	10

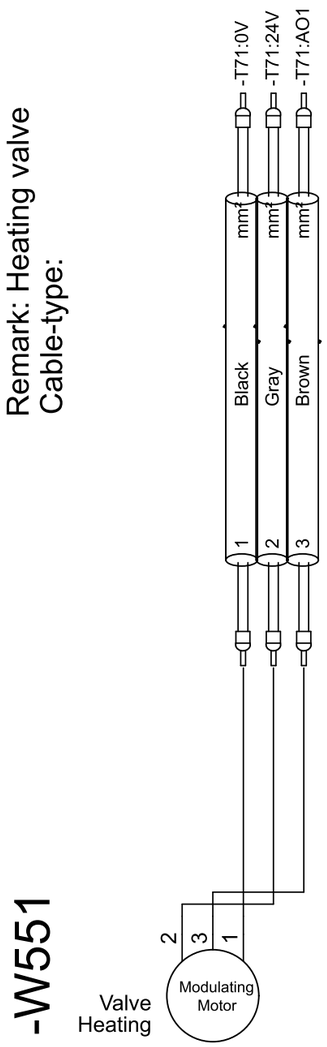


systemair	Geniox Access CU40 Controller	-W519, -W528	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 109
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 110

Cable Plan

	Sheet	Path
-W551	17	0
	17	0
	17	0
-W552	18	4
	18	4
	18	4
-W553	17	7
	17	6
	17	6
-W580	10	0
	10	1
-W581	10	2
	10	2

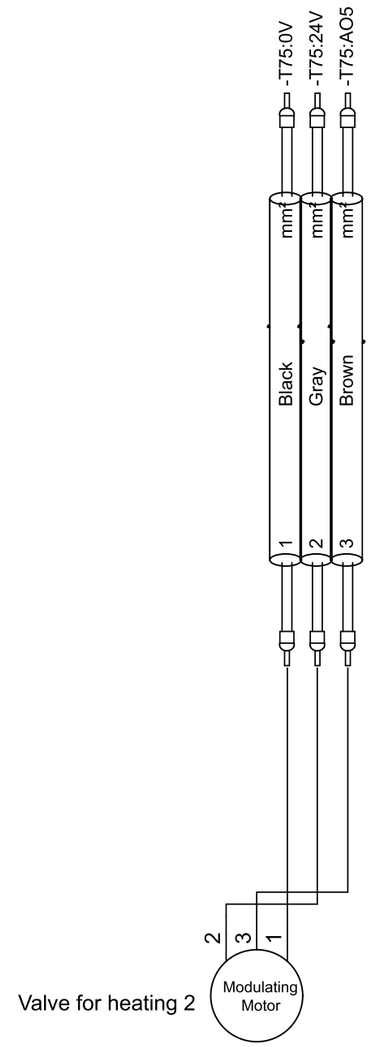
Remark: Heating valve
Cable-type:



-W551

-QN51

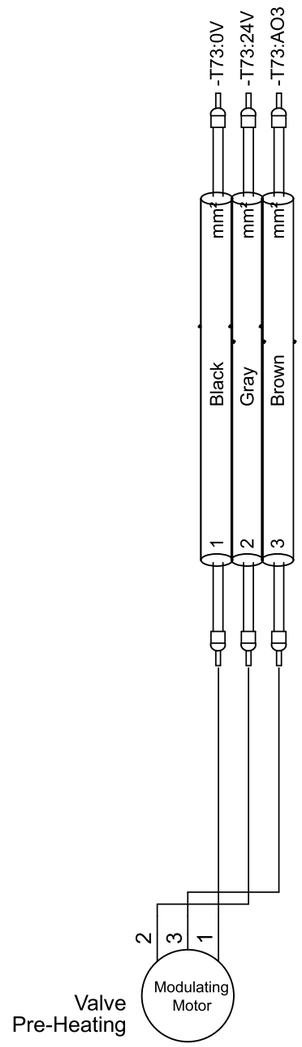
Remark: Heating valve
Cable-type:



-W552

-QN52

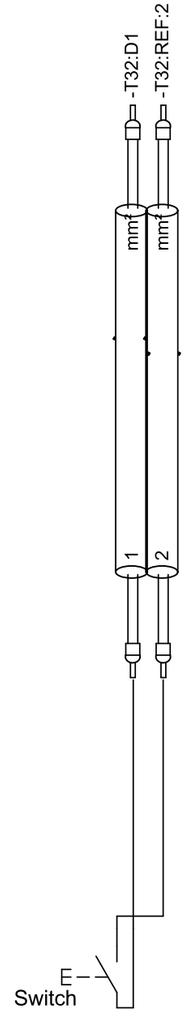
Remark: Heating valve
Cable-type:



-W553

-QN53

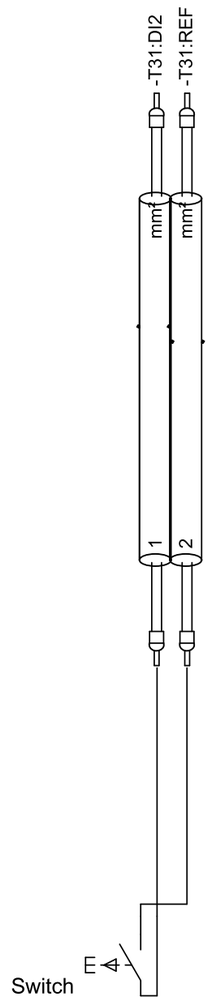
Remark: Reduced speed
Cable-type: 2x0,75mm2



-W580

-SF2

Remark: Normal speed-ext.
Cable-type:



-W581

-SF3

systemair	Geniox Access CU40 Controller	-W551, -W552, -W553, -W580, -W581	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 110
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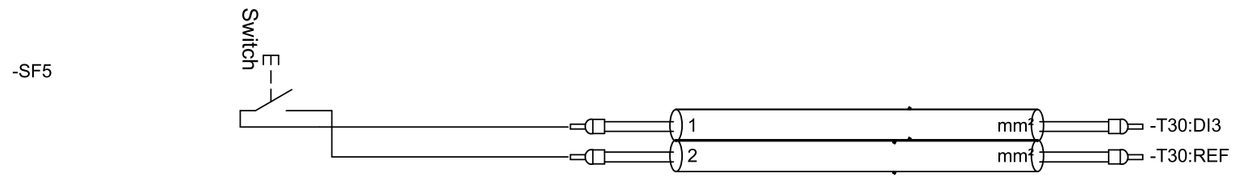
Cable Plan

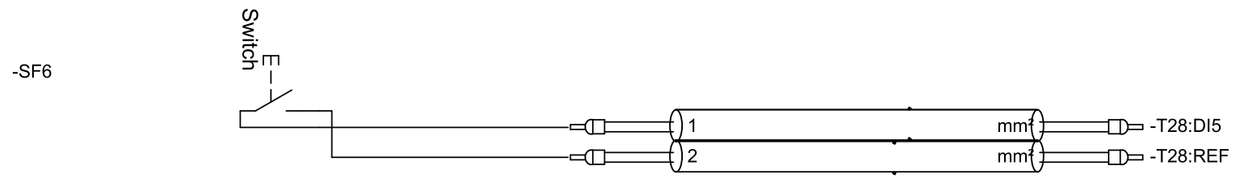
-W583

Remark: Ext. stop
Cable-type: 2x0,75mm2



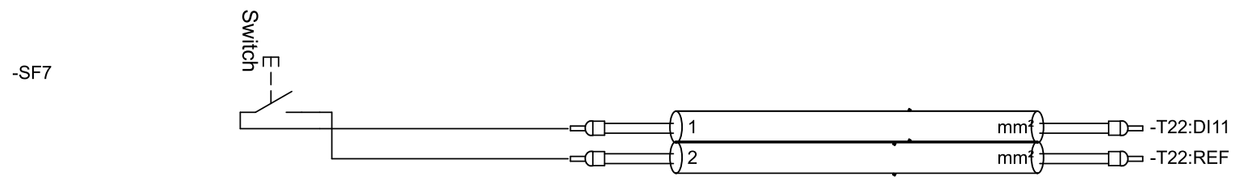
-W584

Remark: Change over
Cable-type:



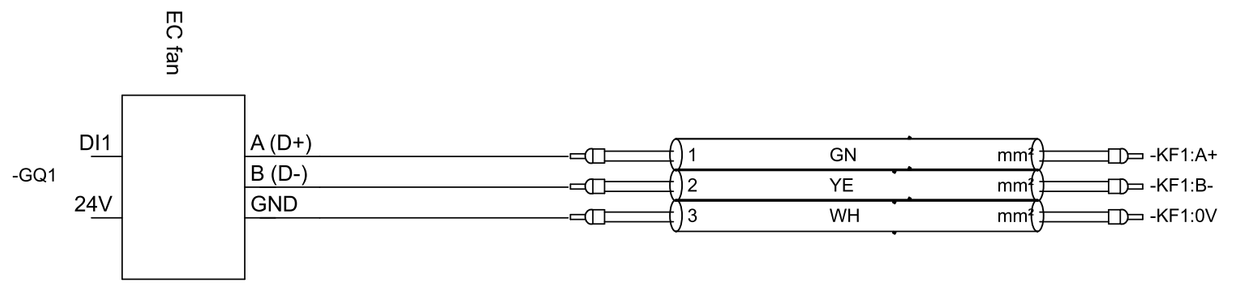
-W585

Remark: Reduced speed
Cable-type: 2x0,75mm2



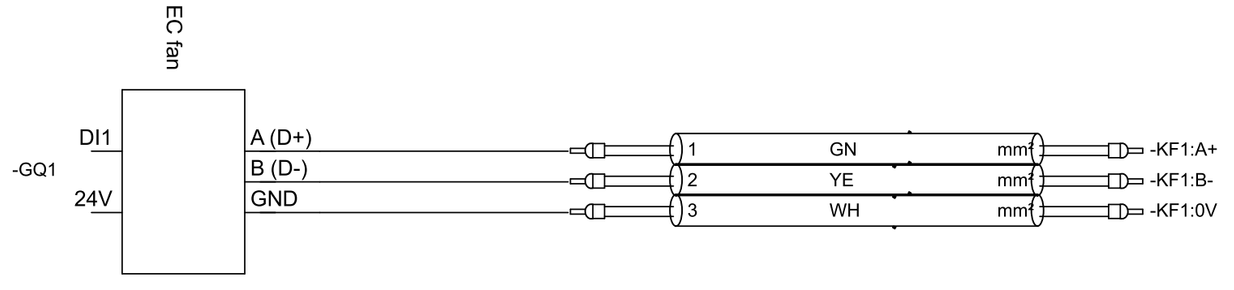
-W601

Remark: GQ1 BUS
Cable-type: 4x0,6mm2



-W601'

Remark: GQ1 BUS
Cable-type: 4x0,6mm2



Sheet	Path
10	3
10	4
10	8
10	8
12	4
12	5
29	3
29	3
29	4
31	0
31	0
31	1

systemair

Geniox Access CU40 Controller

-W583, -W584, -W585, -W601, -W601'

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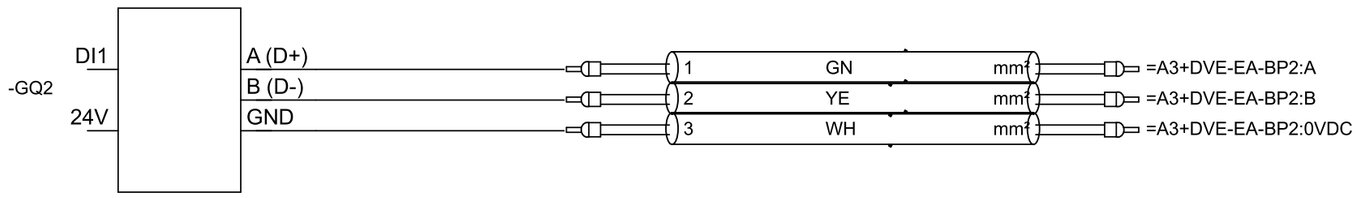
Cable Plan

-W602

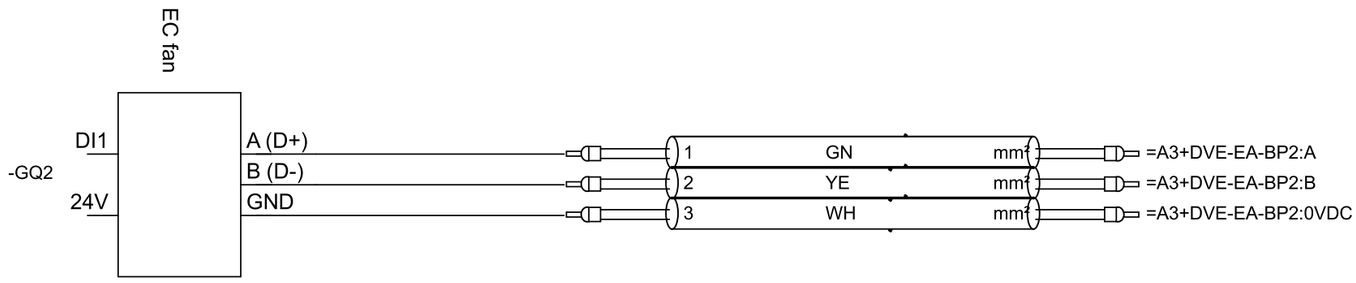
Remark: GQ2 BUS
Cable-type: 4x0,6mm2



Sheet	Path
30	3
30	4
30	4

-W602'

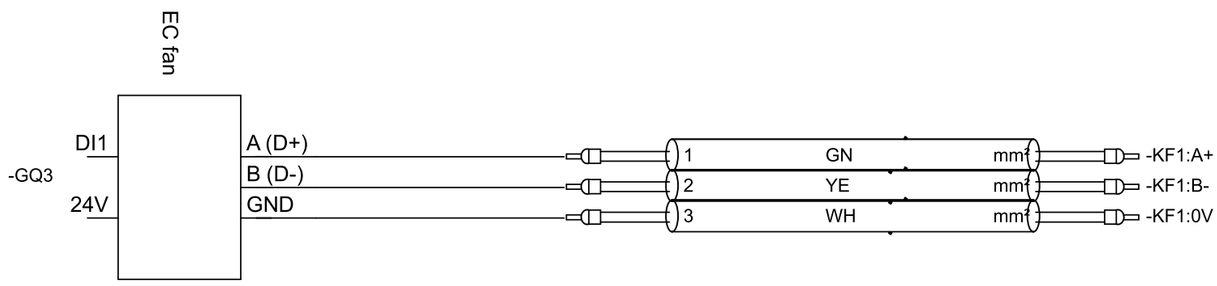
Remark: GQ2 BUS
Cable-type: 4x0,6mm2



Sheet	Path
32	0
32	0
32	1

-W603

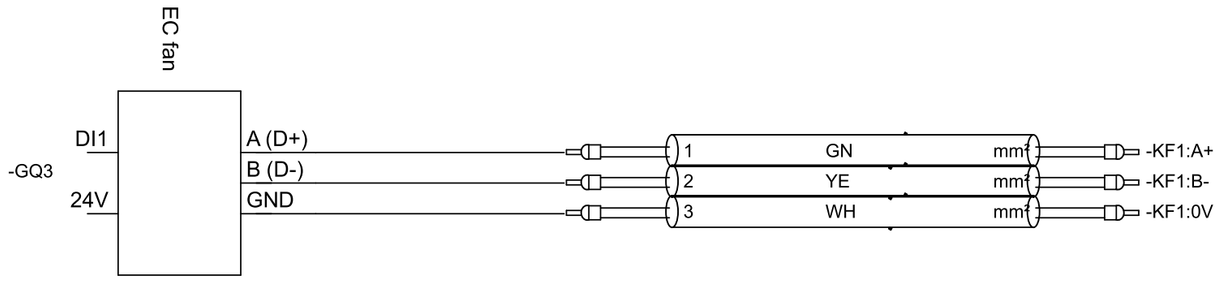
Remark: GQ1 BUS
Cable-type: 4x0,6mm2



Sheet	Path
29	5
29	5
29	5

-W603'

Remark: GQ3 BUS
Cable-type: 4x0,6mm2



Sheet	Path
31	2
31	2
31	2

systemair

Geniox
Access CU40 Controller

-W602, -W602', -W603, -W603'

Project: Geniox-DV Control system 11.04.08 GB

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initials: MIKE

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Total sheets: 41

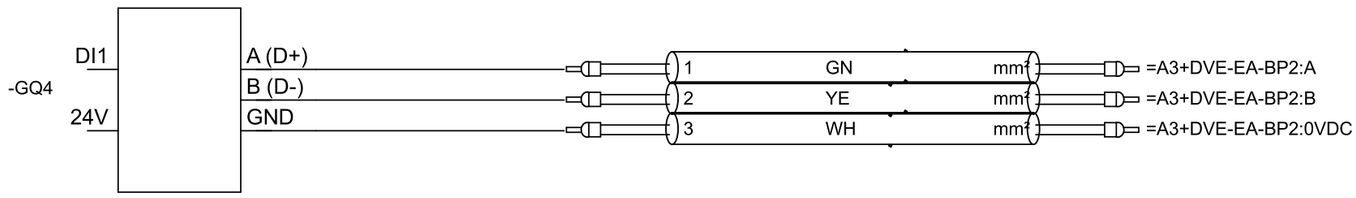
Sheet: 112

Next sheet: 113

Cable Plan

-W604

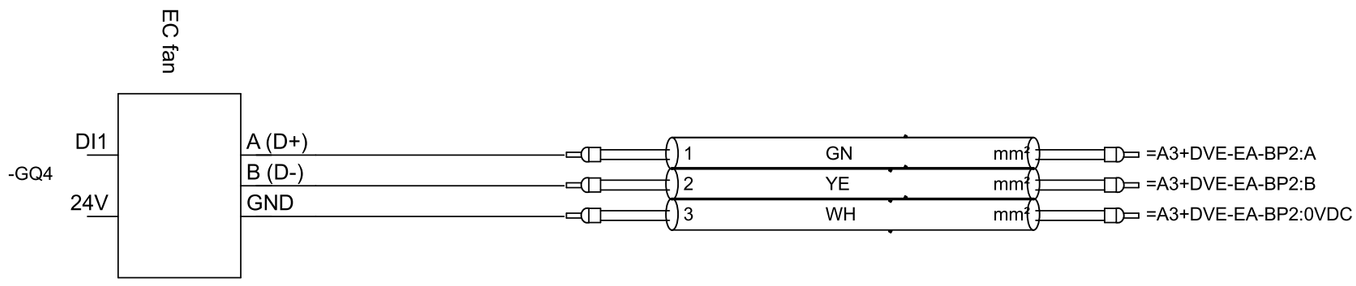
Remark: GQ4 BUS
Cable-type: 4x0,6mm2



Sheet	Path
30	5
30	5
30	5

-W604'

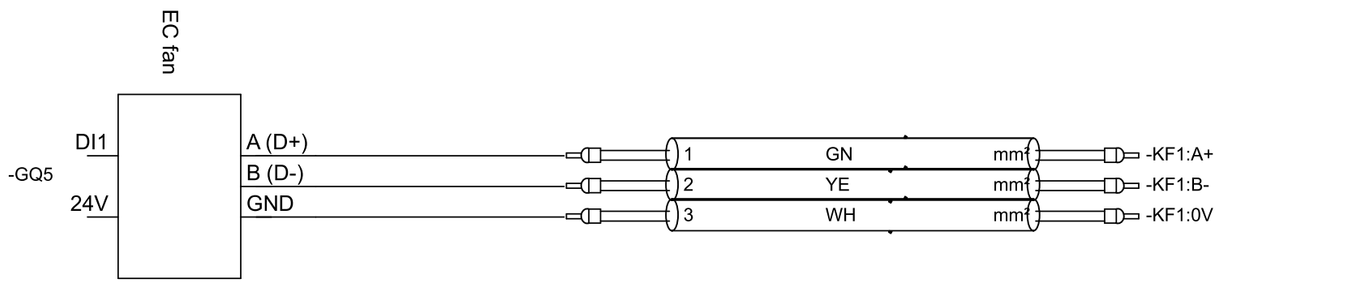
Remark: GQ4 BUS
Cable-type: 4x0,6mm2



Sheet	Path
32	2
32	2
32	2

-W605'

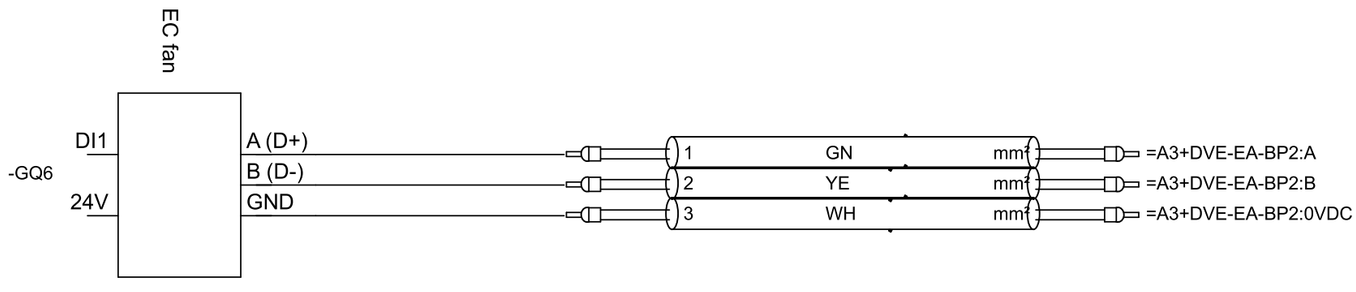
Remark: GQ5 BUS
Cable-type: 4x0,6mm2



Sheet	Path
31	3
31	3
31	3

-W606'

Remark: GQ6 BUS
Cable-type: 4x0,6mm2



Sheet	Path
32	3
32	3
32	3

systemair

Geniox
Access CU40 Controller

-W604, -W604', -W605', -W606'

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Total sheets: 41

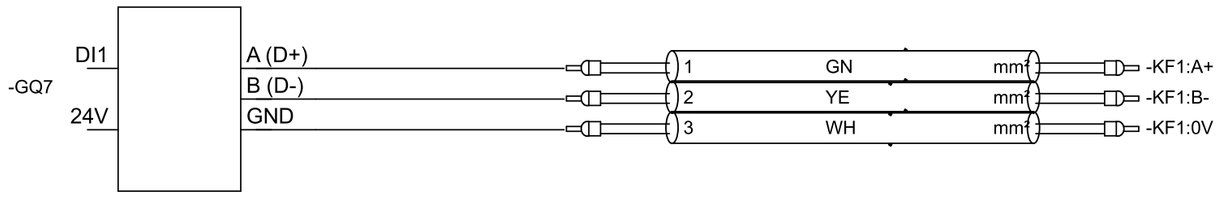
Sheet: 113

Next sheet: 114

Cable Plan

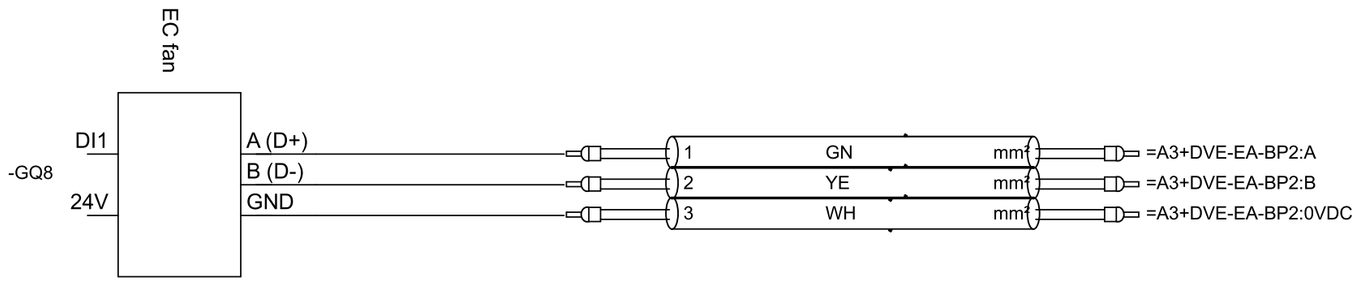
-W607'

Remark: GQ7 BUS
Cable-type: 4x0,6mm2



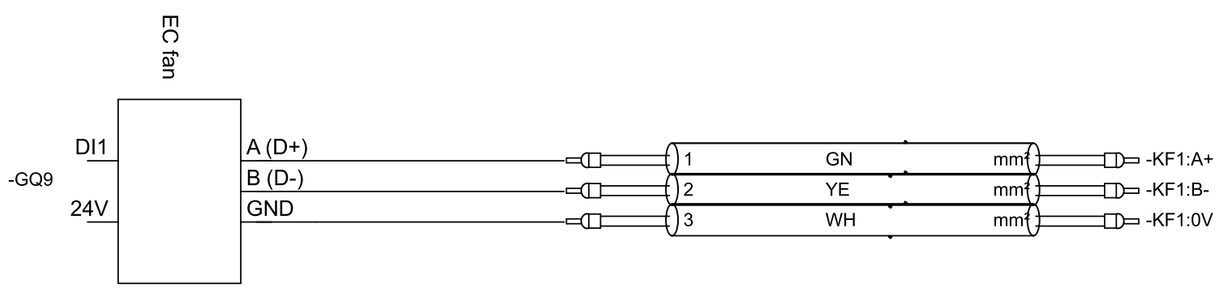
-W608'

Remark: GQ8 BUS
Cable-type: 4x0,6mm2



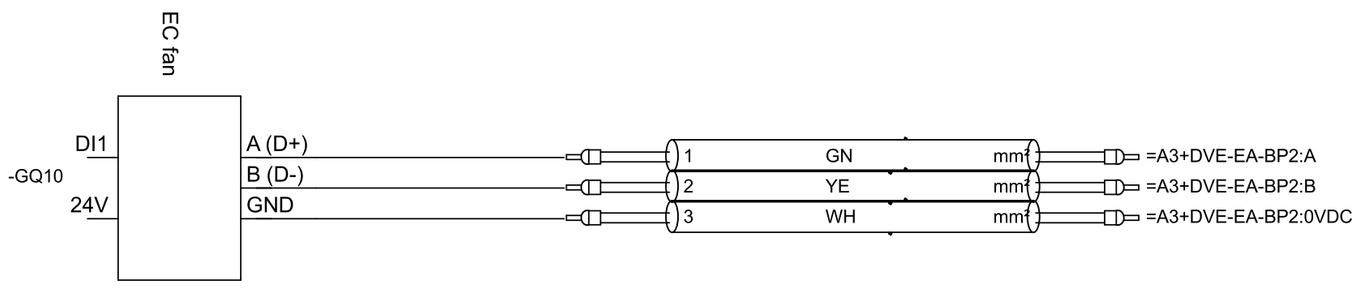
-W609'

Remark: GQ9 BUS
Cable-type: 4x0,6mm2



-W610'

Remark: GQ10 BUS
Cable-type: 4x0,6mm2



Sheet	Path
31	4
31	4
31	4
32	4
32	4
32	4
31	5
31	5
31	5
32	5
32	5
32	5

systemair

Geniox
Access CU40 Controller

-W607', -W608', -W609', -W610'

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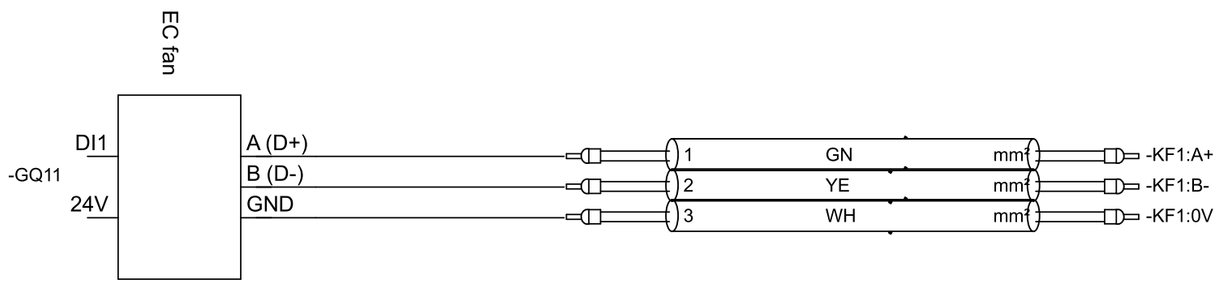
Next sheet: 115

Cable Plan

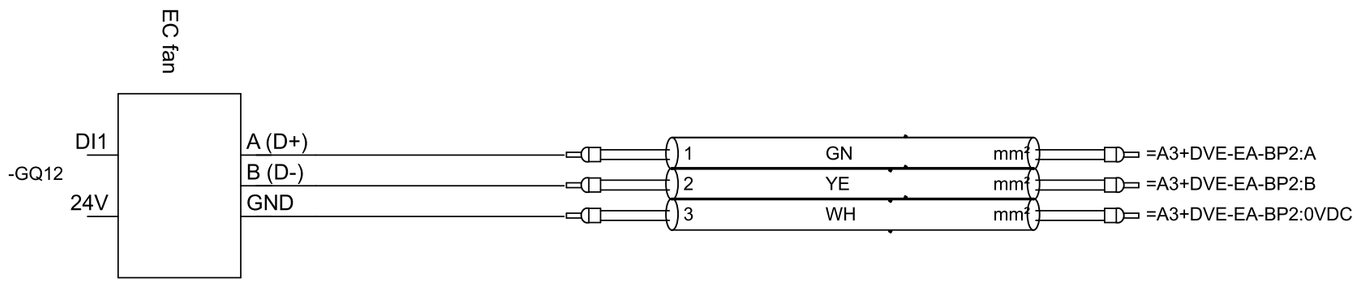
-W611'

Remark: GQ11 BUS
Cable-type: 4x0,6mm2



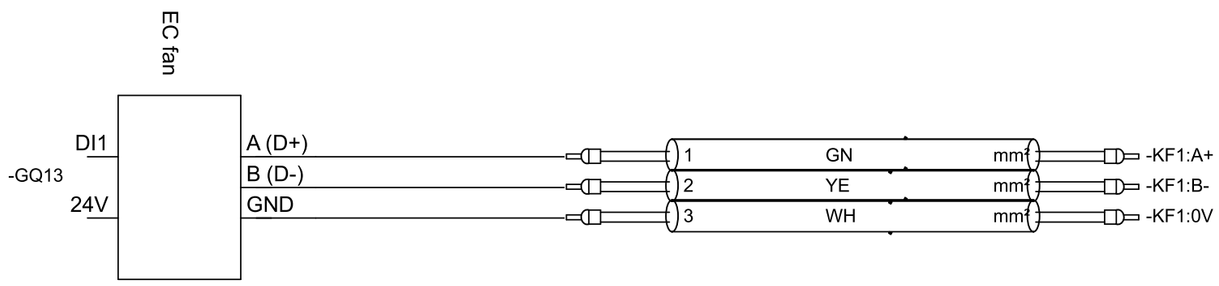
-W612'

Remark: GQ12 BUS
Cable-type: 4x0,6mm2



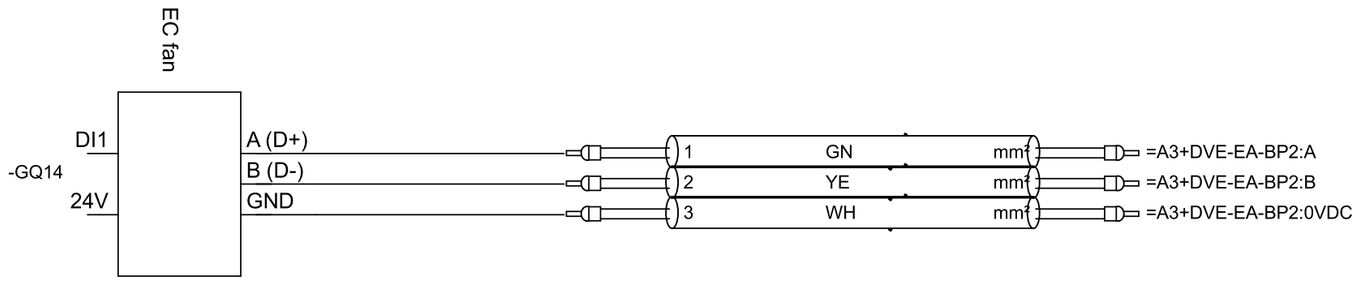
-W613'

Remark: GQ13 BUS
Cable-type: 4x0,6mm2



-W614'

Remark: GQ14 BUS
Cable-type: 4x0,6mm2



Sheet	Path
31	6
31	6
31	7
32	6
32	6
32	7
31	7
31	8
31	8
32	7
32	8
32	8

systemair

Geniox Access CU40 Controller

-W611', -W612', -W613', -W614'

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initials: MIKE

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Total sheets: 41

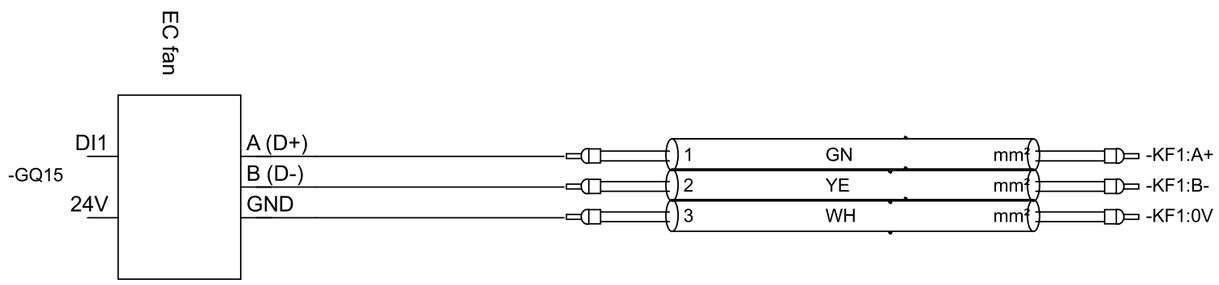
Sheet: 115

Next sheet: 116

Cable Plan

-W615'

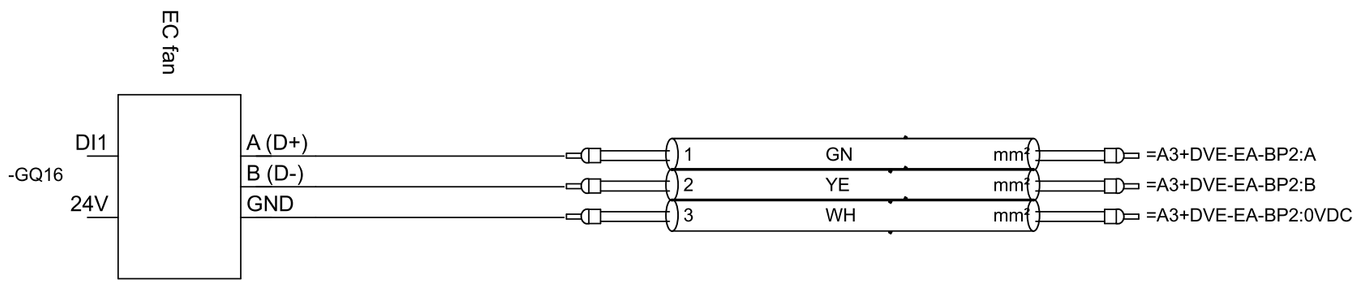
Remark: GQ15
Cable-type: 4x0,6mm2



Sheet	Path
31	9
31	9
31	9

-W616'

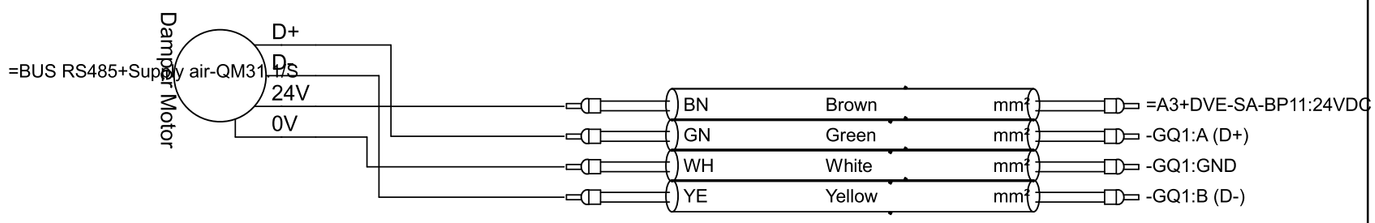
Remark: GQ16
Cable-type: 4x0,6mm2



Sheet	Path
32	9
32	9
32	9

-W631.1/S

Remark: Supply
Cable-type:



Sheet	Path
33	1
33	1
33	1
33	1

systemair

Geniox
Access CU40 Controller

-W615', -W616', -W631.1/S

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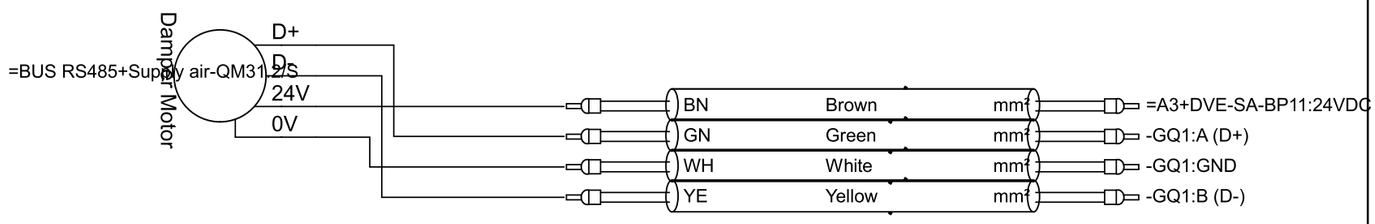
Sheet:	116
Next sheet:	117

Cable Plan

-W631.2/S

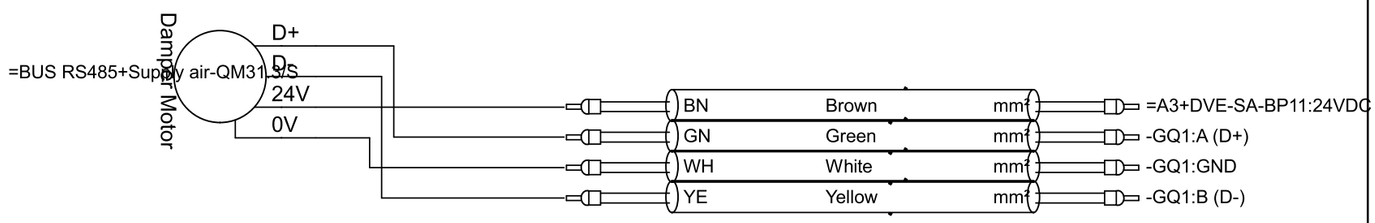
Remark: Supply
Cable-type:



Sheet	Path
33	2
33	2
33	2
33	2

-W631.3/S

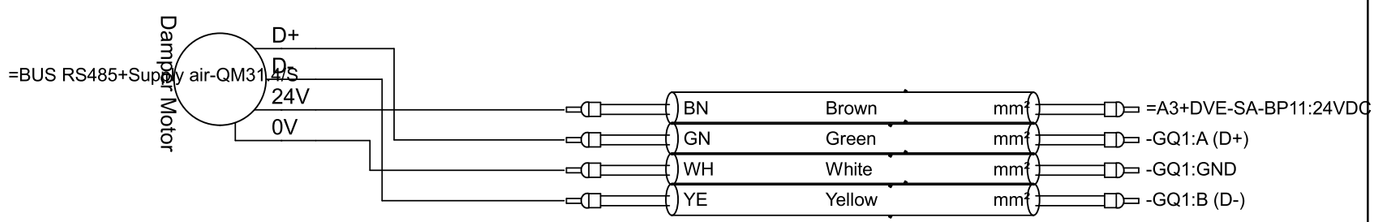
Remark: Supply
Cable-type:



Sheet	Path
35	1
35	0
35	1
35	0

-W631.4/S

Remark: Supply
Cable-type:



Sheet	Path
35	2
35	1
35	2
35	2

systemair

Geniox
Access CU40 Controller

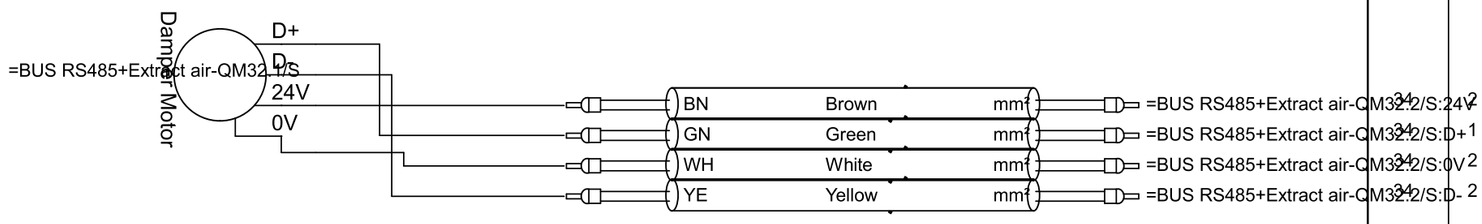
-W631.2/S, -W631.3/S, -W631.4/S

Project: Geniox-DV Control system 11.04.08 GB
Date: 17-11-2021
initials: MIKE
Rev.: 11.04.08
Total sheets: 41
Sheet: 117
Next sheet: 118

Cable Plan

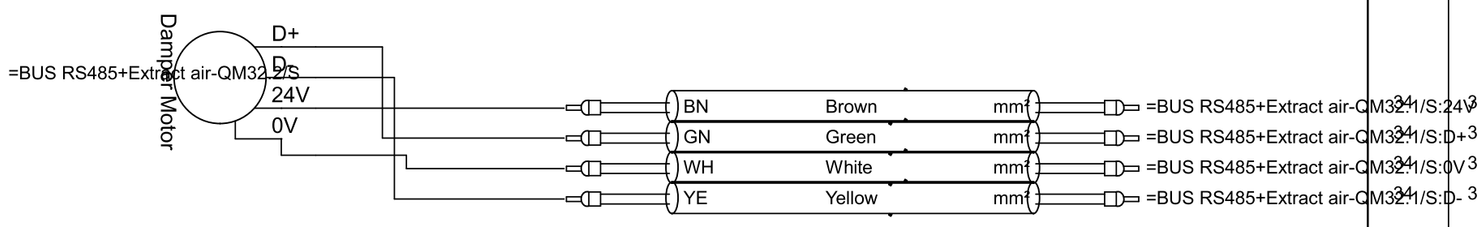
-W632.1/S

Remark: Extract
Cable-type:



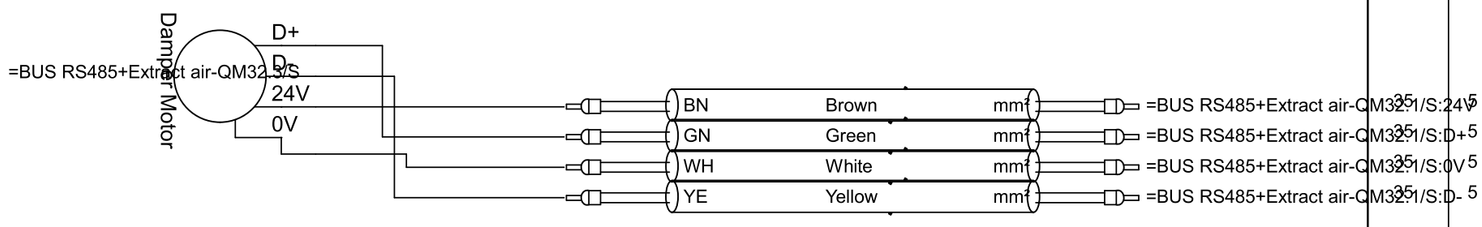
-W632.2/S

Remark: Extract
Cable-type:



-W632.3/S

Remark: Extract
Cable-type:



Sheet
Path

systemair

Geniox
Access CU40 Controller

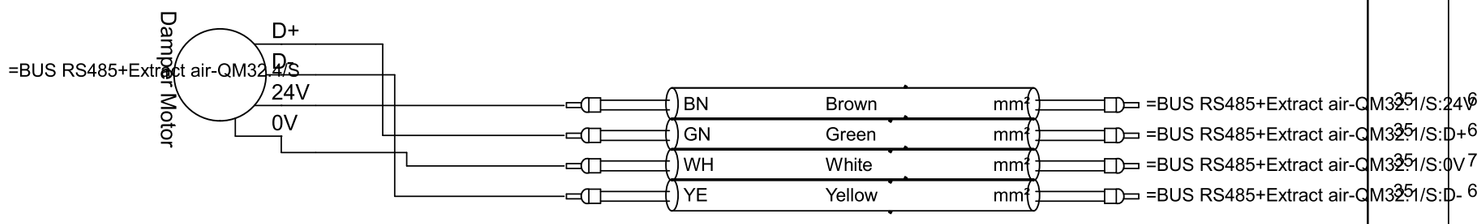
-W632.1/S, -W632.2/S, -W632.3/S

Project: Geniox-DV Control system 11.04.08 GB			Rev.: 11.04.08
Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 119
			Sheet: 118

Cable Plan

-W632.4/S

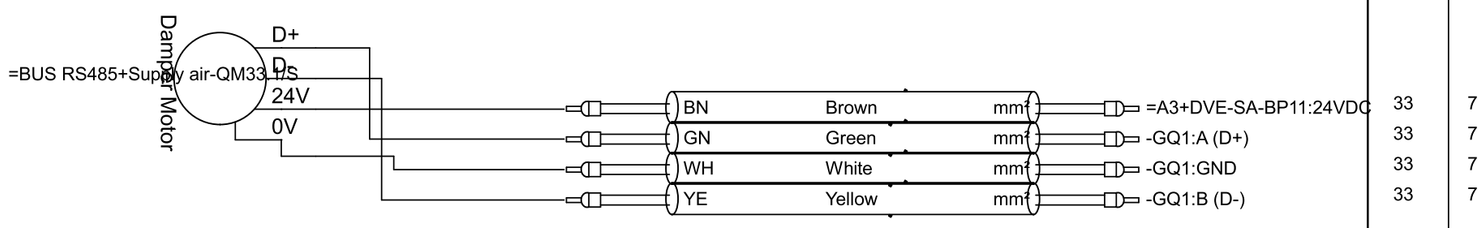
Remark: Extract
Cable-type:



Sheet	Path
35	6
35	6
35	7
35	6

-W633.1/S

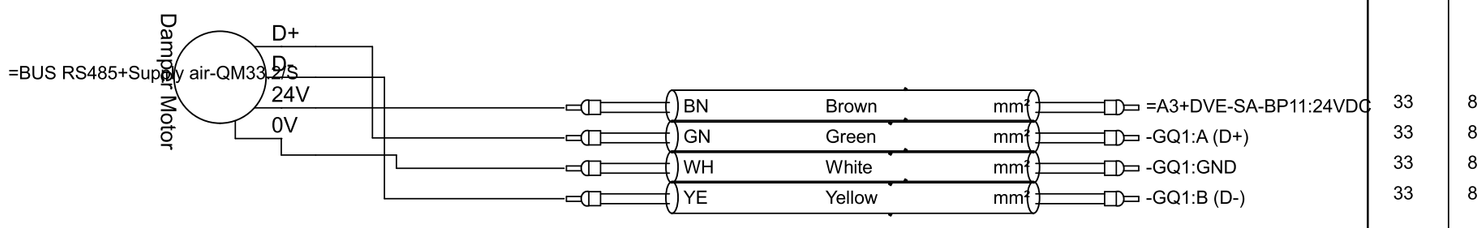
Remark: REC
Cable-type:



Sheet	Path
33	7
33	7
33	7
33	7

-W633.2/S

Remark: REC
Cable-type:



Sheet	Path
33	8
33	8
33	8
33	8

systemair

Geniox
Access CU40 Controller

-W632.4/S, -W633.1/S, -W633.2/S

Project: Geniox-DV Control system 11.04.08 GB

Date: 17-11-2021

initials: MIKE

Rev.: 11.04.08

Total sheets: 41

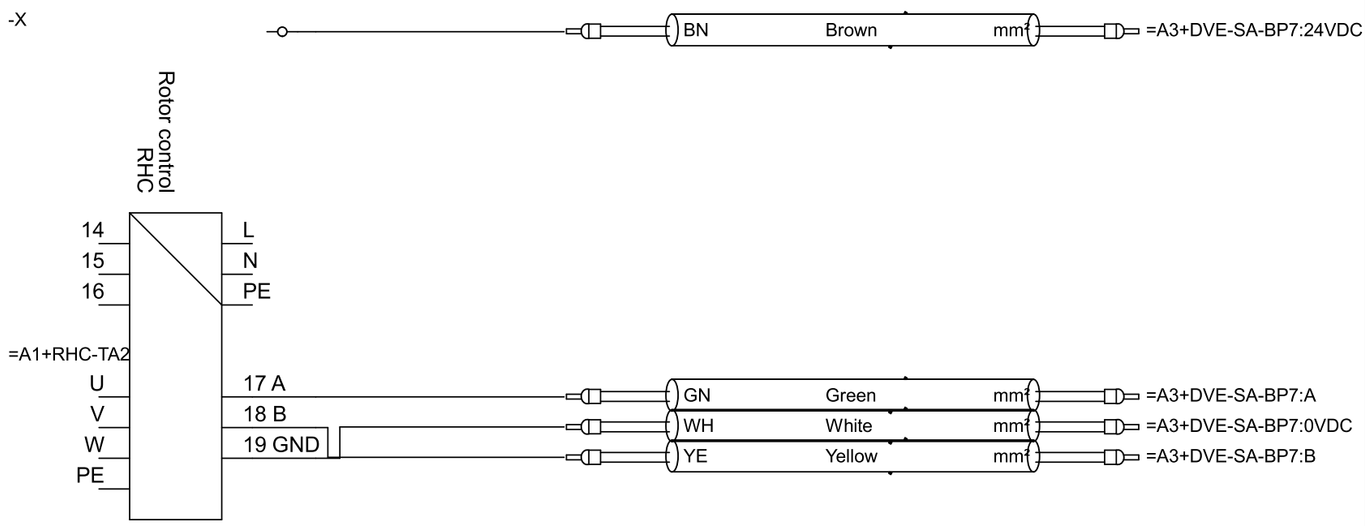
Sheet: 119

Next sheet: 120

Cable Plan

-W642

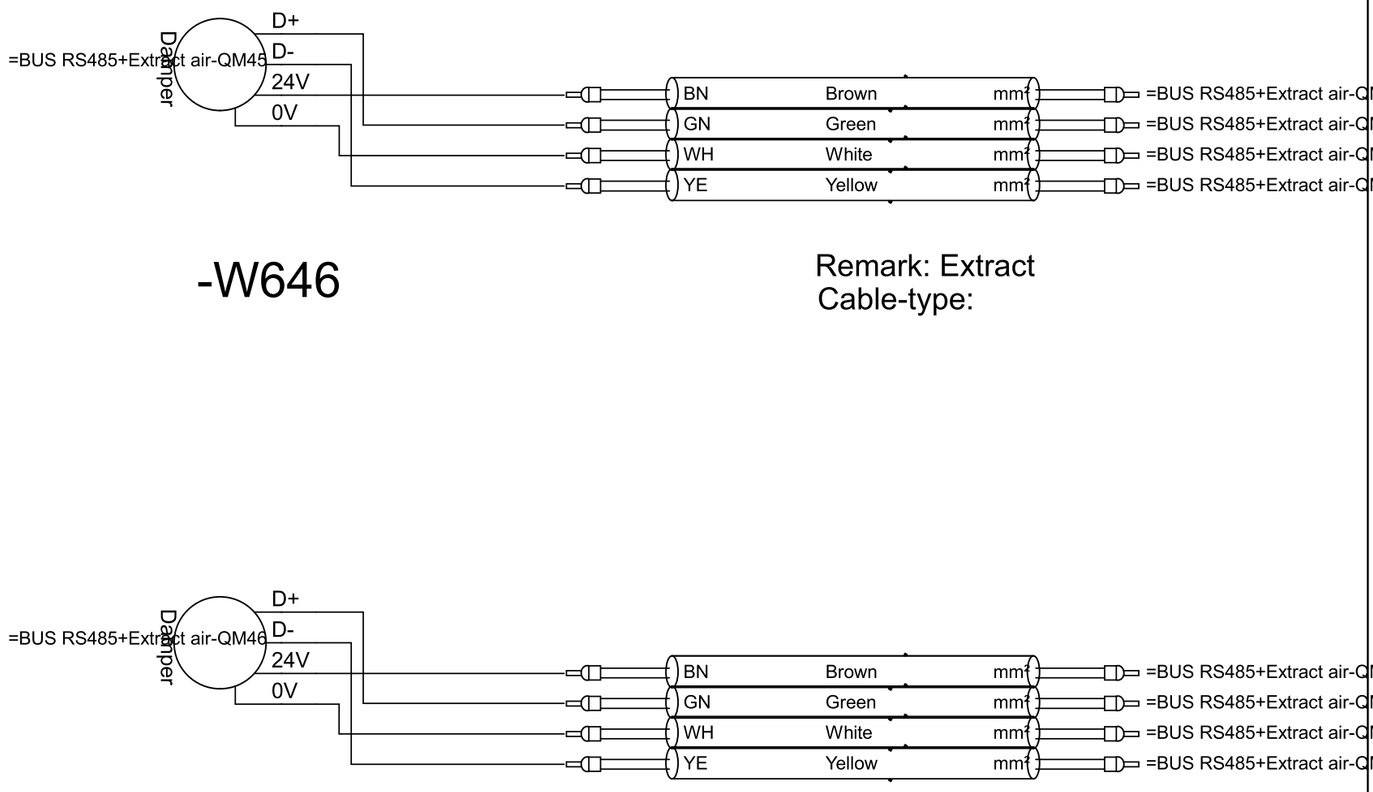
Remark: TA2 BUS
Cable-type:



Sheet	Path
37	7
37	6
37	7
37	6

-W645

Remark: Extract
Cable-type:



Sheet	Path
37	0
37	0
37	1
37	0
37	1
37	1
37	2
37	1

-W646

Remark: Extract
Cable-type:

systemair

Geniox Access CU40 Controller

-W642, -W645, -W646

Project:	Geniox-DV Control system 11.04.08 GB
Date:	17-11-2021
initials:	MIKE
Rev.:	11.04.08
Total sheets:	41
Sheet:	120
Next sheet:	121

Cable Plan

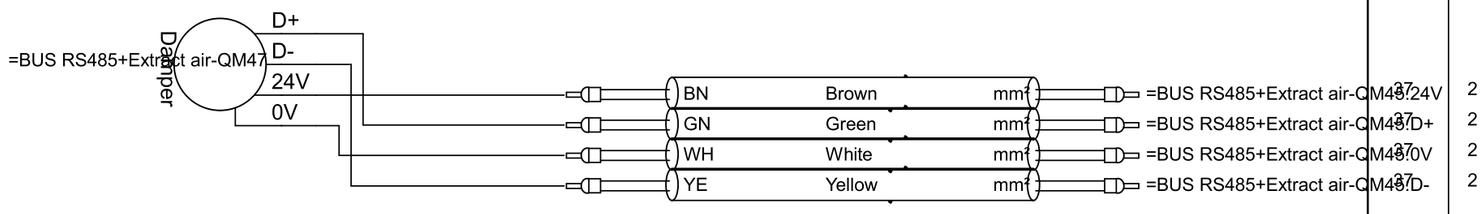
systemair

Geniox Access CU40 Controller

-W647, -W648, -W649

-W647

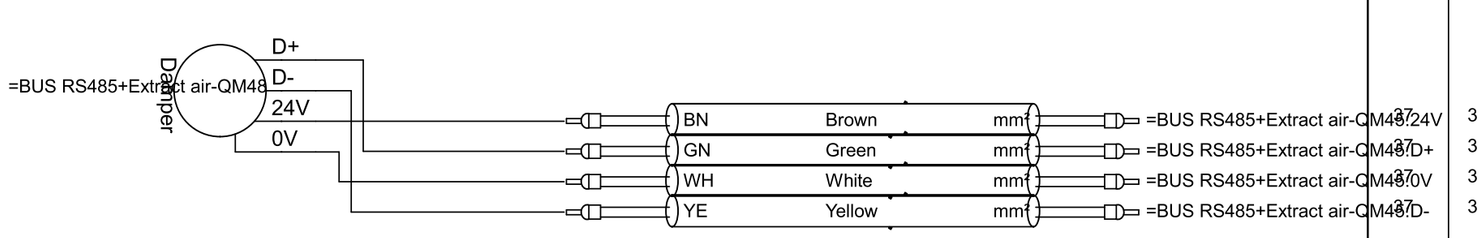
Remark: Extract
Cable-type:



Sheet	Path
37	2
37	2
37	2
37	2

-W648

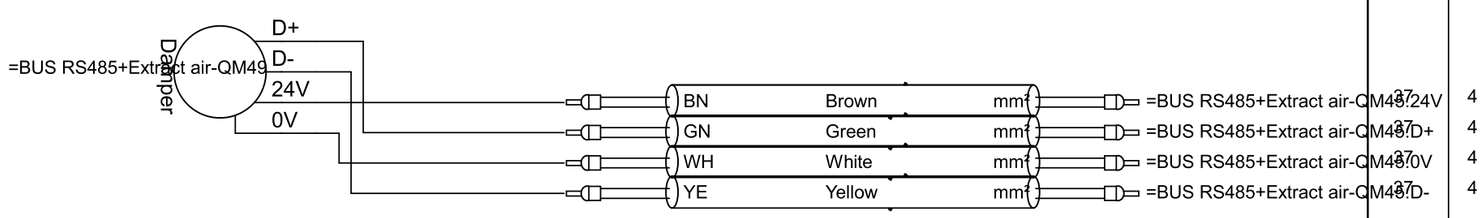
Remark: Extract
Cable-type:



Sheet	Path
37	3
37	3
37	3
37	3

-W649

Remark: Extract
Cable-type:



Sheet	Path
37	4
37	4
37	4
37	4

Project:	Geniox-DV Control system 11.04.08 GB
Date:	17-11-2021
initials:	MIKE
Rev.:	11.04.08
Total sheets:	41
Sheet:	121
Next sheet:	122

Cable Plan

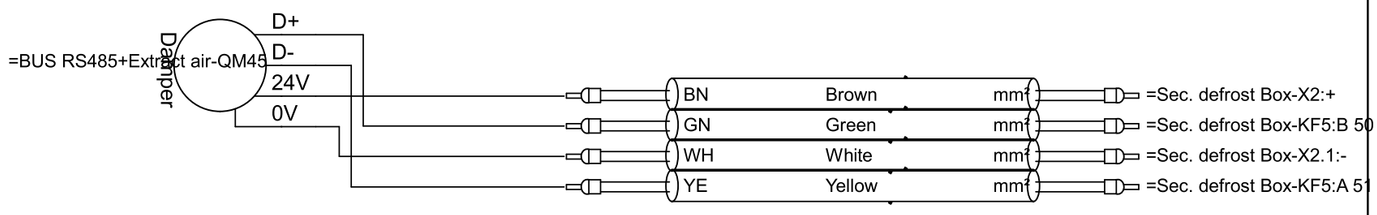
systemair

Geniox Access CU40 Controller

-W655, -W665, -W666

-W655

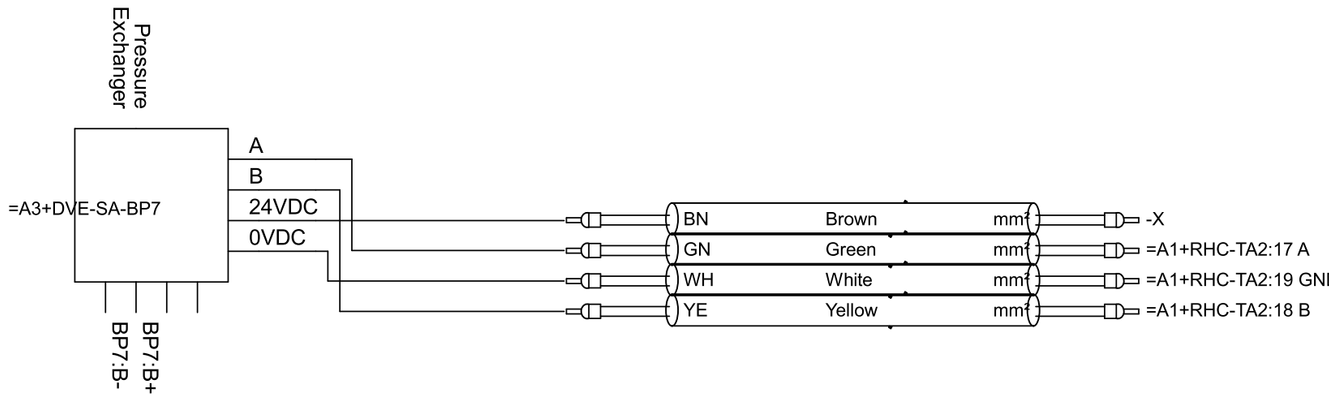
Remark: Sec. defrost
Cable-type:



Sheet	Path
39	1
39	1
39	1
39	1

-W665

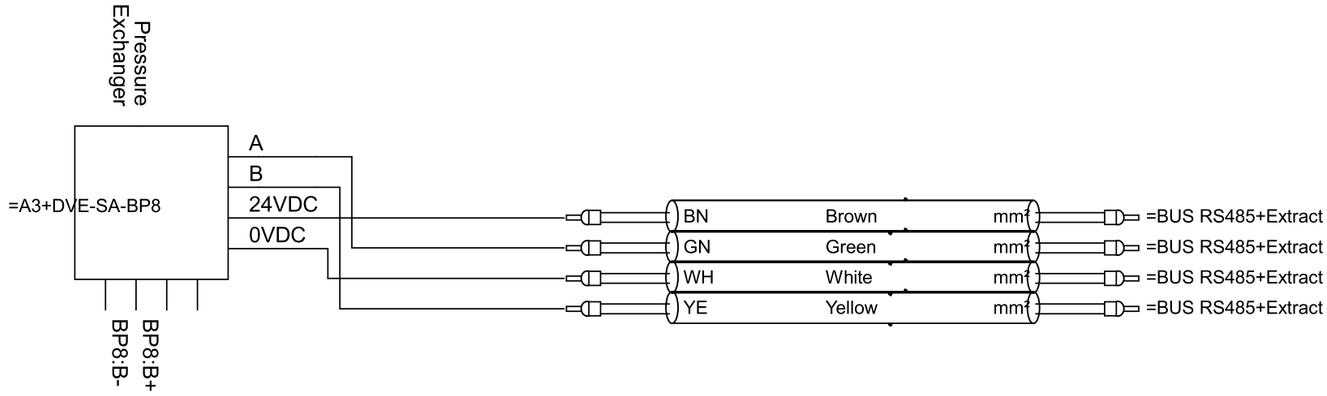
Remark: Pressure Rotor
Cable-type:



Sheet	Path
37	8
37	8
37	8
37	8

-W666

Remark: Pressure Plate
Cable-type:



Sheet	Path
34	8
34	7
34	8
34	8

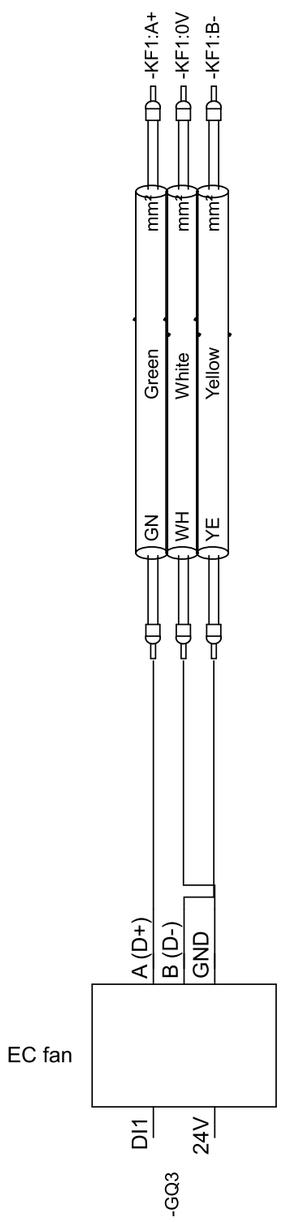
Project:	Geniox-DV Control system 11.04.08 GB
Date: 17-11-2021	initials: MIKE
Rev.: 11.04.08	Total sheets: 41
Sheet: 122	Next sheet: 123

Cable Plan

Path	Sheet
1	31
1	31
1	31
1	32
1	32
1	32
1	36
1	36
1	36
1	36

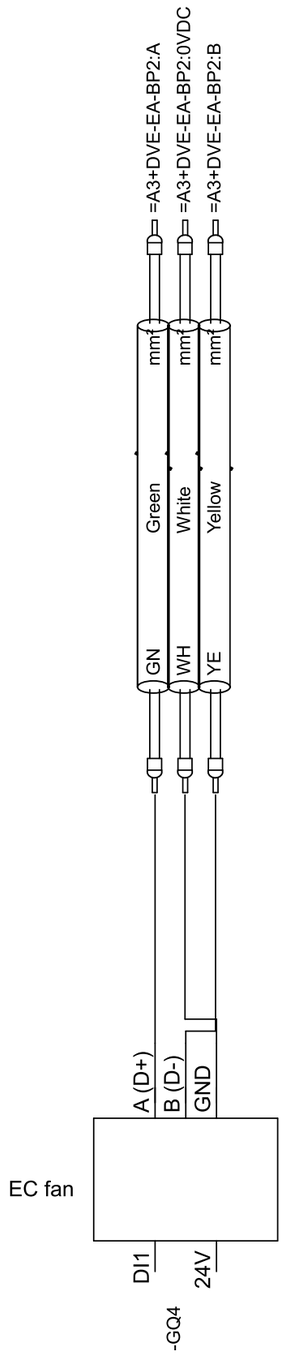
-W667

Remark: Supply
Cable-type:



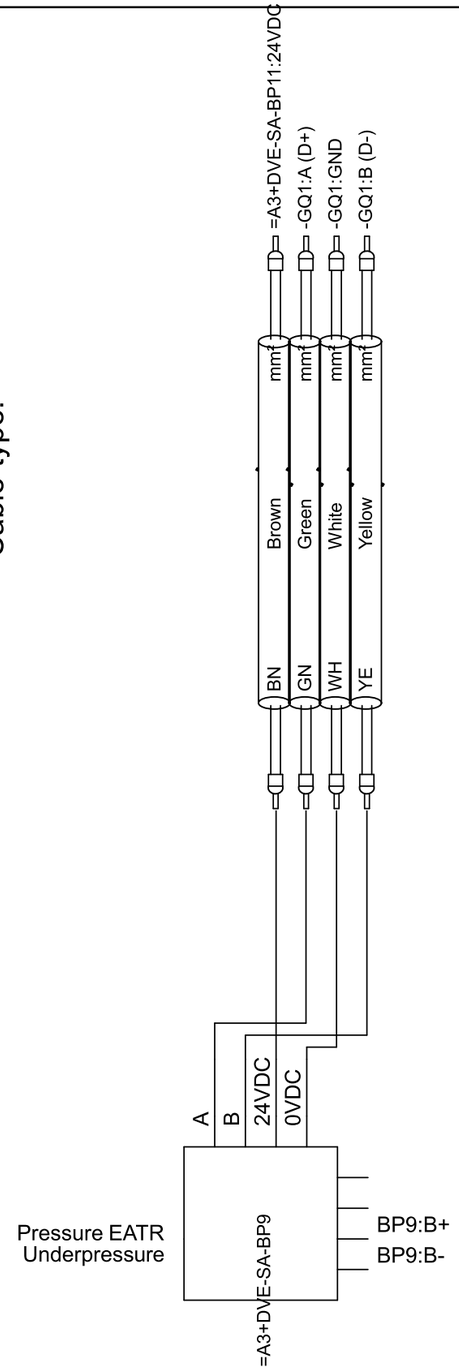
-W668

Remark: Extract
Cable-type:



-W669

Remark: Pressure EATR
Cable-type:



systemair	Geniox Access CU40 Controller	-W667, -W668, -W669	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 123
			Date: 17-11-2021 / initials: MIKE	Total sheets: 41	Next sheet: 124

Cable Plan

systemair

Geniox
Access CU40 Controller

-W671.1/S, -W671.2/S, -W671.3/S

Project: Geniox-DV Control system 11.04.08 GB

Date: 17-11-2021

initials: MIKE

Rev.: 11.04.08

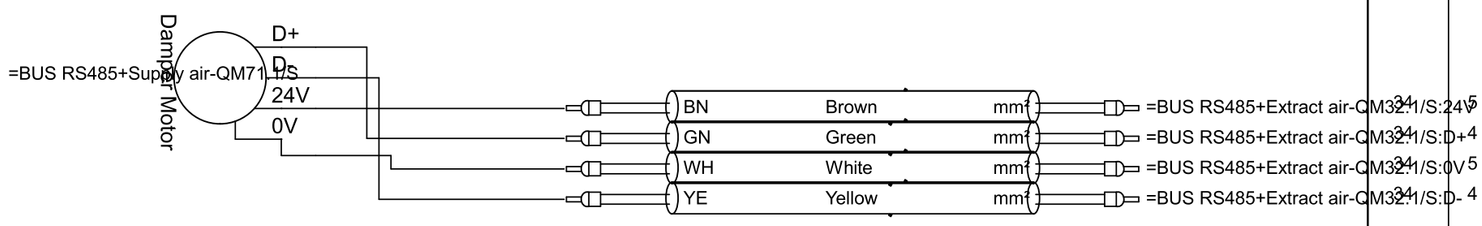
Total sheets: 41

Sheet: 124

Next sheet: 125

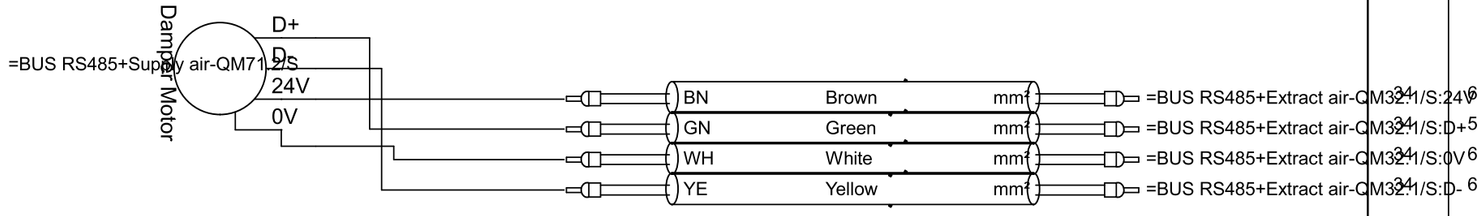
-W671.1/S

Remark: Supply 2
Cable-type:



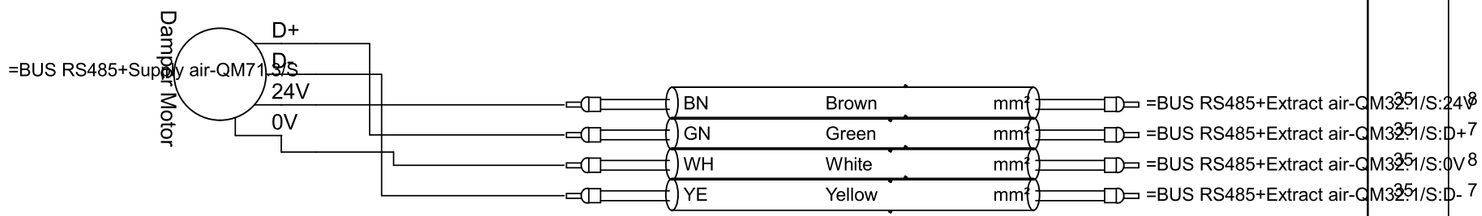
-W671.2/S

Remark: Supply 2
Cable-type:



-W671.3/S

Remark: Supply 2
Cable-type:



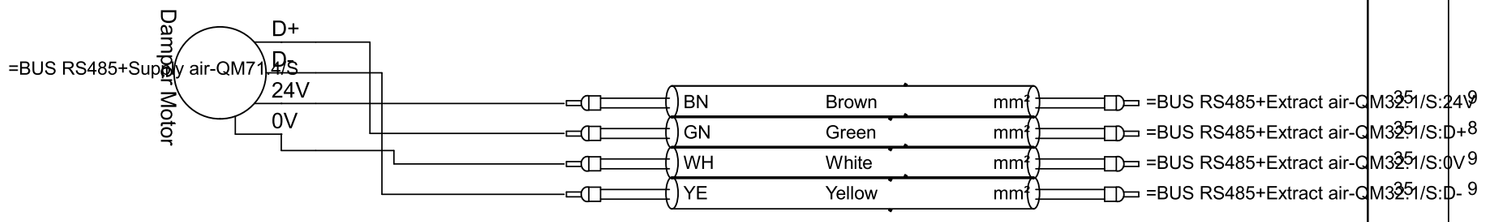
Sheet

Path

Cable Plan

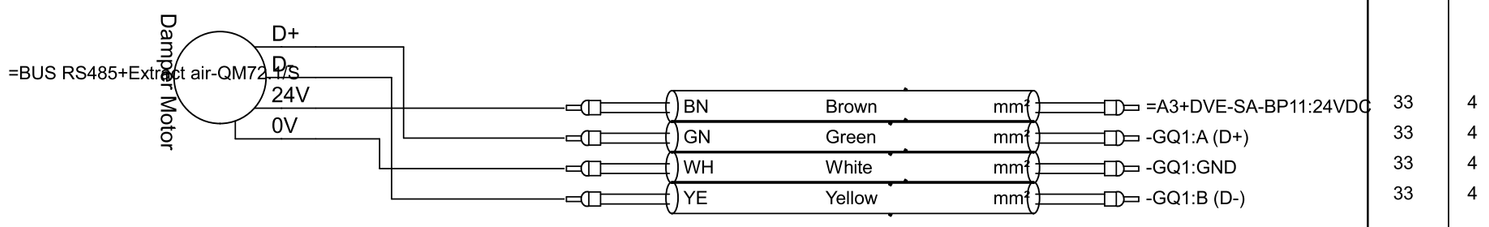
-W671.4/S

Remark: Supply 2
Cable-type:



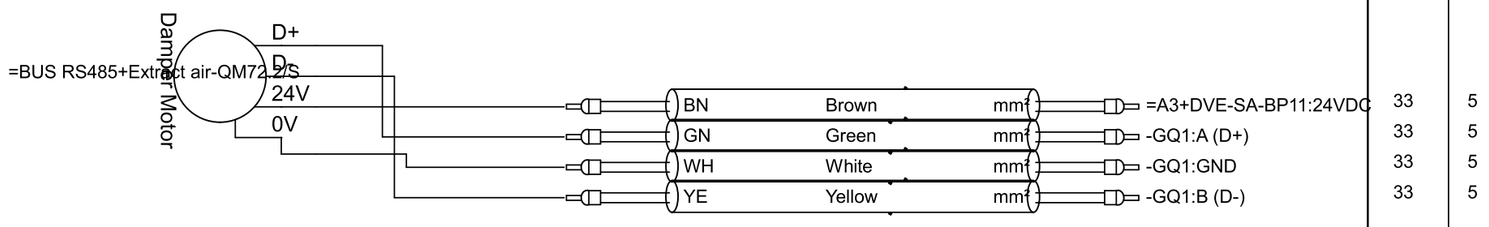
-W672.1/S

Remark: Extract 2
Cable-type:



-W672.2/S

Remark: Extract 2
Cable-type:



systemair

Geniox
Access CU40 Controller

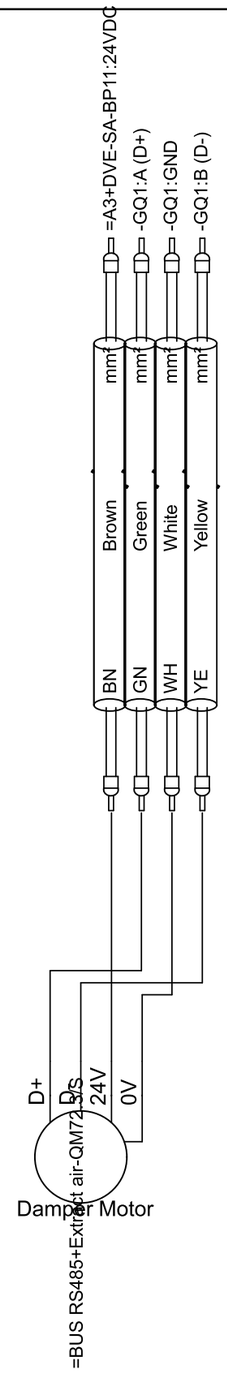
-W671.4/S, -W672.1/S, -W672.2/S

Project: Geniox-DV Control system 11.04.08 GB			Sheet: 125
Date: 17-11-2021	initials: MIKE	Rev.: 11.04.08	Next sheet: 126
		Total sheets: 41	

Cable Plan

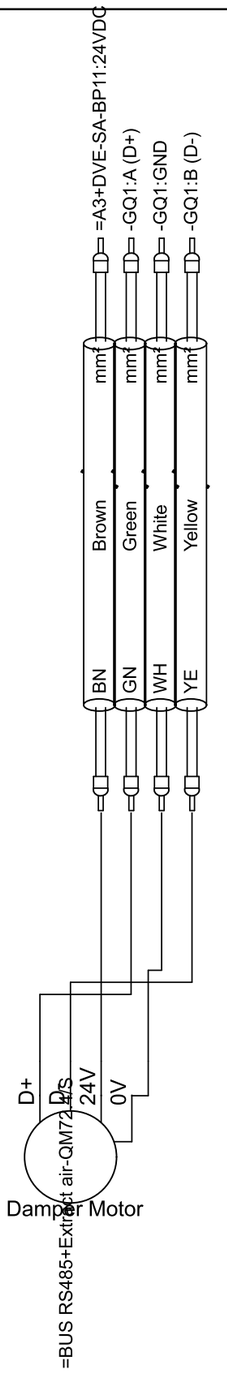
-W672.3/S

Remark: Extract 2
Cable-type:



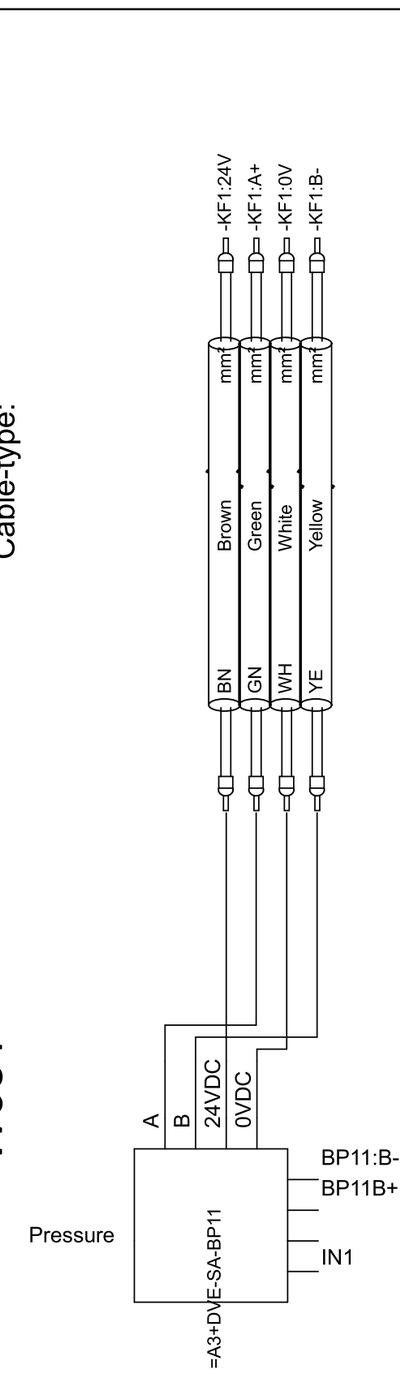
-W672.4/S

Remark: Extract 2
Cable-type:



-W681

Remark: DPT Supply
Cable-type:



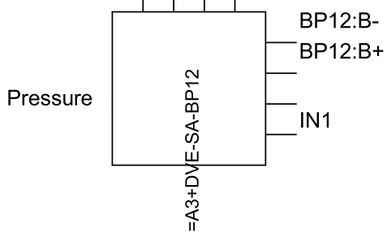
systemair	Geniox Access CU40 Controller	-W672.3/S, -W672.4/S, -W681	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 126
			Date: 17-11-2021 initials: MIKE	Total sheets: 41	Next sheet: 127

Cable Plan

-W682

Remark: DPT Extract
Cable-type:

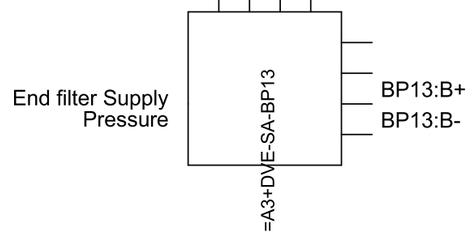
			Path	Sheet
1	Green	=A3+DVE-EA-BP2:A	8	30
2	Yellow	=A3+DVE-EA-BP2:B	8	30
3	Brown	=A3+DVE-EA-BP2:24VDC	8	30
4	White	=A3+DVE-EA-BP2:0VDC	8	30



-W683

Remark: End filter Supply
Cable-type:

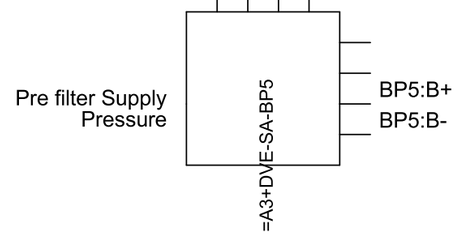
			Path	Sheet
BN	Brown	=BUS RS485+Extract air-QM32-1/S:24V	8	36
GN	Green	=BUS RS485+Extract air-QM32-1/S:D+	8	36
WH	White	=BUS RS485+Extract air-QM32-1/S:0V	8	36
YE	Yellow	=BUS RS485+Extract air-QM32-1/S:D-	8	36



-W685

Remark: Pre filter Supply
Cable-type:

			Path	Sheet
BN	Brown	=BUS RS485+Extract air-QM32-1/S:24V	6	36
GN	Green	=BUS RS485+Extract air-QM32-1/S:D+	5	36
WH	White	=BUS RS485+Extract air-QM32-1/S:0V	6	36
YE	Yellow	=BUS RS485+Extract air-QM32-1/S:D-	6	36

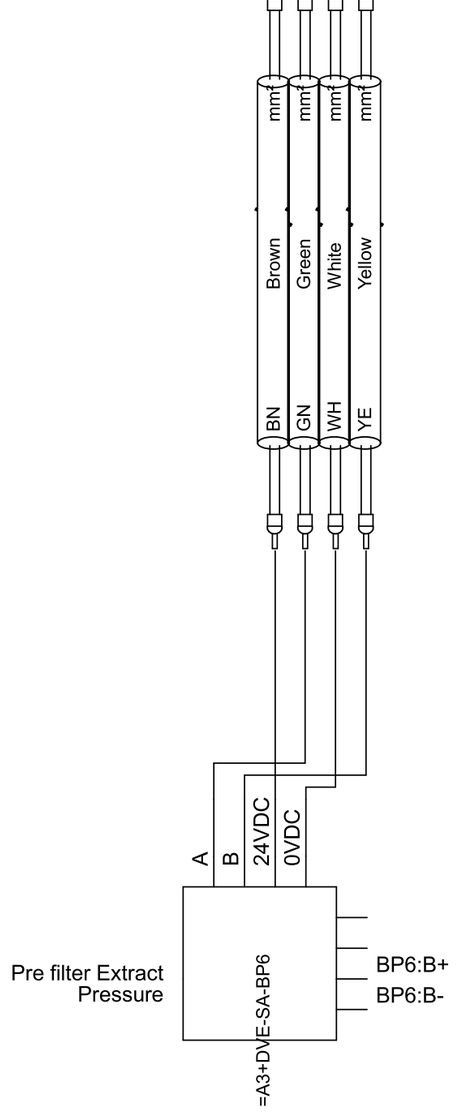


Cable Plan

-W686

Remark: Pre filter Extract
Cable-type:

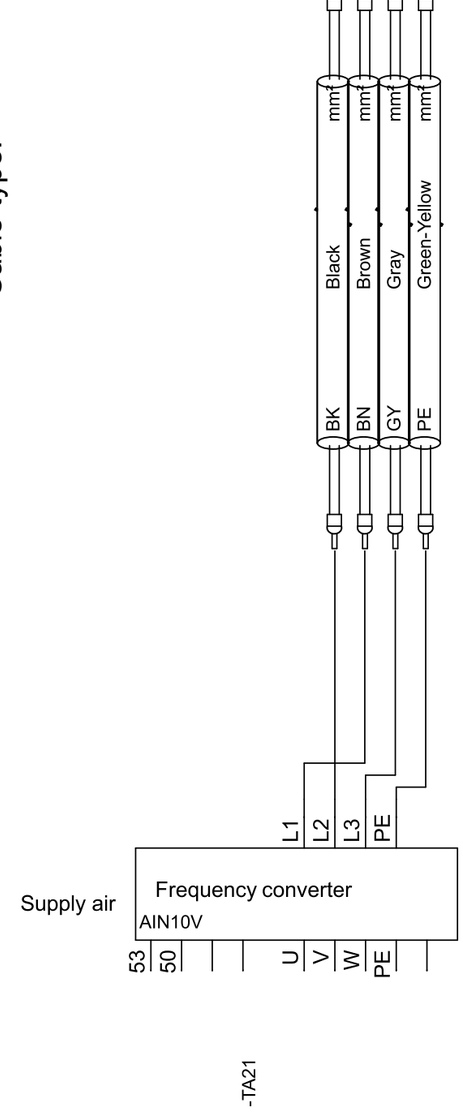
					Path	Sheet
BN	Brown	mm²	=A3+DVE-SA-BP11:24VDC		3	36
GN	Green	mm²	-GQ1:A (D+)		3	36
WH	White	mm²	-GQ1:GND		3	36
YE	Yellow	mm²	-GQ1:B (D-)		3	36



=A1-W121

Remark: Frequency converter
Cable-type:

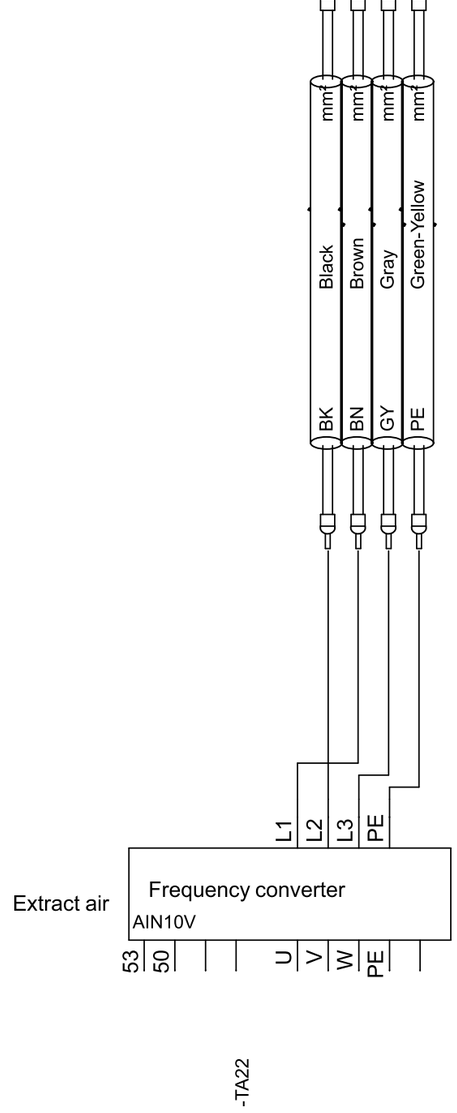
					Path	Sheet
BK	Black	mm²	+AC -F1:3		2	21
BN	Brown	mm²	+AC -F1:1		1	21
GY	Gray	mm²	+AC -F1:5		2	21
PE	Green-Yellow	mm²	-X1:PE		2	21



=A1-W122

Remark: Frequency converter
Cable-type:

					Path	Sheet
BK	Black	mm²	+AC -F2:3		2	22
BN	Brown	mm²	+AC -F2:1		1	22
GY	Gray	mm²	+AC -F2:5		2	22
PE	Green-Yellow	mm²	-X1:PE		2	22



systemair	Geniox Access CU40 Controller	-W686, -W121, -W122	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 128
			Date: 17-11-2021 initials: MIKE	Total sheets: 41	Next sheet: 129

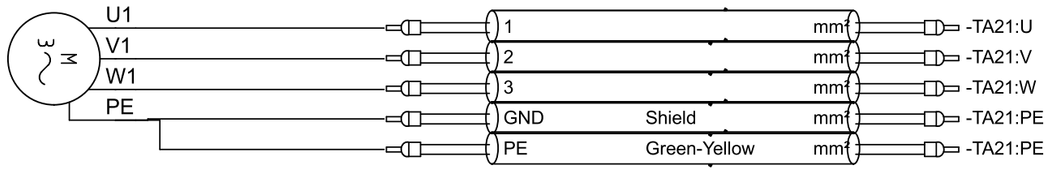
Cable Plan

=A1-W321

Remark: motor supply air
Cable-type:

-MA21

Single AC Supply air



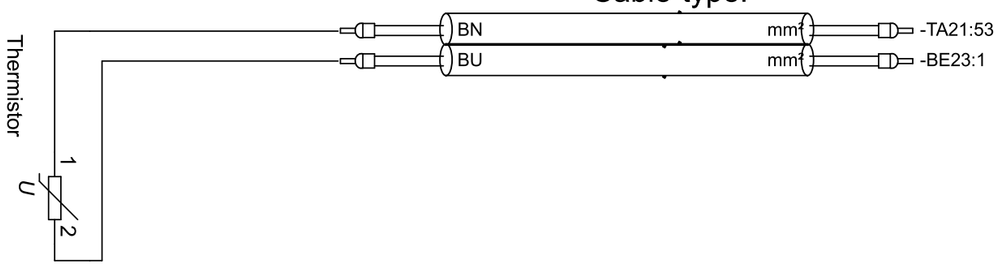
Sheet	Path
21	1
21	2
21	2
21	2
21	2

=A1-W321.1

Remark: Thermistor
Cable-type:

-BE21

Thermistor



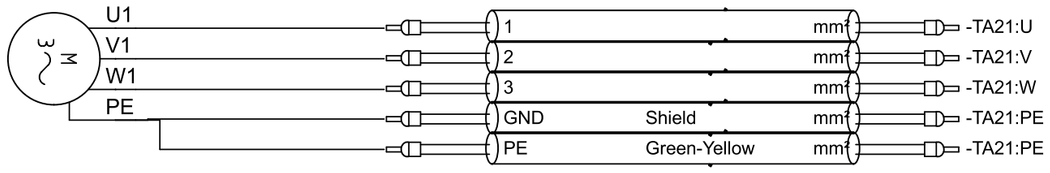
Sheet	Path
21	1
21	1

=A1-W323

Remark: motor supply air
Cable-type:

-MA23

Twin AC Supply air



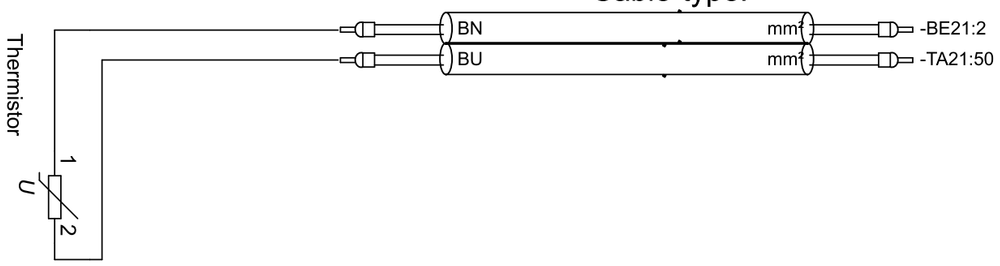
Sheet	Path
21	4
21	4
21	4
21	4
21	4

=A1-W323.1

Remark: Thermistor
Cable-type:

-BE23

Thermistor



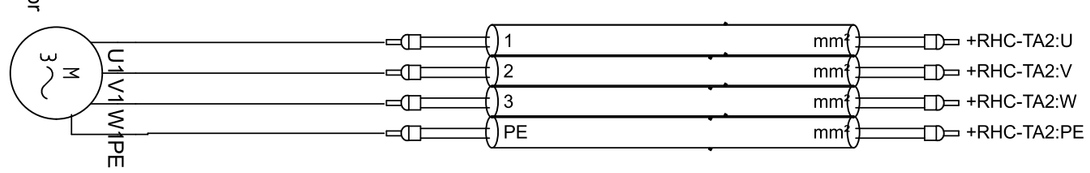
Sheet	Path
21	3
21	3

=A1-W332

Remark: Rotor Motor
Cable-type:

+RHC-MA42

Rotor Motor



Sheet	Path
37	6
37	6
37	7
37	7

systemair

Geniox
Access CU40 Controller

-W321, -W321.1, -W323, -W323.1, -W332

Project: Geniox-DV Control system 11.04.08 GB

Date: 17-11-2021

initials: MIKE

Rev.: 11.04.08

Total sheets: 41

Sheet: 129

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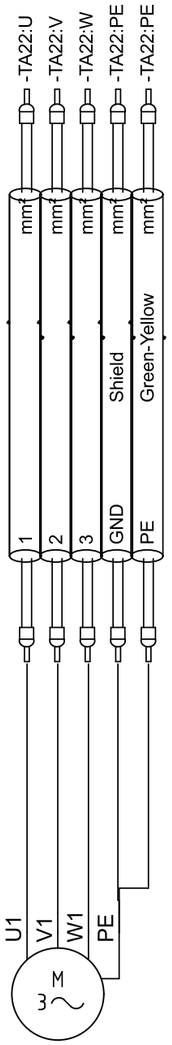
Cable Plan

	Sheet	Path
1	22	1
2	22	2
3	22	2
GND	22	2
PE	22	2

Remark: motor extract air
Cable-type:



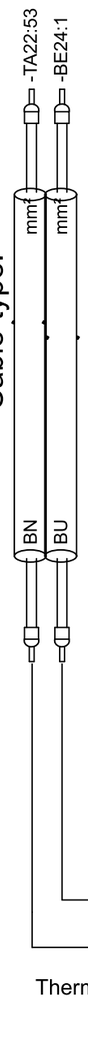
=A1-W422

Single AC Extract air

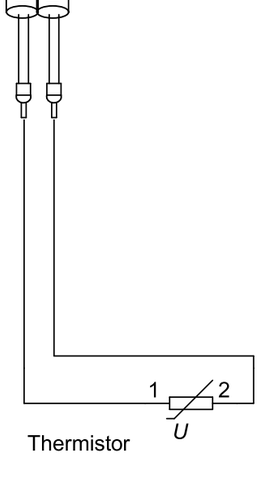
-MA22

	Sheet	Path
BN	22	1
BU	22	1

Remark: Thermistor
Cable-type:



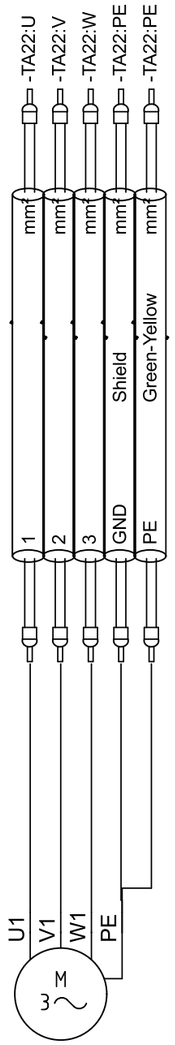
=A1-W422.1



-BE22

	Sheet	Path
1	22	4
2	22	4
3	22	4
GND	22	4
PE	22	4

Remark: motor extract air
Cable-type:



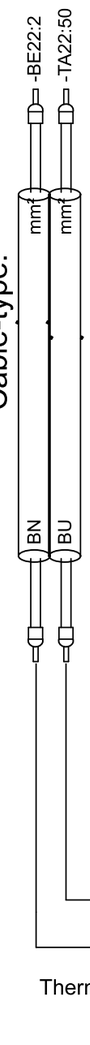
=A1-W424

Twin AC Extract air

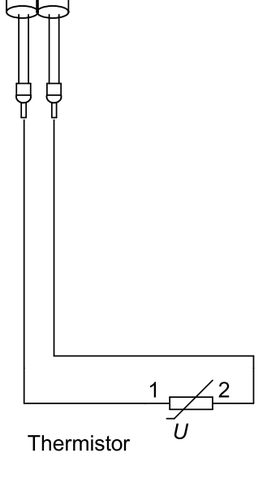
-MA24

	Sheet	Path
BN	22	3
BU	22	3

Remark: Thermistor
Cable-type:



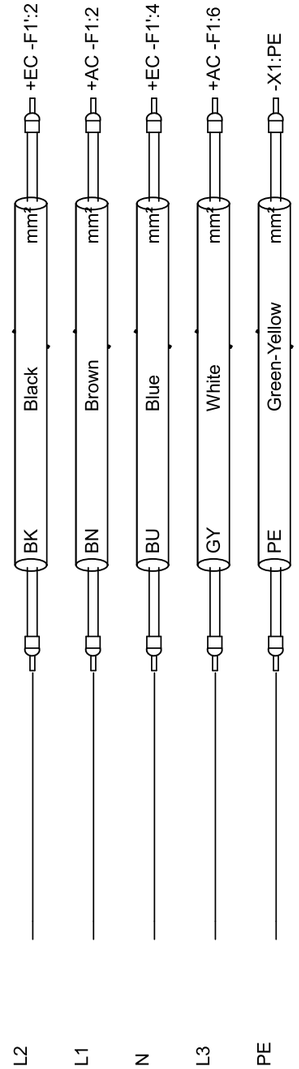
=A1-W424.1



-BE24

	Sheet	Path
BK	19	8
BN	19	8
BU	19	9
GY	19	9
PE	19	9

Remark: DVU-HP
Cable-type:



=A1-W529

=DVU-HP-DVU-HP L2
=DVU-HP-DVU-HP L1
=DVU-HP-DVU-HP N
=DVU-HP-DVU-HP L3
=DVU-HP-DVU-HP PE

-MA24

systemair	Geniox Access CU40 Controller	-W422, -W422.1, -W424, -W424.1, -W529	Project: Geniox-DV Control system 11.04.08 GB	Rev.: 11.04.08	Sheet: 130
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Cable Plan

	Sheet	Path
	37	6
	37	6
	37	6
	15	2
	15	2
	15	2
	17	4
	17	4
	17	4
	20	2
	20	3
	20	3

=A1-W532

Remark: Rotor sensor
Cable-type:

BK	mm²	+RHC-TA2:14	
BN	mm²	+RHC-TA2:16	
BU	mm²	+RHC-TA2:15	

Rotor sensor

14 15 16

+RHC-BG32

=A1-W550

Remark: Mixing pump
Cable-type:

BN	Brown	mm²	-T61:DO1
BU	Blue	mm²	-T61:N
PE	Green-Yellow	mm²	-T61:PE

Mixer pump 1

L1 N PE

M 1~

-GP50

=A1-W554

Remark: Cooling valve
Cable-type:

1	Black	mm²	-T72:0V
2	Gray	mm²	-T72:24V
3	Brown	mm²	-T72:AO2

Valve for cooling/
Change over

2 3 1

Modulating Motor

-QN54/QN56

=A1-W562

Remark: Mixing pump heater 2
Cable-type:

BN	Brown	mm²	-X2:6 (L)
BU	Blue	mm²	-X2:5 (N)
PE	Green-Yellow	mm²	-X2:PE

Heat
pump 2

L1 N PE

M 1~

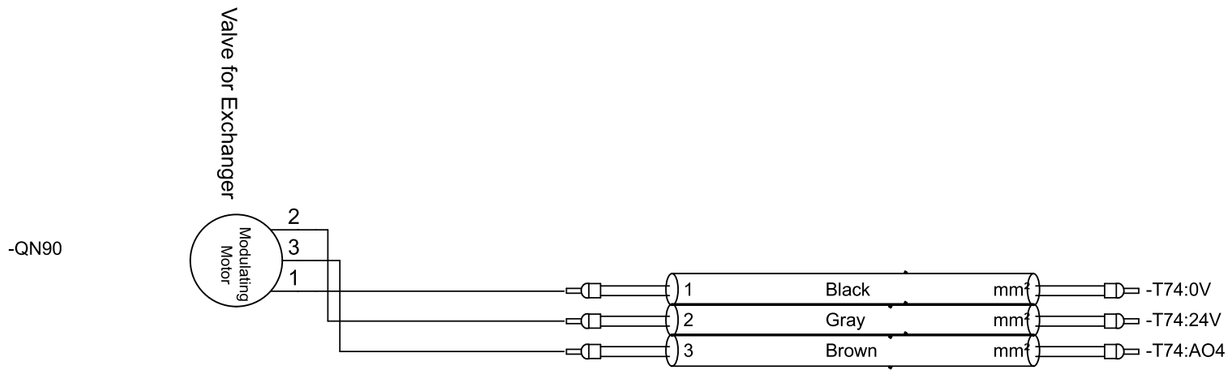
-GP62

systemair	Geniox Access CU40 Controller	-W532, -W550, -W554, -W562	Project: Geniox-DV Control system 11.04.08 GB		Rev.: 11.04.08	Sheet: 131
			Date: 17-11-2021	initials: MIKE	Total sheets: 41	Next sheet: 132

Cable Plan

=A1-W590

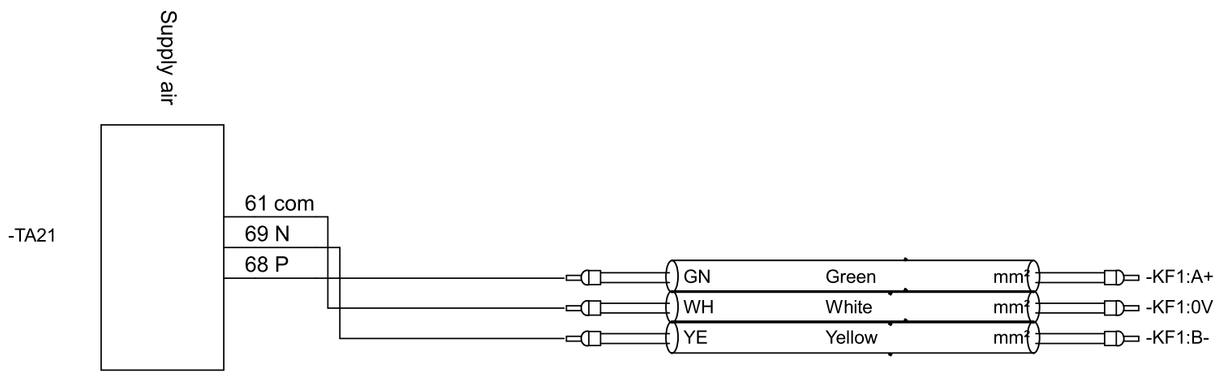
Remark: Exchanger
Cable-type:



Sheet	Path
18	1
18	1
18	1

=A1-W621

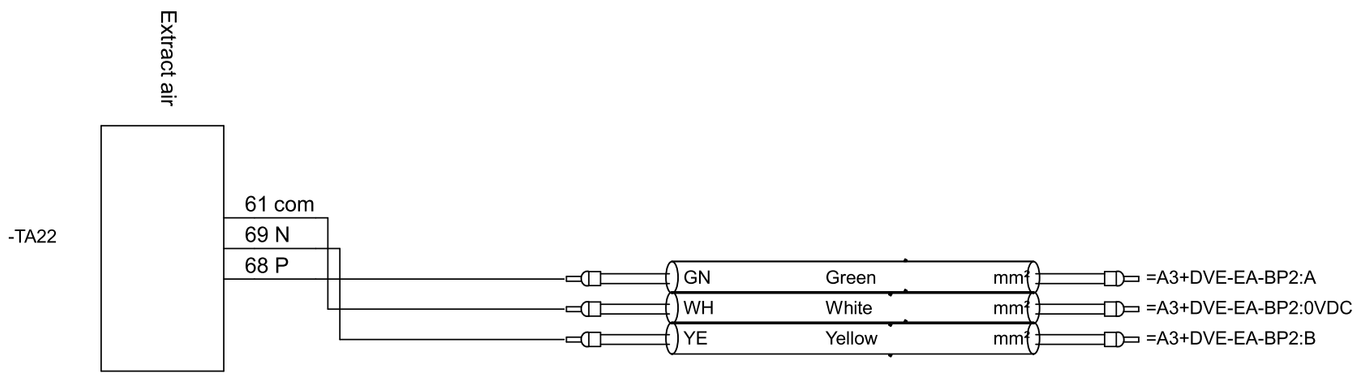
Remark: TA21 BUS
Cable-type: 4x0,6mm2



Sheet	Path
29	7
29	6
29	7

=A1-W622

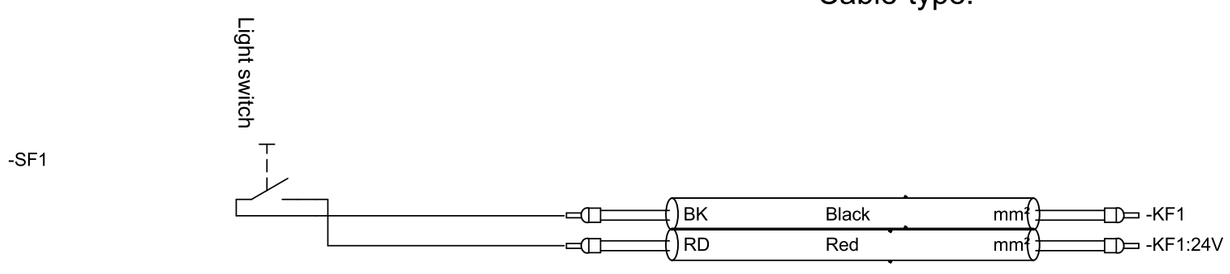
Remark: TA22 BUS
Cable-type:



Sheet	Path
30	7
30	6
30	7

=A1-W700

Remark: Light switch
Cable-type:



Sheet	Path
20	5
20	5

systemair

Geniox
Access CU40 Controller

-W590, -W621, -W622, -W700

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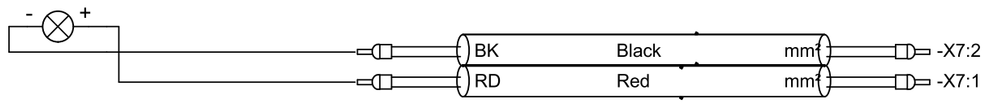
Cable Plan

=A1-W701

Remark: Light P20
Cable-type:

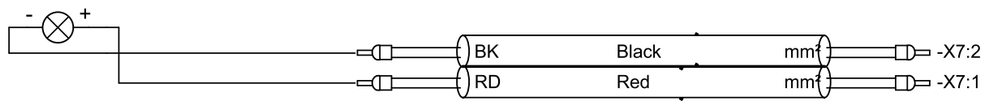
-EA1



=A1-W702

Remark: Light P20
Cable-type:

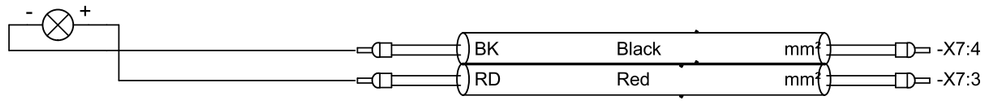
-EA2



=A1-W703

Remark: Light P20
Cable-type:

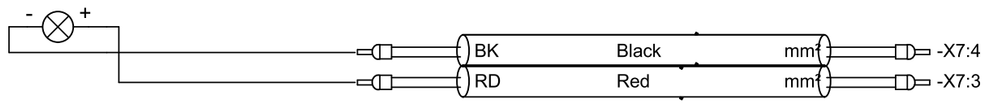
-EA3



=A1-W704

Remark: Light P21
Cable-type:

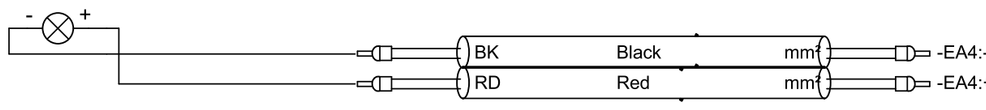
-EA4



=A1-W705

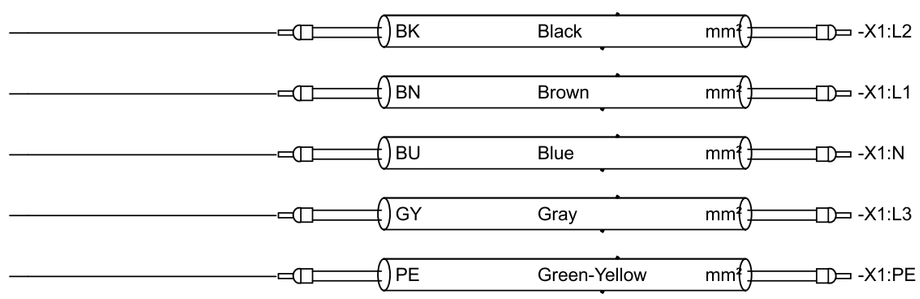
Remark: Light
Cable-type:

-EA5



=A1-W1000

Remark: Main power supply
Cable-type:



Sheet	Path
20	6
20	6
20	7
20	7
20	8
20	7
20	8
20	8
20	9
20	9
19	0
19	0
19	0
19	0
19	1

systemair

Geniox
Access CU40 Controller

-W701, -W702, -W703, -W704, -W705, -W1000

Project: Geniox-DV Control system 11.04.08 GB

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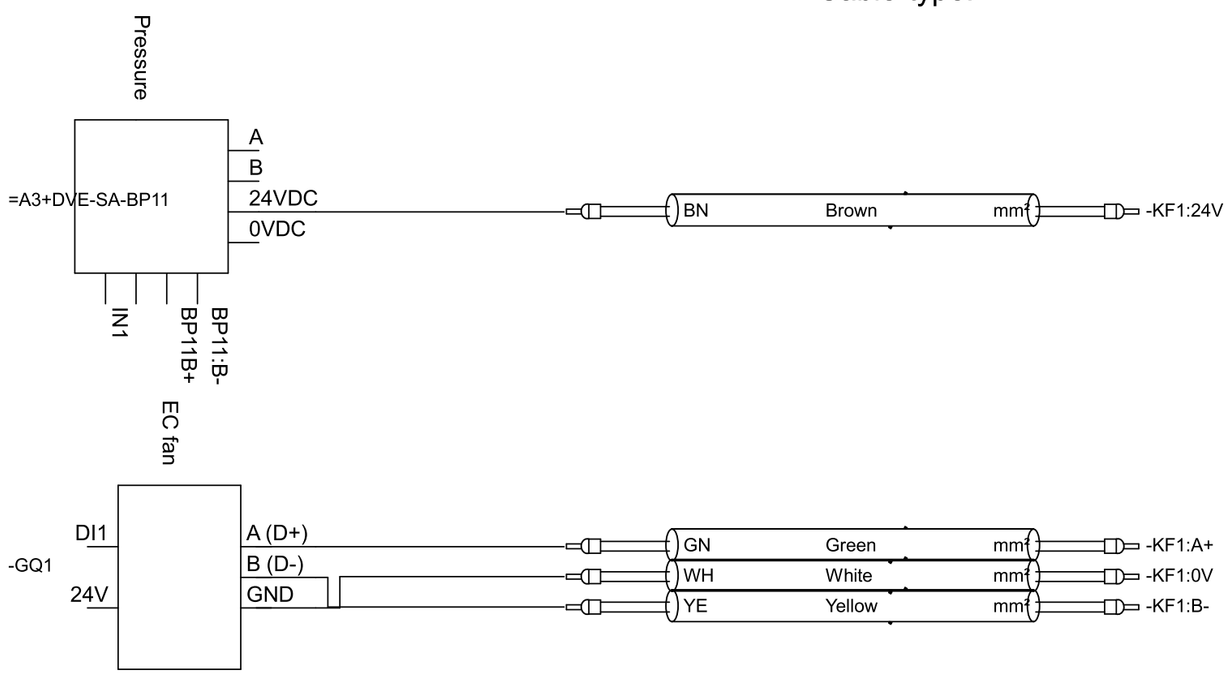
Cable Plan

=A1 controller-W661

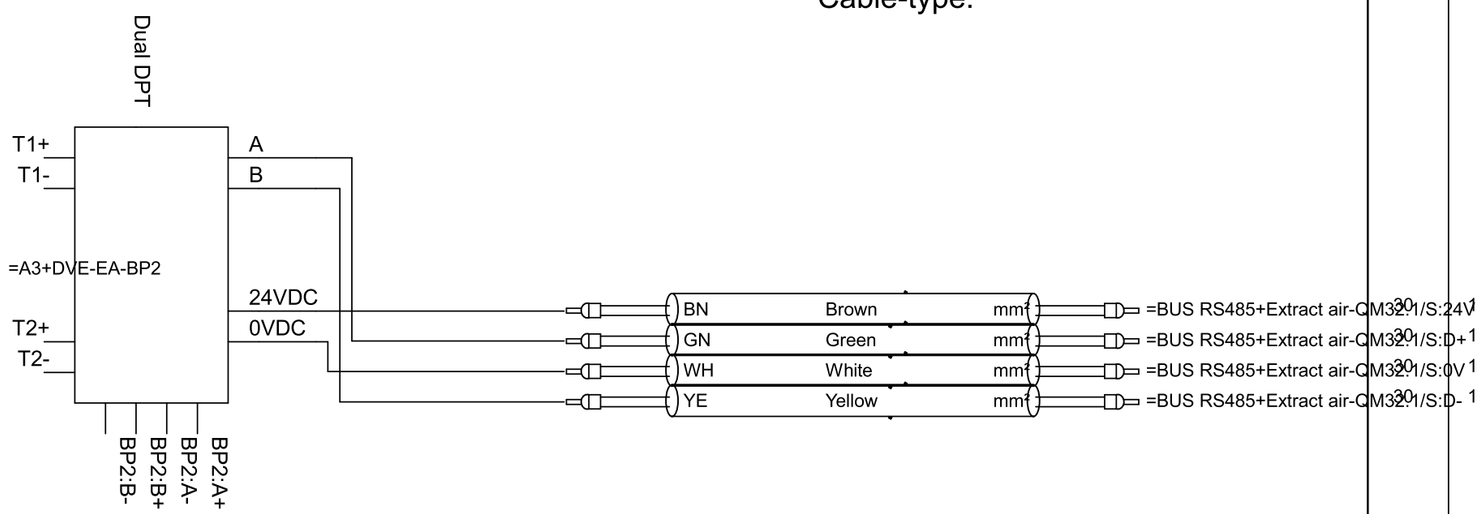
Remark: BP1 BUS
Cable-type:



Sheet	Path
29	1
29	1
29	1
29	1

=A1 controller-W662

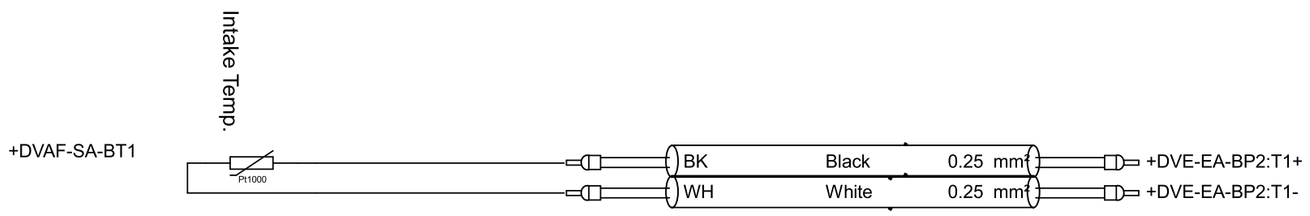
Remark: BP2 BUS
Cable-type:



Sheet	Path
30	1
30	1
30	1
30	1

=A3-W341

Remark: Intake Temp.
Cable-type: 2x0,25mm2



Sheet	Path
30	1
30	1

systemair

Geniox
Access CU40 Controller

-W661, -W662, -W341

Project:	Geniox-DV Control system 11.04.08 GB
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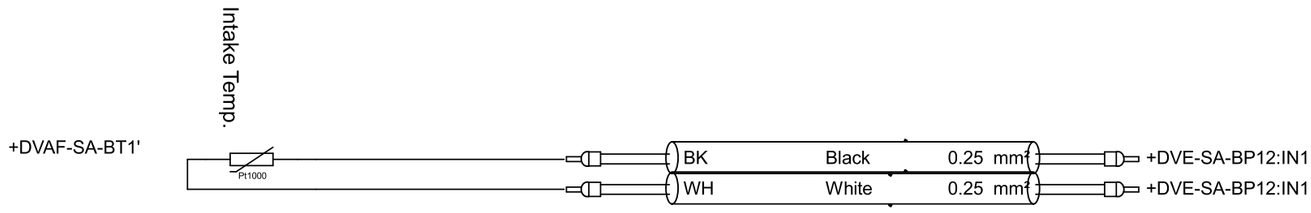
Cable Plan

=A3-W341'

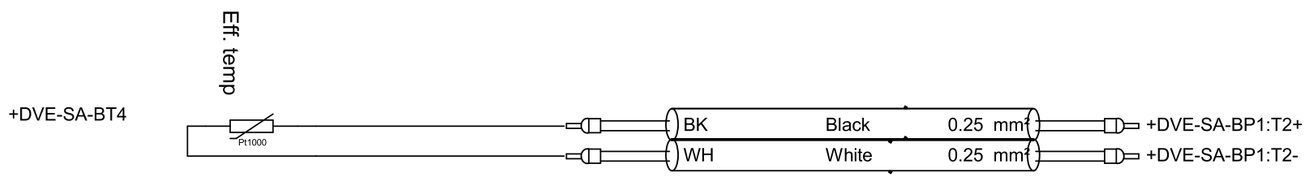
Remark: Intake Temp.
Cable-type: 2x0,25mm2



Sheet	Path
30	9
30	9

=A3-W343

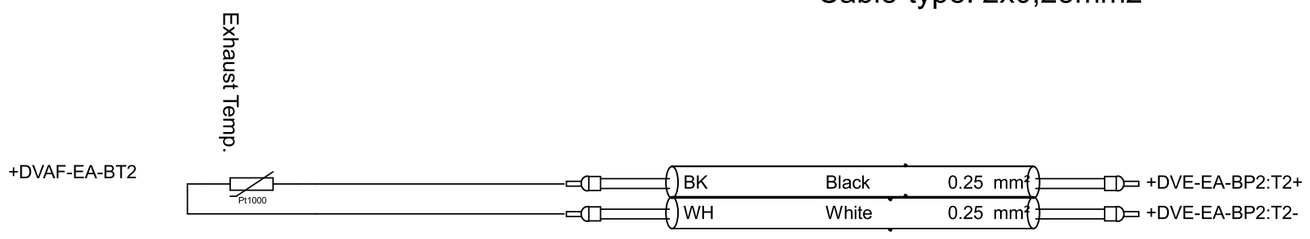
Remark: Effencicy temp.
Cable-type: 2x0,25mm2



Sheet	Path
29	1
29	2

=A3-W442

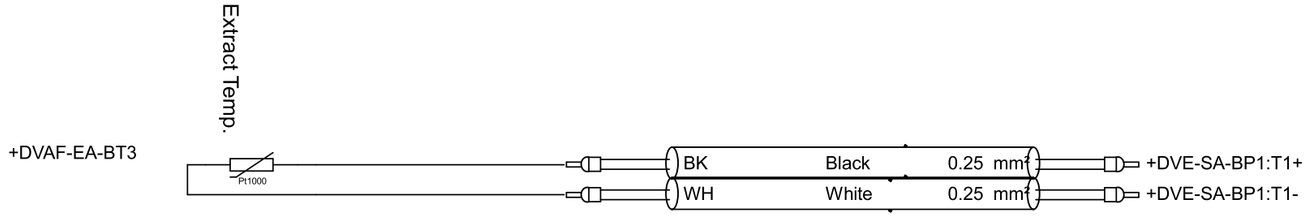
Remark: Exhaust air / de-ice
Cable-type: 2x0,25mm2



Sheet	Path
30	1
30	2

=A3-W444

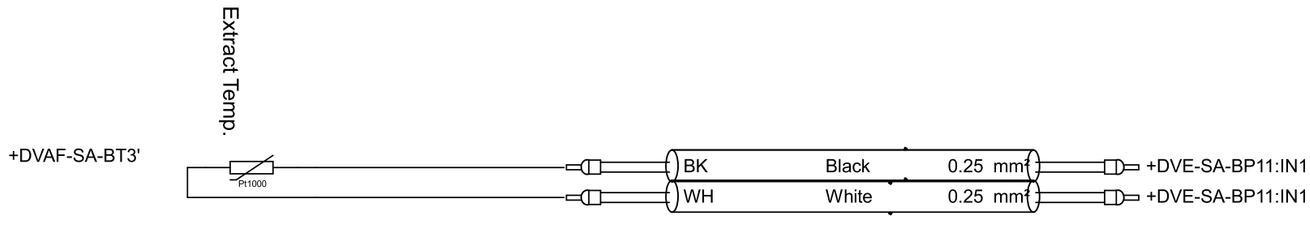
Remark: Extract Temp.
Cable-type: 2x0,25mm2



Sheet	Path
29	1
29	1

=A3-W444'

Remark: Extract Temp.
Cable-type: 2x0,25mm2



Sheet	Path
29	9
29	9

Geniox Access CU40 Controller

-W341', -W343, -W442, -W444, -W444'

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Sheet: 135

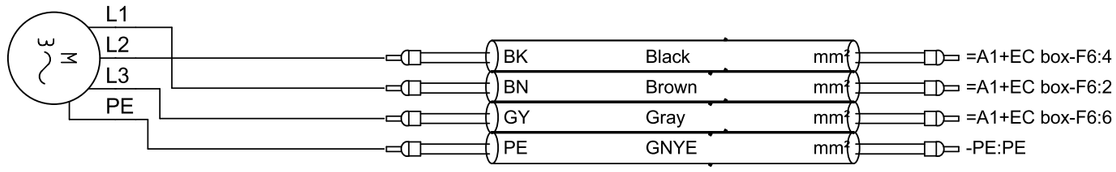
Next sheet: 136

Cable Plan

=EC box+Extract air-W102

Remark: motor supply air
Cable-type:

-GQ2

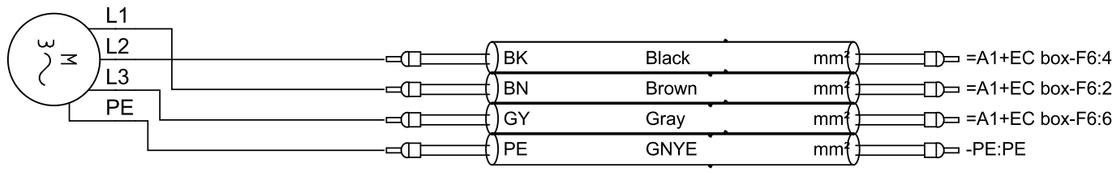


Sheet	Path
26	1
26	1
26	1
26	1

=EC box+Extract air-W104

Remark: motor supply air
Cable-type:

-GQ4

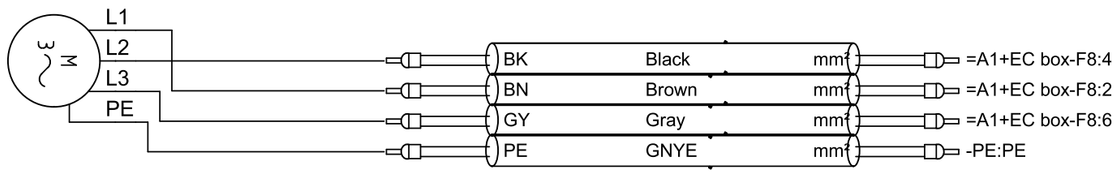


Sheet	Path
26	2
26	2
26	2
26	2

=EC box+Extract air-W106

Remark: motor supply air
Cable-type:

-GQ6

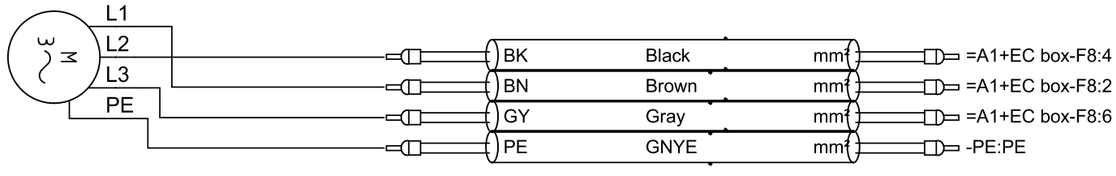


Sheet	Path
26	3
26	3
26	3
26	3

=EC box+Extract air-W108

Remark: motor supply air
Cable-type:

-GQ8

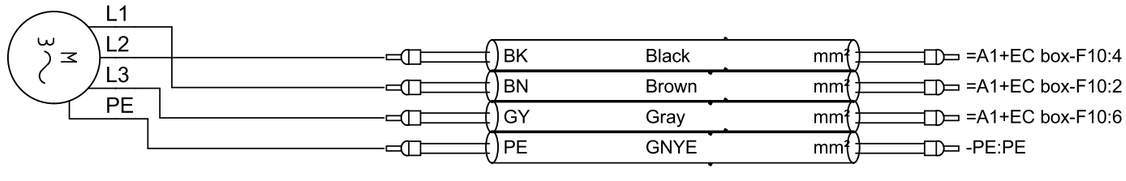


Sheet	Path
26	4
26	4
26	4
26	4

=EC box+Extract air-W110

Remark: motor supply air
Cable-type:

-GQ10

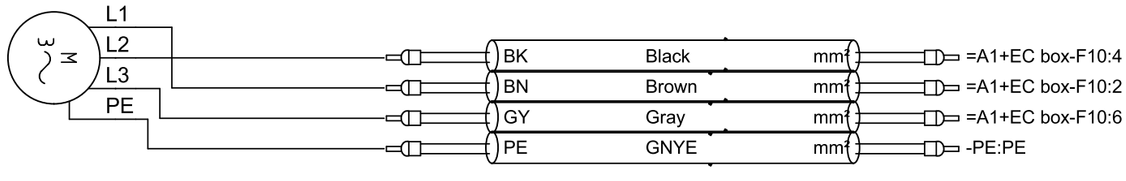


Sheet	Path
26	5
26	5
26	5
26	5

=EC box+Extract air-W112

Remark: motor supply air
Cable-type:

-GQ12



Sheet	Path
26	6
26	6
26	6
26	6

systemair

Geniox Access CU40 Controller

-W102, -W104, -W106, -W108, -W110, -W112

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Sheet: 136

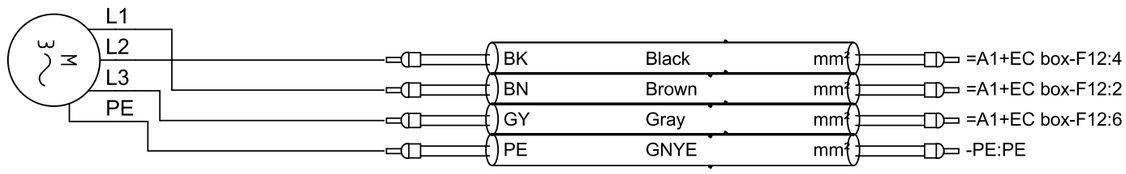
Next sheet: 137

Cable Plan

=EC box+Extract air-W114

Remark: motor supply air
Cable-type:

-GQ14

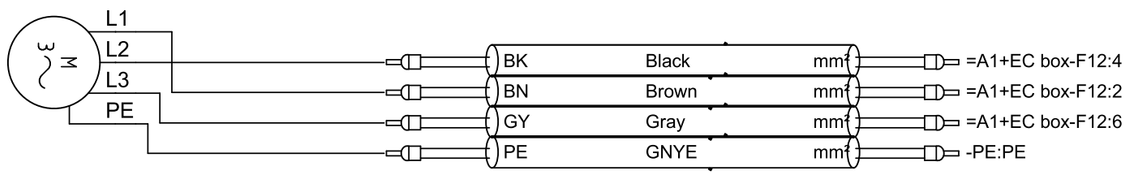


	Sheet	Path
=A1+EC box-F12:4	26	7
=A1+EC box-F12:2	26	7
=A1+EC box-F12:6	26	7
-PE:PE	26	7

=EC box+Extract air-W116

Remark: motor supply air
Cable-type:

-GQ16

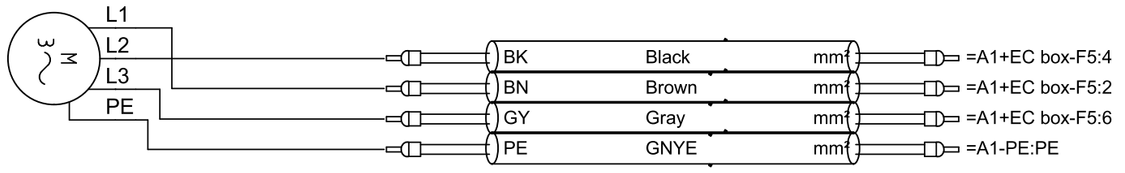


	Sheet	Path
=A1+EC box-F12:4	26	8
=A1+EC box-F12:2	26	8
=A1+EC box-F12:6	26	8
-PE:PE	26	8

=EC box+Supply air-W101

Remark: motor supply air
Cable-type:

= EC fan wall-GQ1

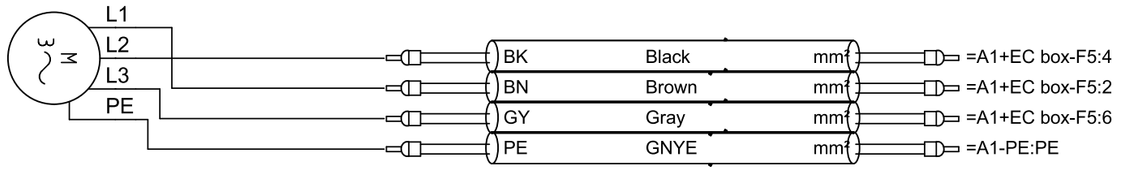


	Sheet	Path
=A1+EC box-F5:4	25	1
=A1+EC box-F5:2	25	1
=A1+EC box-F5:6	25	1
=A1-PE:PE	25	1

=EC box+Supply air-W103

Remark: motor supply air
Cable-type:

=EC fan wall-GQ3

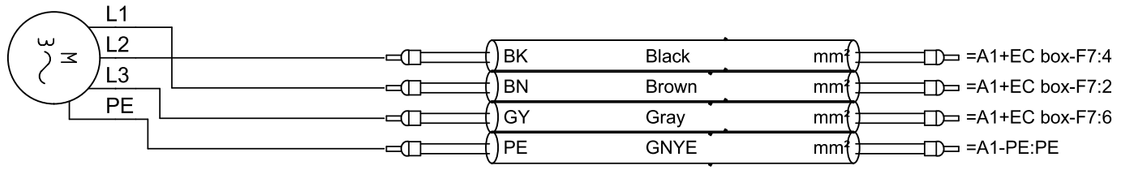


	Sheet	Path
=A1+EC box-F5:4	25	2
=A1+EC box-F5:2	25	2
=A1+EC box-F5:6	25	2
=A1-PE:PE	25	2

=EC box+Supply air-W105

Remark: motor supply air
Cable-type:

=EC fan wall-GQ5



	Sheet	Path
=A1+EC box-F7:4	25	3
=A1+EC box-F7:2	25	3
=A1+EC box-F7:6	25	3
=A1-PE:PE	25	3

systemair

Geniox
Access CU40 Controller

-W114, -W116, -W101, -W103, -W105

Project: Geniox-DV Control system 11.04.08 GB

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initials: MIKE

Rev.: 11.04.08

Total sheets: 41

Sheet: 137

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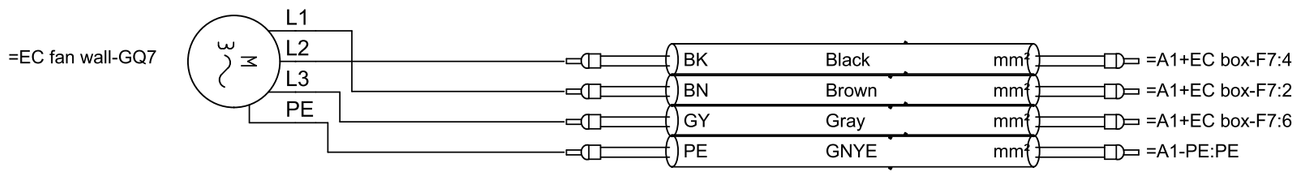
Cable Plan

=EC box+Supply air-W107

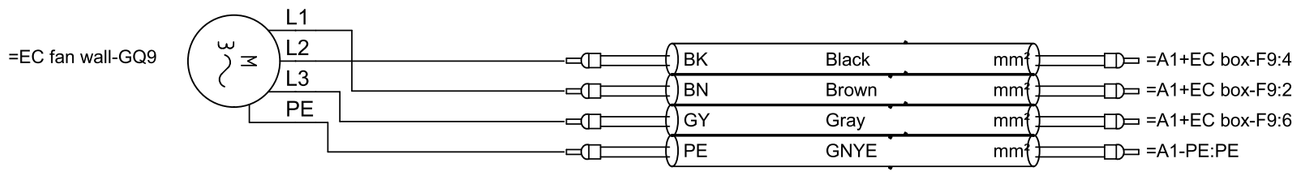
Remark: motor supply air
Cable-type:



Sheet	Path
25	4
25	4
25	4
25	4

=EC box+Supply air-W109

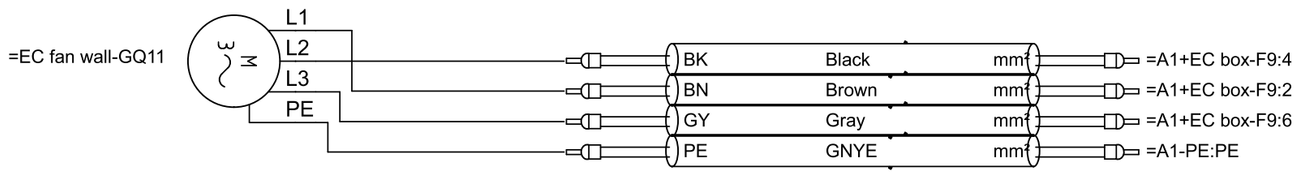
Remark: motor supply air
Cable-type:



Sheet	Path
25	5
25	5
25	5
25	5

=EC box+Supply air-W111

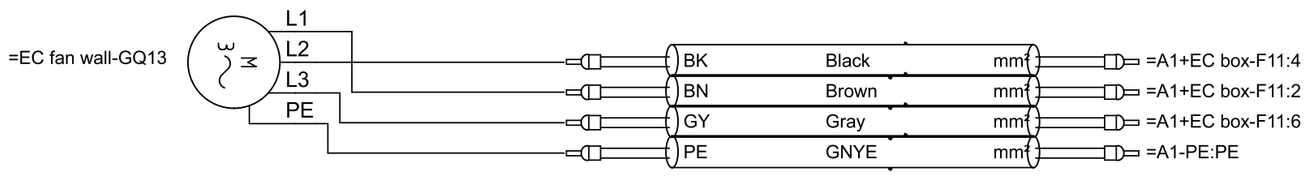
Remark: motor supply air
Cable-type:



Sheet	Path
25	6
25	6
25	6
25	6

=EC box+Supply air-W113

Remark: motor supply air
Cable-type:



Sheet	Path
25	7
25	7
25	7
25	7

systemair

Geniox
Access CU40 Controller

-W107, -W109, -W111, -W113

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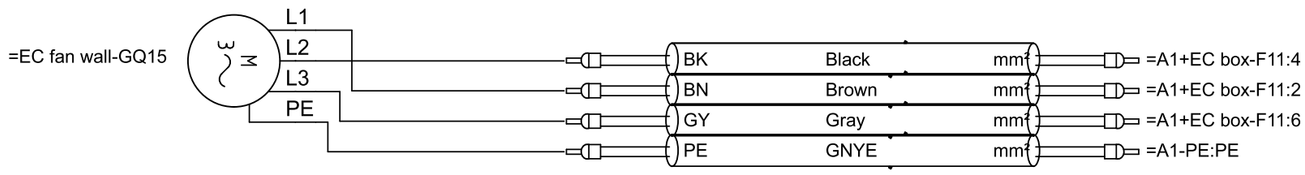
Cable Plan

=EC box+Supply air-W115

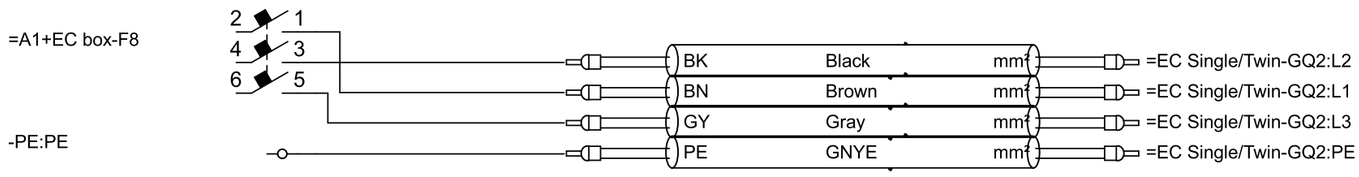
Remark: motor supply air
Cable-type:



Sheet	Path
25	8
25	8
25	8
25	8

=EC fan Array+Extract air-W102.1

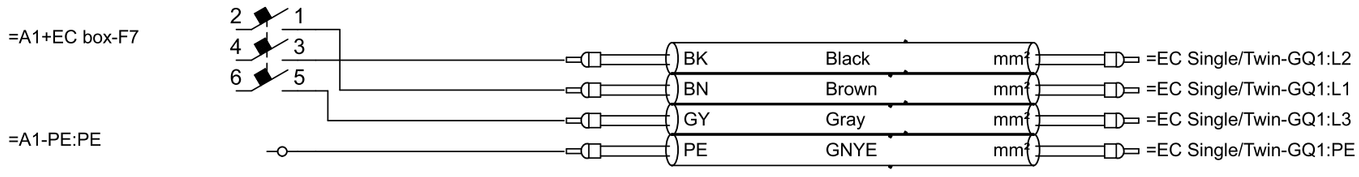
Remark:
Cable-type:



Sheet	Path
26	1
26	1
26	1
26	1

=EC fan Array+Supply air-W101.1

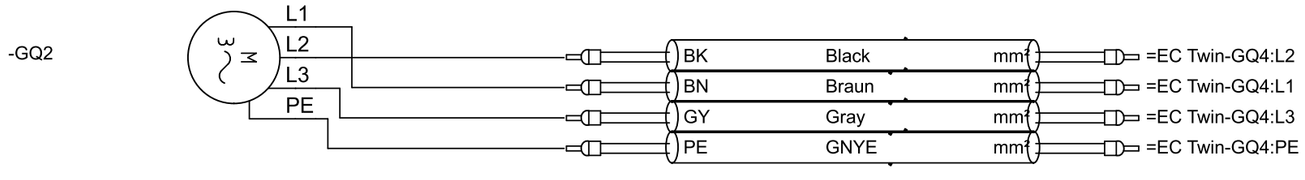
Remark:
Cable-type:



Sheet	Path
25	1
25	1
25	1
25	1

=EC Single/Twin+Extract air-W102

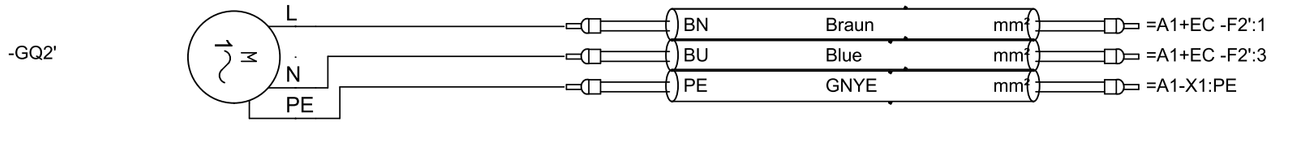
Remark: motor extract air
Cable-type:



Sheet	Path
24	2
24	2
24	2
24	2

=EC Single/Twin+Extract air-W102'

Remark: motor extract air
Cable-type:



Sheet	Path
24	6
24	7
24	7

systemair

Geniox
Access CU40 Controller

-W115, -W102.1, -W101.1, -W102, -W102'

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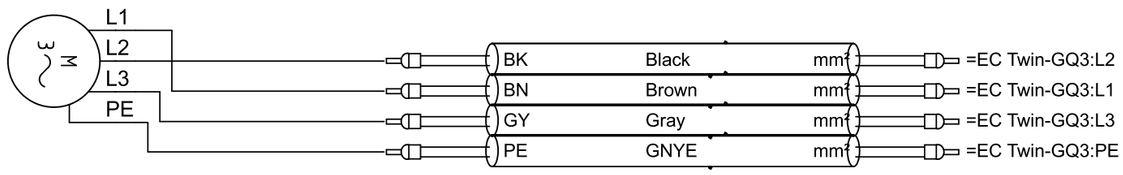
Cable Plan

=EC Single/Twin+Supply air-W101

Remark: motor supply air
Cable-type:

-GQ1

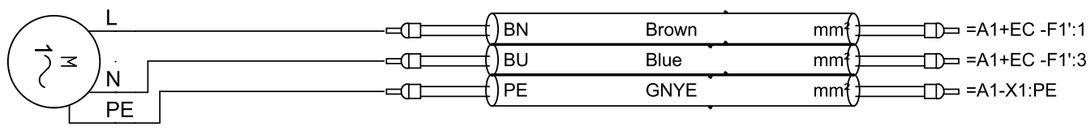


Sheet	Path
23	2
23	2
23	2
23	2

=EC Single/Twin+Supply air-W101

Remark: motor supply air
Cable-type:

-GQ1'

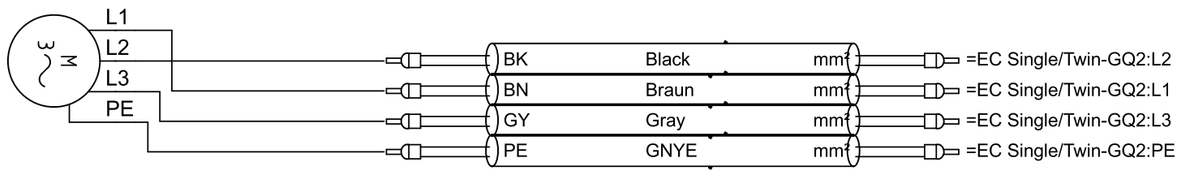


Sheet	Path
23	6
23	7
23	7

=EC Twin+Extract air-W104

Remark: motor extract air
Cable-type:

-GQ4

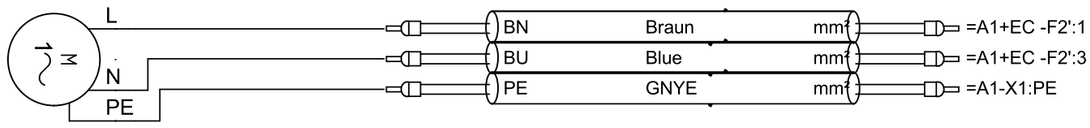


Sheet	Path
24	4
24	3
24	4
24	4

=EC Twin+Extract air-W104'

Remark: motor extract air
Cable-type:

-GQ4'

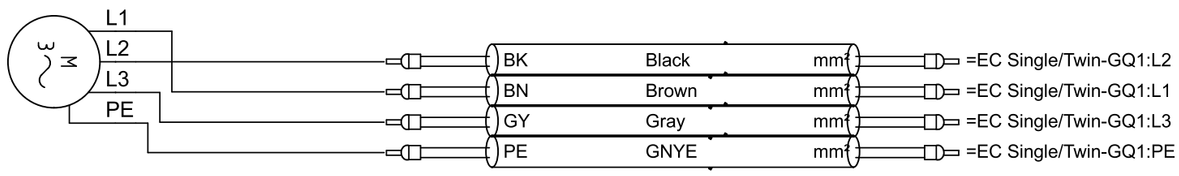


Sheet	Path
24	8
24	8
24	8

=EC Twin+Supply air-W103

Remark: motor supply air
Cable-type:

-GQ3

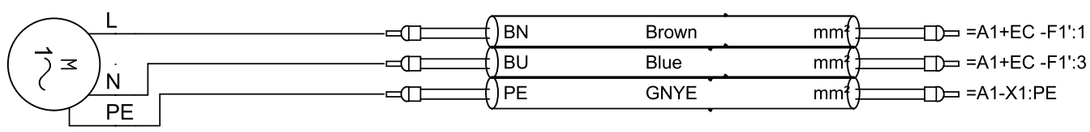


Sheet	Path
23	4
23	3
23	4
23	4

=EC Twin+Supply air-W103'

Remark: motor supply air
Cable-type:

-GQ3'



Sheet	Path
23	8
23	8
23	8

systemair

Geniox
Access CU40 Controller

-W101, -W101', -W104, -W104', -W103, -W103'

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