

Geniox/DV Control system 04.04

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Cable plan: page 100-133

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.

Data over AHU unit.

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:	10 kAmps

Manufacturer:

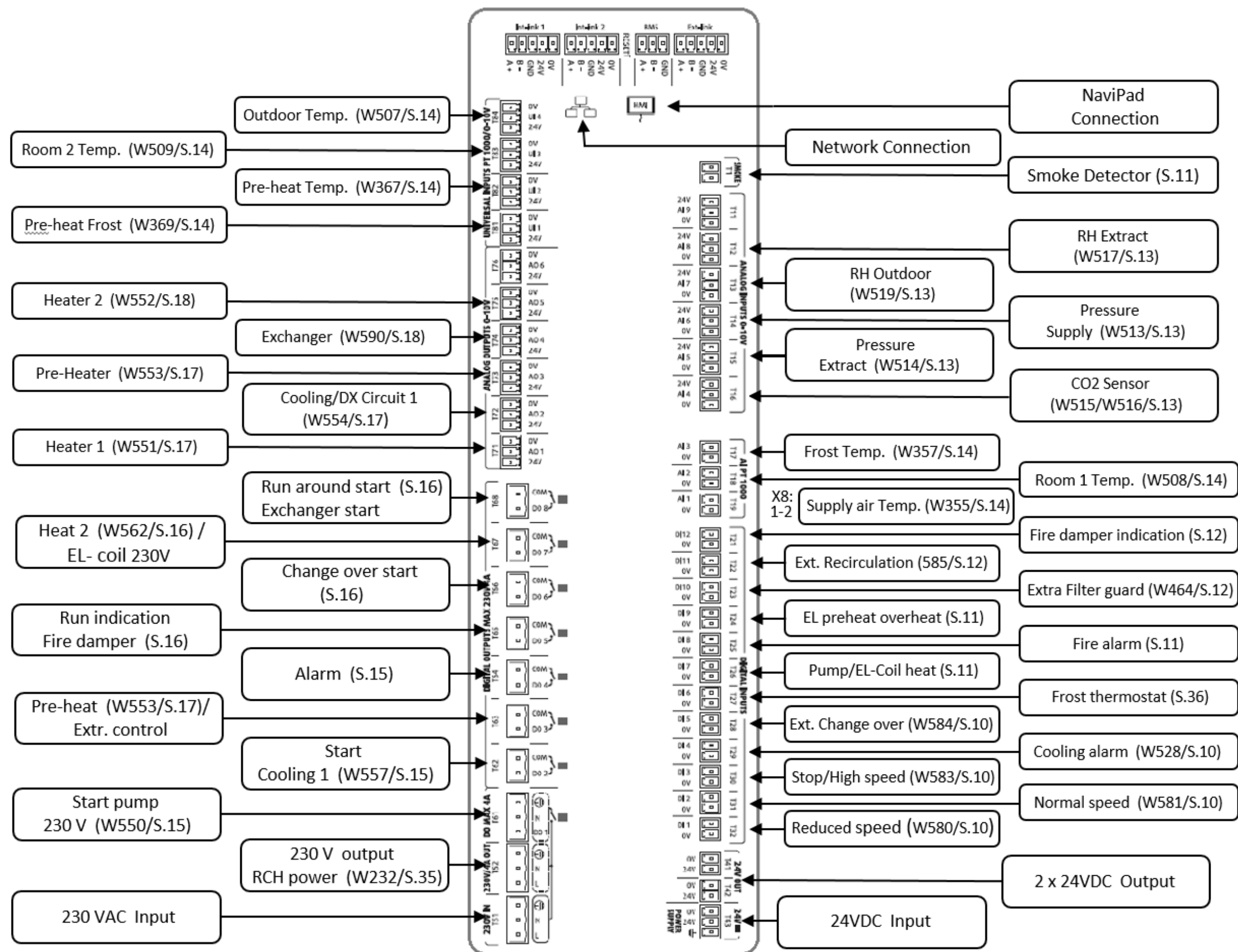
Systemair A/S, Denmark
Ved Milepælen 7
8361 Hasselager



Geniox
Access CU 40-C

Frontpage

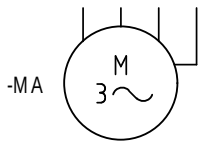
Project:	Geniox-DV Control system 04.04		Rev.: 01.00	Sheet: 1
Date:	27-11-2018	initials: MIKE	Total sheets: 4	Next sheet: 2



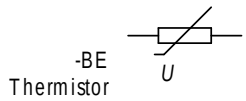
Symbols are according to IEC 60617.
On the following 2 pages there are descriptions of used symbols in the project.

Wire Colour code

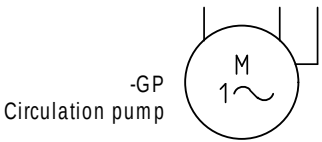
Black - BK
Brown - BN
Red - RD
Yellow - YE
Green - GN
Blue - BU
Violet - VT
Gray - GY
White - WH
Pink - PK
Transparent - TP
Green/Yellow - PE



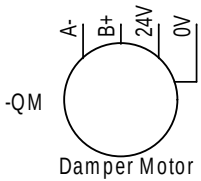
Motor



Thermistor



Cirkulation pump



Damper motor



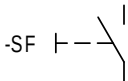
References



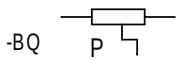
Terminal



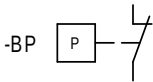
Lamp



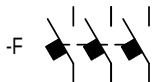
Switchgear



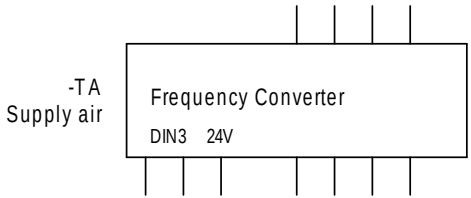
Pressure transmitter



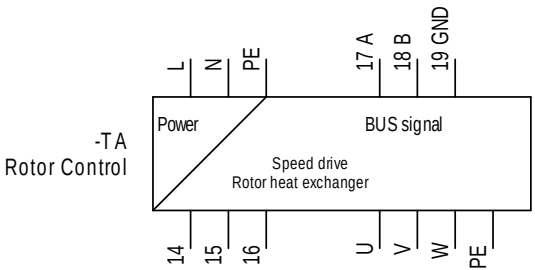
Pressure Switch



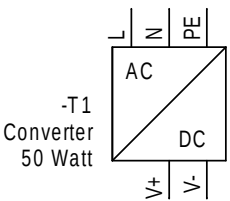
Automatic tripping,



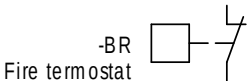
Frequency converter



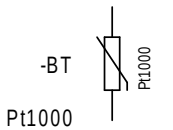
Rotary heat exchanger



DC Powersupply



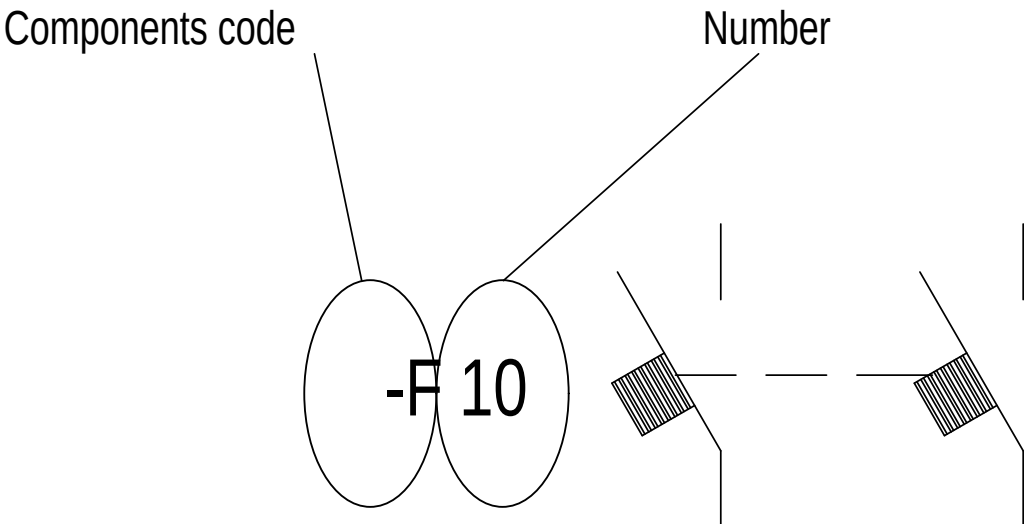
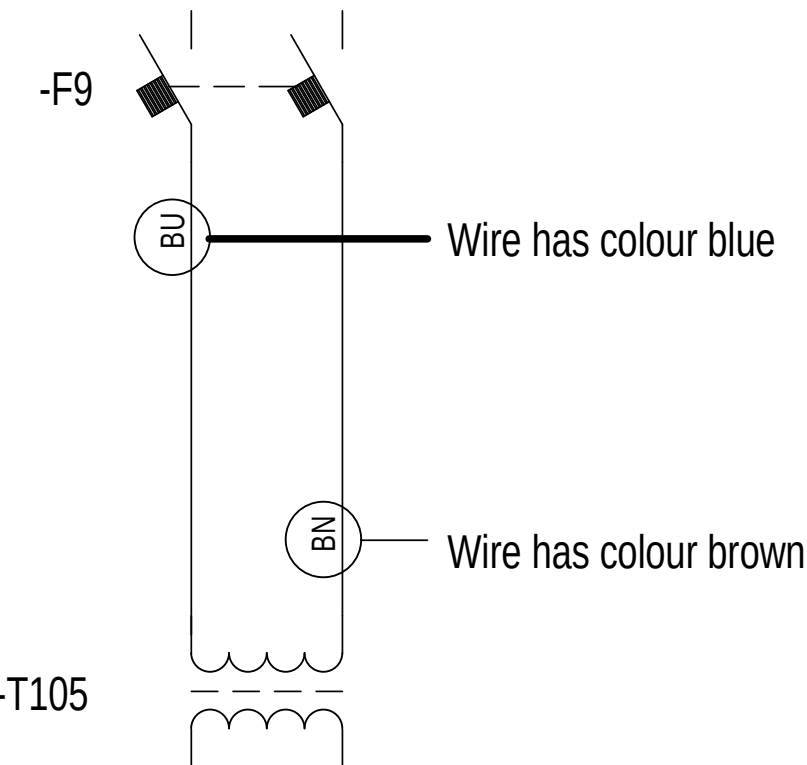
fireguard

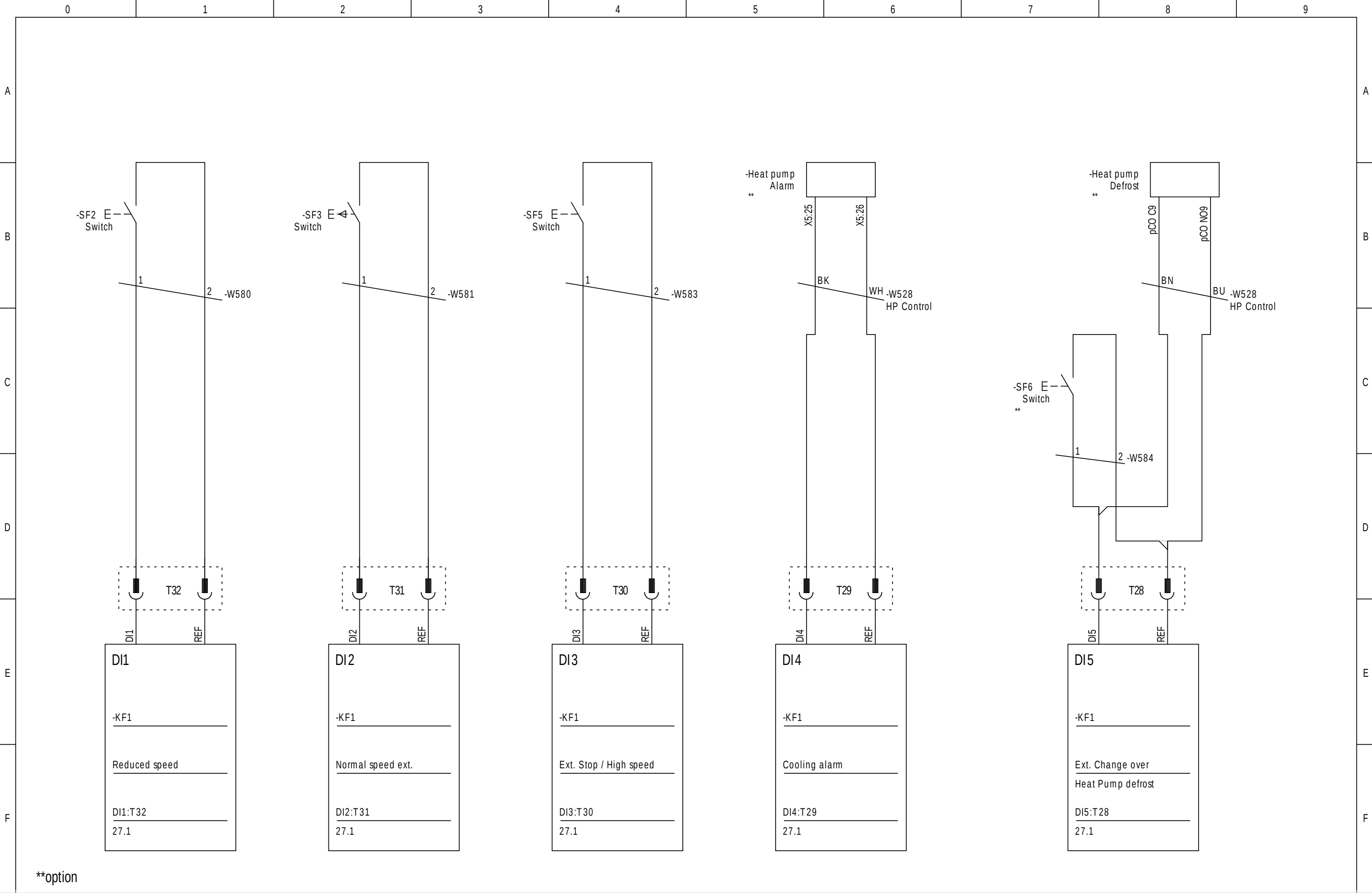


Temperature (measuring)

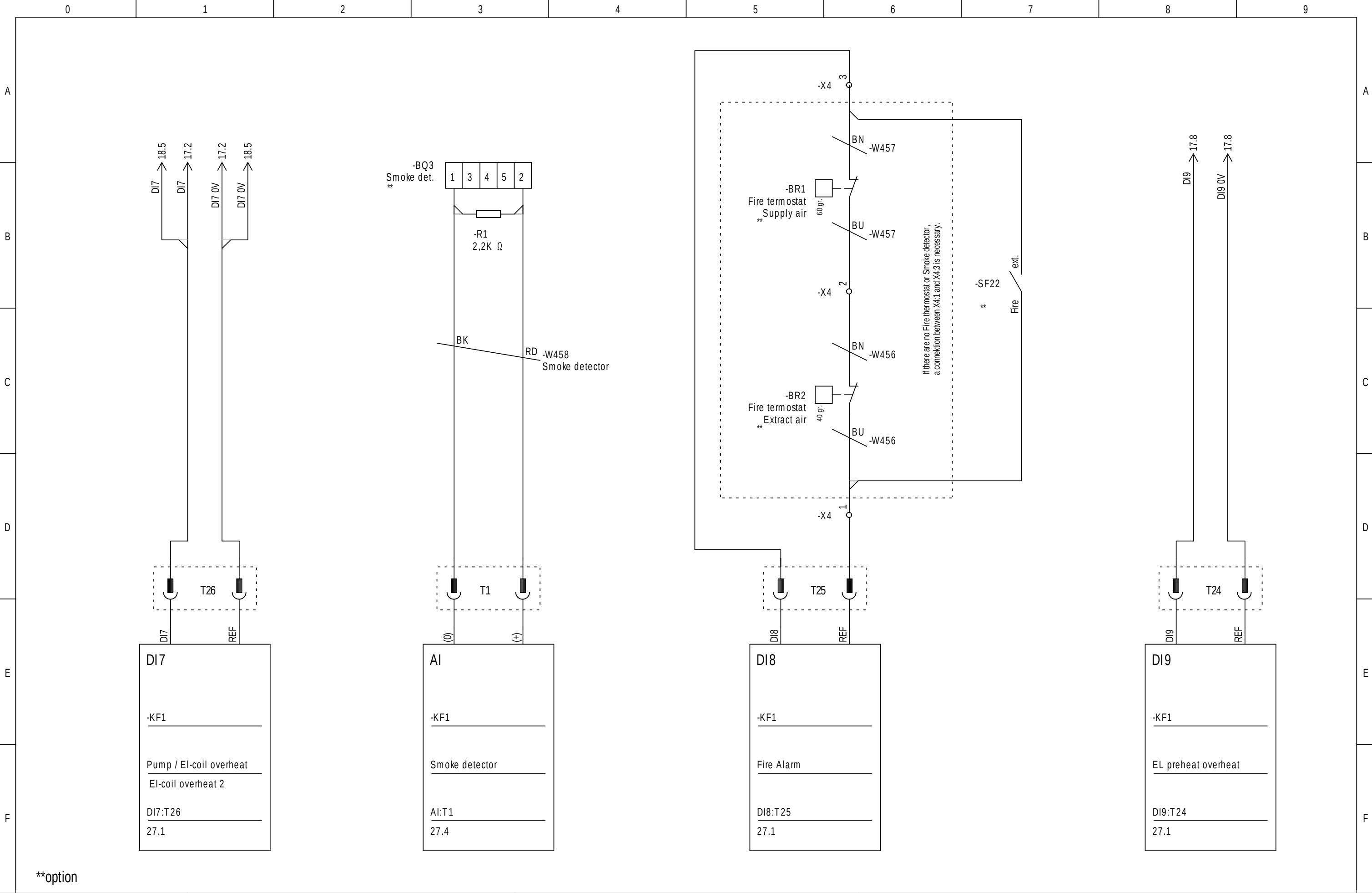
Labeling of wires
Cables are marked with
terminal name

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

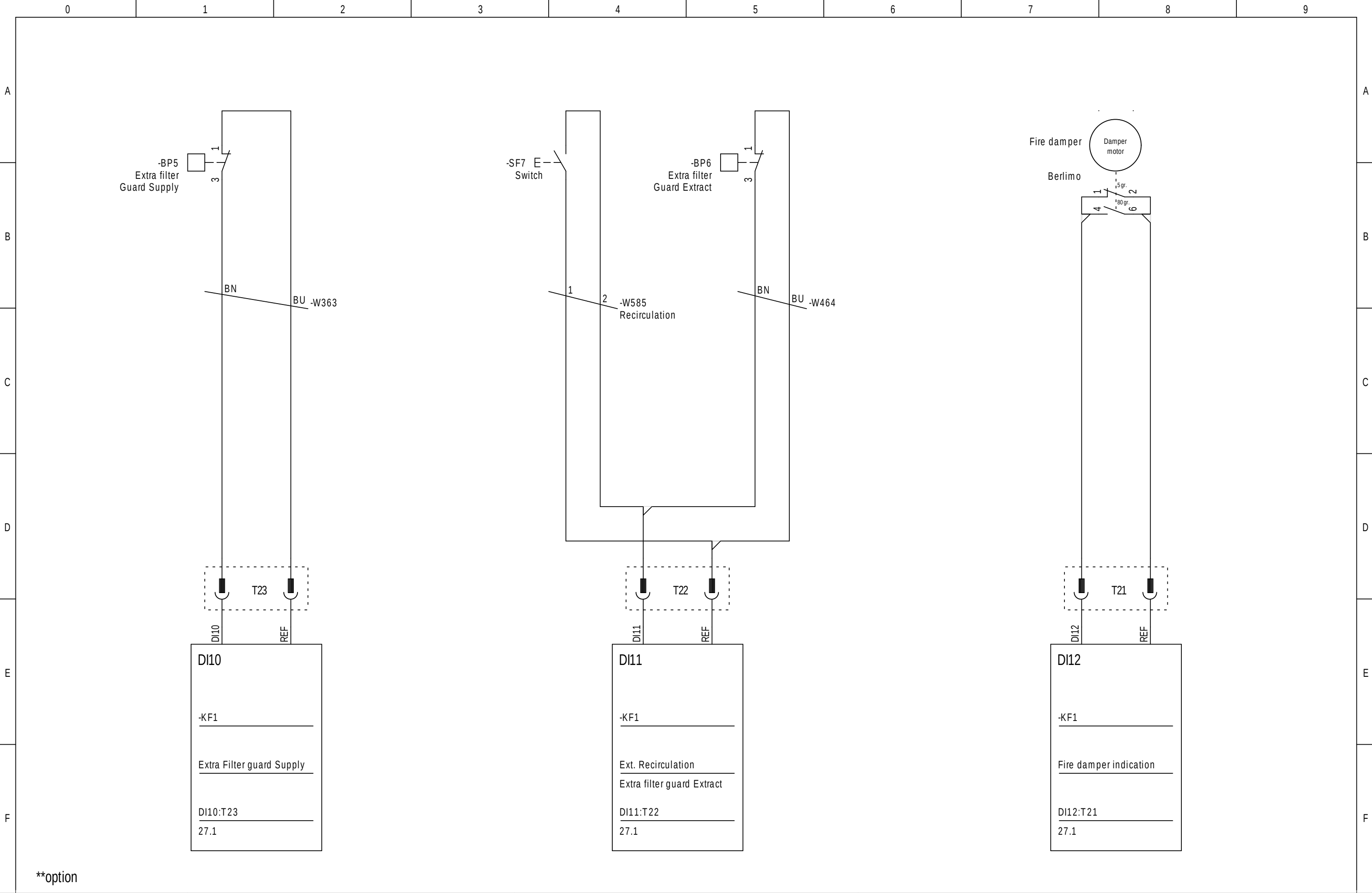




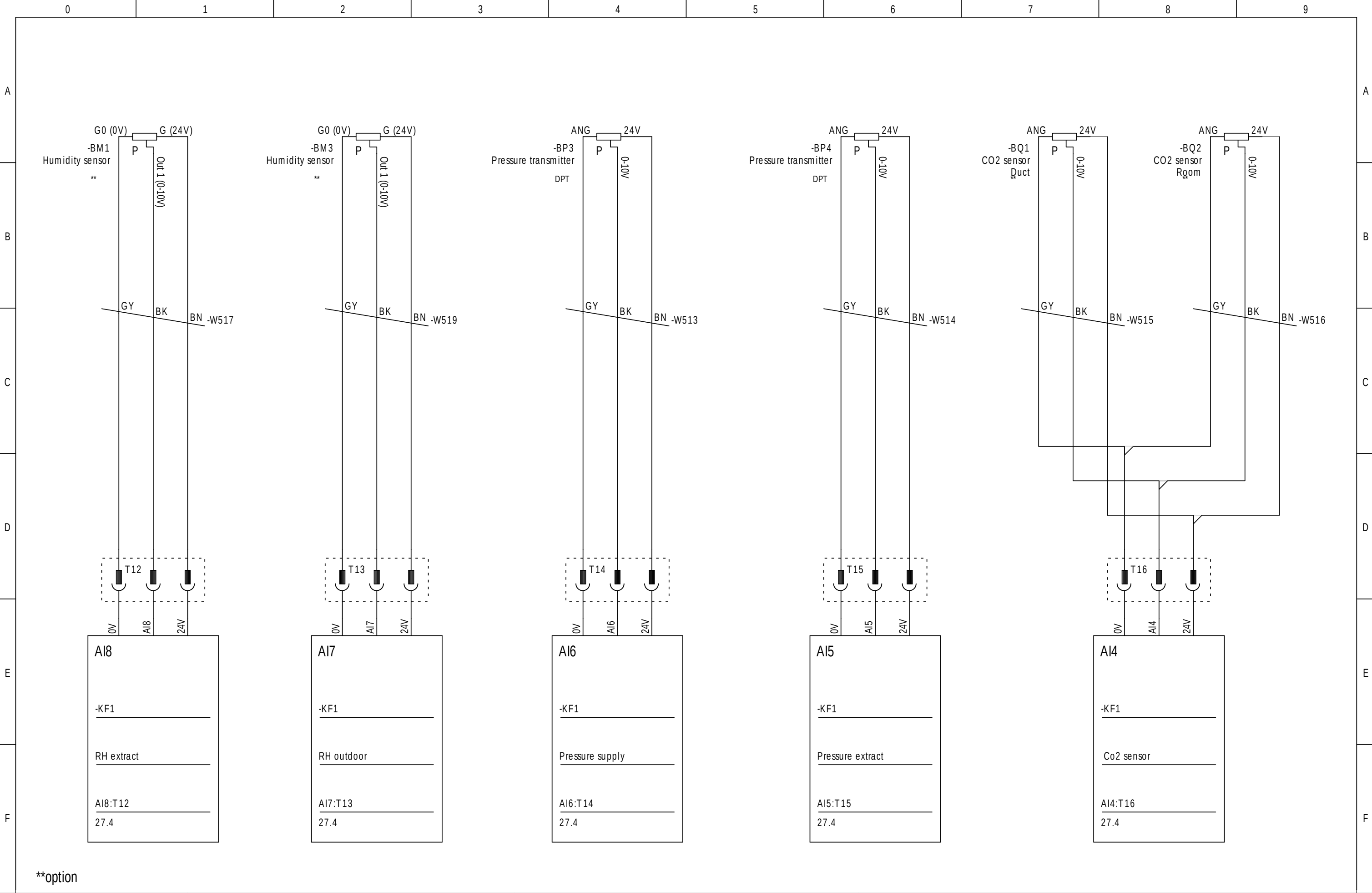
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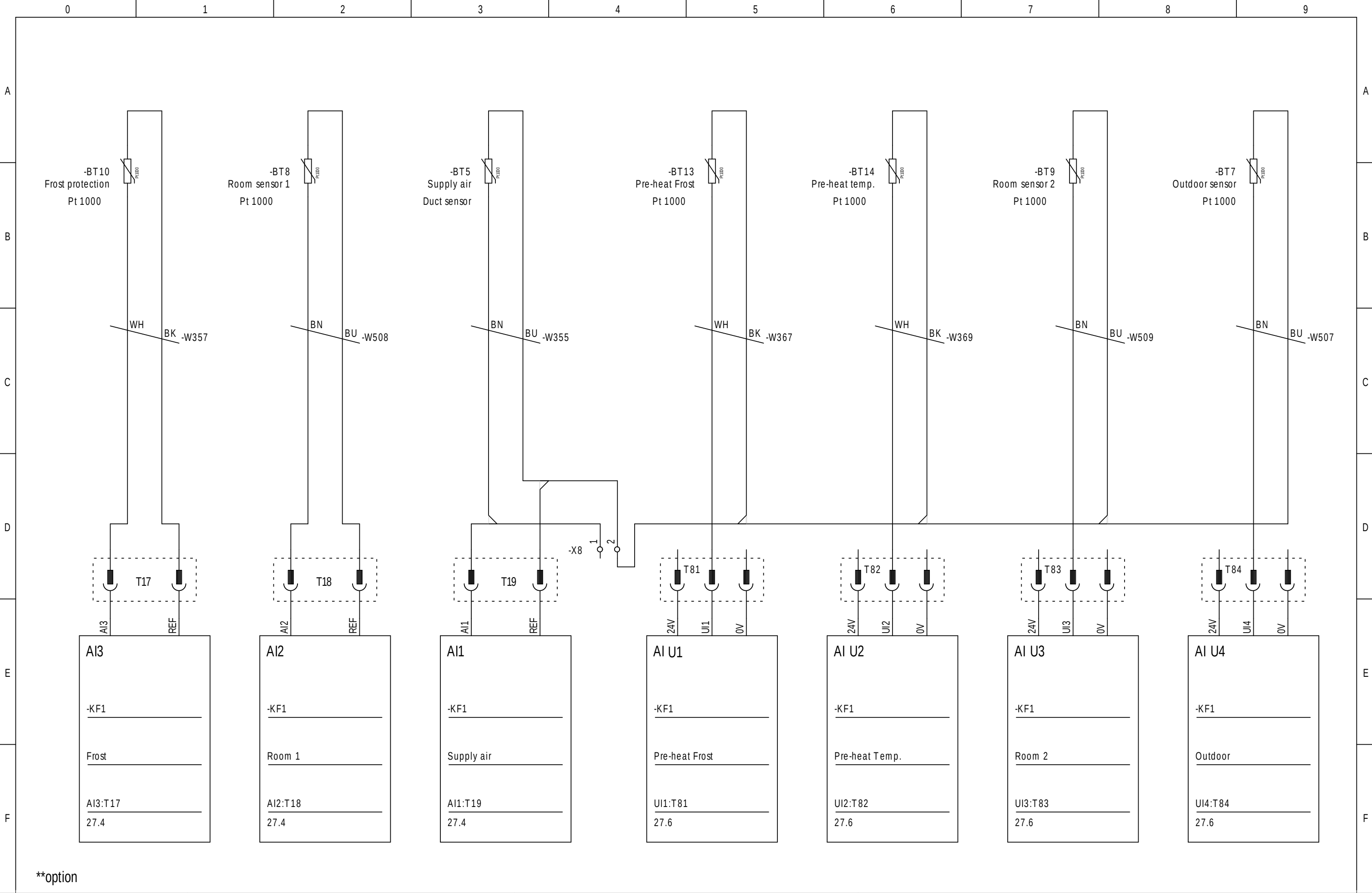
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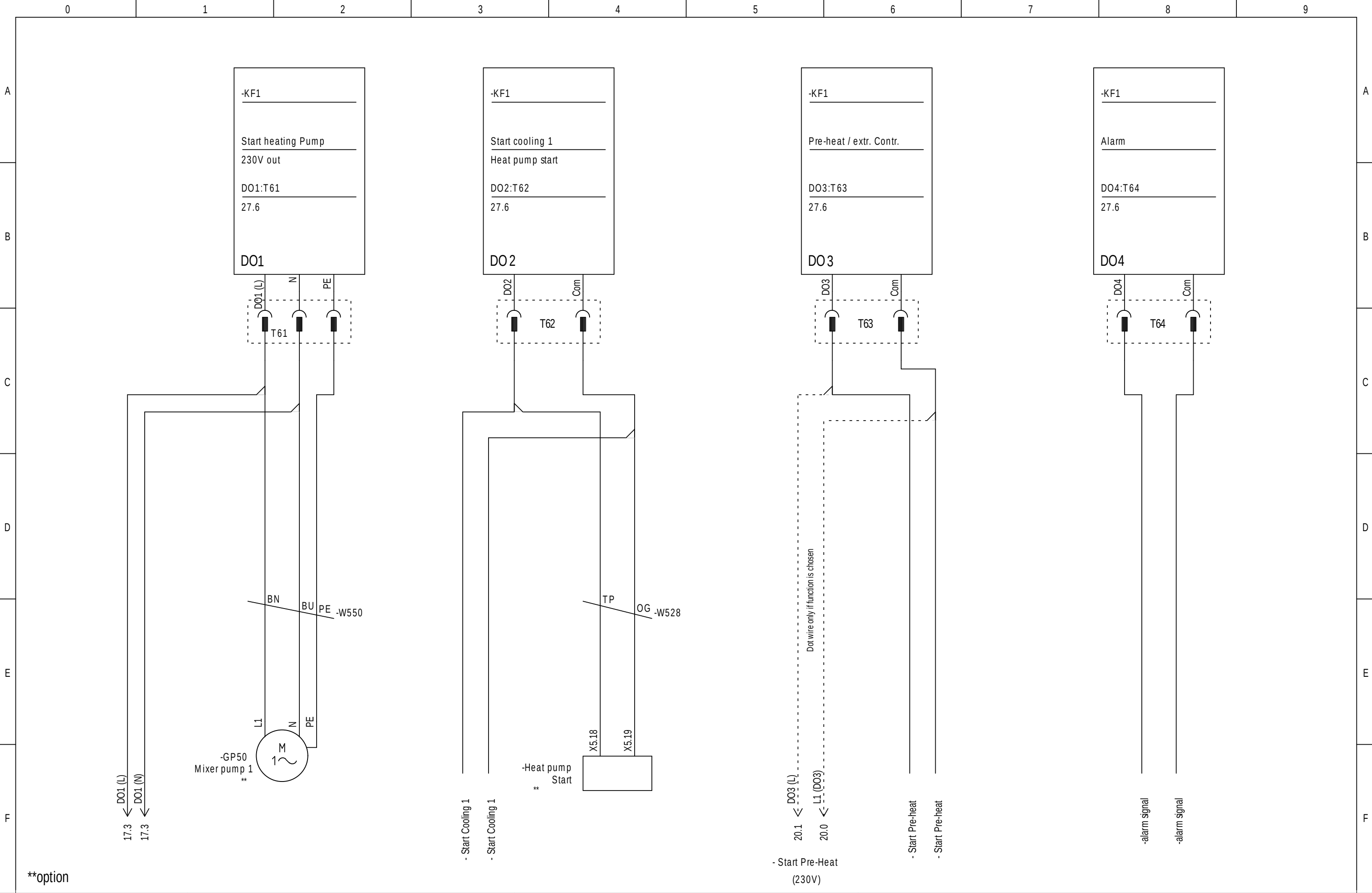
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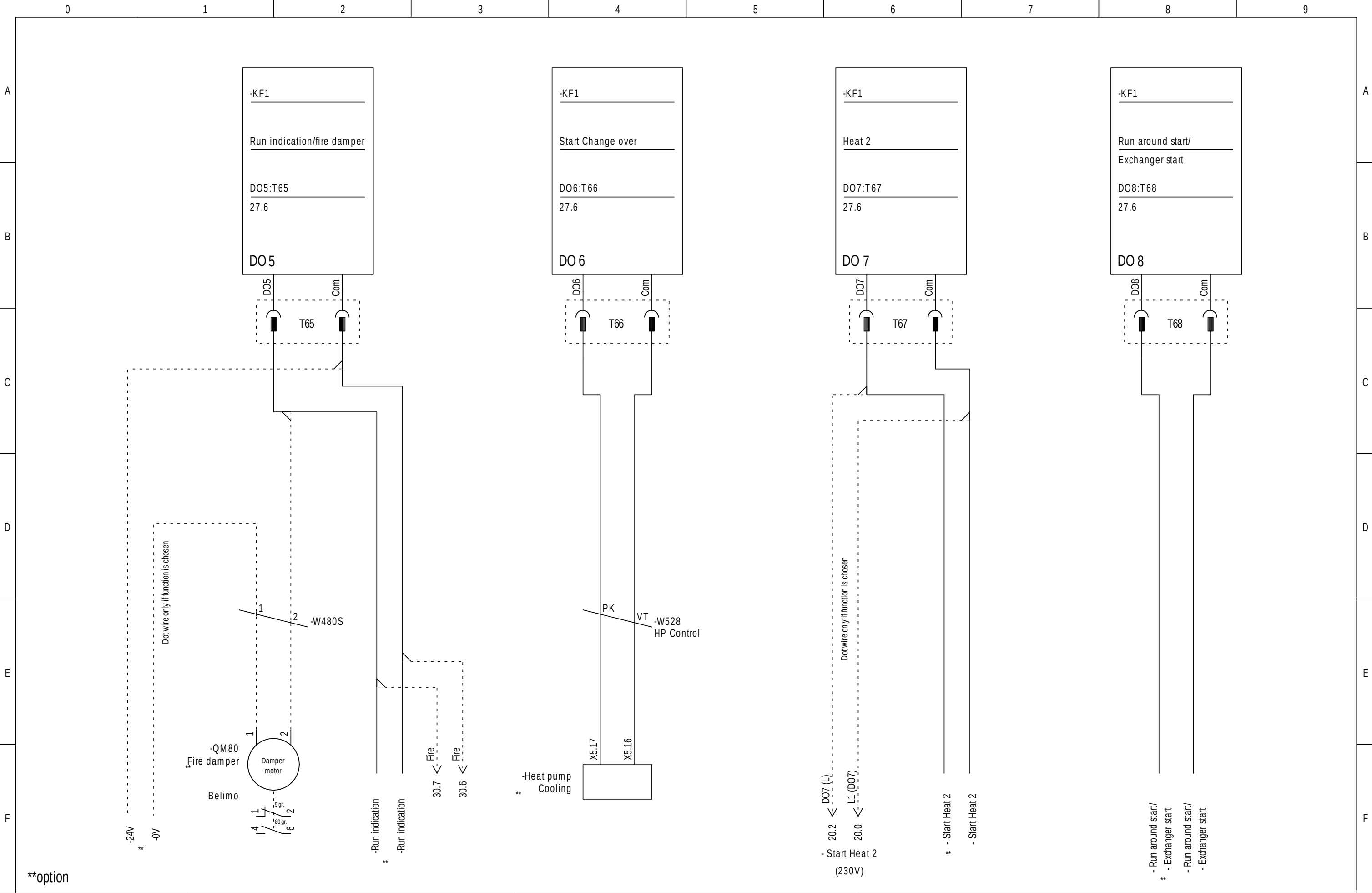


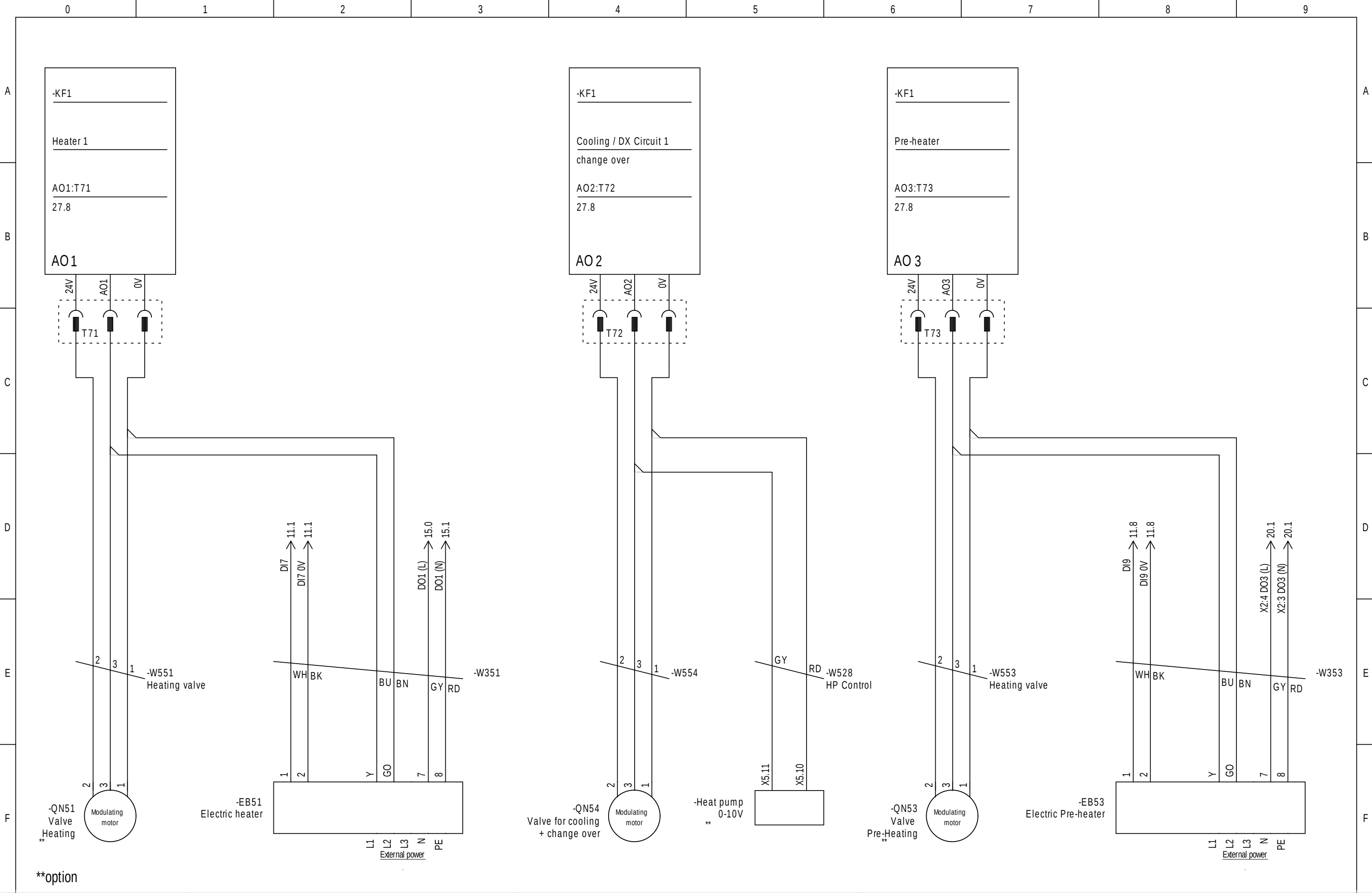
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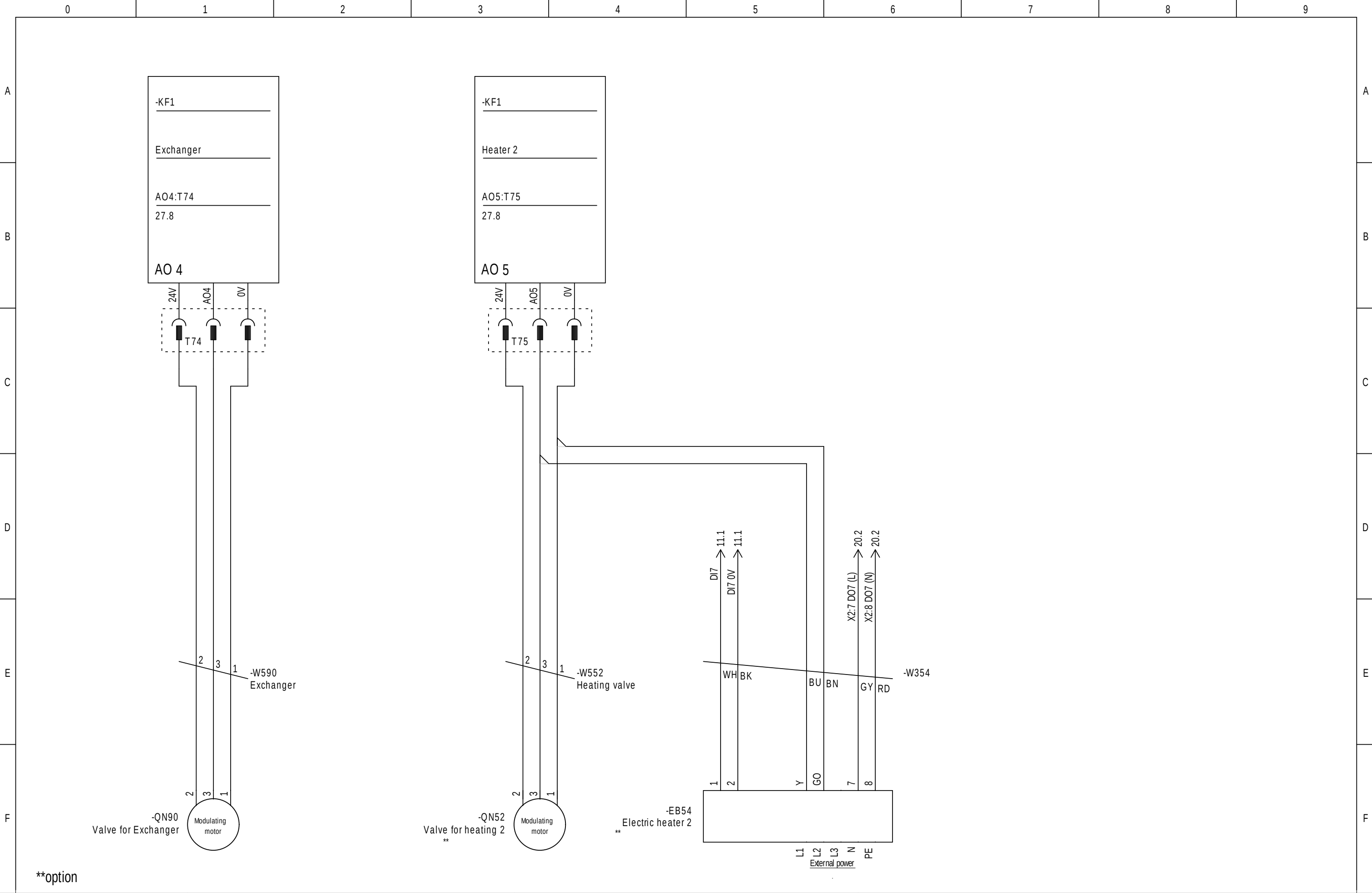


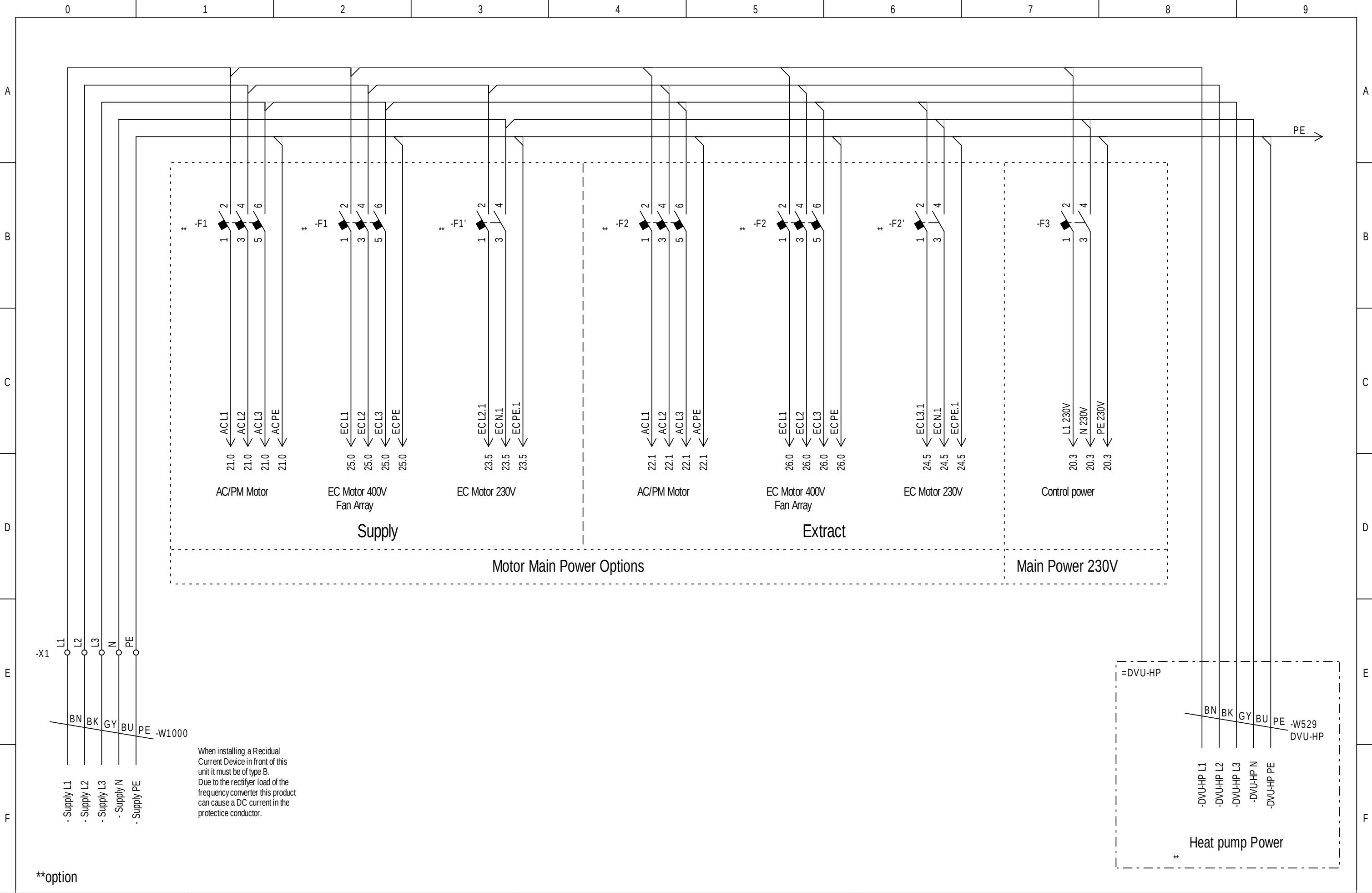
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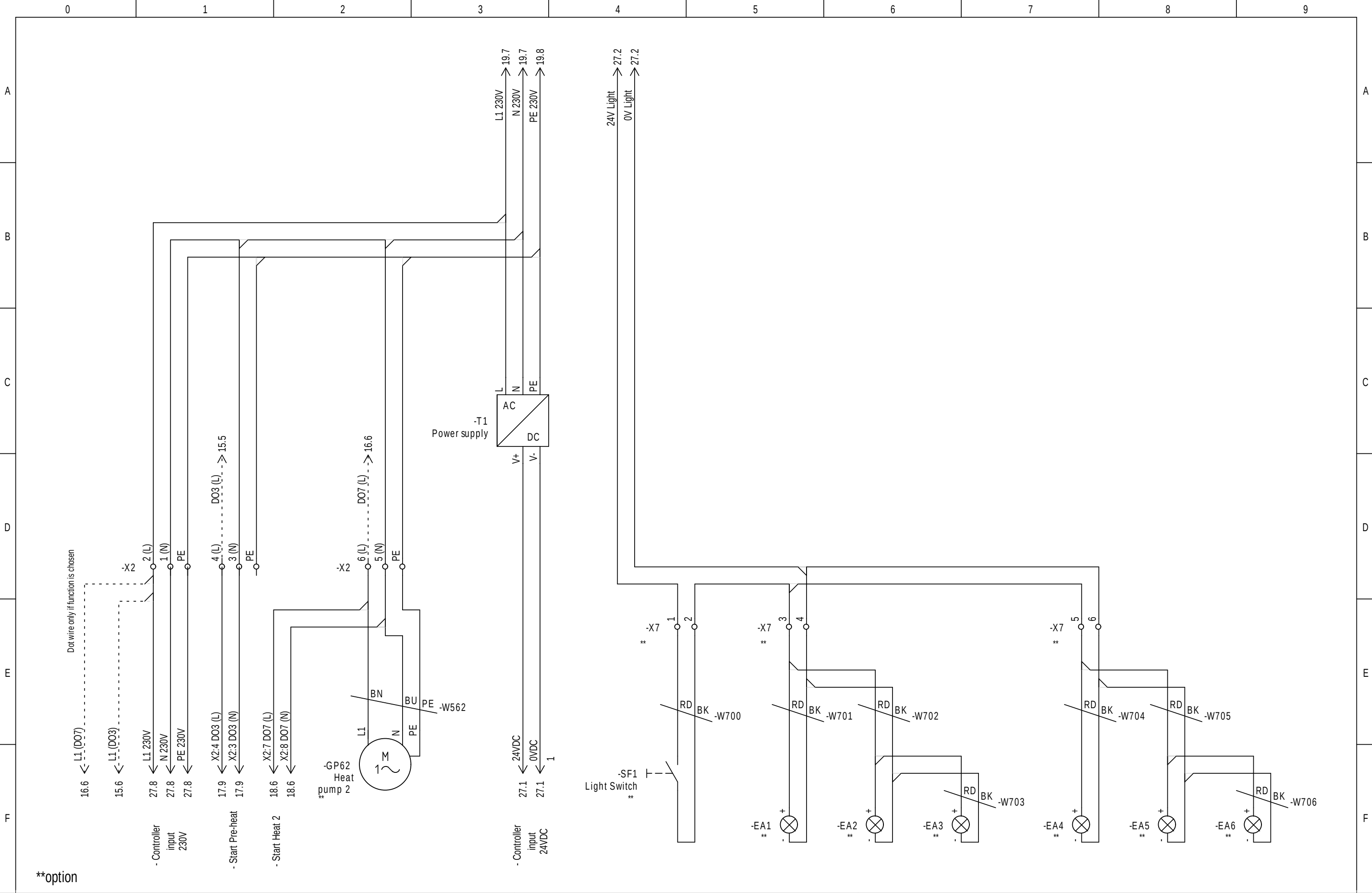


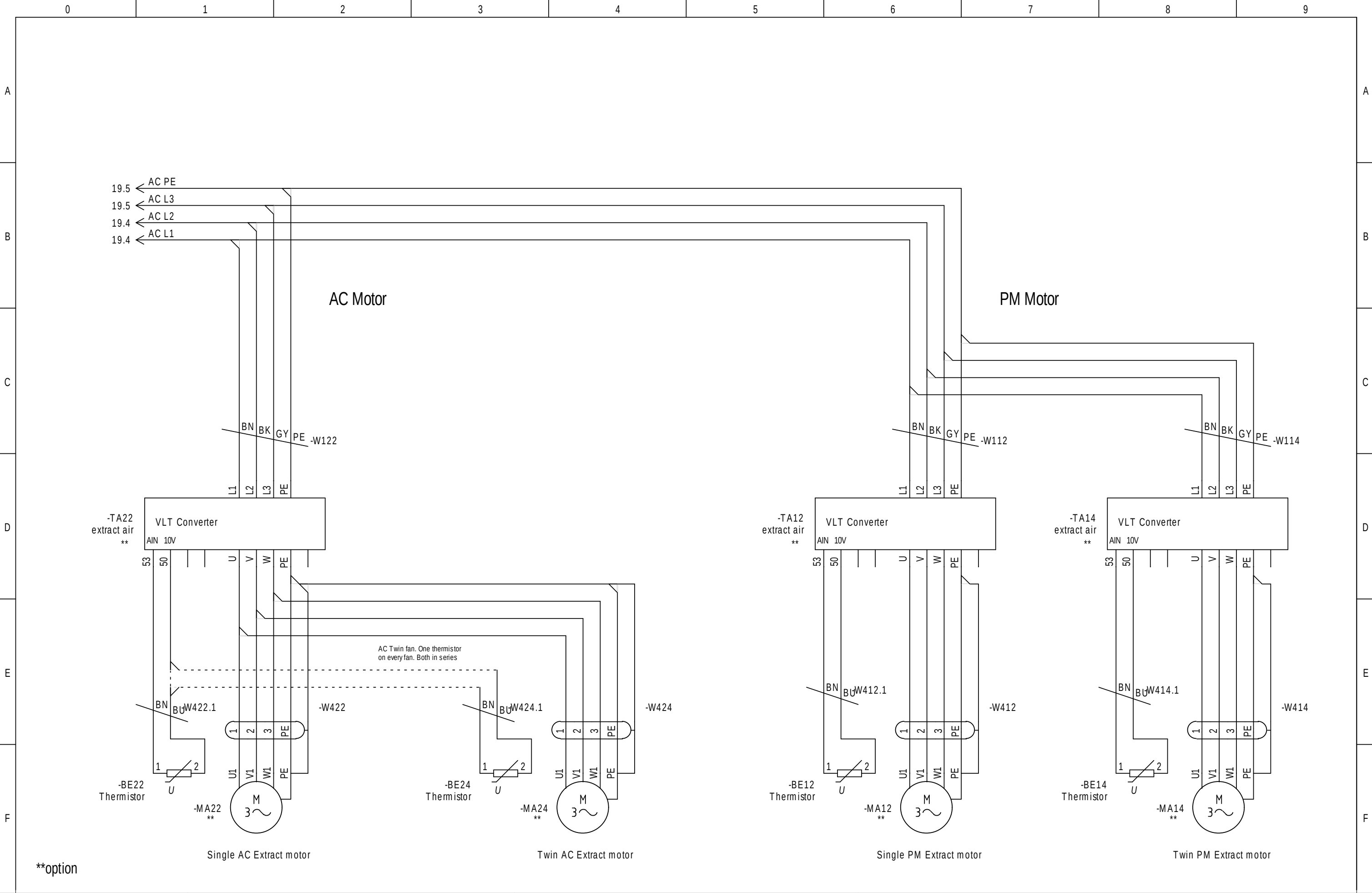


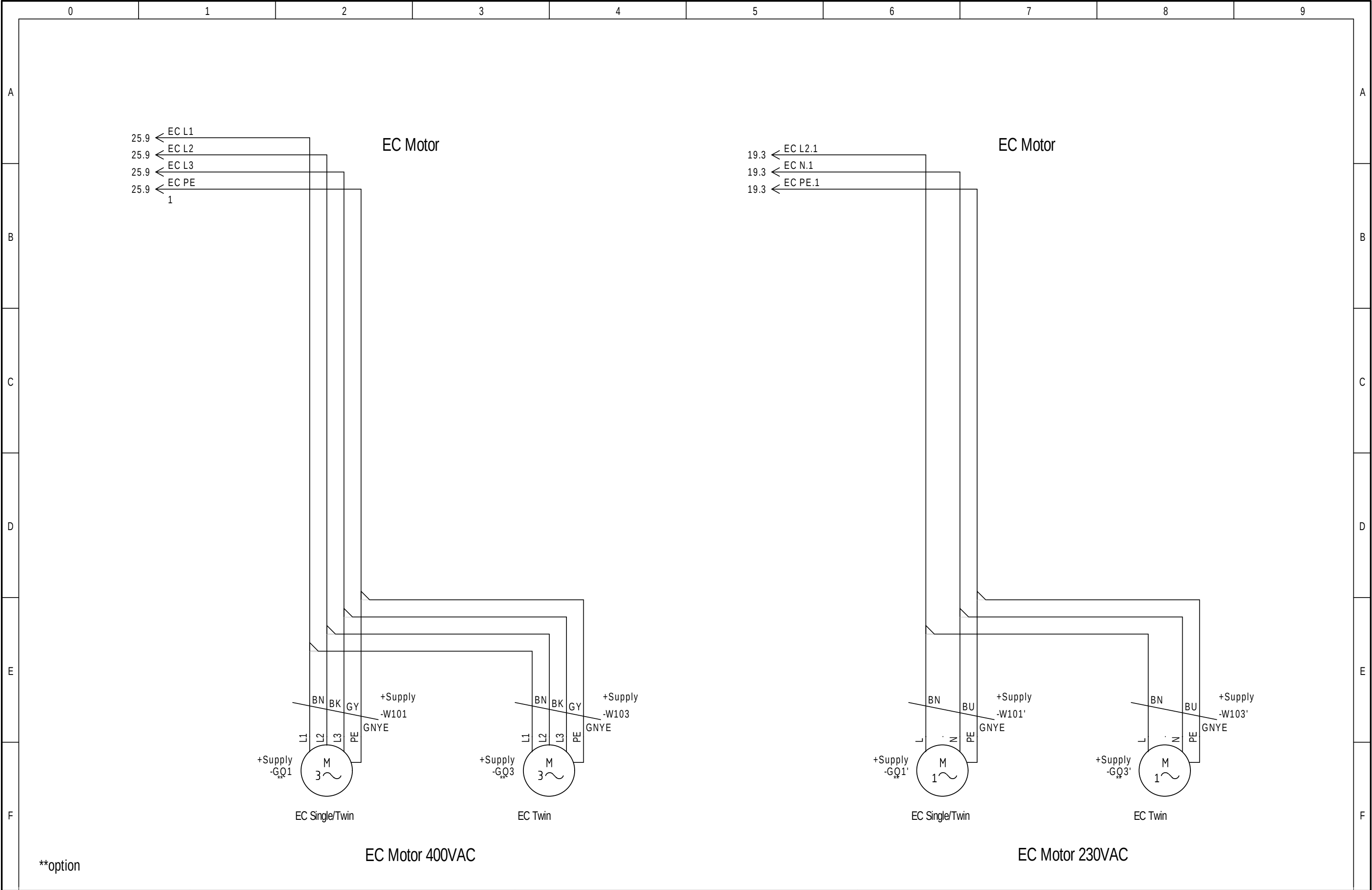




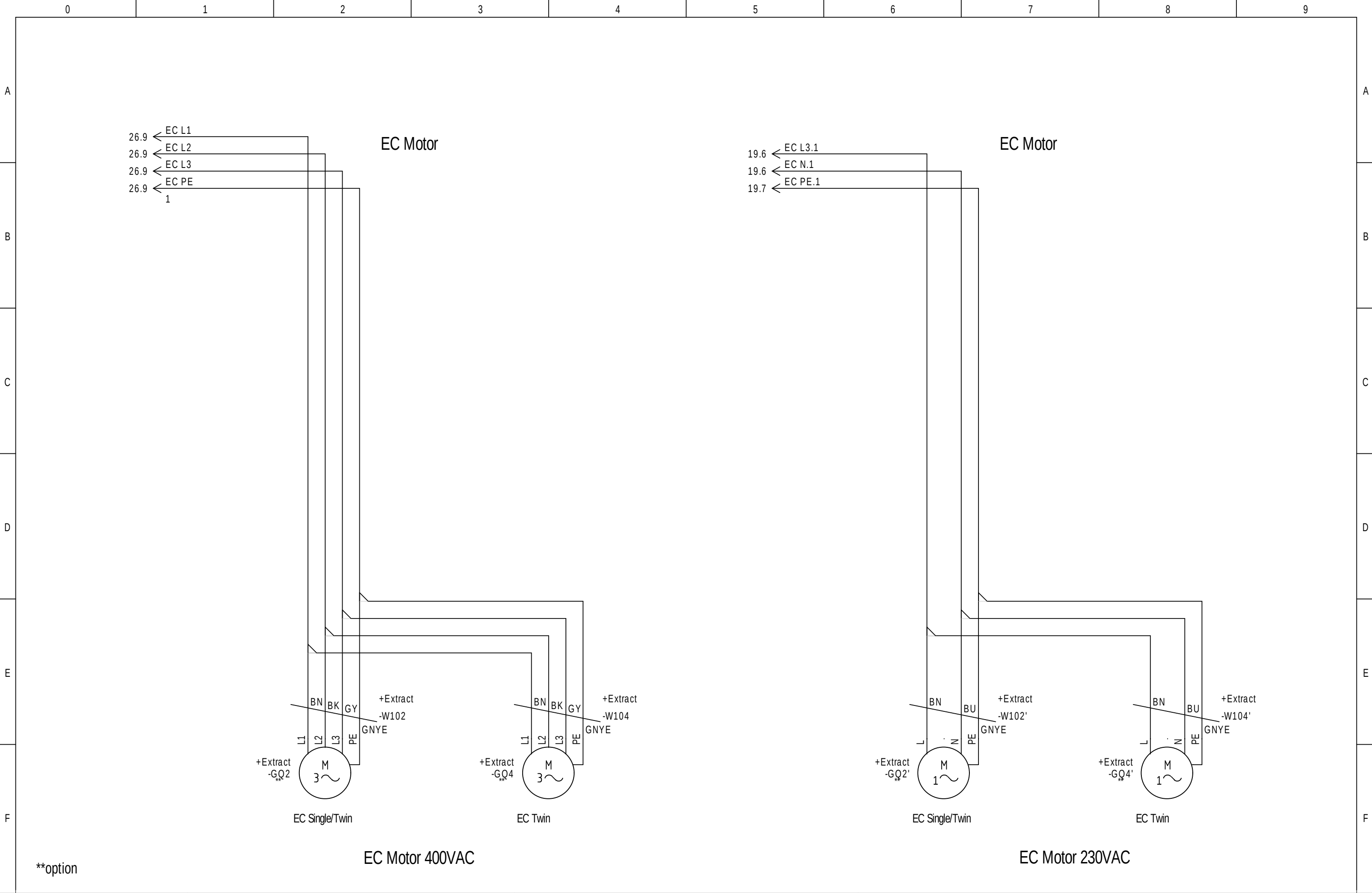




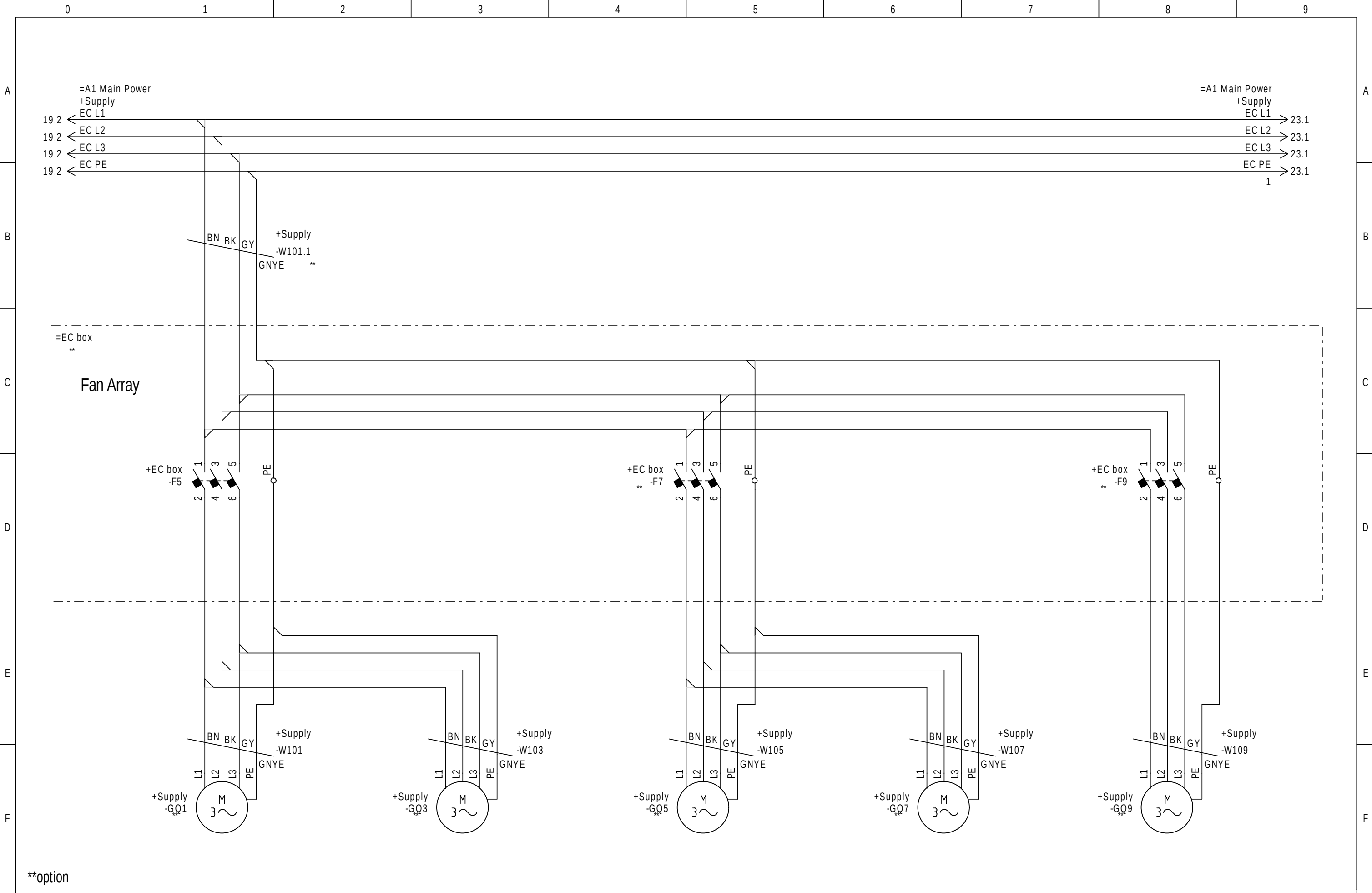




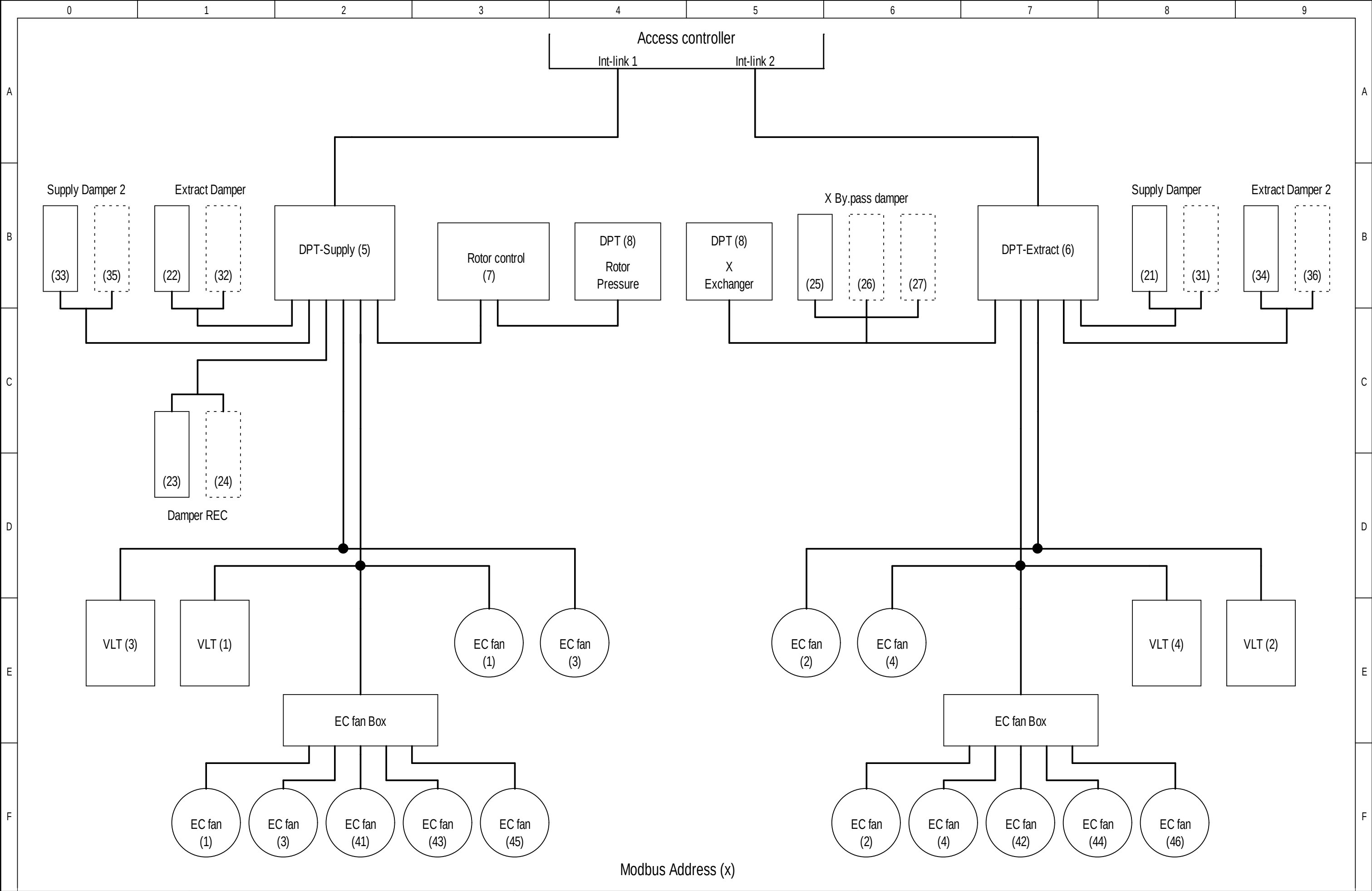
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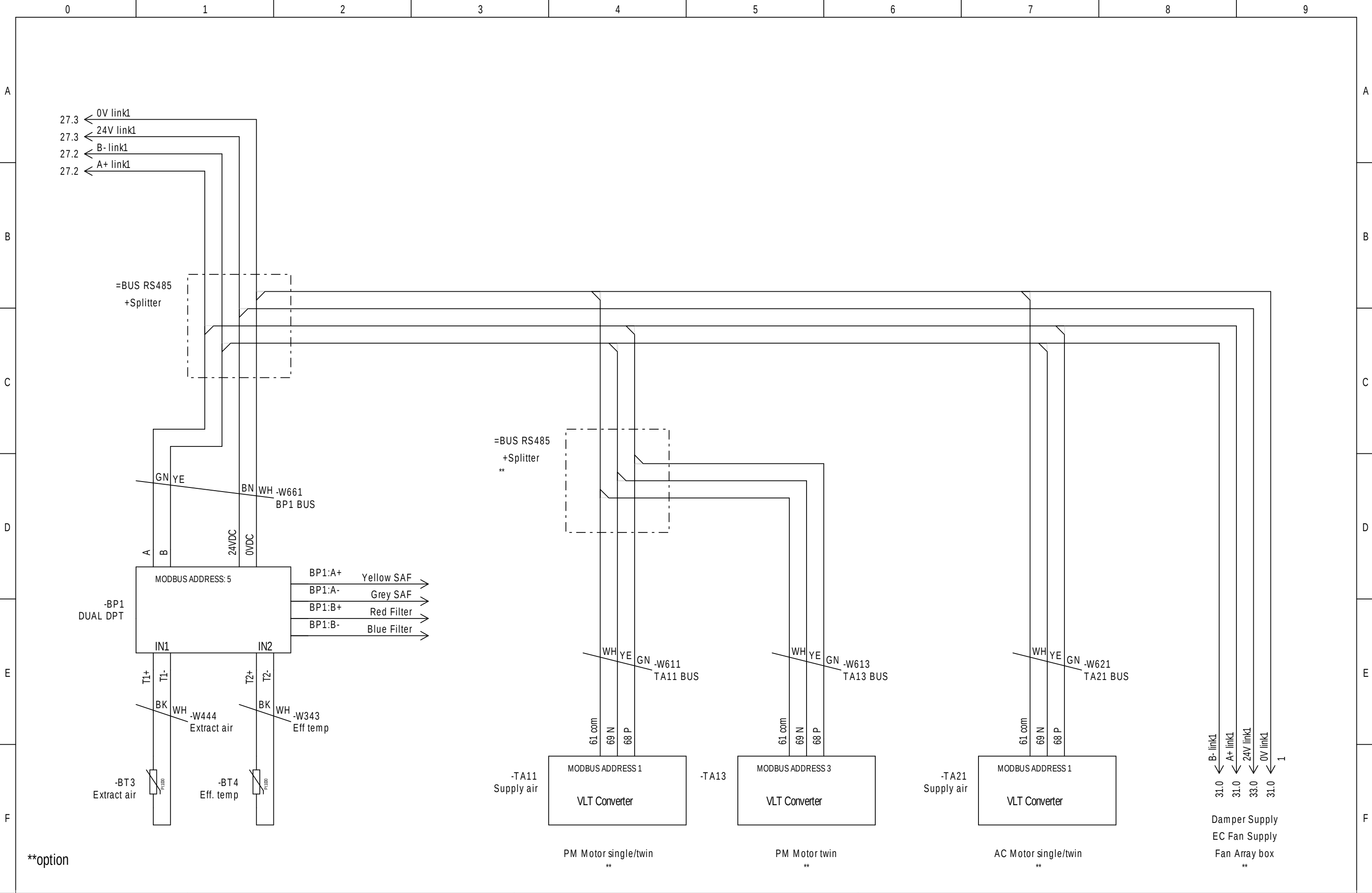


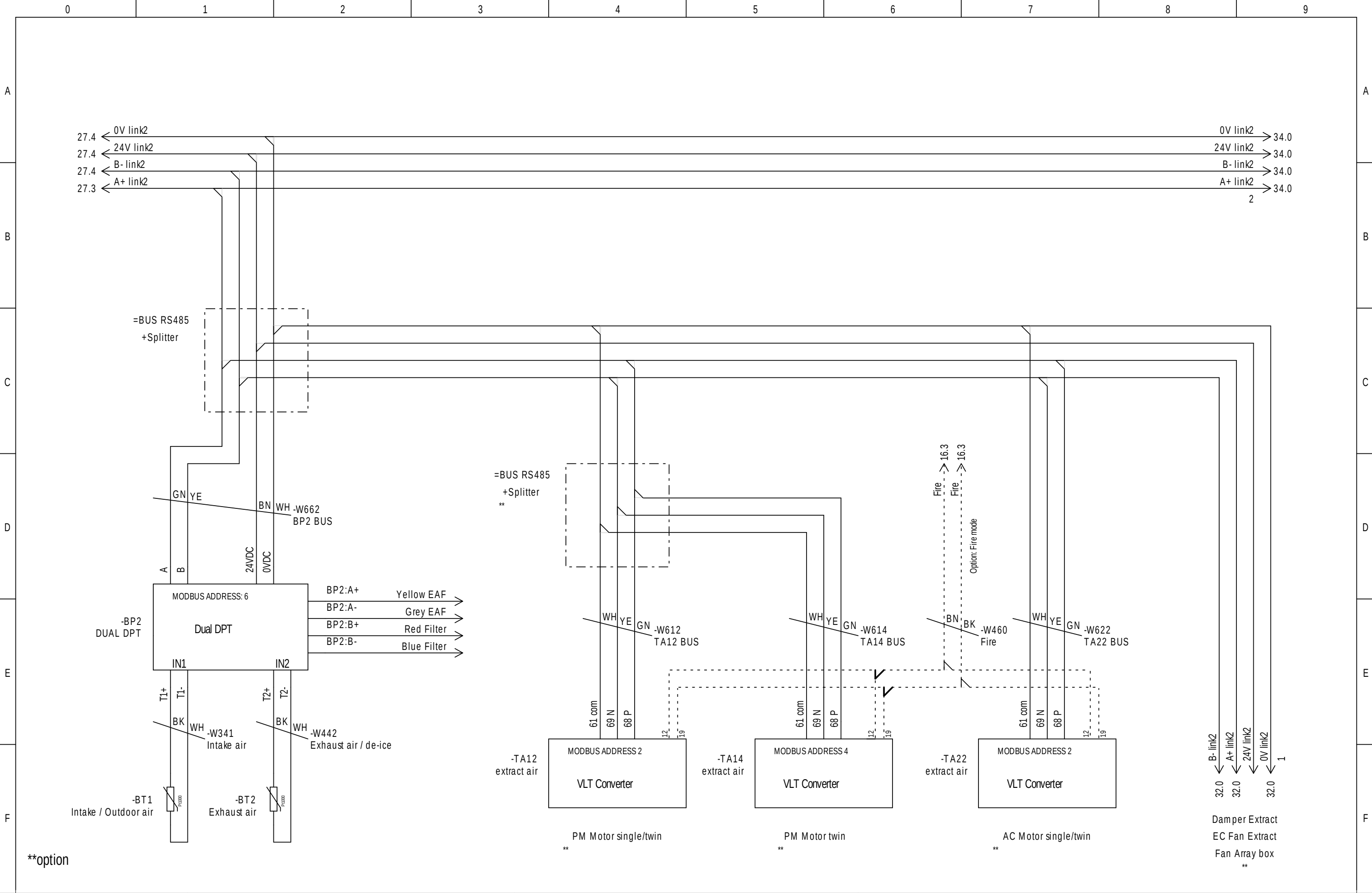
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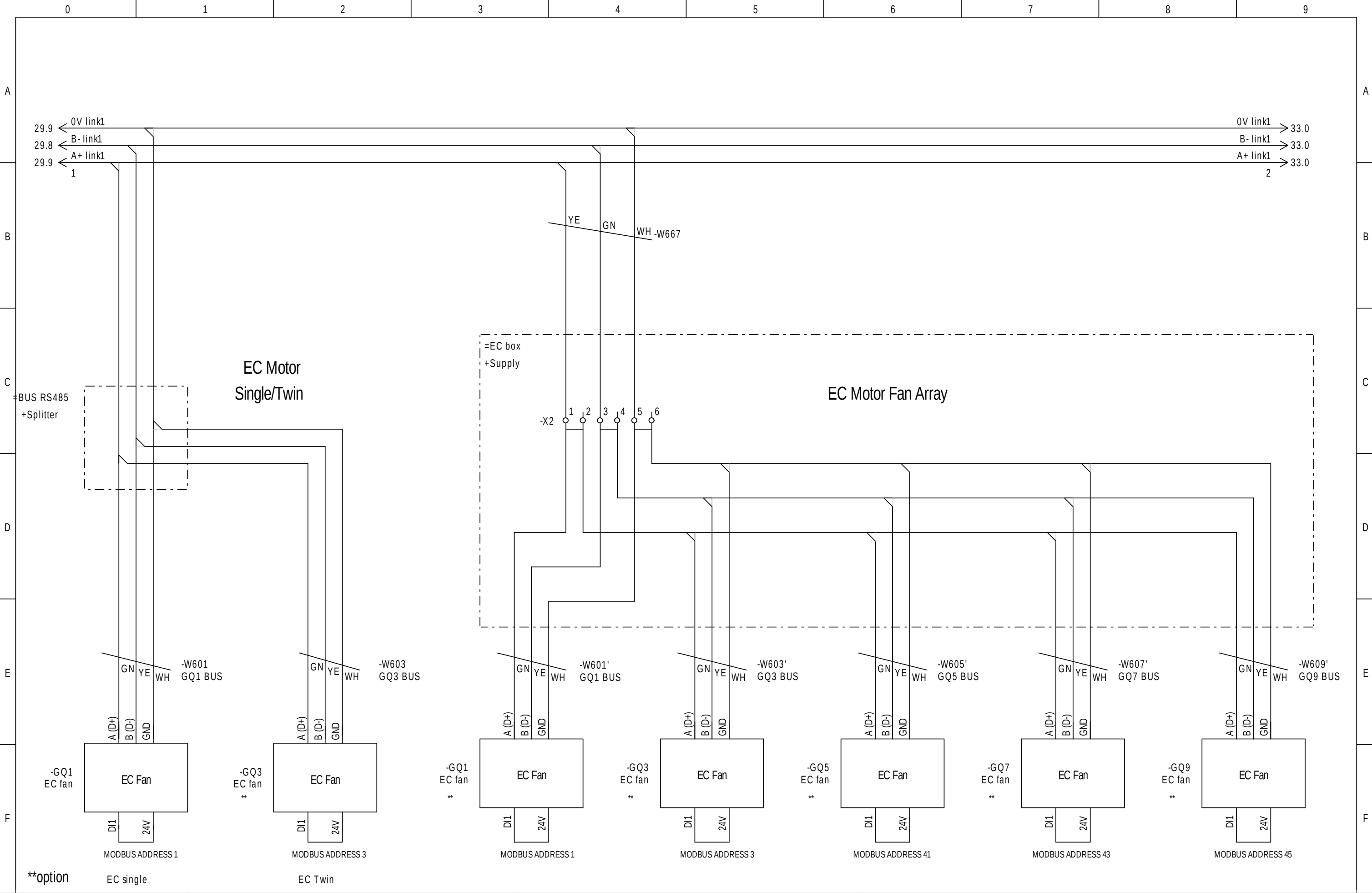


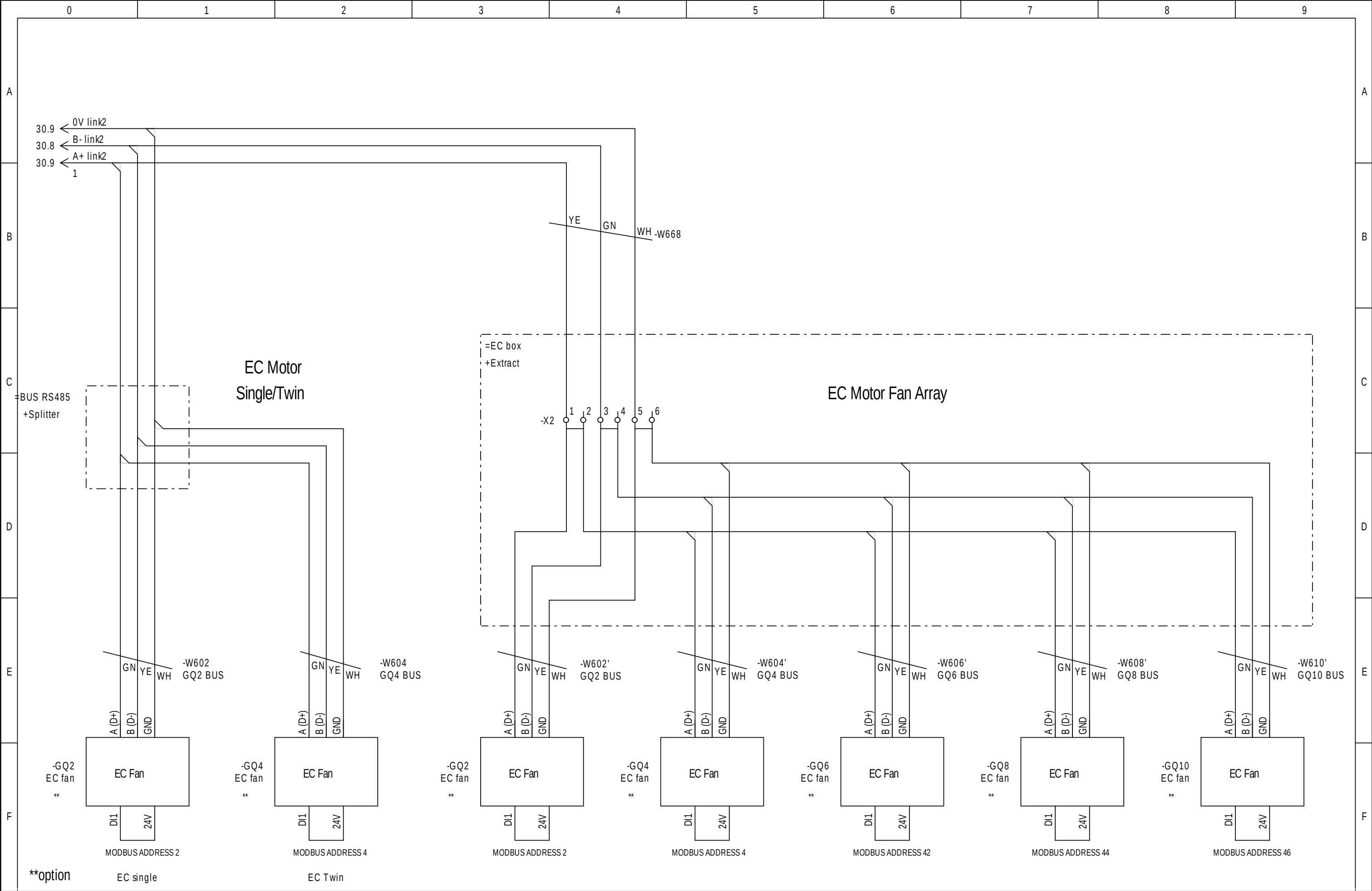
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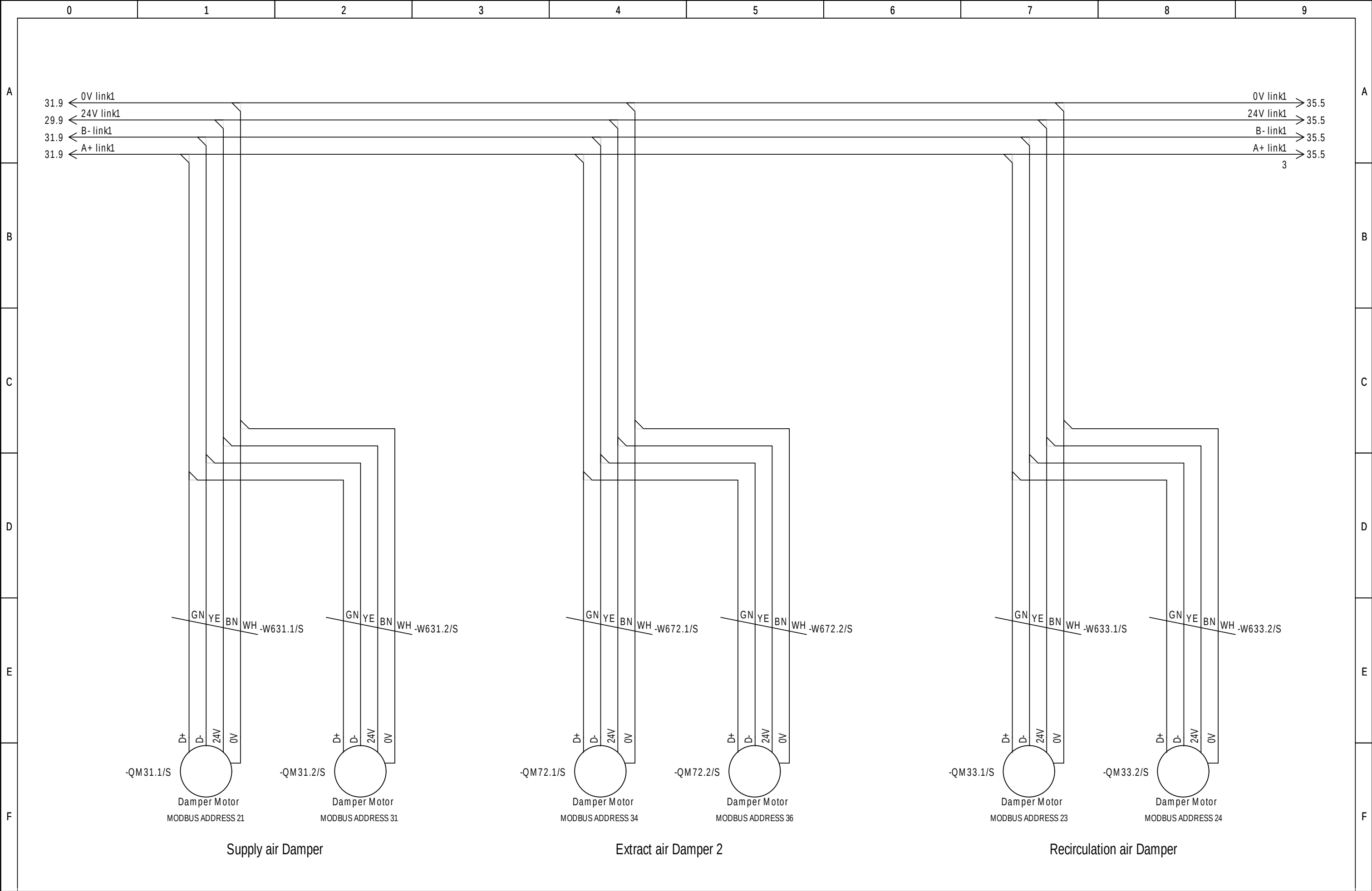


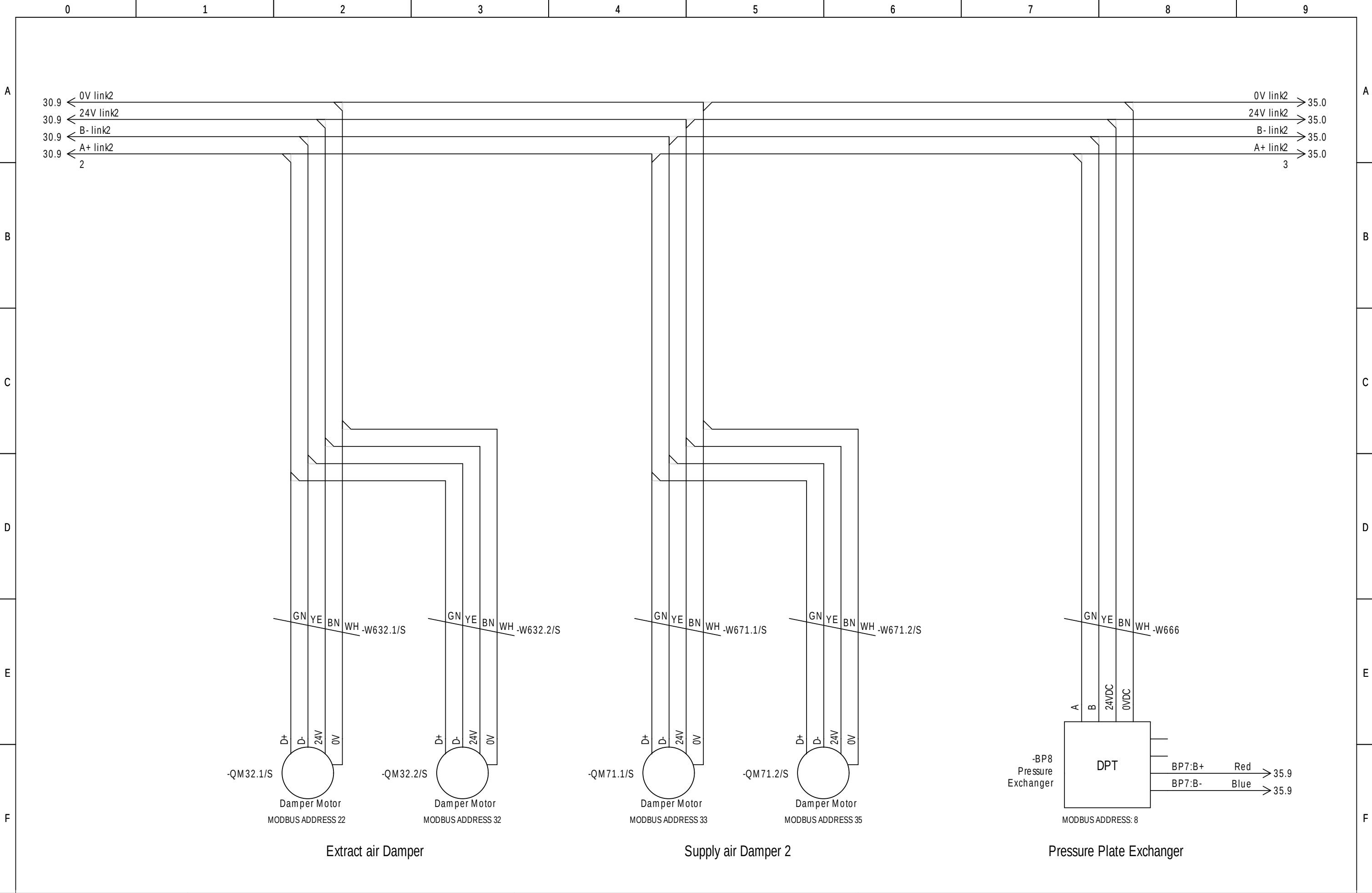


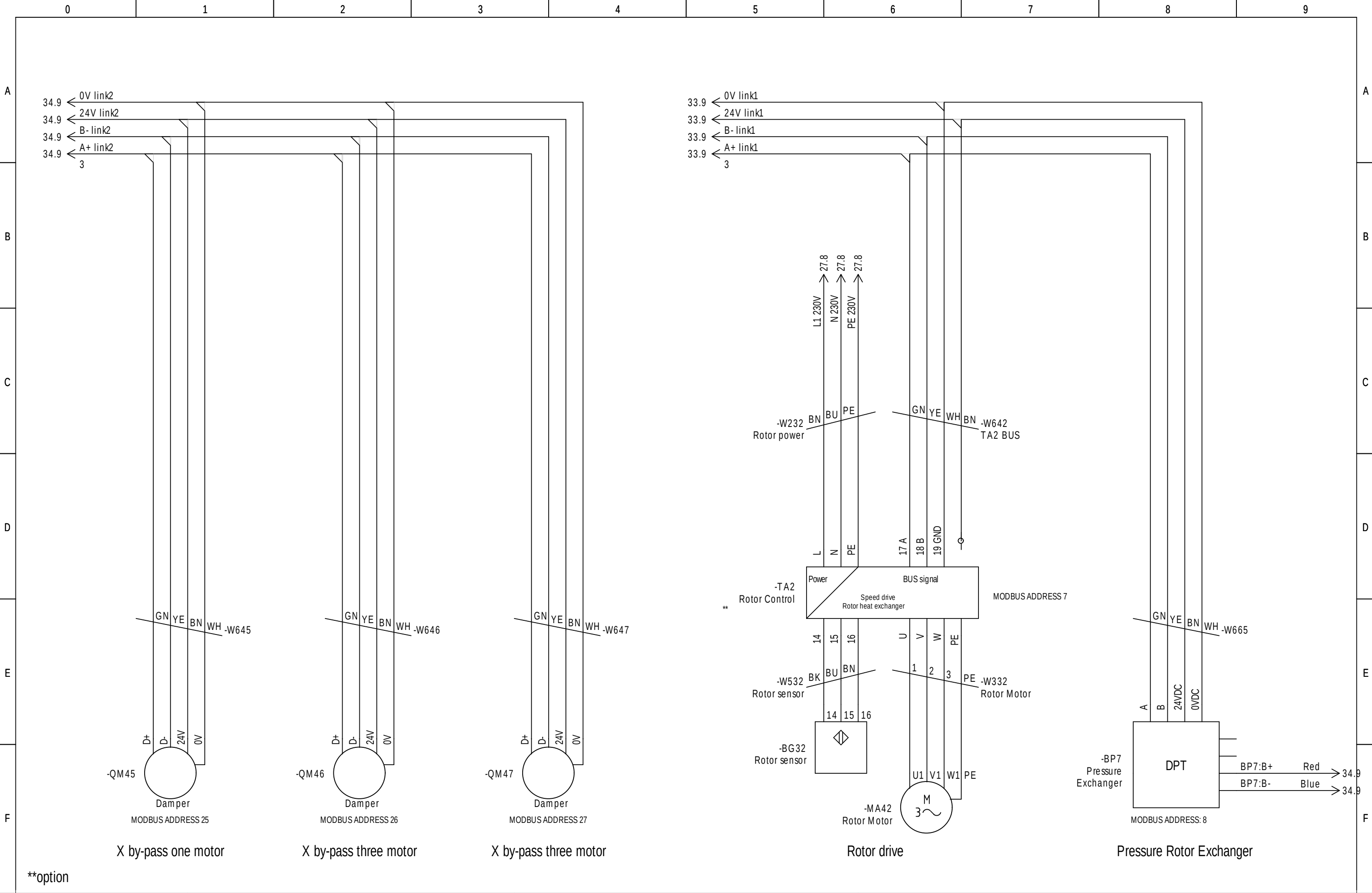


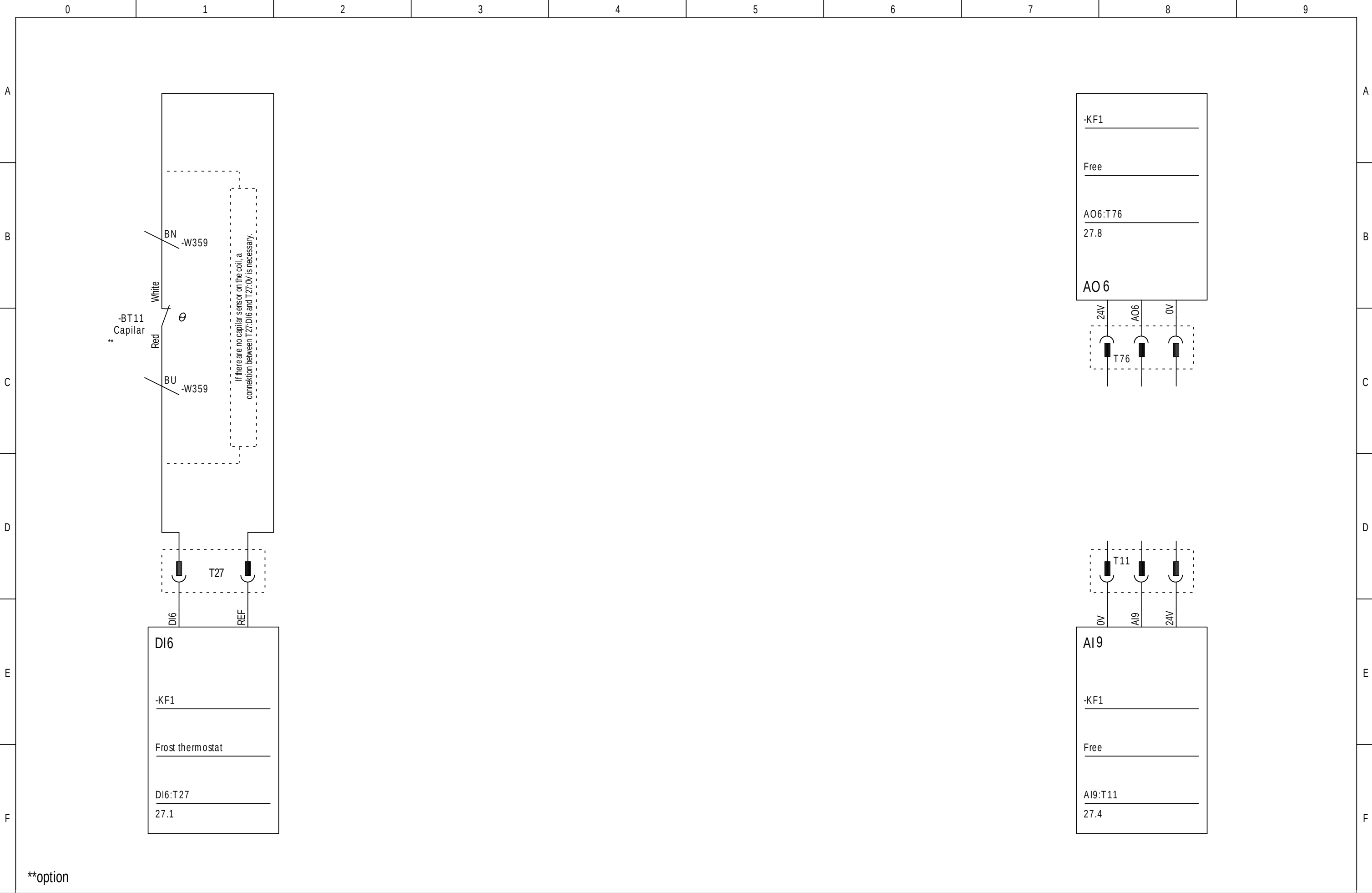












**option

0		1		2		3		4		5		6		7		8		9											
A	Address list										Systemair settings of ECblue Modbus										A								
	Address	Component: Code																											
B	1	Supply air fan 1: GQ1 - TA11 - TA21																			COM Baudrate: 9600Bd								
	2	Extract air fan 1: GQ2 - TA12 - TA22																											
	3	Supply air fan 2: GQ3 - TA13 - TA21																											
	4	Extract air fan 2: GQ4 - TA14 - TA22																											
B	5	Dual pressure transmitter supply: BP1																			COM Mode: 8N1								
	6	Dual pressure transmitter extract: BP2																											
	7	RHC (Rotor drive system): TA2																											
	8	Pressure Exchanger: BP7																											
C	21	Supply air damper 1: QM31.1/S																			BUS Address: Supply air, 1 and (3, Twin fans)								
	22	Extract air damper 1: QM32.1/S																											
	23	Recirculation damper 1: QM33.1/S																											
	24	Recirculation damper 2: QM33.2/S																											
C	25	Plate exchanger by-pass: QM45																			Extract air, 2 and (4, Twin fans)								
	26	Plate exchanger "by-pass" 2: QM46																											
	27	Plate exchanger "by-pass" 3: QM47																											
	29	V VX by-pass supply: QM38																											
D	30	V VX by-pass extract: QM39																			D1: 19D								
	31	Supply damper 2: QM31.2/S																											
	32	Extract damper 2: QM32.2/S																											
	33	Supply damper 3: QM71.1/S																											
D	34	Extract damper 3: QM72.1/S																			D1 is set to disable internal safety functions that protects the motor (fire mode)								
	35	Supply damper 4: QM71.2/S																											
	36	Extract damper 4: QM72.2/S																											
	41	Supply fan 3: GQ5																											
E	42	Extract fan 3: GQ6																			Normal speed control of the fan is possible in this mode.								
	43	Supply fan 4: GQ7																											
	44	Extract fan 4: GQ8																											
	45	Supply fan 5: GQ9																											
E	46	Extract fan 5: GQ10																			Function is active if D1 is open = no signal.								
F																													
F																													
systemair		Geniox Access CU 40-C										Modbus address list										Project: Geniox-DV Control system 04.04		Rev.: 01.00		Sheet: 40			
																						Date: 17-10-2018		initials: MIKE		Total sheets: 30		Next sheet: 41	

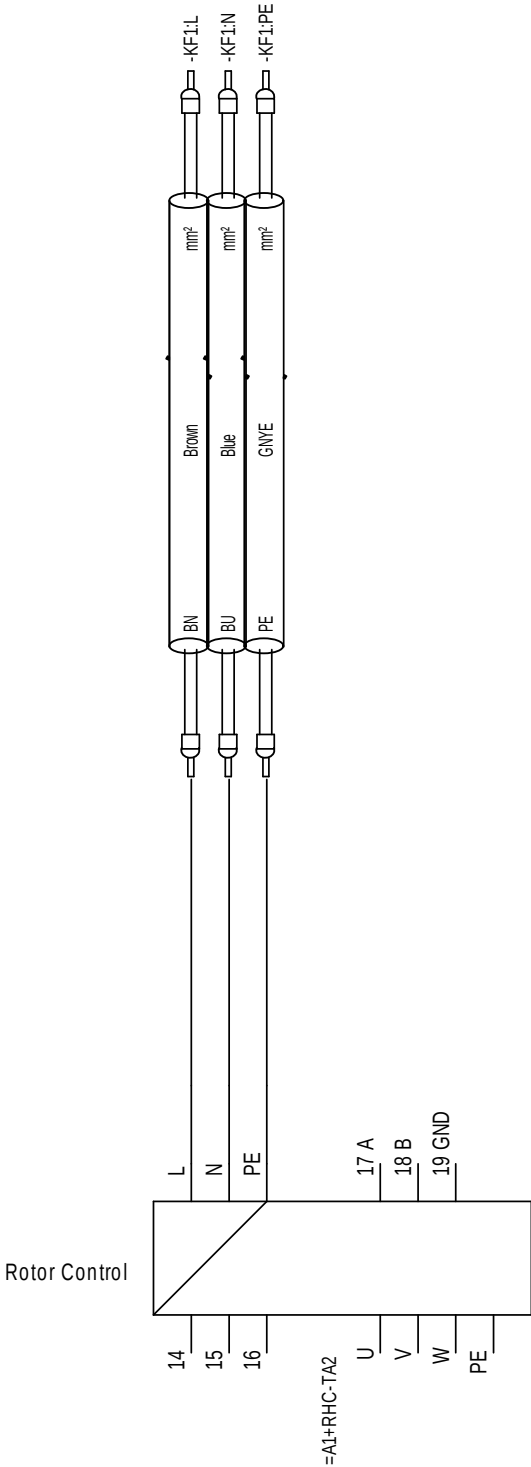
	0	1	2	3	4	5	6	7	8	9	
A	Set-up Danfoss FC101 for Geniox-units with AC motors					Set-up Danfoss FC101 for Geniox-units with PM motors					A
	Connections:					Connections:					
	Modbus Thermistor: Wire jumper:					Terminal 61(N) - 68(B) - 69(A) Terminal 50-53 Terminal 12-19 (no fire)					
	Systemair factory set-up is based on Danfoss initialisation.					Systemair factory set-up is based on Danfoss initialisation.					
B	14-22: Operation mode:					[2] Initialisation (Danfoss Initialisation)					B
	Systemair factory set-up:										
	0-01: Language selection:										
	1-03: Torque characteristic:										
	1-20: Motor Power:					Single fan: [3] Auto-Energy optim. With twin fan set-up: [1] Variable Torque 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 According to motor plate / order papers					
C	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.					
D	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					
E	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)					
F	To store Systemair factory settings from the control panel:										
	0-50: LCP Copy:					[2] All from LCP					
		Geniox Access CU 40-C		VLT guide		Project: Geniox-DV Control system 04.04		Rev.: 01.00		Sheet: 41	
						Date: 18-07-2018		initials: MIKE		Total sheets: 30	
										Next sheet: 42	

0		1		2		3		4		5		6		7		8		9	
A																			A
	Menu:	3-41	3-42	1-24	1-25	1-26	1-30	1-37	1-39	1-40	3-03	4-14	4-19	6-25					
B	Motor Type	Ramp up	Ramp Down	Amp Name plate	Motor RPM rated	Nm Name plate	Ohm [Rf-0]	mH [Lf-0]	Poles	Bemf @ 1000	Max Hz	Max motor Hz	Max motor Hz	Max Hz					
	HPS 71 3800 18	30	20	1,9	3800	2,0	3,900	11,75	6	67	196	200	200	196					
	HPS 71 3700 28	30	20	3,0	3700	3,6	2,100	8,25	6	79	191	194	194	191					
	HPS 71 3300 18	30	20	1,9	3300	2,6	6,250	19,25	6	85	170	173	173	170					
	HPS 71 3200 30	30	20	3,2	3200	4,2	2,000	8,05	6	84	161	168	168	161					
C	HPS 71 2900 21	30	20	2,4	2900	3,3	4,550	15,40	6	91	143	152	152	143					
	HPS 71 2800 40	30	20	4,1	2800	6,1	1,750	7,15	6	100	144	147	147	144					
	HPS 71 2500 29	30	20	3,1	2500	5,0	3,700	13,00	6	105	129	131	131	129					
	HPS 71 2350 38	30	20	4,2	2350	7,3	2,400	10,85	6	115	120	123	123	120					
	HPS 90 2650 64	30	30	7,0	2650	9,6	1,150	11,40	8	89	182	186	186	182					
D	HPS 90 2350 76	30	30	8,1	2350	13,0	0,800	10,00	8	103	159	165	165	159					
	HPS 90 2100 63	30	30	6,7	2100	10,5	1,500	14,75	8	100	142	147	147	142					
	HPS 90 2050 100	30	30	10,7	2050	19,0	0,700	8,50	8	115	140	144	144	140					
	HPS 90 1850 84	30	30	8,9	1850	16,0	0,875	11,50	8	117	127	130	130	127					
	HPS 90 1900 136	30	30	15,3	1900	26,0	0,575	7,25	8	110	127	133	133	127					
E	HPS 90 1700 106	30	30	11,3	1700	22,0	0,575	7,25	8	121	116	119	119	116					
	HPS 112 1550 108	30	60	11,7	1550	32,0	0,750	8,75	6	178	80	81	81	80					
	HPS 112 1700 145	30	60	15,5	1700	39,0	0,465	5,45	6	162	88	89	89	88					
	HPS 112 1350 135	60	60	14,8	1350	44,0	0,570	6,95	6	206	69	71	71	69					
	HPS 112 1500 187	60	60	19,2	1500	54,0	0,350	5,00	6	182	76	79	79	76					
F	HPS 112 1000 140	60	60	15,0	1000	51,0	0,520	7,75	6	220	54	53	65	54					
	HPS 132 1250 199	60	60	21,3	1250	69,0	0,320	7,60	6	210	65	66	66	65					
	HPS 132 1000 202	60	60	21,6	1000	77,0	0,375	9,25	6	230	51	53	53	51					
	HPS 132 1150 300	60	60	32,1	1150	104,0	0,235	8,00	6	230	58	60	60	58					
	HPS 132 930 273	60	60	29,4	930	118,0	0,280	9,75	6	261	46	49	49	46					
		Geniox Access CU 40-C				VLT guide				Project: Geniox-DV Control system 04.04				Rev.: 01.00		Sheet: 42			
Date: 15-08-2018										initials: MIKE		Total sheets: 30		Next sheet:					

Cable Plan

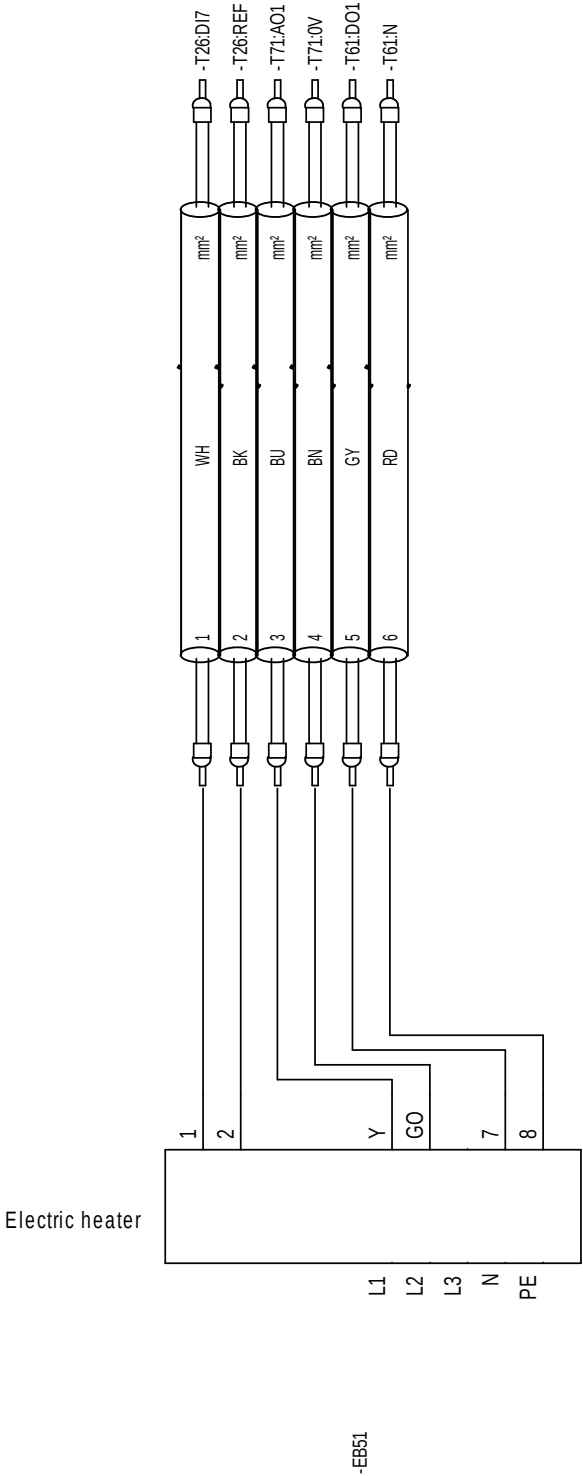
-W232

Remark: Rotor power
Cable-type:



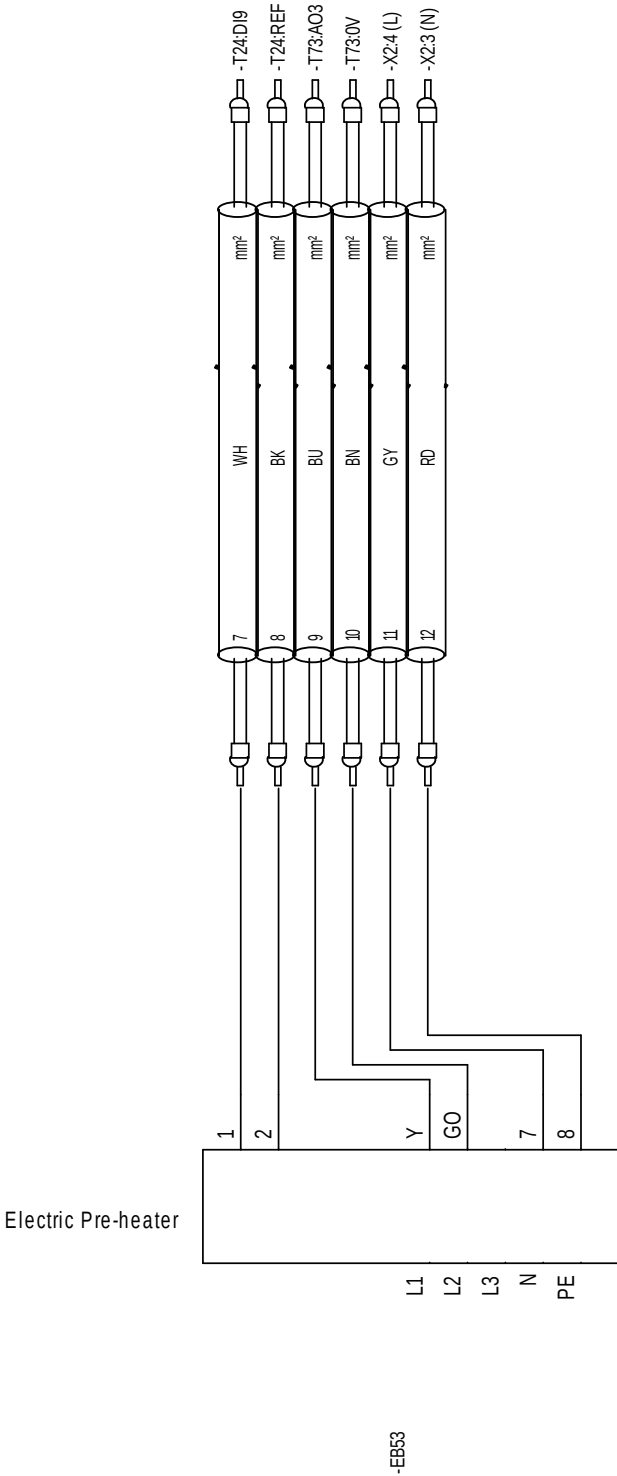
-W351

Remark: Electric heater
Cable-type:



-W353

Remark: Electric pre-heater
Cable-type:



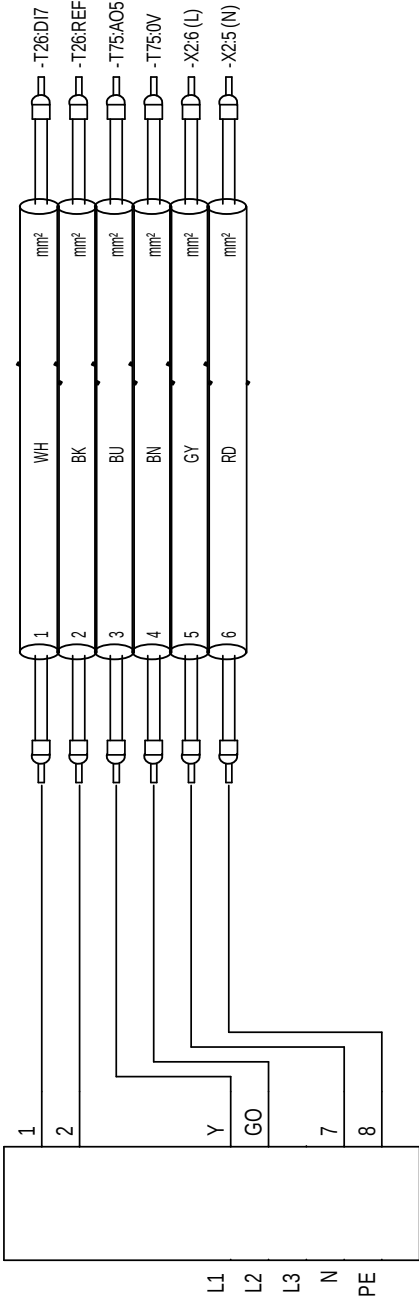
Path	Sheet
6	35
6	35
6	35
2	17
2	17
2	17
2	17
3	17
3	17
8	17
8	17
8	17
9	17
9	17
9	17

Cable Plan

-W354

Remark: Electric heater 2
Cable-type:

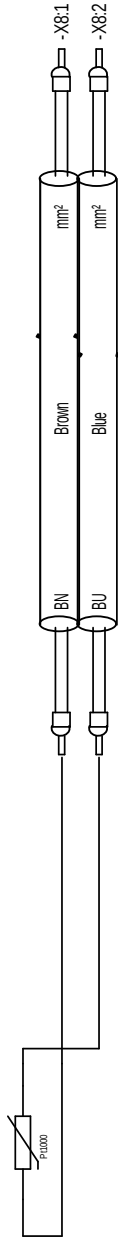
Electric heater 2



-W355

Remark: Temperatur sensor supply air
Cable-type:

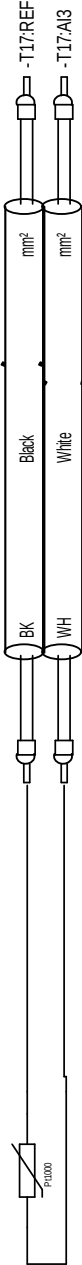
Supply air
Duct sensor



-W357

Remark: Frost protection heating coil
Cable-type:

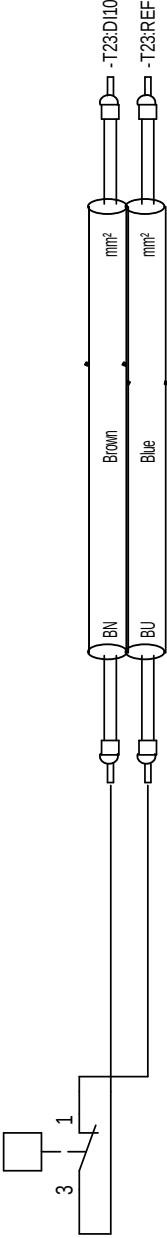
Frost protection
Pt 1000



-W363

Remark: Extra filter guard
Cable-type:

Extra filter
Guard Supply



Path

Sheet

5
5
5
6
6
6

18
18
18
18
18
18

3
3

14
14

1
0

14
14

1
2

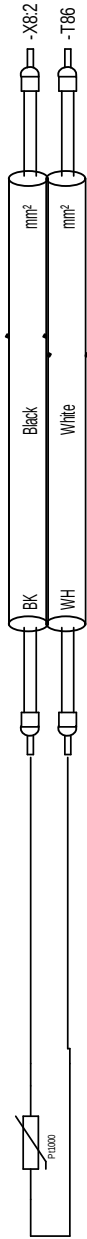
12
12

Cable Plan

Remark: Pre-heat Temp.
Cable-type:

-W367

Pre-heat Frost
Pt 1000

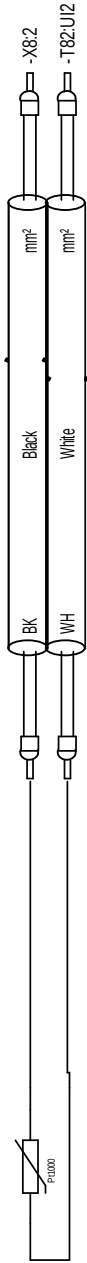


-BT13

Remark: Pre-heat Temp.
Cable-type:

-W369

Pre-heat temp.
Pt 1000

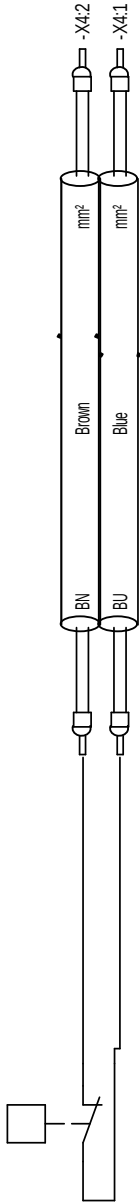


-BT14

Remark: Fire thermostat extract air
Cable-type:

-W456

Fire thermostat
Extract air

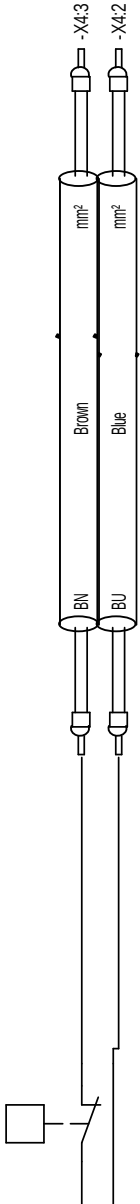


-BR2

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

-W457

Fire thermostat
Supply air



-BR1

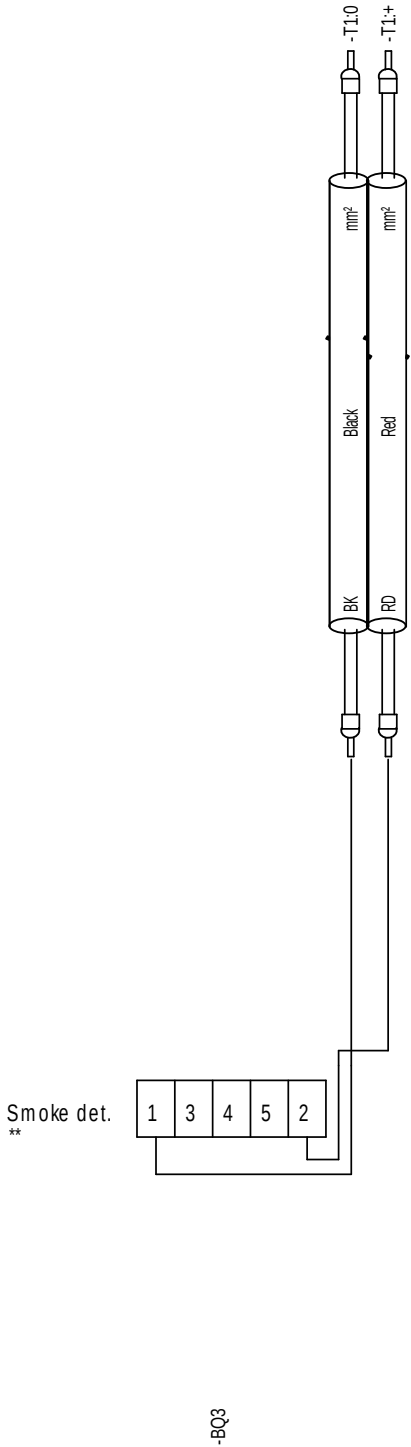
Path	5	5	6	6	6	6
Sheet	14	14	14	14	11	11

Sheet	Path
11	3
11	3
12	5
12	5
16	1
16	2
14	9
14	9

Cable Plan

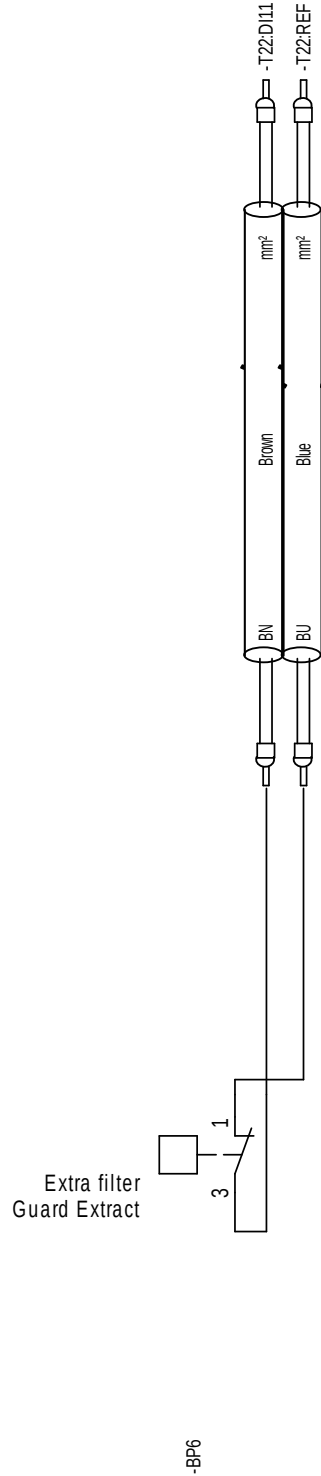
Remark: Smoke detector
Cable-type:

-W458



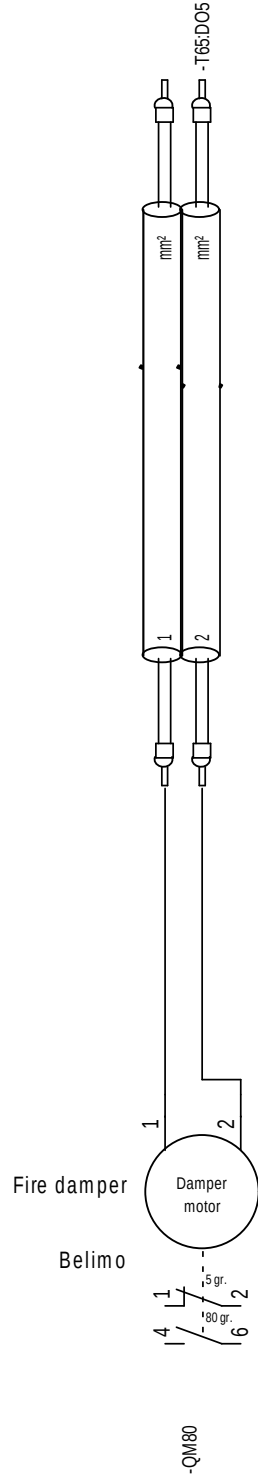
Remark: Extra filter guard Extract
Cable-type:

-W464



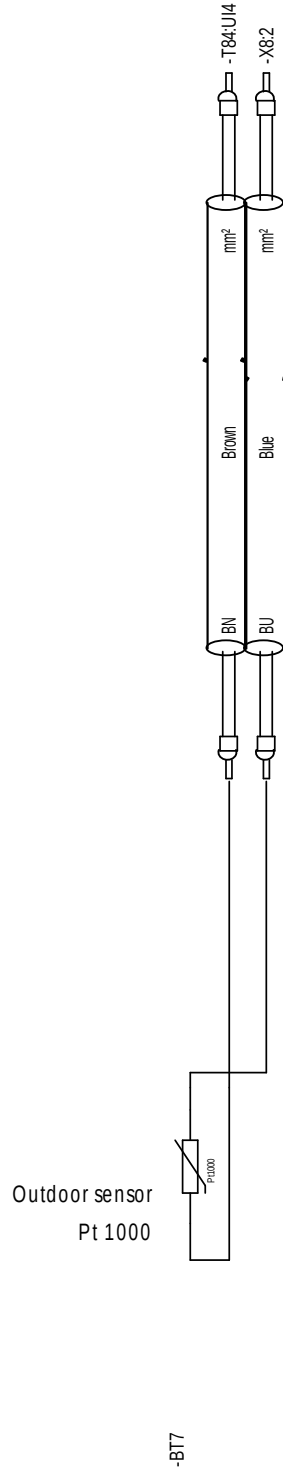
Remark:
Cable-type:

-W480S



Remark: Outdoor sensor
Cable-type:

-W507



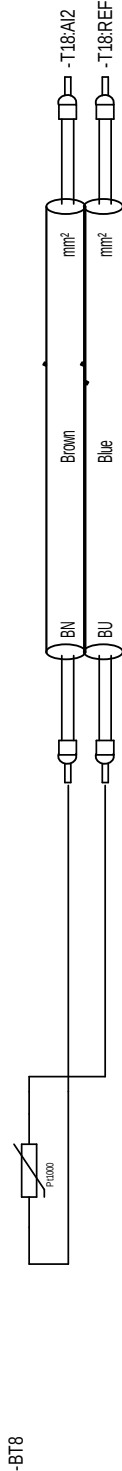
Cable Plan

Path	2 2	7 8	4 4 4	6 6 6
Sheet	14 14	14 14	13 13 13	13 13 13

Remark: Room sensor 1
Cable-type:

-W508

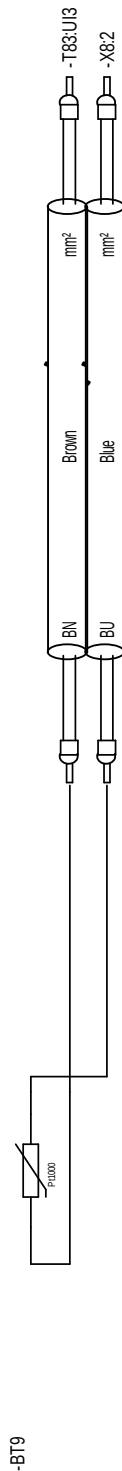
Room sensor 1
Pt 1000



Remark: Room sensor 2
Cable-type:

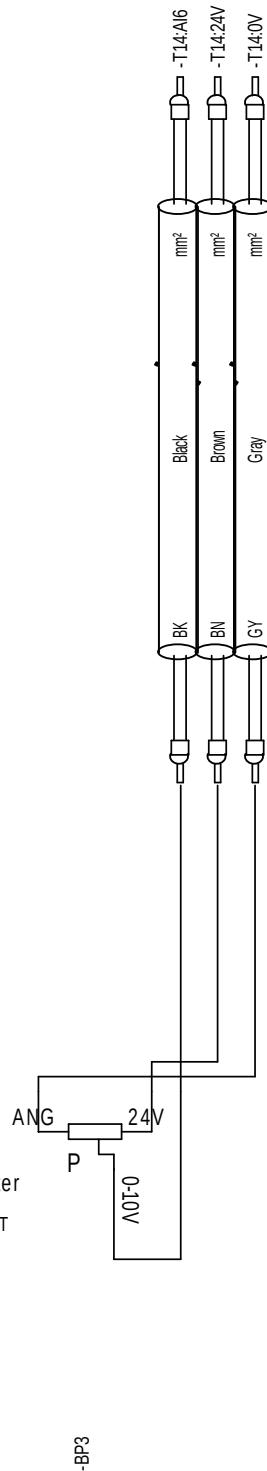
-W509

Room sensor 2
Pt 1000



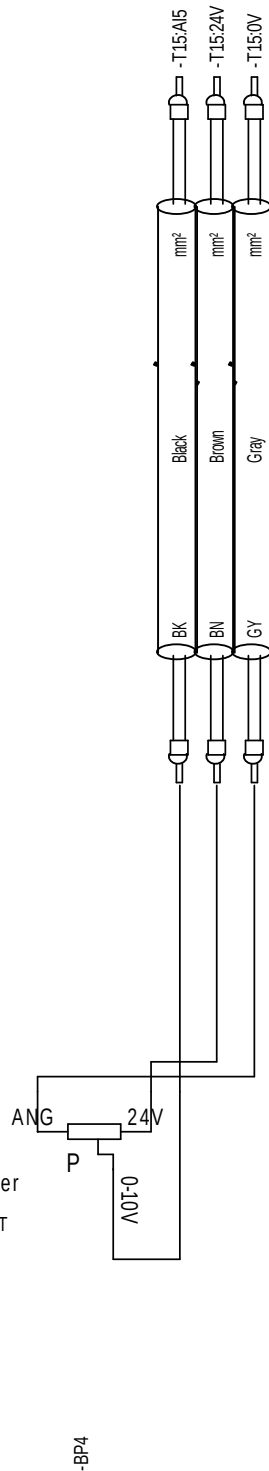
Remark: Pressure Supply air external
Cable-type:

-W513

Pressure transmitter
DPT

Remark: Pressure Extract air external
Cable-type:

-W514

Pressure transmitter
DPT

Geniox
Access CU 40-C

-W508, -W509, -W513, -W514

Project:

Geniox-DV Control system 04.04

Rev.:

01.00

Sheet:

104

Date _____

26-11-2018

initials: MI

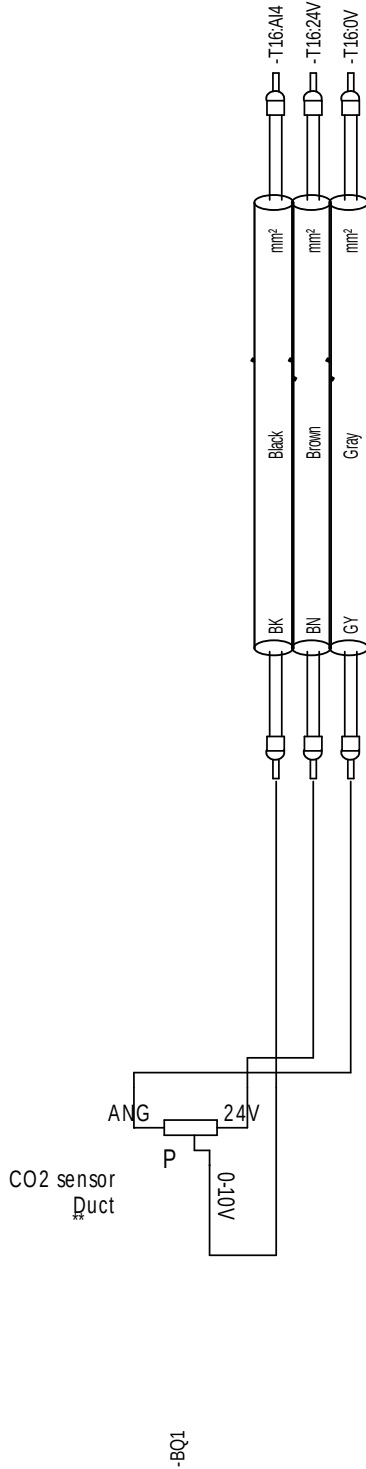
Total sheets:

Next sheet:

Cable Plan

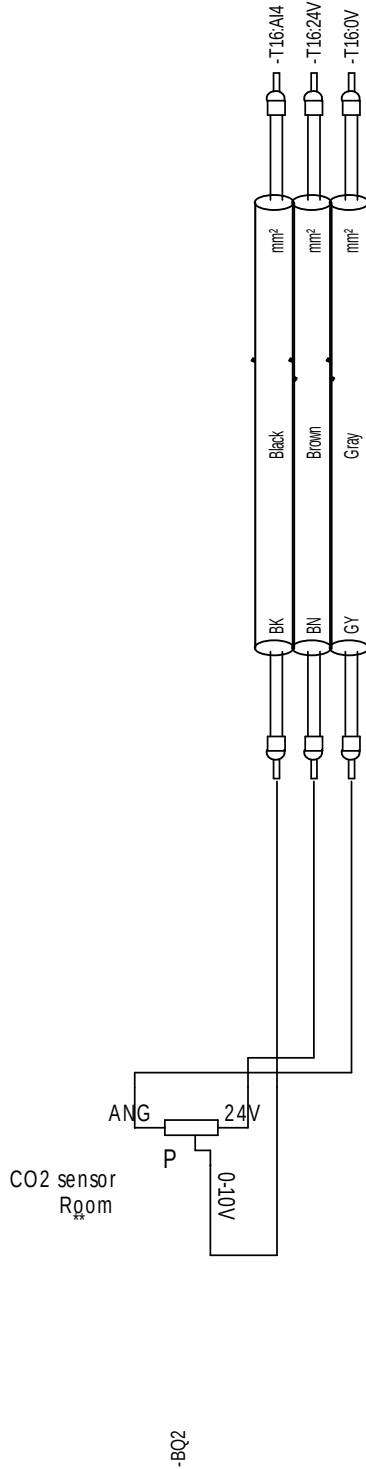
Remark: CO2 Sensor
Cable-type:

-W515



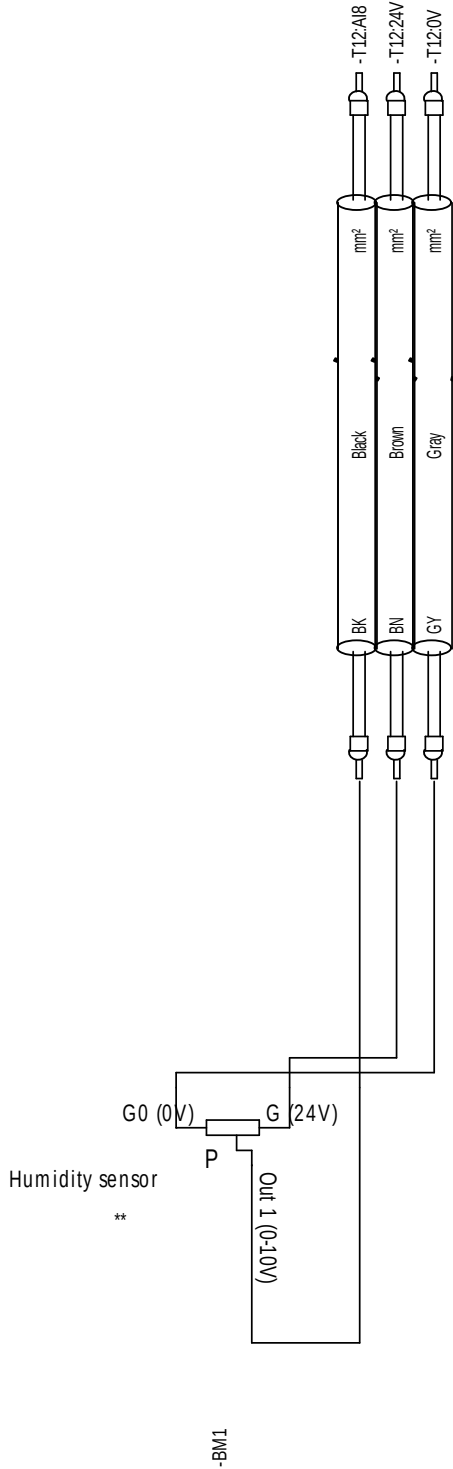
Remark: CO2 Sensor
Cable-type:

-W516



Remark: Humidity sensor external
Cable-type:

-W517

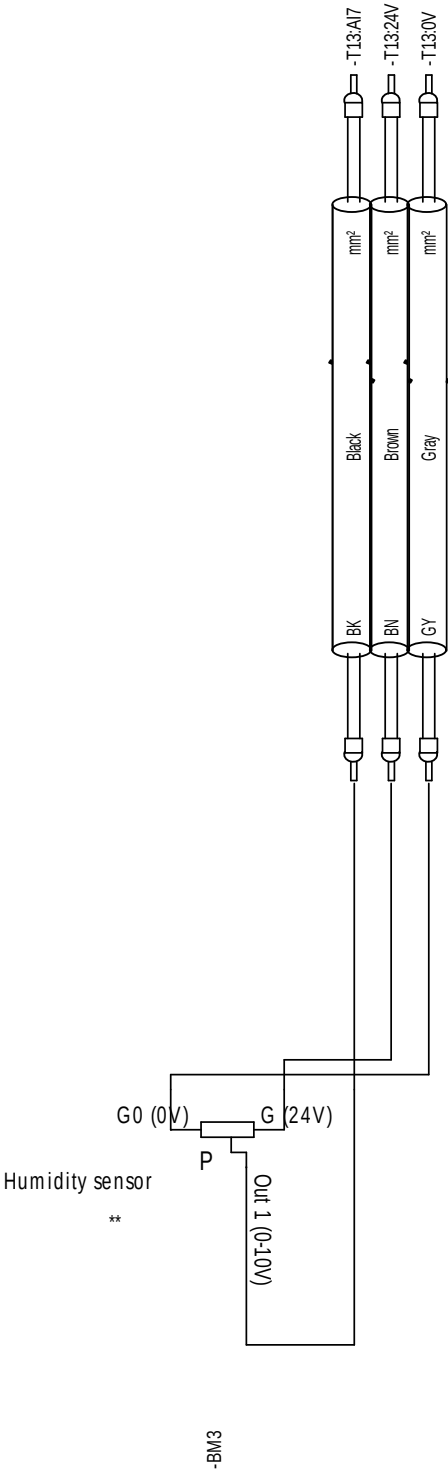


Path	7			9			1		
Sheet	13	13	13	13	13	13	13	13	13

Cable Plan

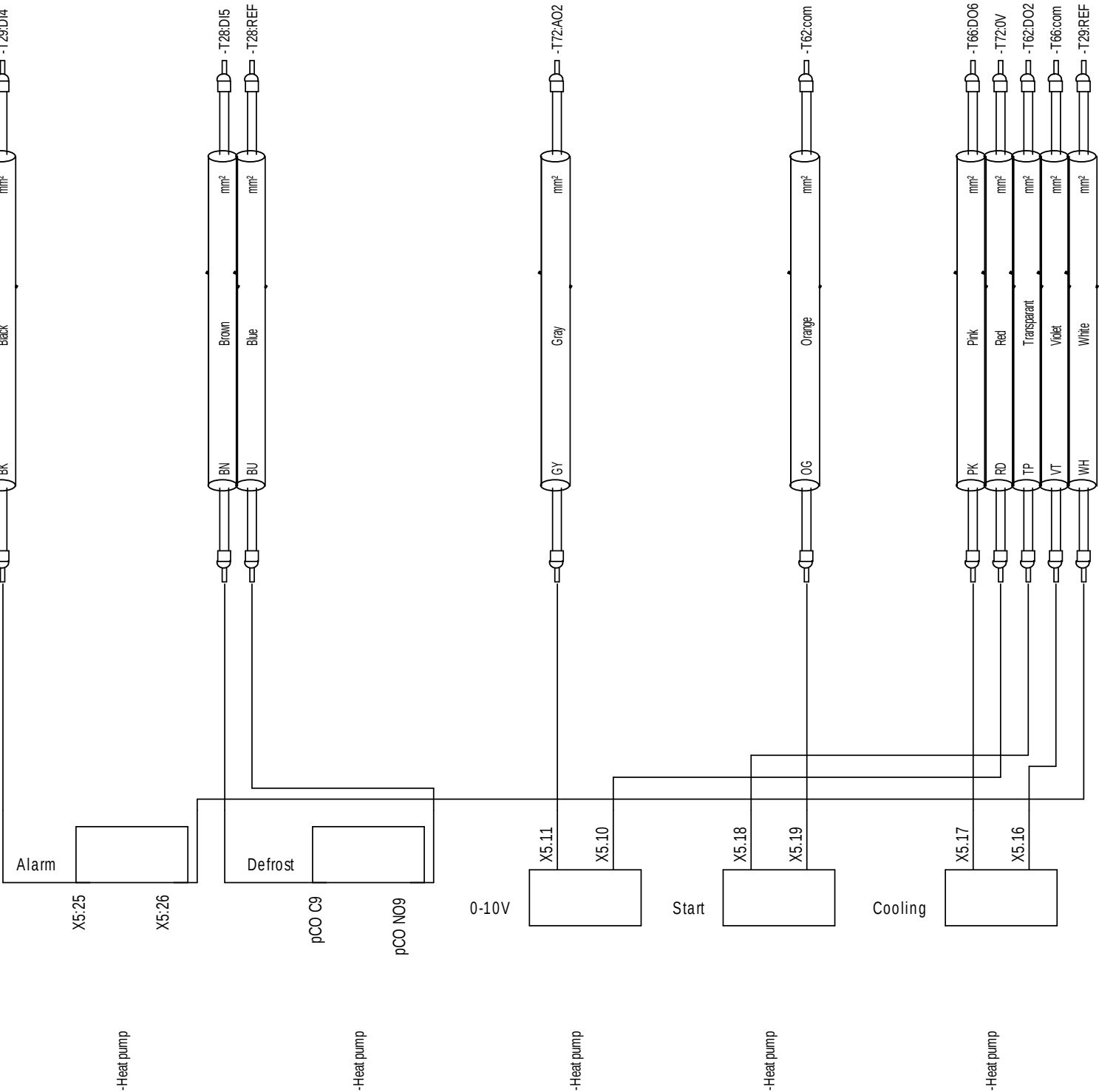
Remark: Humidity sensor
Cable-type:

-W519



Remark: HP Control
Cable-type:

-W528



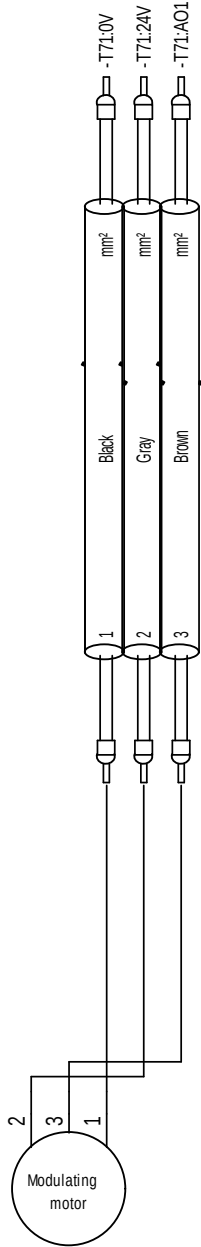
Path	Sheet
2	13
3	13
2	13
5	10
8	10
8	10
5	17
4	15
4	16
5	17
4	15
4	16
6	10

Cable Plan

Remark: Heating valve
Cable-type:

-W551

Valve
Heating

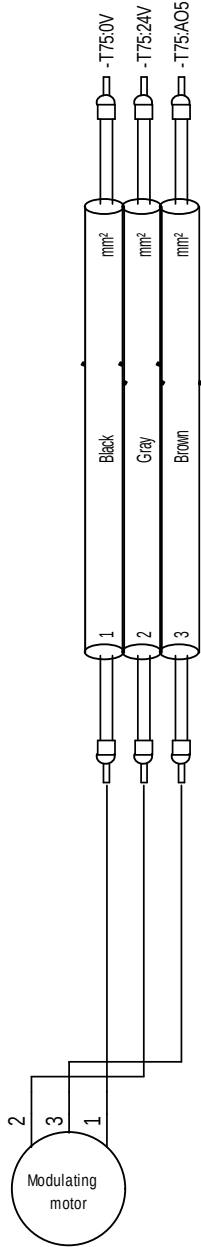


-QN151

Remark: Heating valve
Cable-type:

-W552

Valve for heating 2

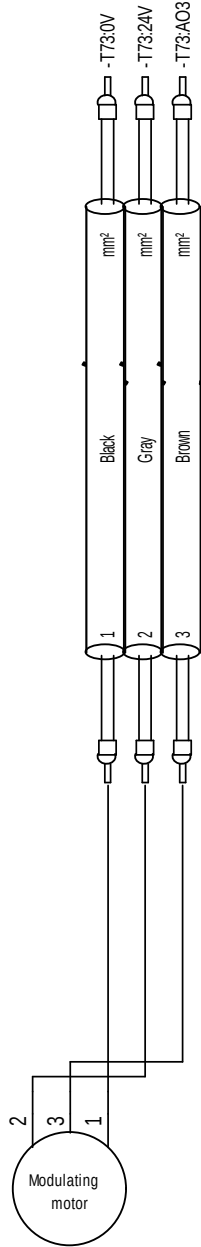


-QN152

Remark: Heating valve
Cable-type:

-W553

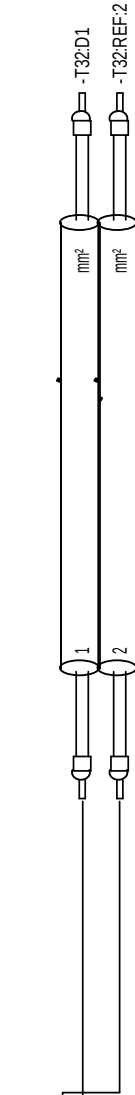
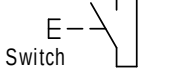
Valve
Pre-Heating



-QN153

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

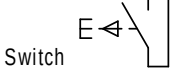
-W580



-SF2

Remark: Normal speed-ext.
Cable-type:

-W581

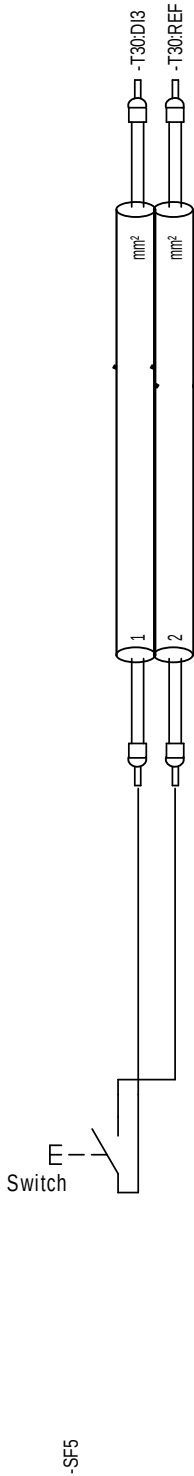


-SF3

Path	Sheet
0	17
0	17
0	17
4	18
3	18
3	18
7	17
6	17
6	17
1	10
1	10
2	10
3	10

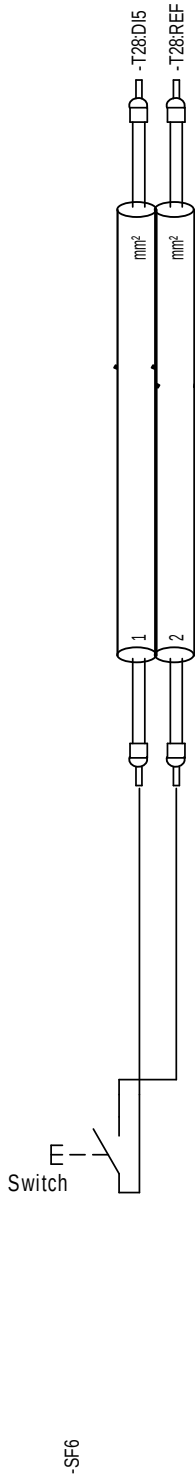
Cable Plan

-W583
Remark: Ext. stop
Cable-type: 2x0,75mm2



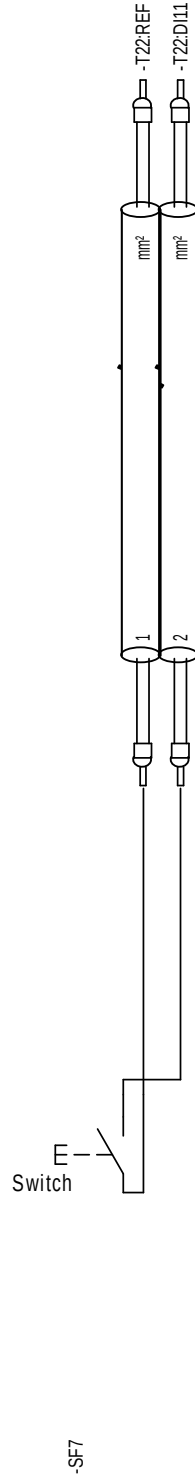
-W584

Remark: Change over
Cable-type:



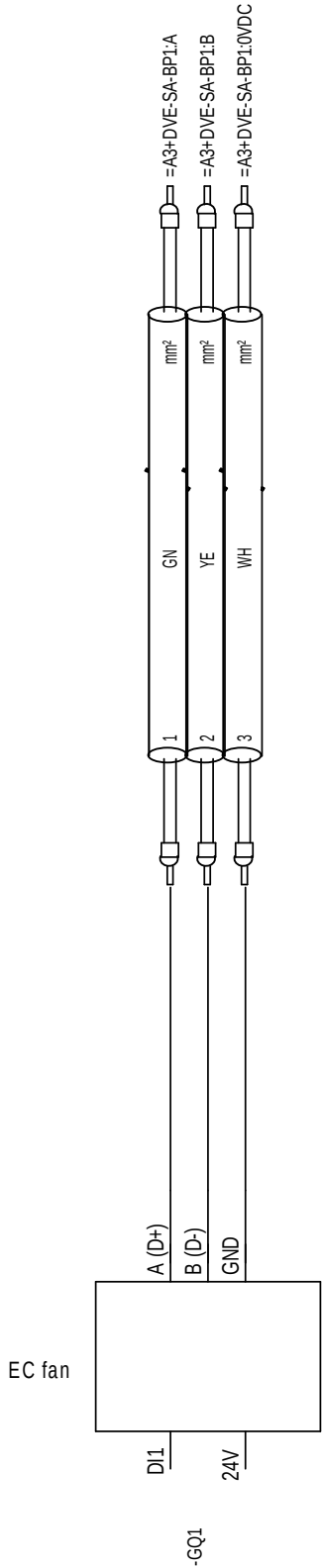
-W585

Remark: Recirculation
Cable-type:



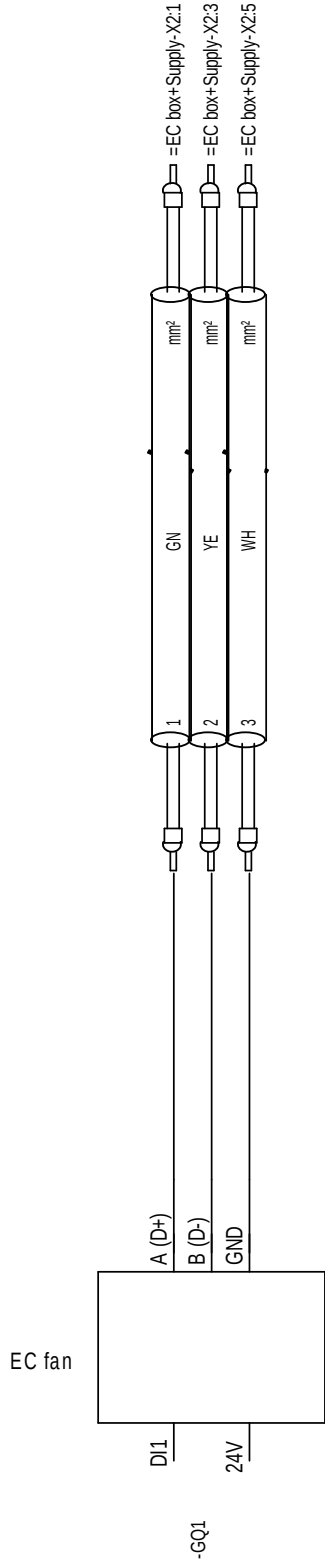
-W601

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



-W601'

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

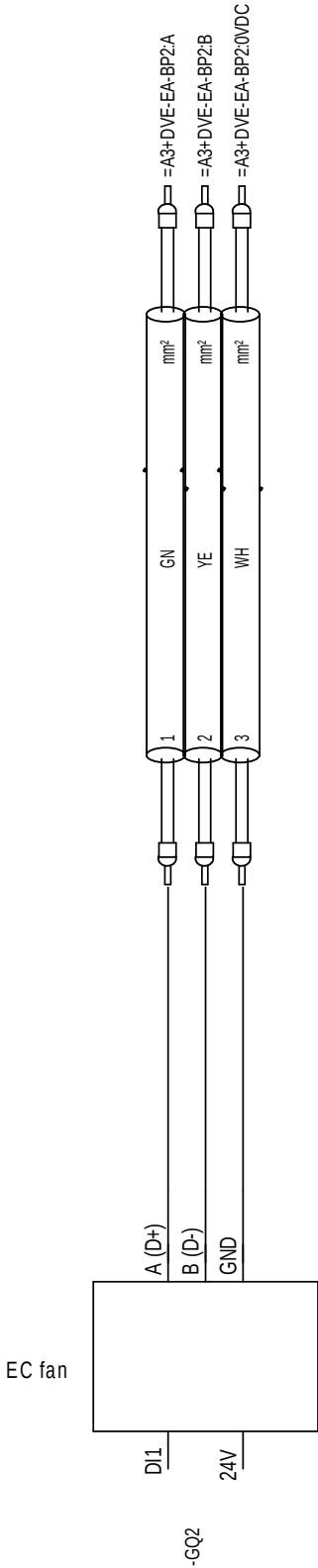


Path	Sheet
4	10
4	10
7	10
8	10
4	12
4	12
0	31
1	31
1	31
3	31
3	31
4	31

Cable Plan

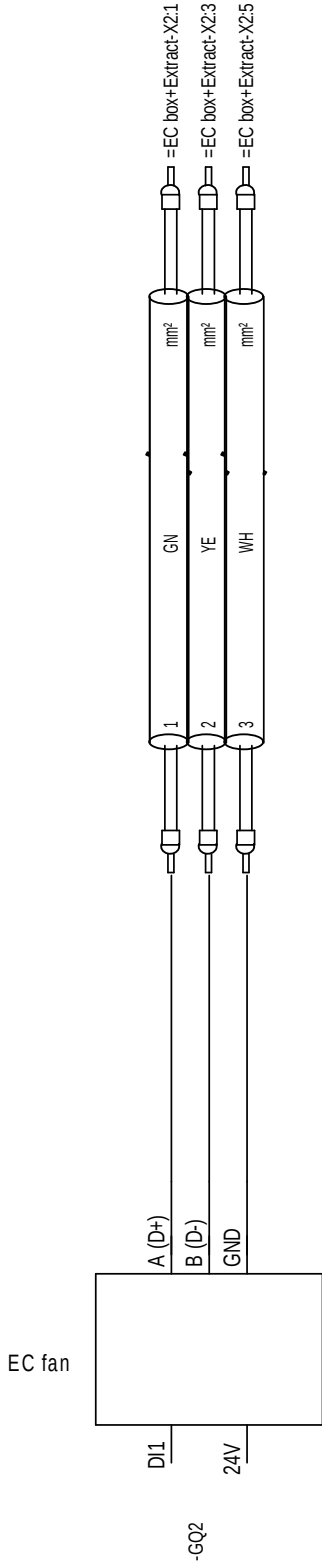
Remark: GQ2 BUS
Cable-type: 4x0,6mm2

-W602



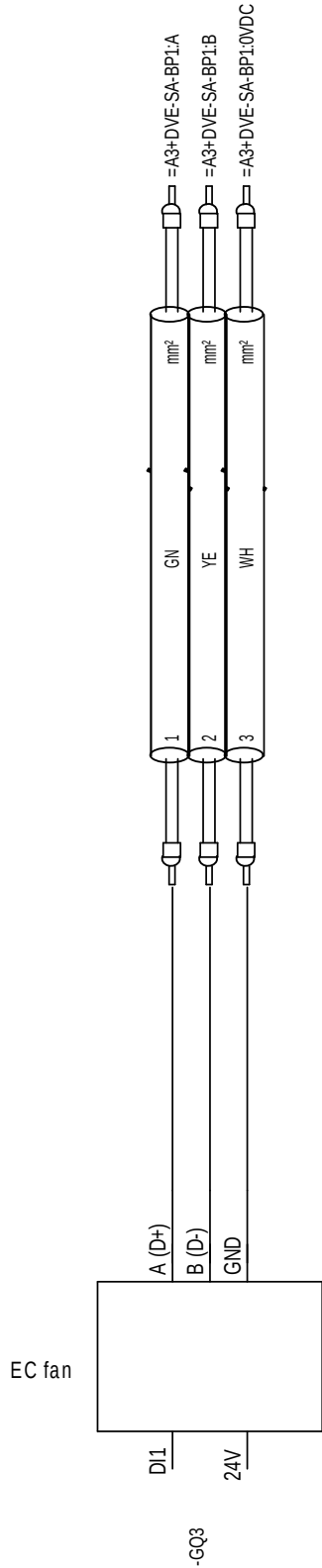
Remark: GQ2 BUS
Cable-type: 4x0,6mm2

-W602'



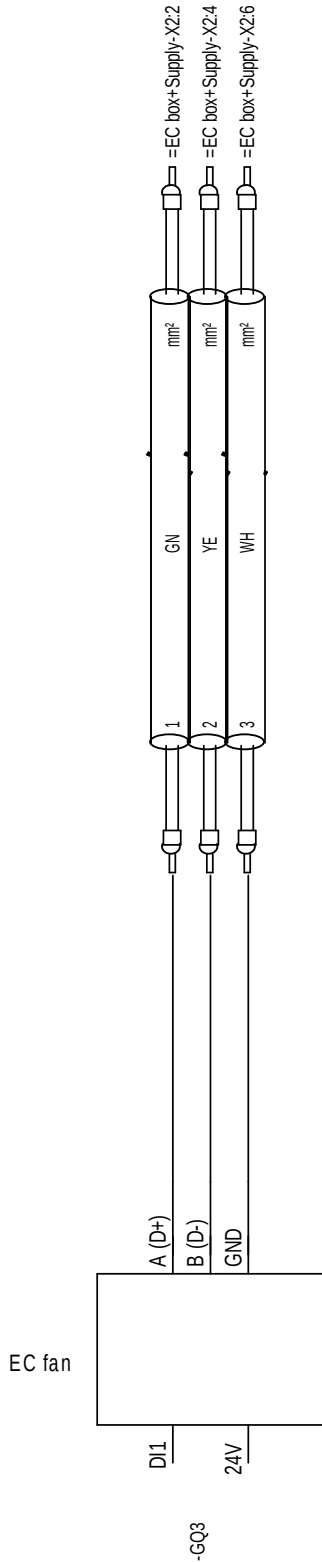
Remark: GQ3 BUS
Cable-type: 4x0,6mm2

-W603



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

-W603'

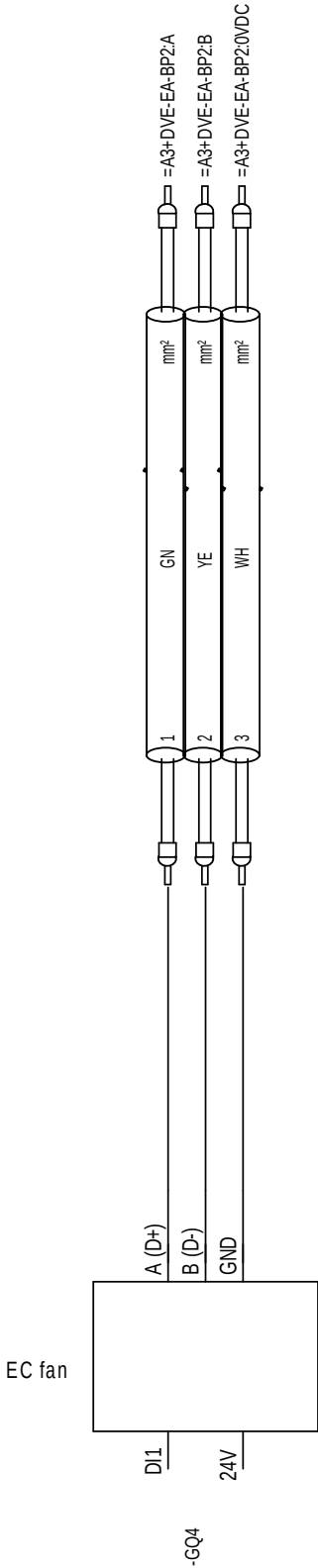


Path	Sheet
0	32
1	32
1	32
3	32
3	32
4	32
2	31
2	31
2	31
5	31
5	31
5	31

Cable Plan

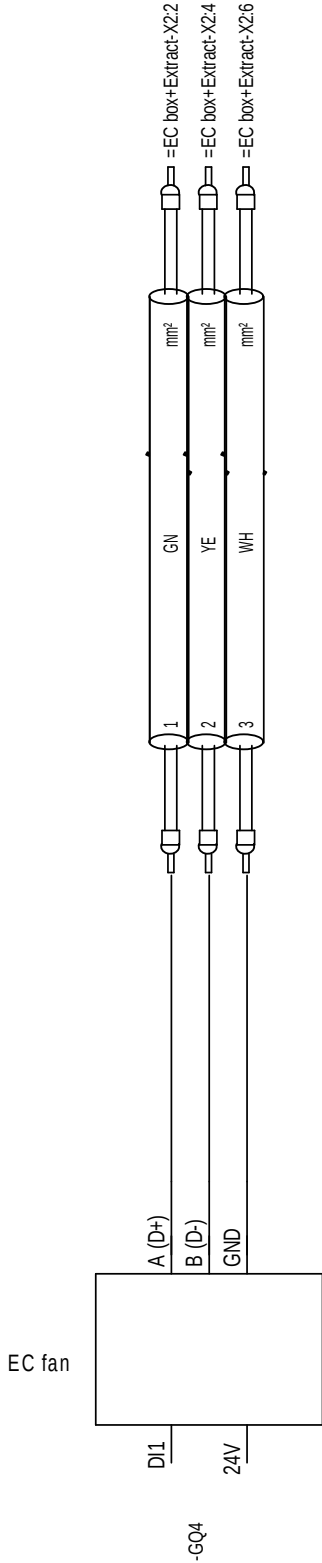
Remark: GQ4 BUS
Cable-type: 4x0,6mm2

-W604



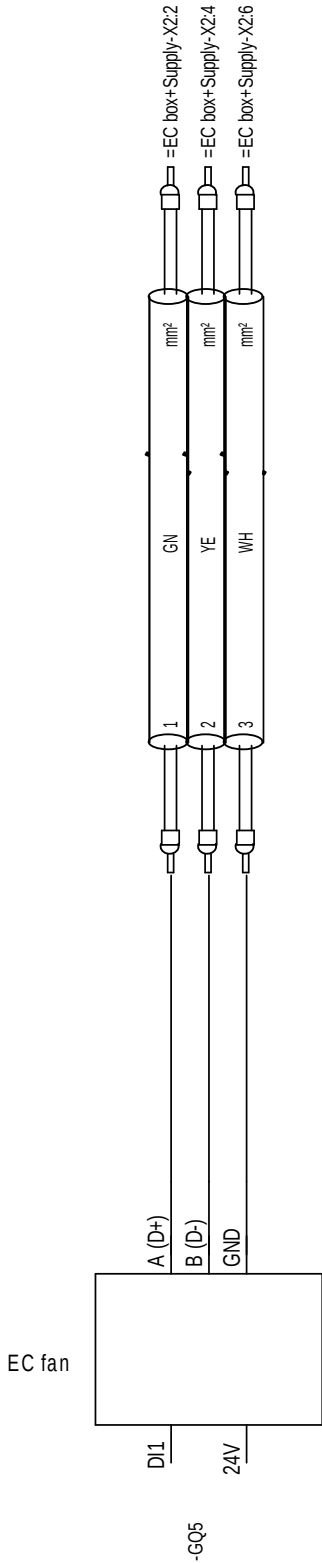
Remark: GQ4 BUS
Cable-type: 4x0,6mm2

-W604'



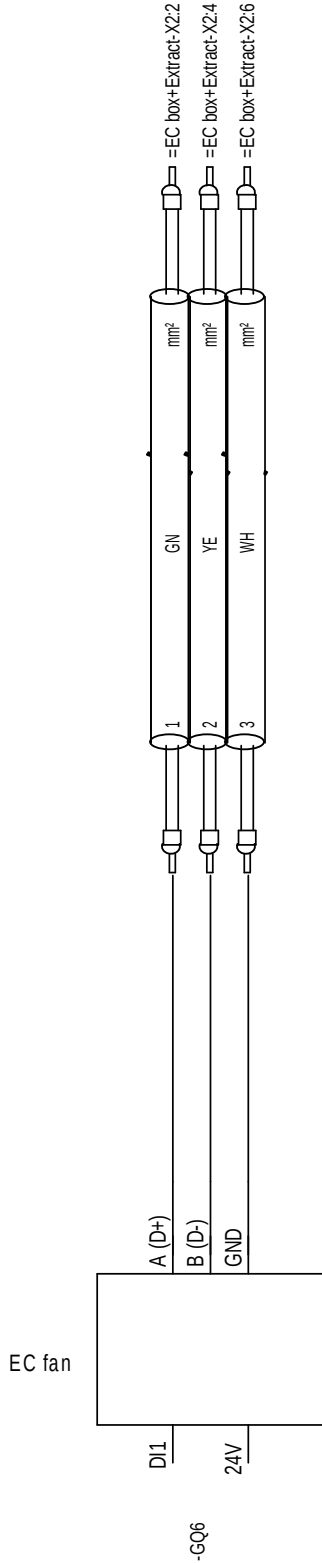
Remark: GQ5 BUS
Cable-type: 4x0,6mm2

-W605'



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

-W606'

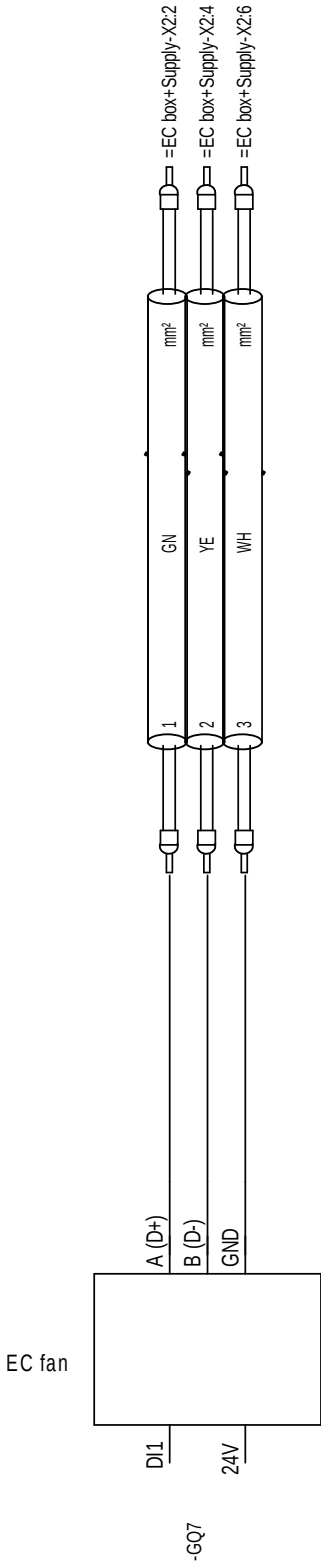


Path	Sheet
2	32
2	32
2	32
5	32
5	32
5	32
6	31
6	31
6	31
6	32
6	32
6	32

Cable Plan

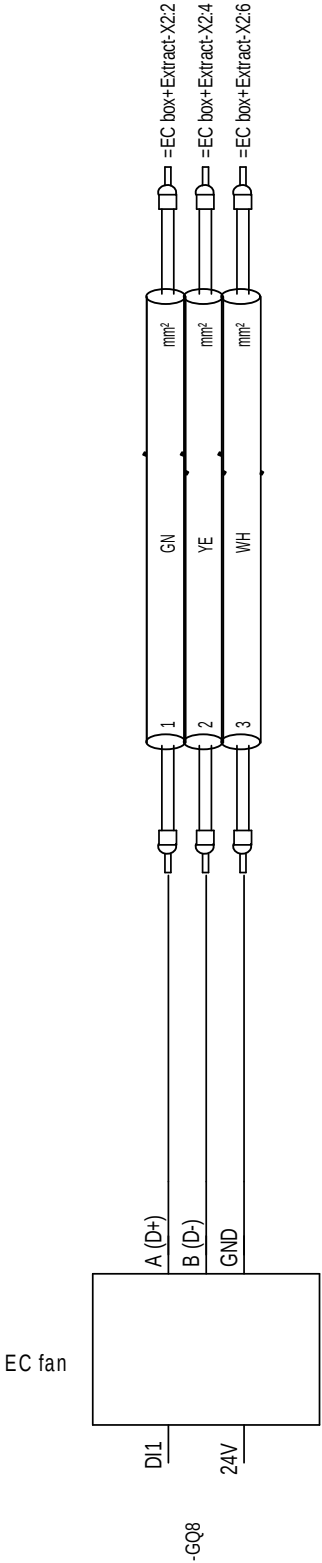
Remark: GQ7 BUS
Cable-type: 4x0,6mm2

-W607'



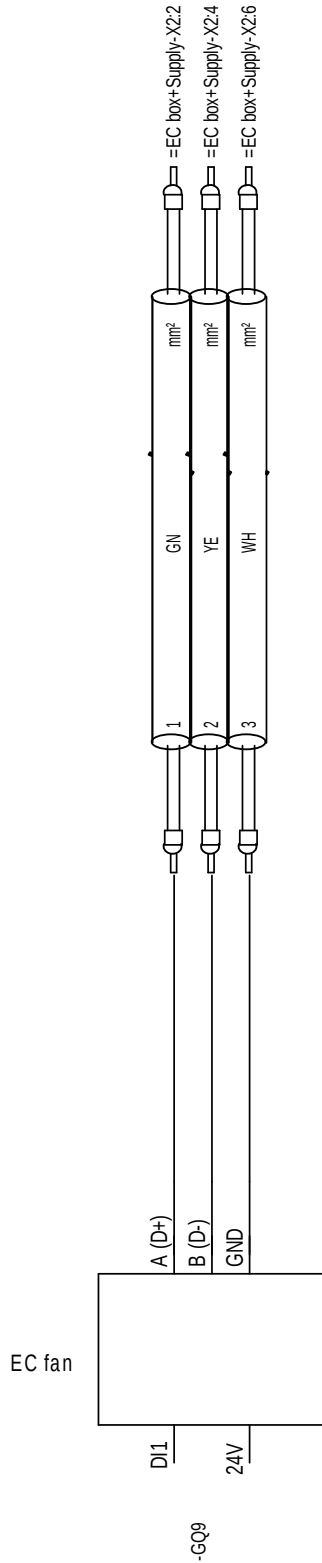
Remark: GQ8 BUS
Cable-type: 4x0,6mm2

-W608'



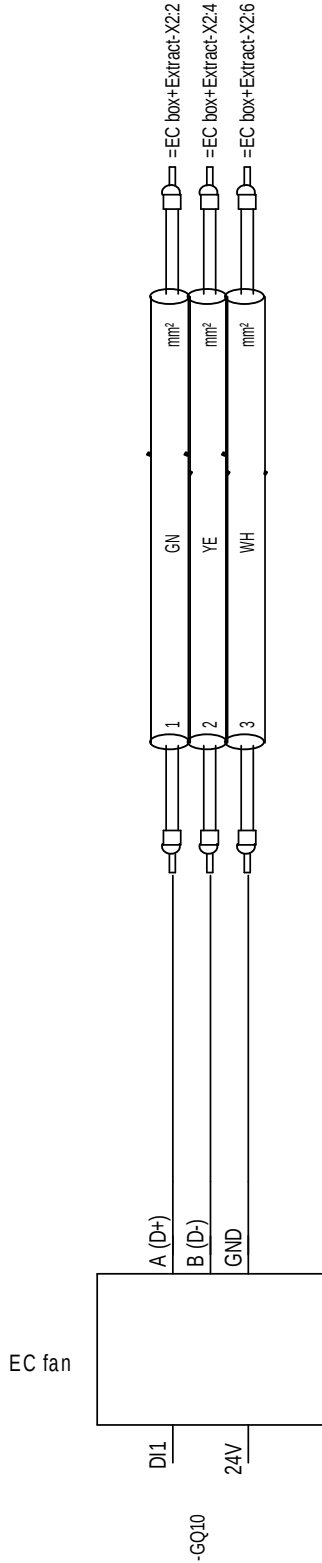
Remark: GQ9 BUS
Cable-type: 4x0,6mm2

-W609'



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

-W610'



Remark: Supply
Cable-type:

-W631.1/S

Path	Sheet
7	31
7	31
7	31
7	32
7	32
7	32
9	31
9	31
9	31
9	32
9	32
9	32

Cable Plan

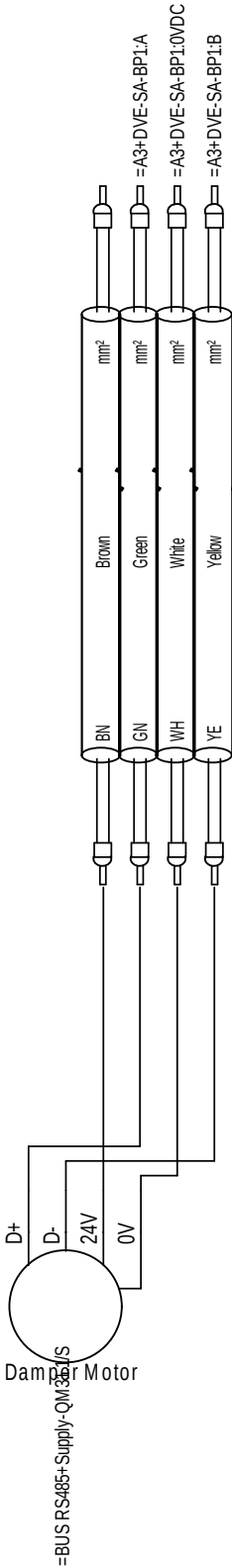
-W631.1/S

Remark: Supply
Cable-type:



Path
Sheet

1
33

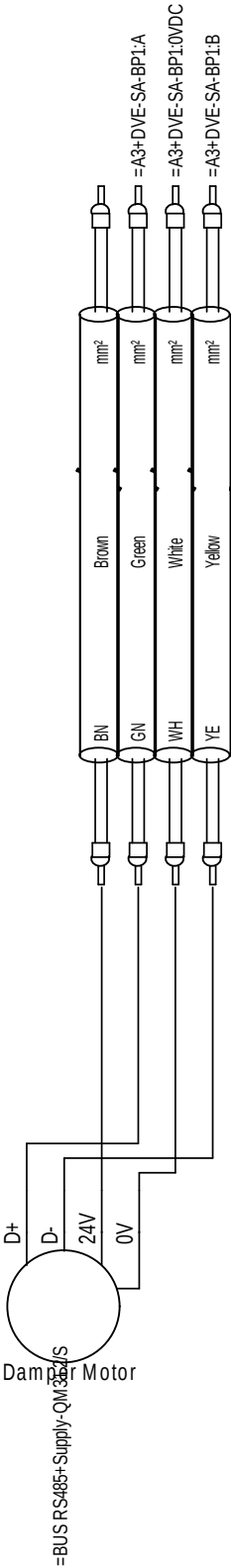


-W631.2/S

Remark: Supply
Cable-type:

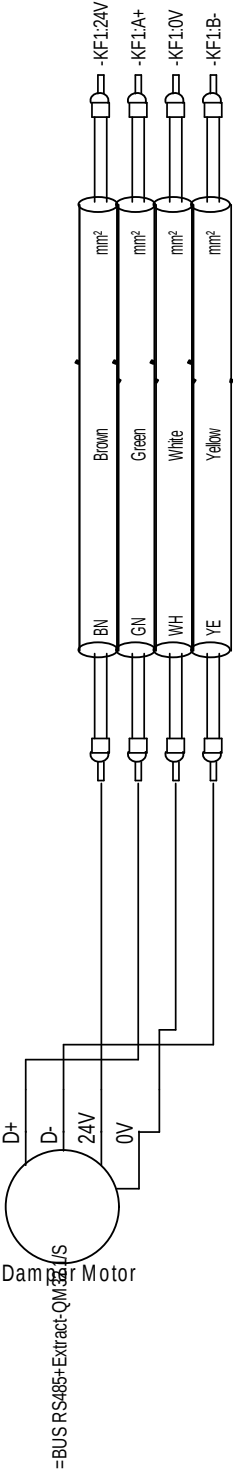


2



-W632.1/S

Remark: Extract
Cable-type:



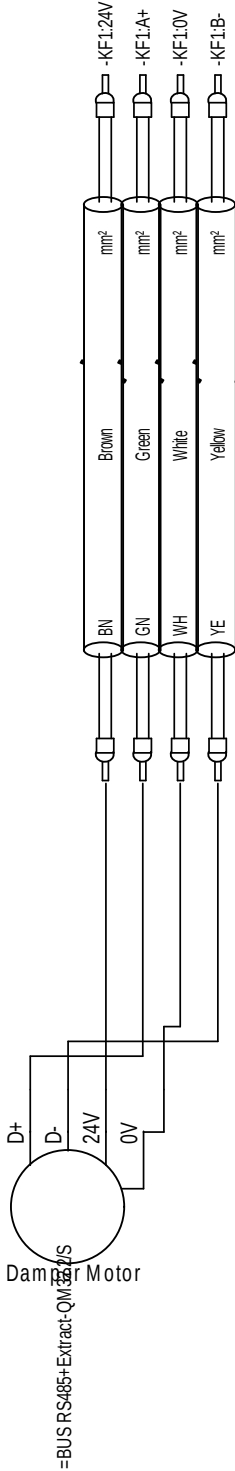
2
2
2
2

33	34	34	34	34
----	----	----	----	----

Cable Plan

-W632.2/S

Remark: Extract
Cable-type:



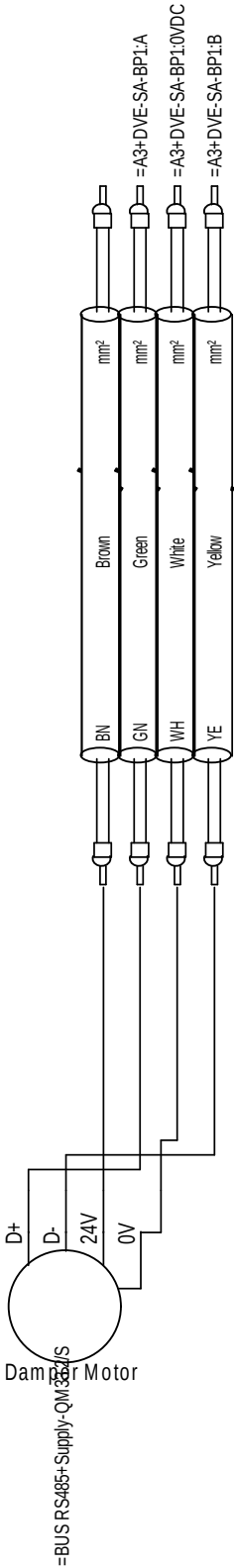
-W633.1/S

Remark: REC
Cable-type:



-W633.2/S

Remark: REC
Cable-type:



Path	Sheet
3	34
3	34
3	34
3	34
7	33
7	33
7	33
7	33
8	33
8	33
8	33
8	33

Cable Plan

-W642

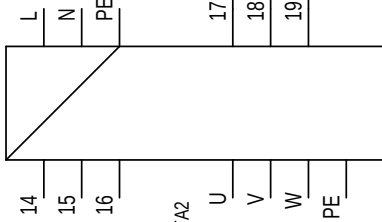
Remark: TA2 BUS
Cable-type:



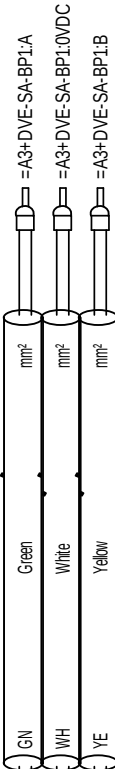
Path
Sheet

7
35

Rotor Control



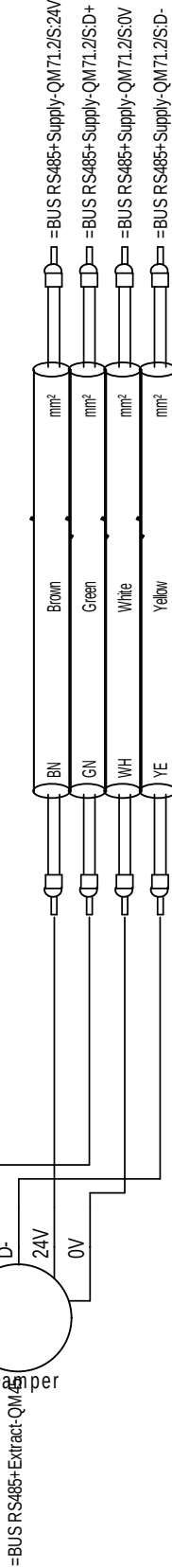
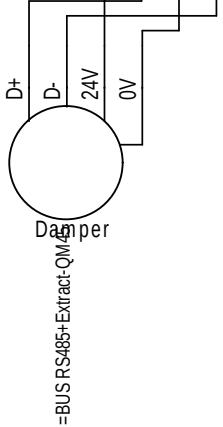
=A1+RHC-TA2



6
35
35
35

-W645

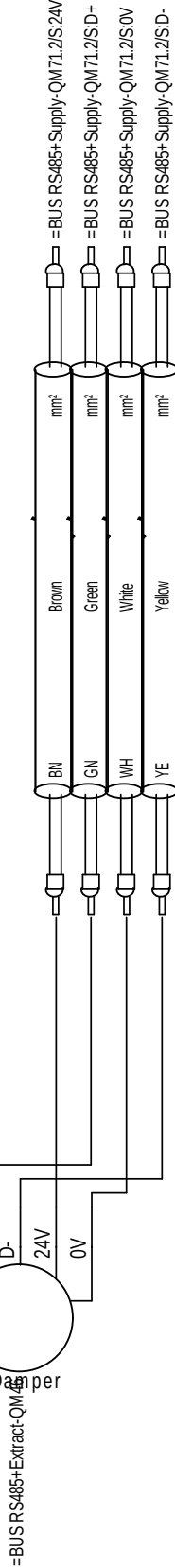
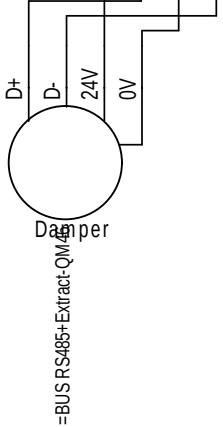
Remark: Extract
Cable-type:



1
35
35
35
35

-W646

Remark: Extract
Cable-type:

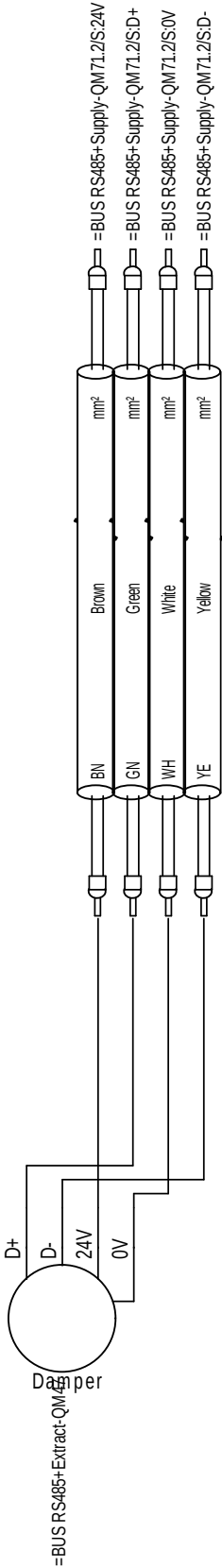


2
35
35
35
35

Cable Plan

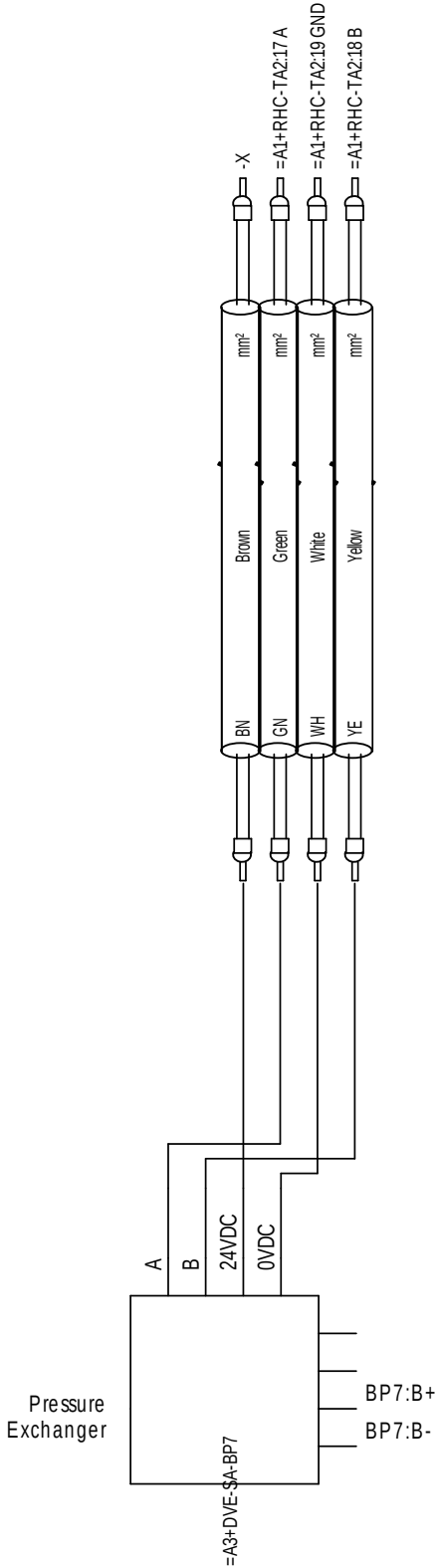
-W647

Remark: Extract
Cable-type:



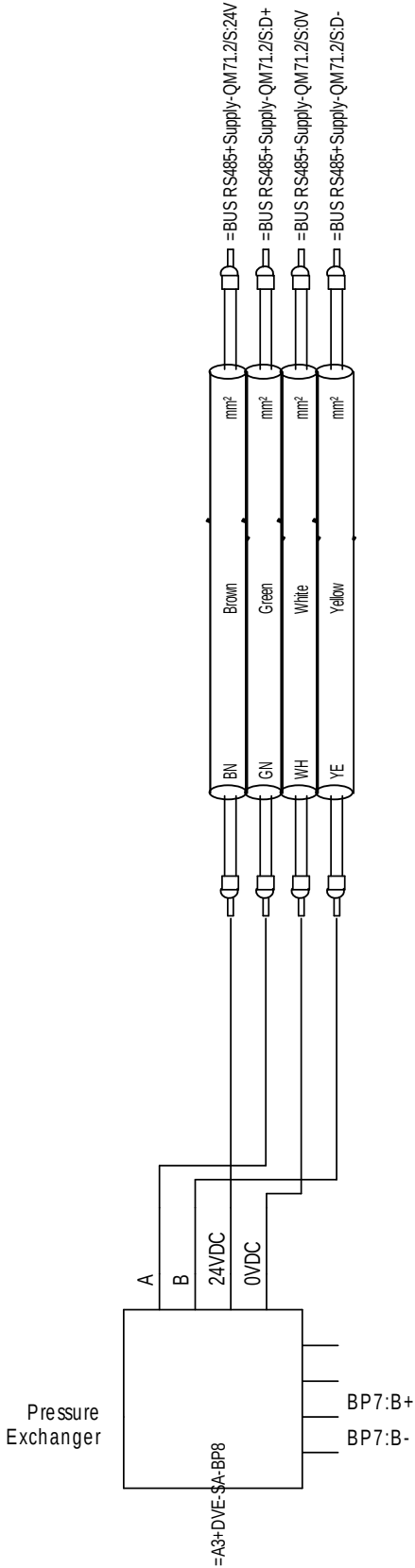
-W665

Remark: Pressure Rotor
Cable-type:



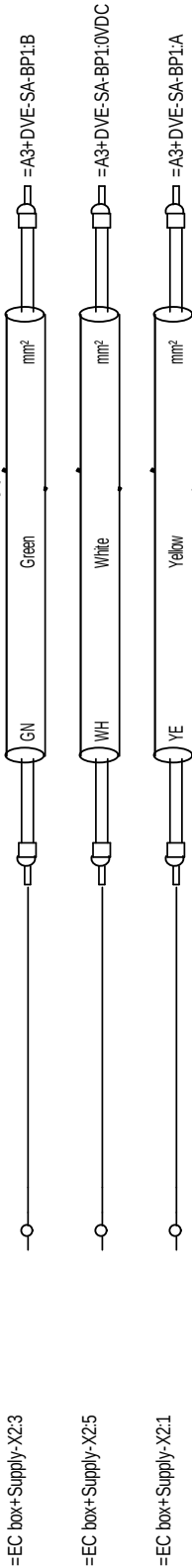
-W666

Remark: Pressure Plate
Cable-type:



-W667

Remark: Supply
Cable-type:



Path

Sheet

35
35
35
35

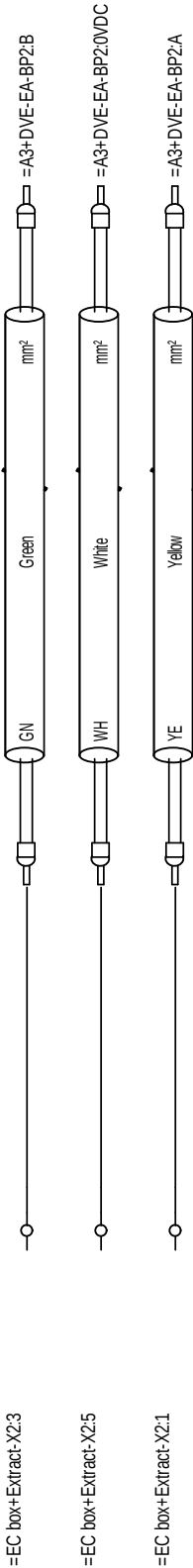
8
8
8
8

8
7
8
8

4
4
4

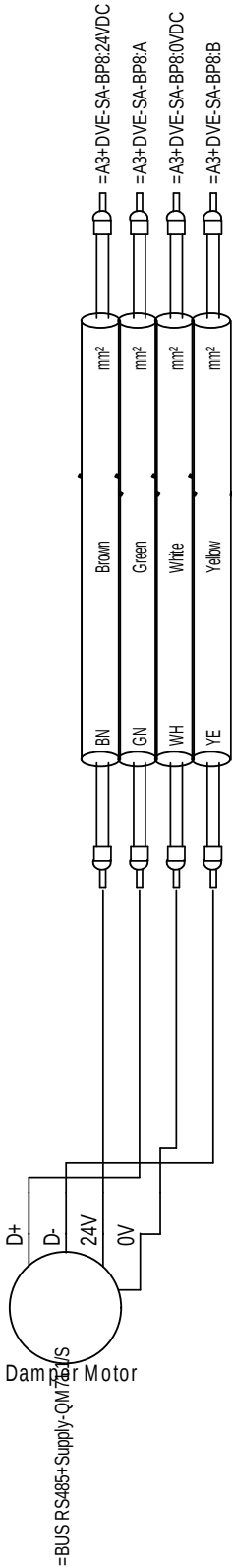
Cable Plan

-W668



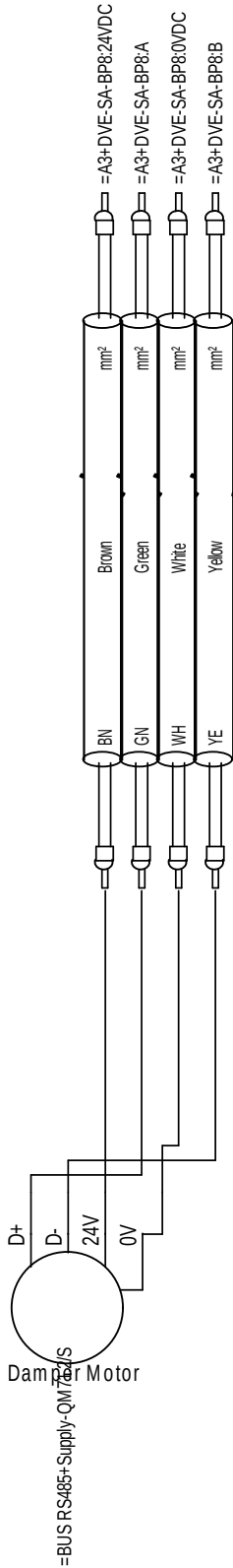
-W671.1/S

Remark: Supply 2
Cable-type:



-W671.2/S

Remark: Supply 2
Cable-type:



Cable Plan

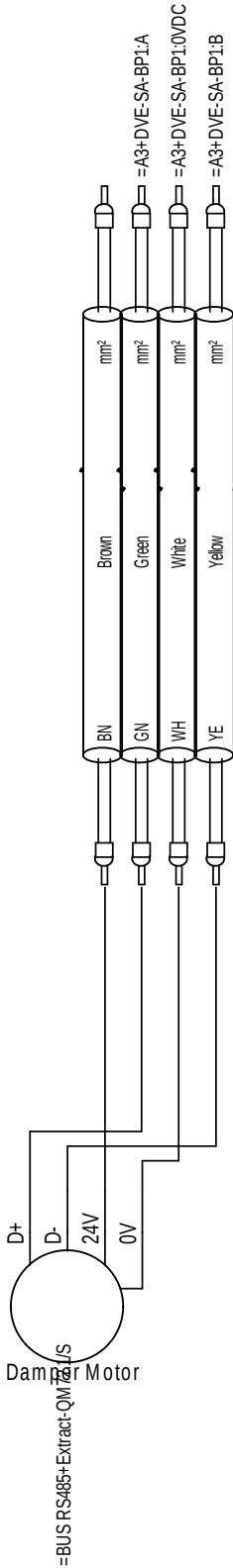
-W672.1/S

Remark: Extract 2
Cable-type:



Path
Sheet

4
33

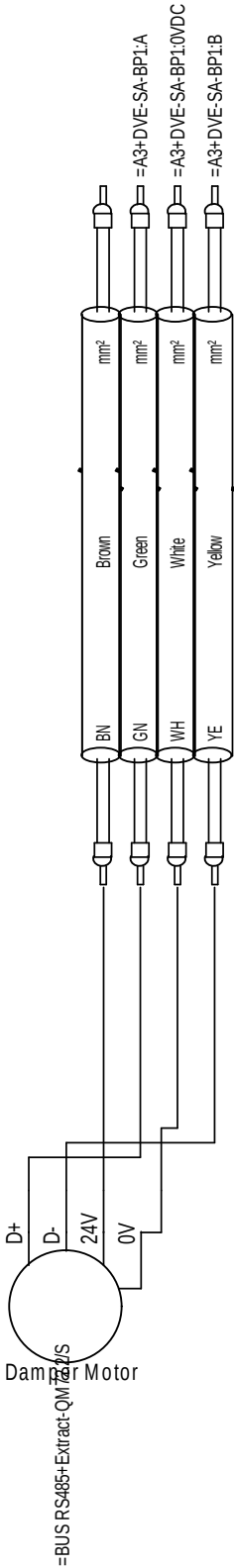


-W672.2/S

Remark: Extract 2
Cable-type:

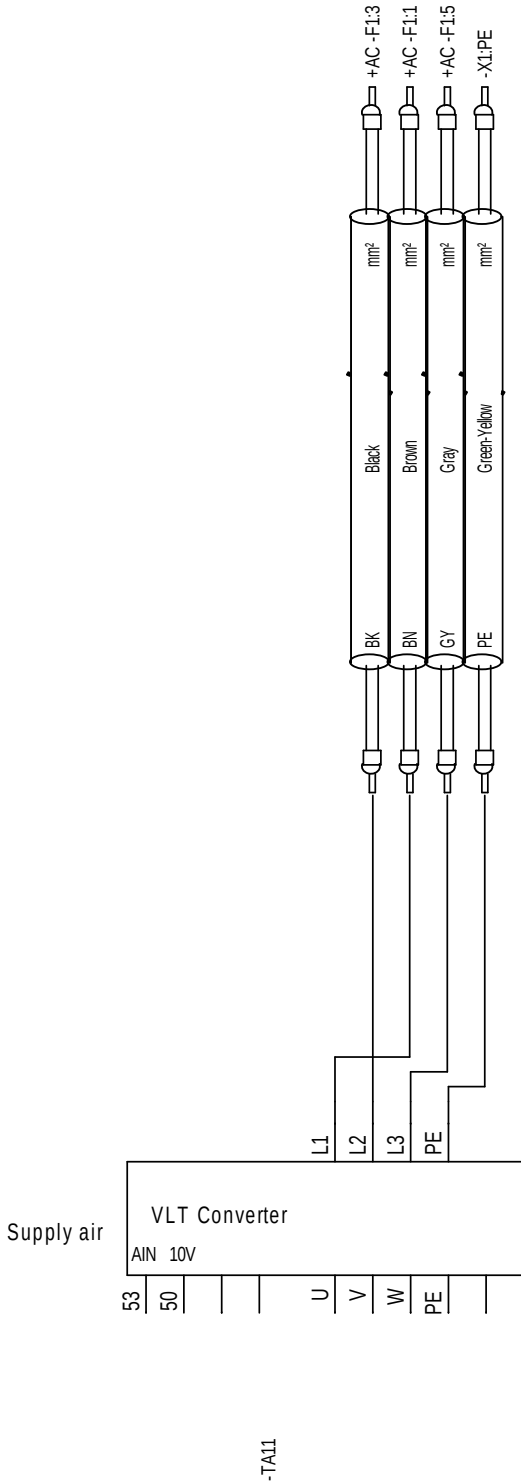


5
33



=A1-W111

Remark: VLT Supplyair
Cable-type:

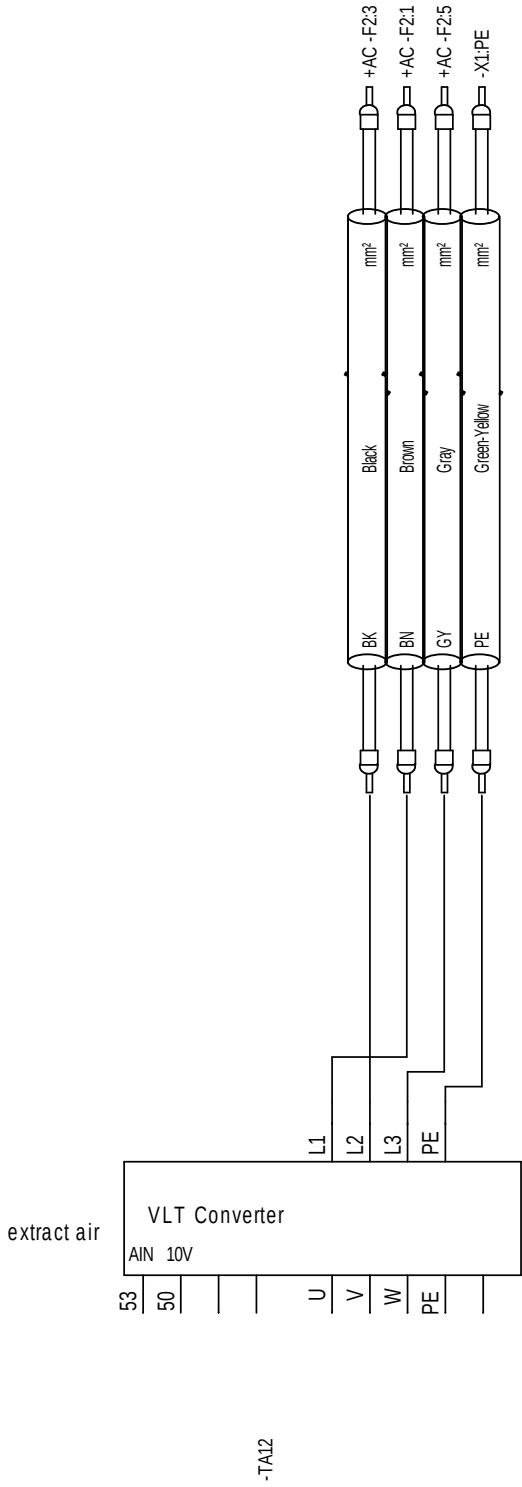


6
21
21
21
21

Cable Plan

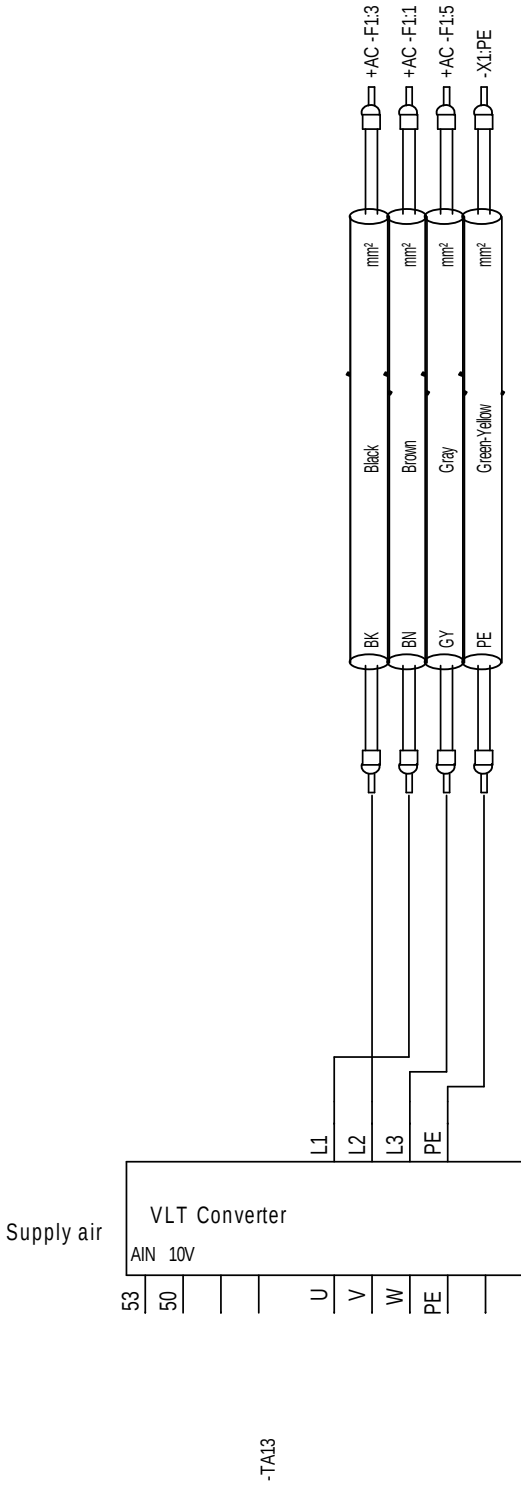
=A1-W112

Remark: VLT extract power
Cable-type:



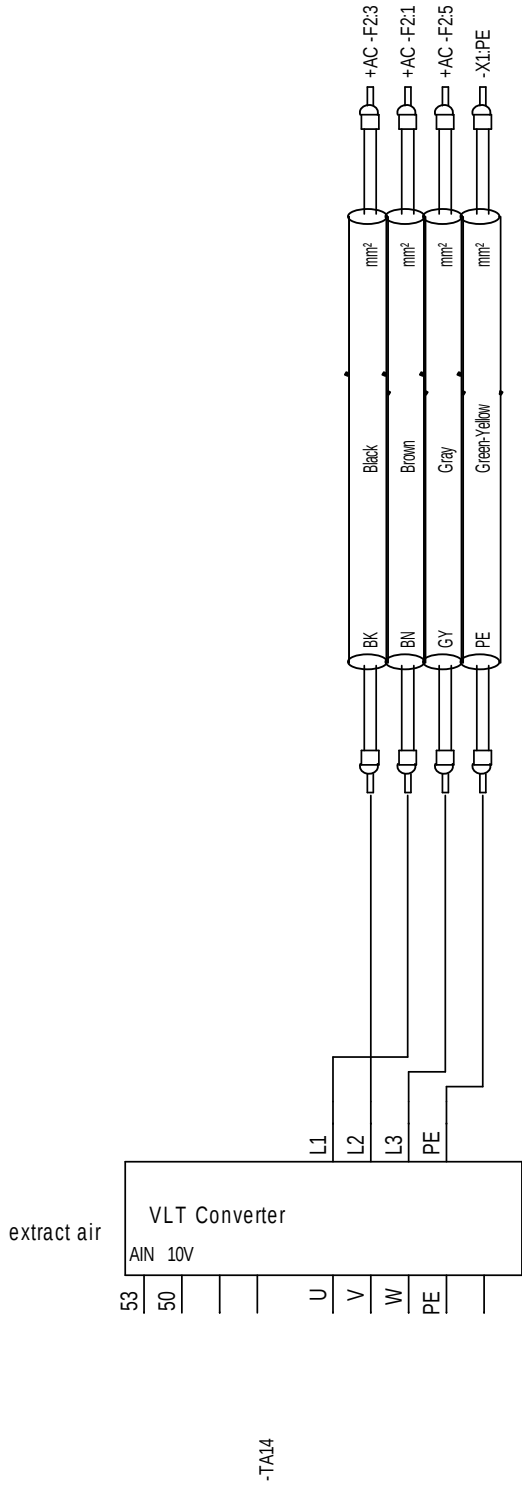
=A1-W113

Remark: VLT Supplyair
Cable-type:



=A1-W114

Remark: VLT extract power
Cable-type:



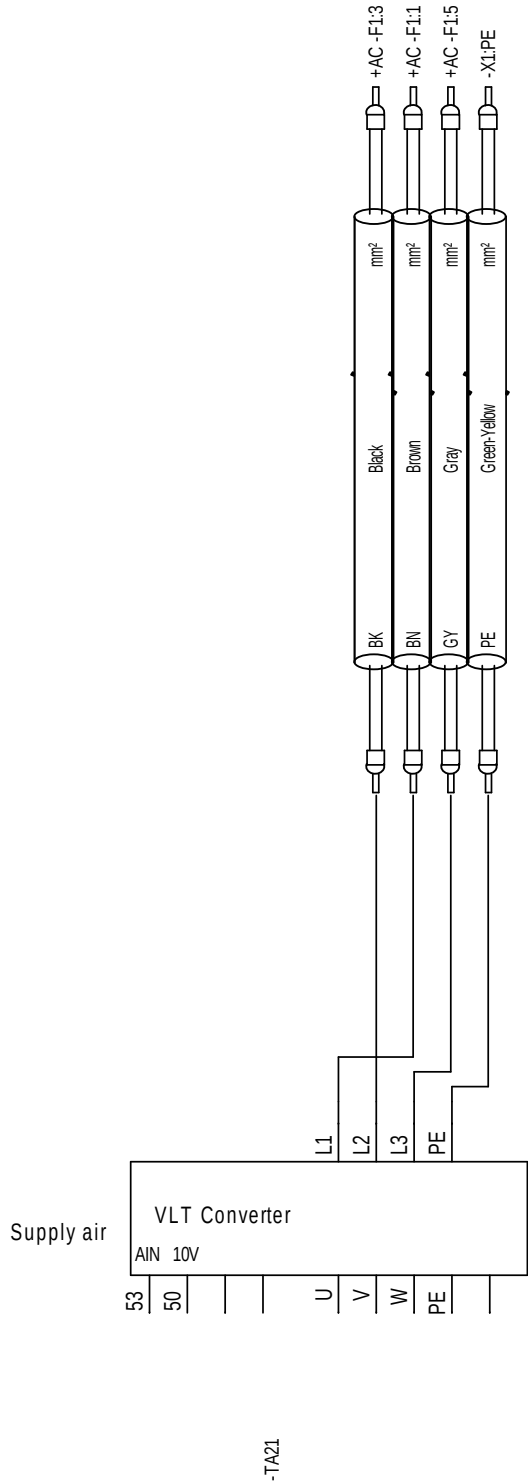
Path	Sheet
6	22
6	22
6	22
7	22
8	21
8	21
9	21
9	21
8	22
8	22
9	22
9	22

Cable Plan

Path		1	1	1	1		1	1	2	2		6	6	6	6	6		5	5
Sheet		21	21	21	21		22	22	22	22		21	21	21	21	21		21	21

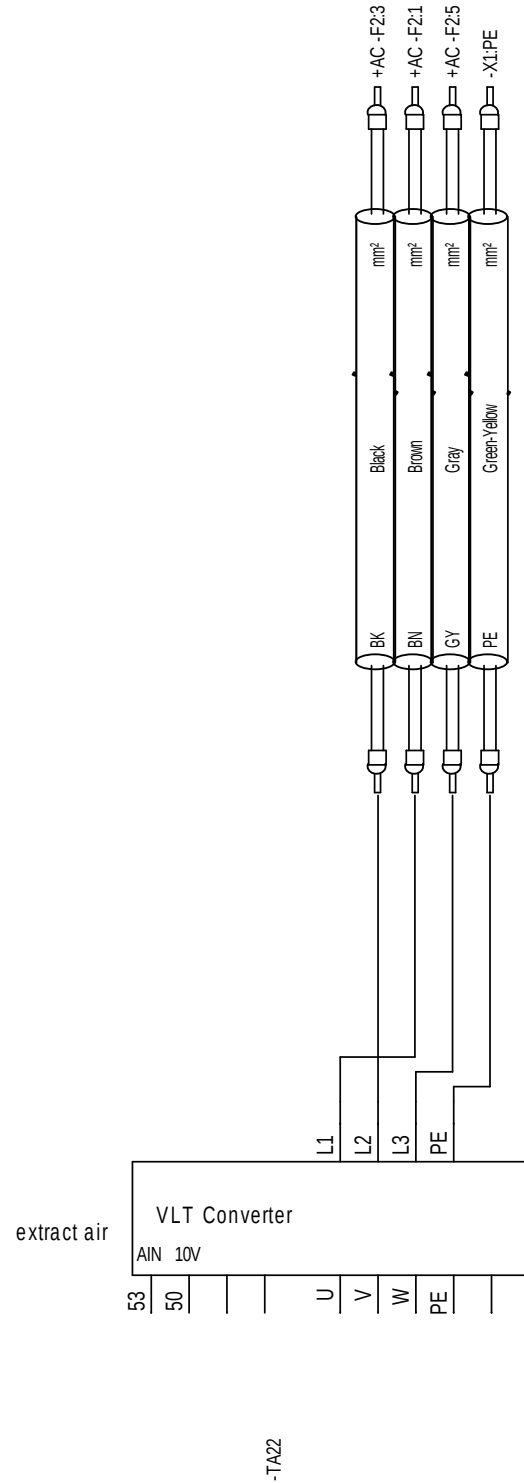
Remark: VLT Supplyair
Cable-type:

=A1-W121



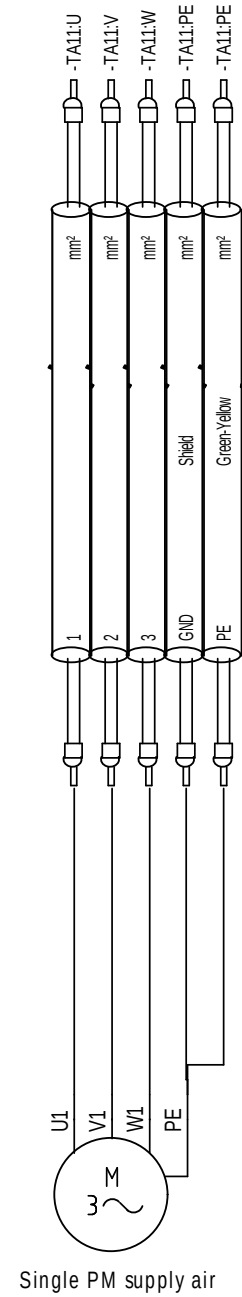
Remark: VLT extract power
Cable-type:

=A1-W122



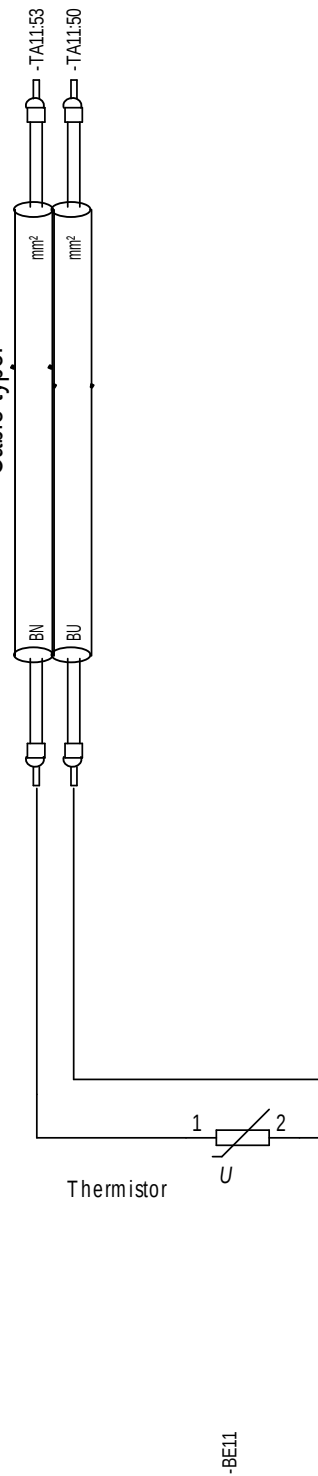
Remark: motor supplyair
Cable-type:

=A1-W311



Remark: Supply thermistor
Cable-type:

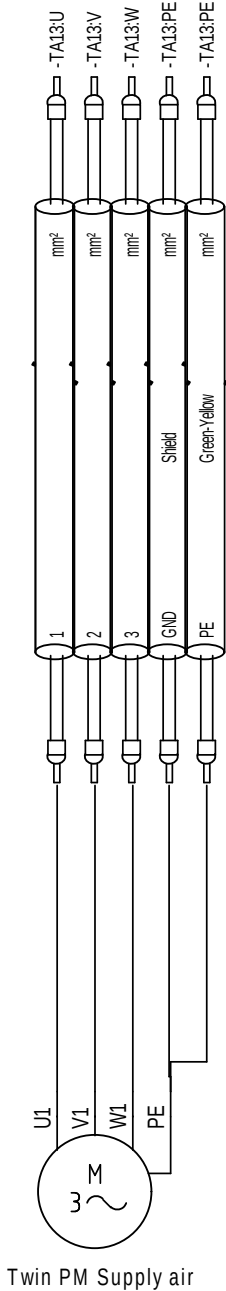
=A1-W311.1



Cable Plan

=A1-W313

Remark: motor supplyair
Cable-type:

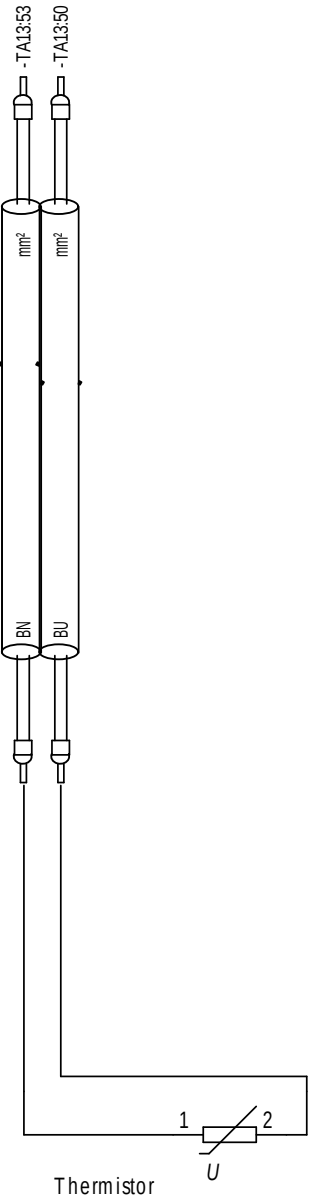


-MA13

Twin PM Supply air

=A1-W313.1

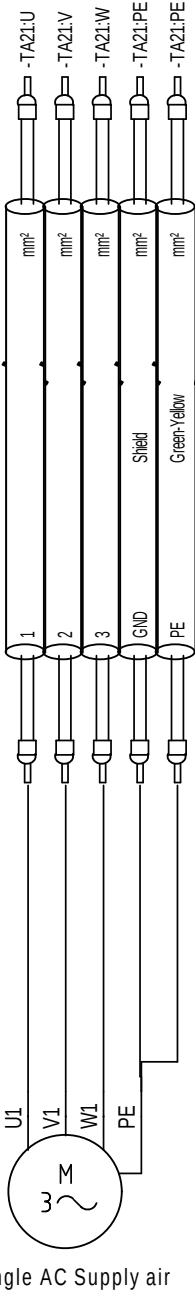
Remark: Supply thermistor
Cable-type:



-BE13

=A1-W321

Remark: motor supplyair
Cable-type:

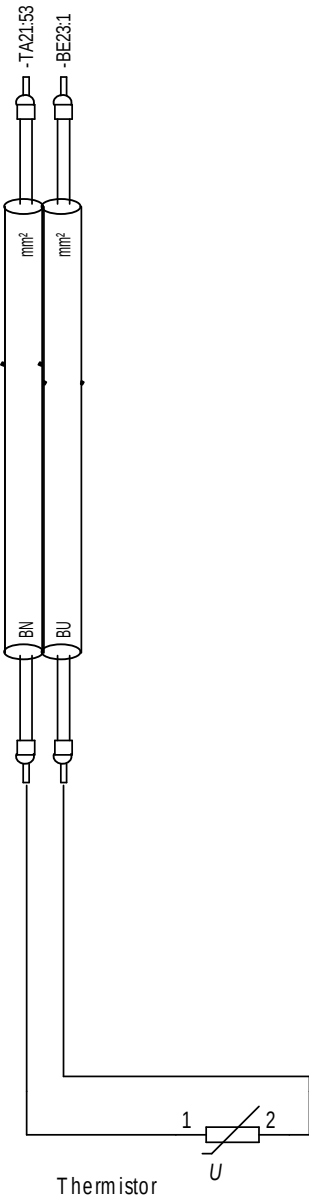


-MA21

Single AC Supply air

=A1-W321.1

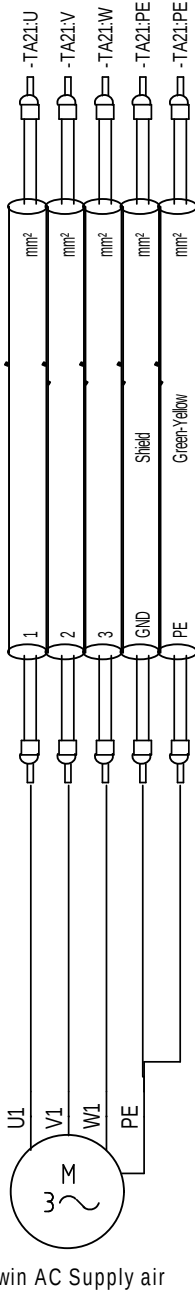
Remark: Supply thermistor
Cable-type:



-BE21

=A1-W323

Remark: motor supplyair
Cable-type:



-MA23

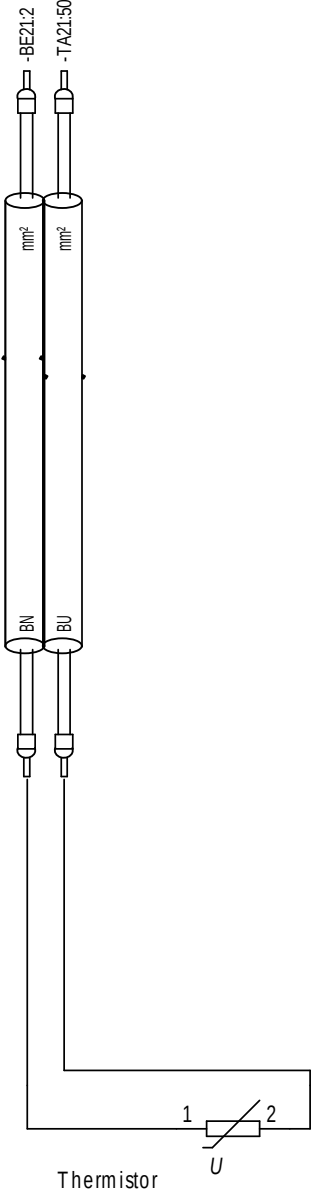
Twin AC Supply air

Sheet	Path
21	8
21	8
21	9
21	9
21	9
21	8
21	8
21	1
21	1
21	1
21	2
21	1
21	0
21	1
21	3
21	3
21	3
21	4
21	4

Cable Plan

=A1-W323.1

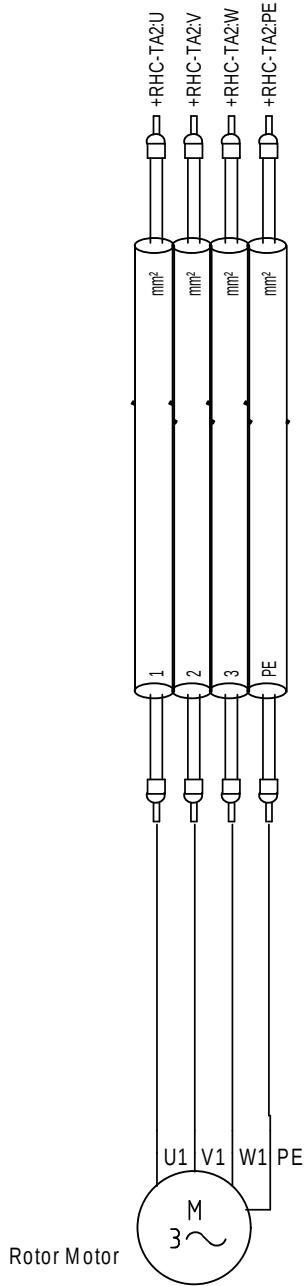
Remark: Supply thermistor
Cable-type:



-BE23

=A1-W332

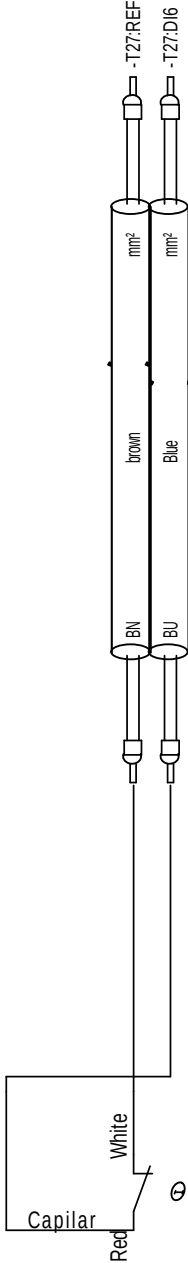
Remark: Rotor Motor
Cable-type:



+RHC-MA42

=A1-W359

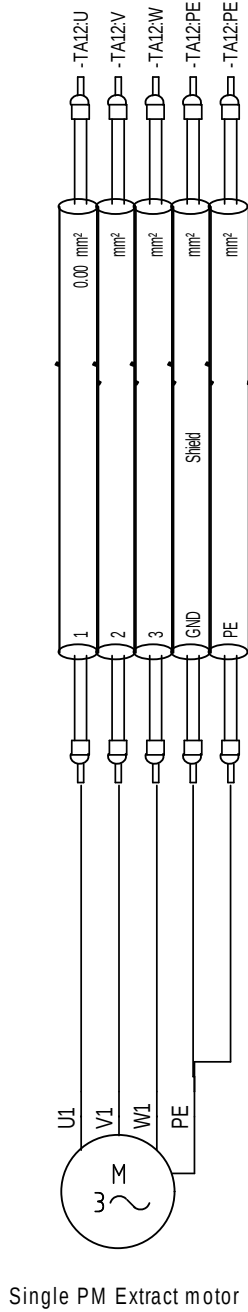
Remark: Capilarsensor
Cable-type:



-BT11

=A1-W412

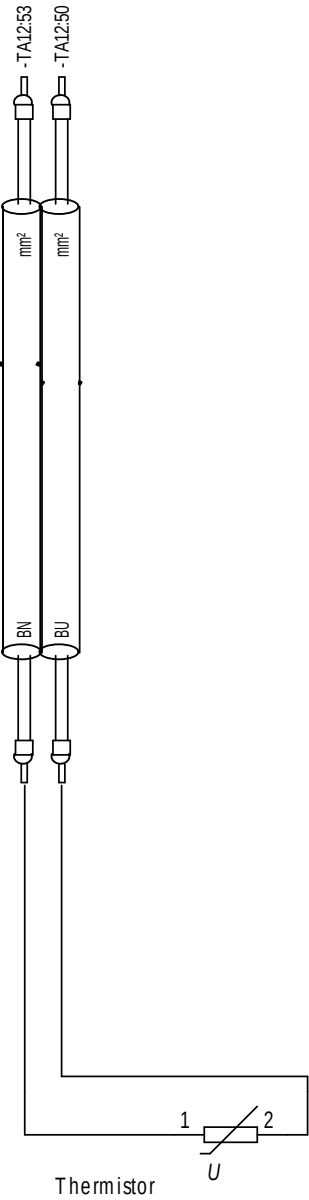
Remark: motor extractair
Cable-type:



-MA12

=A1-W412.1

Remark: Extract thermistor
Cable-type:



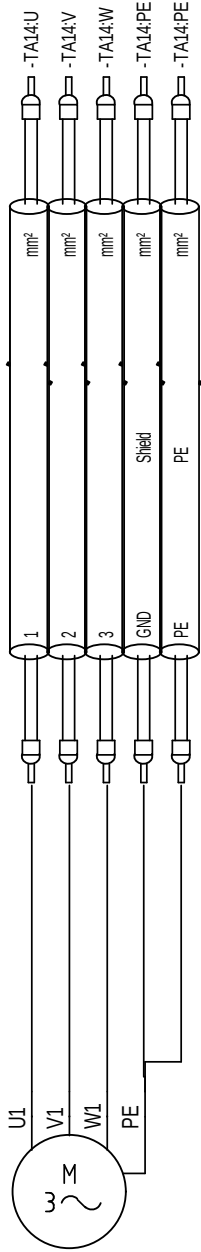
-BE12

Path	Sheet
3	21
3	21
6	35
6	35
6	35
7	35
1	36
1	36
6	22
6	22
6	22
7	22
7	22
6	22
6	22

Cable Plan

=A1-W414

Remark: motor extractair
Cable-type:

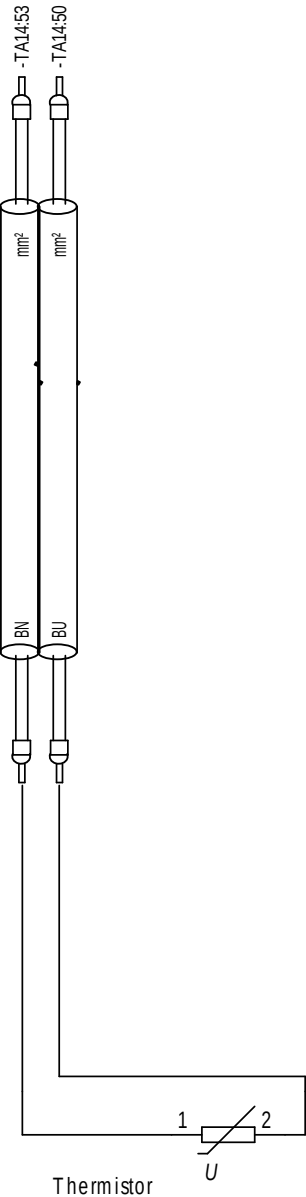


Twin PM Extract motor

-MA14

=A1-W414.1

Remark: Extract thermistor
Cable-type:

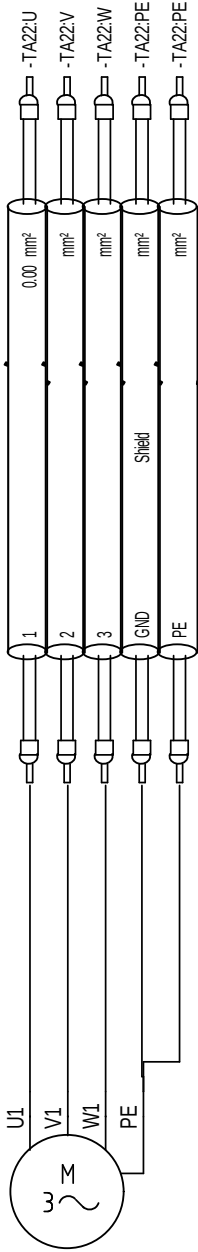


Thermistor

-BE14

=A1-W422

Remark: motor extractair
Cable-type:

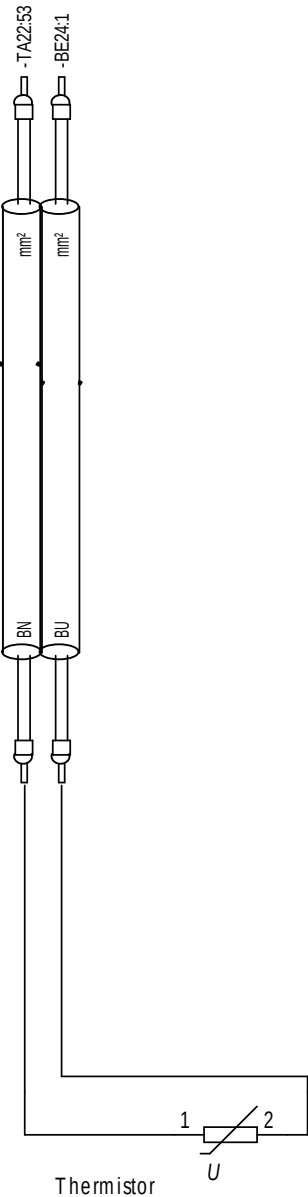


Single AC Extract motor

-MA22

=A1-W422.1

Remark: Extract thermistor
Cable-type:

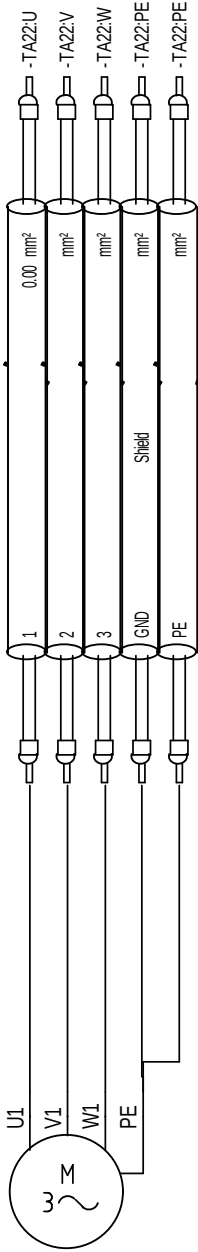


Thermistor

-BE22

=A1-W424

Remark: motor extractair
Cable-type:



Twin AC Extract motor

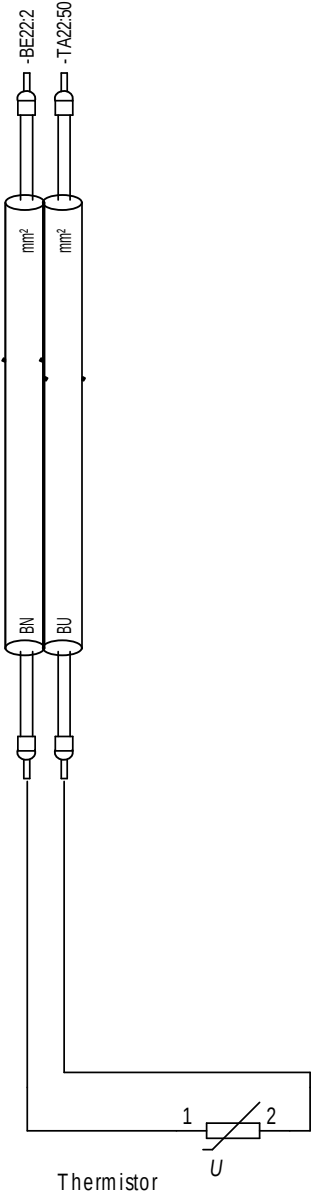
-MA24

Path	Sheet
8	22
8	22
9	22
9	22
9	22
8	22
8	22
1	22
1	22
2	22
2	22
2	22
1	22
1	22
4	22
4	22
4	22
4	22
4	22

Cable Plan

=A1-W424.1

Remark: Extract thermistor
Cable-type:



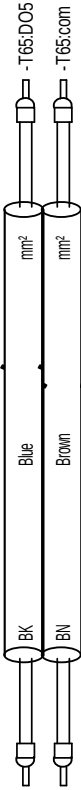
-BE24

Sheet
Path

22
3
22
3

=A1-W460

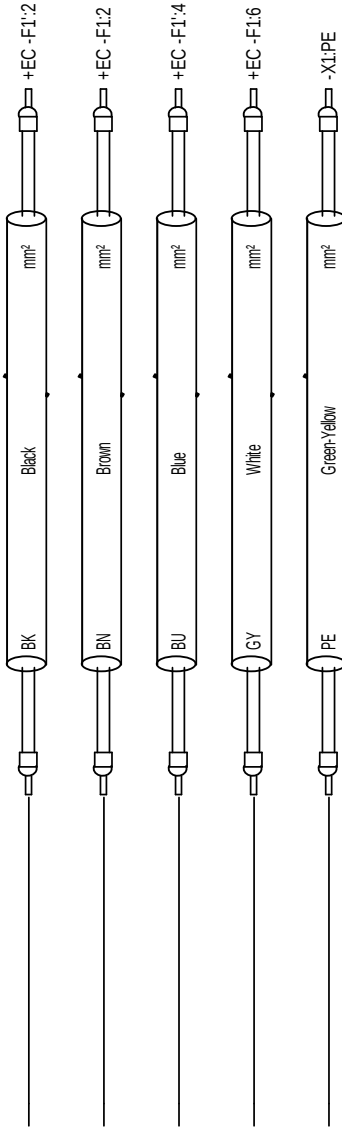
Remark: Fire
Cable-type:



30
7
30
6

=A1-W529

Remark: DVU-HP
Cable-type:

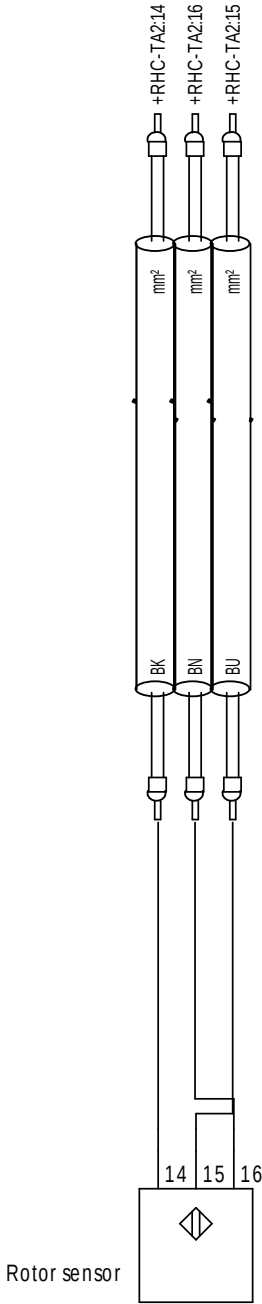


=DVU-HP-DVU-HP L2
=DVU-HP-DVU-HP L1
=DVU-HP-DVU-HP N
=DVU-HP-DVU-HP L3
=DVU-HP-DVU-HP PE

19
8
19
8
19
9
19
9
19
9

=A1-W532

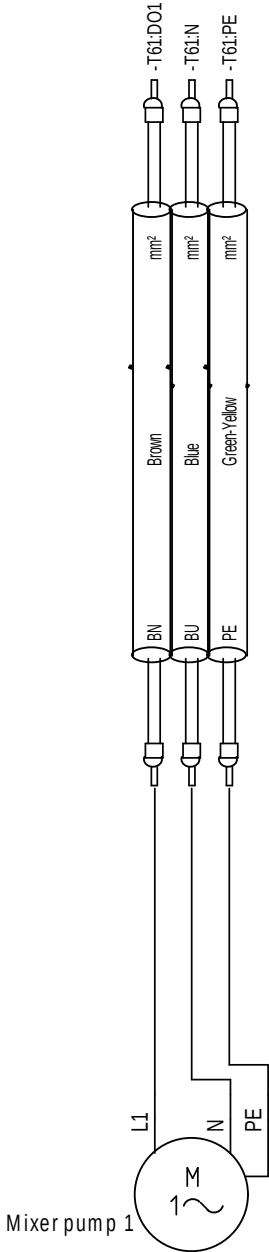
Remark: Rotor sensor
Cable-type:



+RHC-BG32

=A1-W550

Remark: Mixing pump
Cable-type:



-GP50

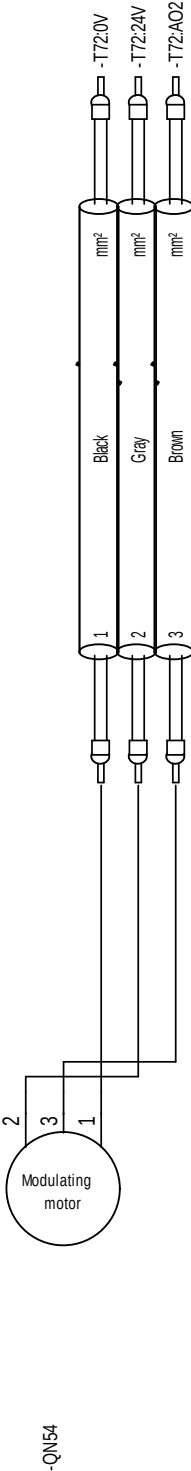
15
1
15
2
15
2

Cable Plan

=A1-W554

Remark: Cooling valve
Cable-type:

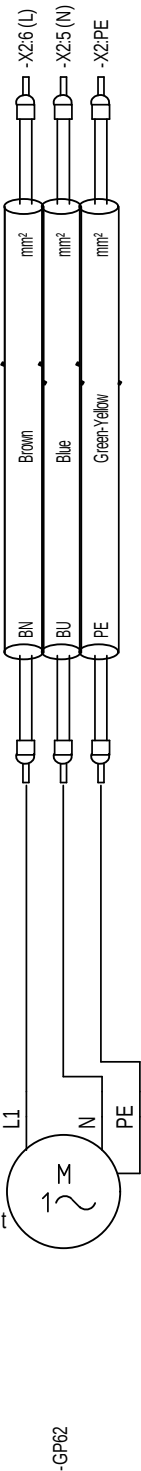
Valve for cooling
+ change over



=A1-W562

Remark: Mixing pump heater 2
Cable-type:

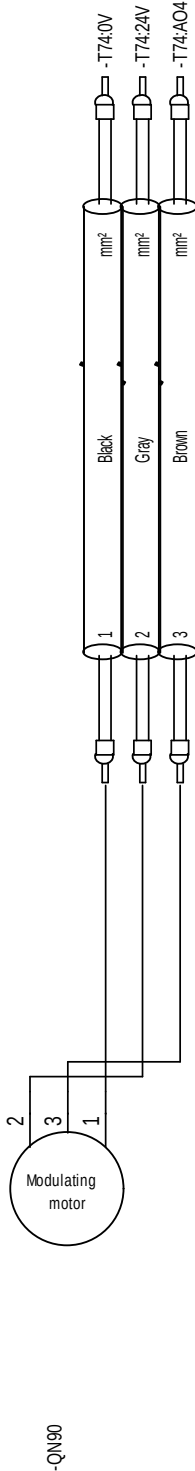
Heat
pump 2



=A1-W590

Remark: Exchanger
Cable-type:

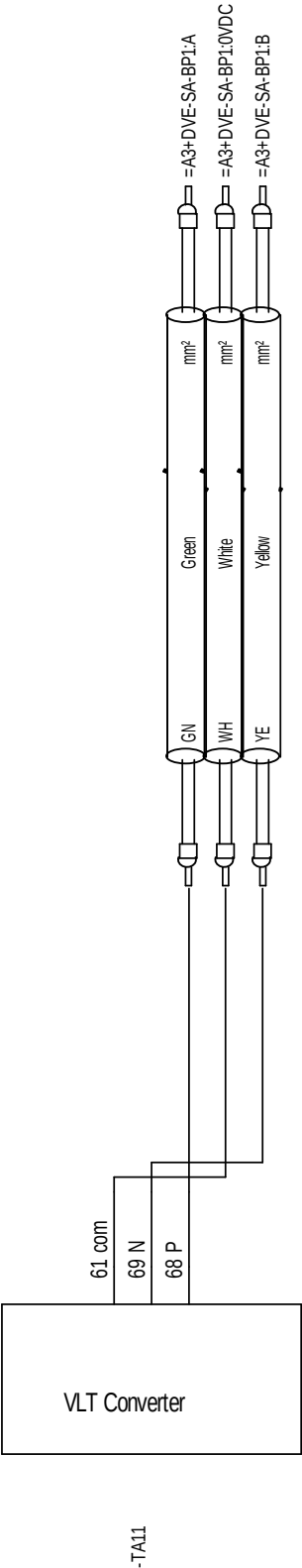
Valve for Exchanger



=A1-W611

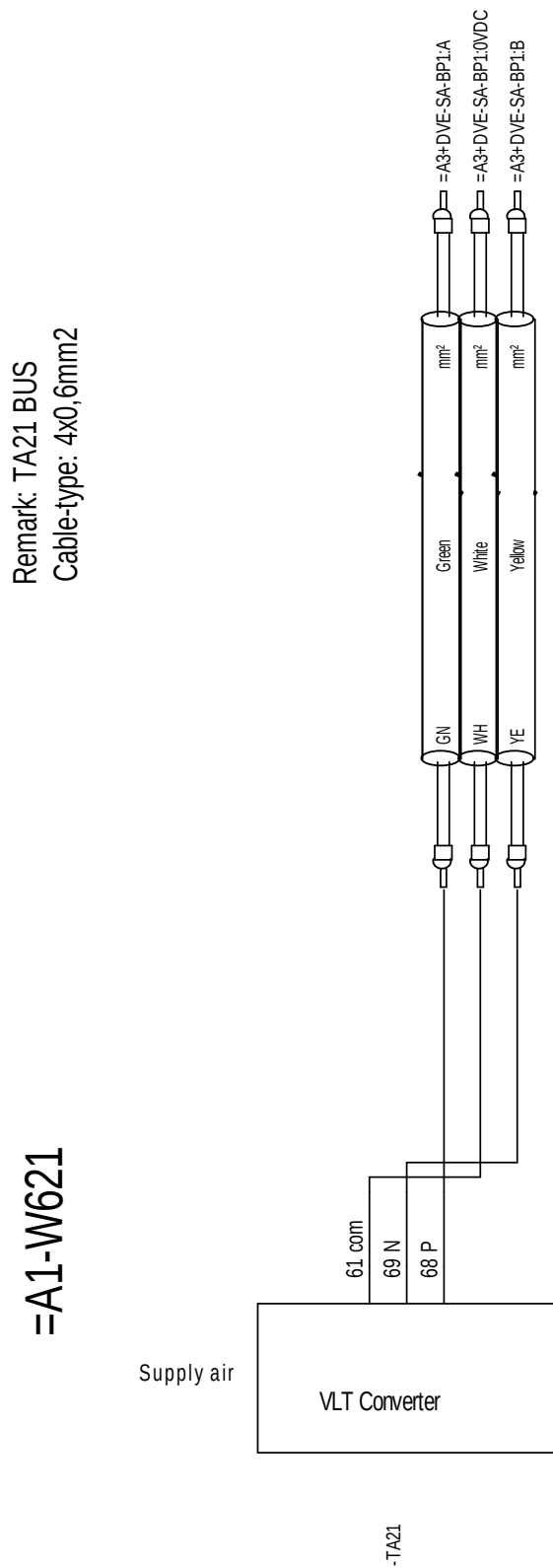
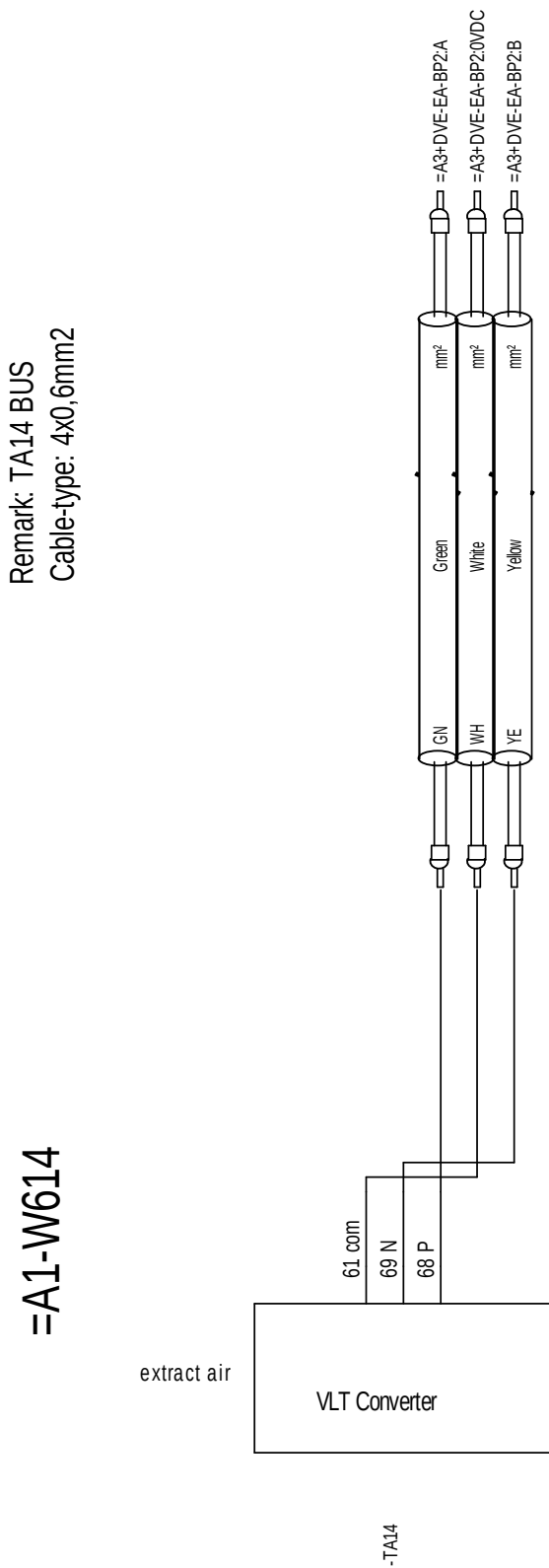
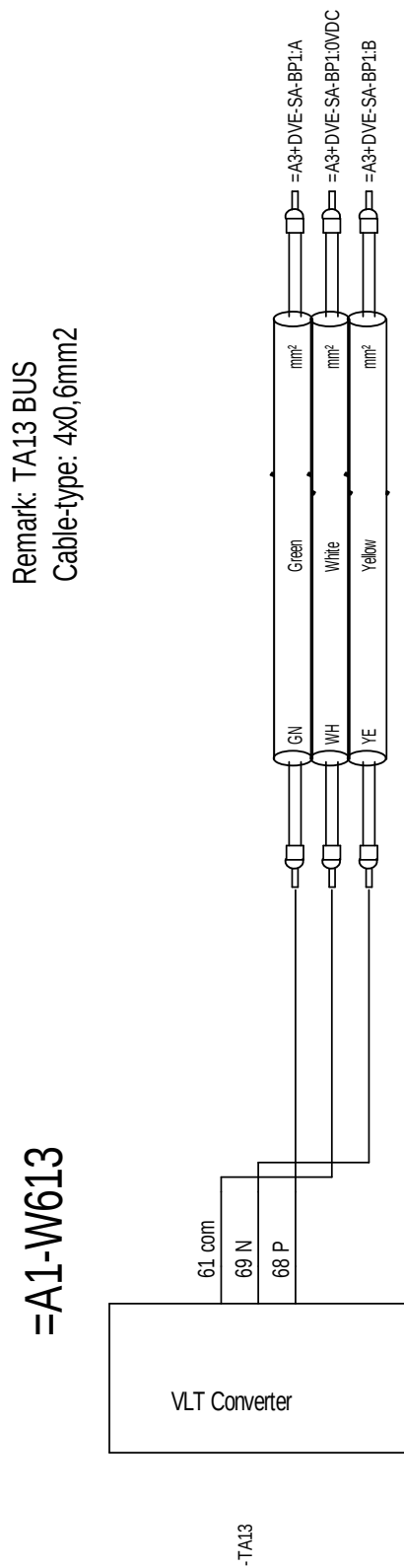
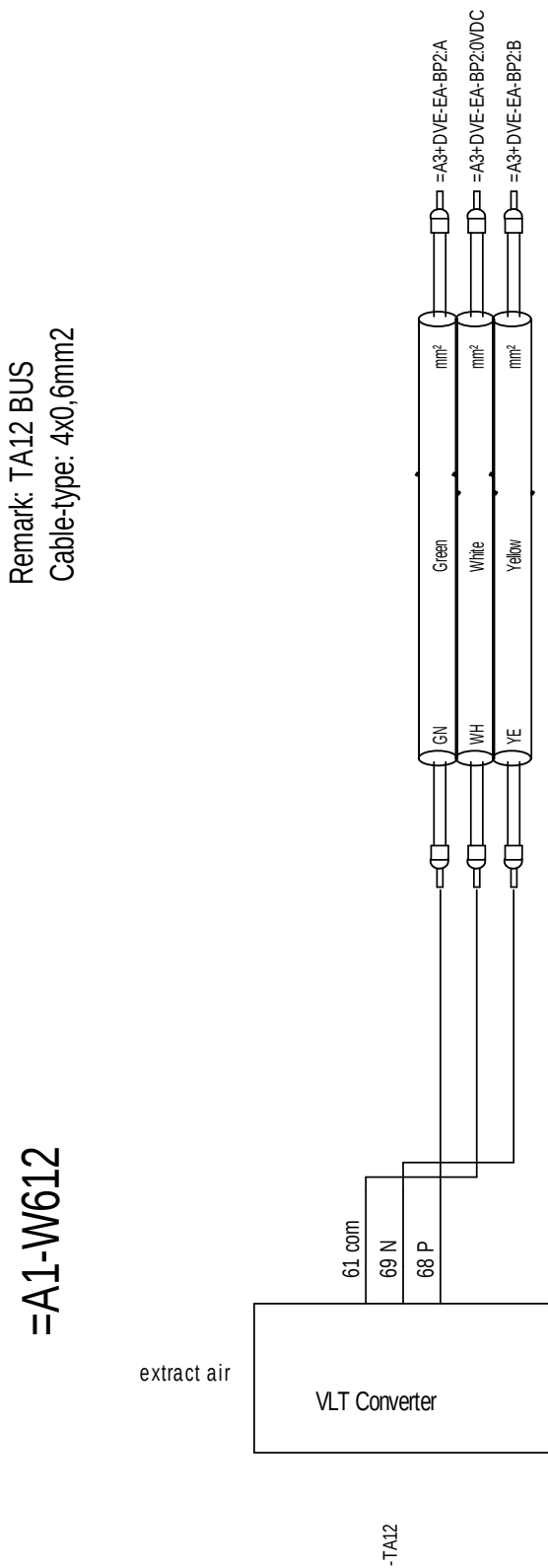
Remark: TA11 BUS
Cable-type: 4x0,6mm2

Supply air



Path	Sheet
4	17
4	17
4	17
2	20
2	20
3	20
1	18
1	18
1	18
4	29
4	29
4	29

Cable Plan

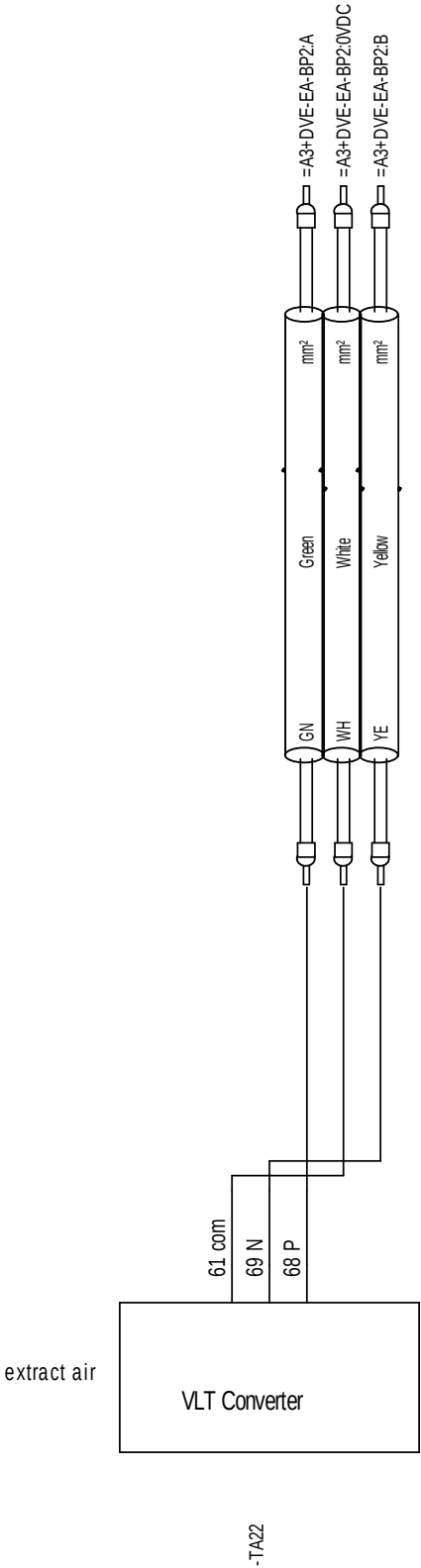


Path	4	4	4	6	5	5	6	5	6	7	7	7
Sheet	30	30	30	29	29	29	30	30	30	29	29	29

Cable Plan

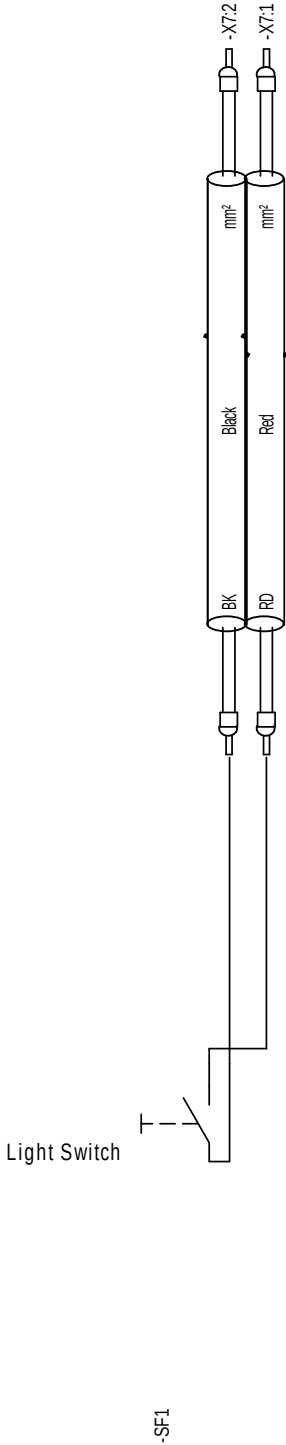
=A1-W622

Remark: TA22 BUS
Cable-type:



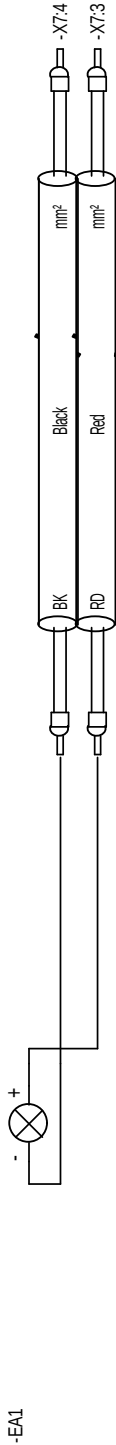
=A1-W700

Remark: Light switch
Cable-type:



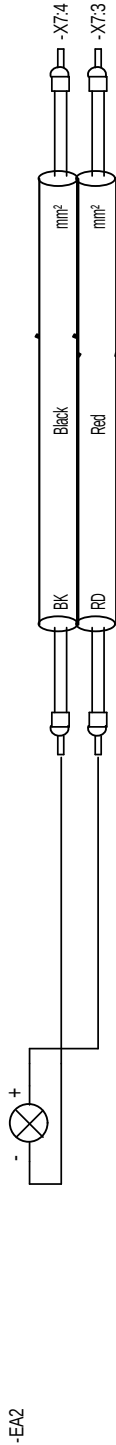
=A1-W701

Remark: Light P20
Cable-type:



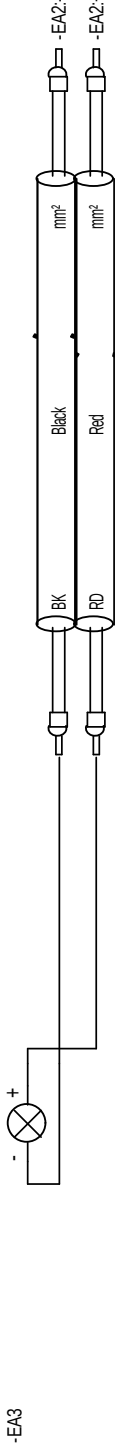
=A1-W702

Remark: Light P20
Cable-type:



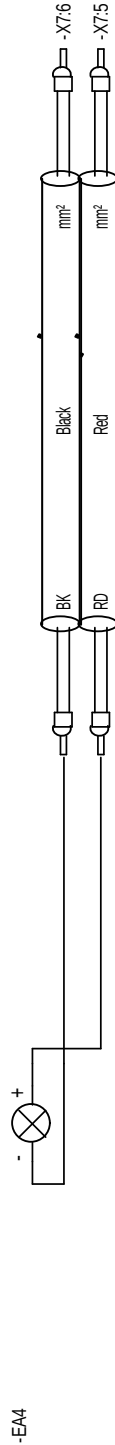
=A1-W703

Remark: Light P20
Cable-type:



=A1-W704

Remark: Light P21
Cable-type:

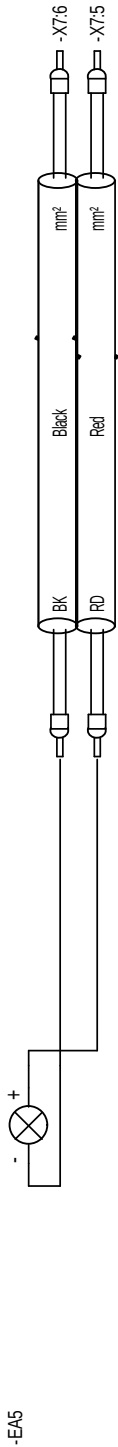


Path	Sheet
7	30
7	30
7	30
5	20
4	20
5	20
5	20
6	20
6	20
7	20
7	20
8	20
7	20

Cable Plan

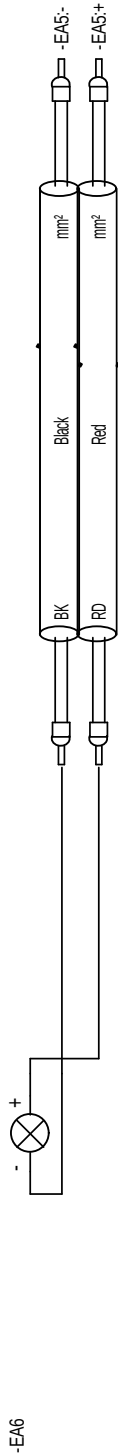
=A1-W705

Remark:
Cable-type:



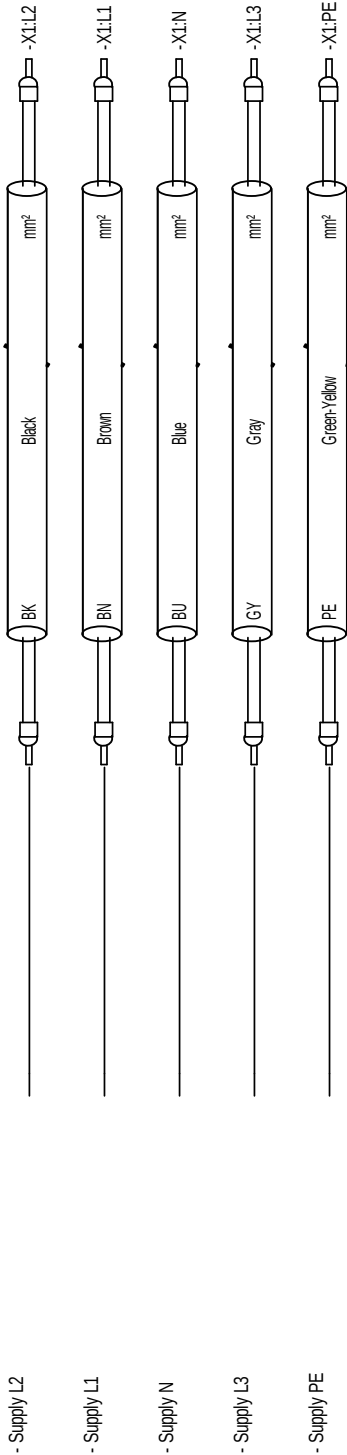
=A1-W706

Remark:
Cable-type:



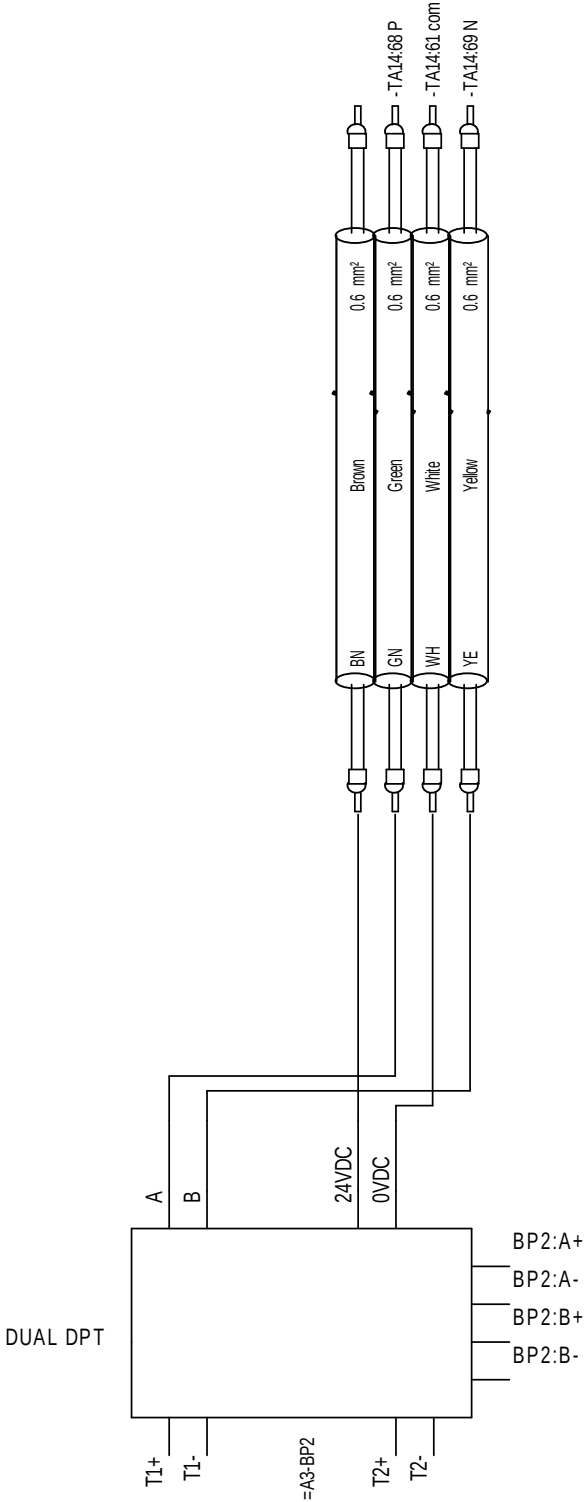
=A1-W1000

Remark: Main supply
Cable-type:



=A1+DVE-EA-W662

Remark: BP2 BUS
Cable-type: 2x0,6mm+2x0,5mm2

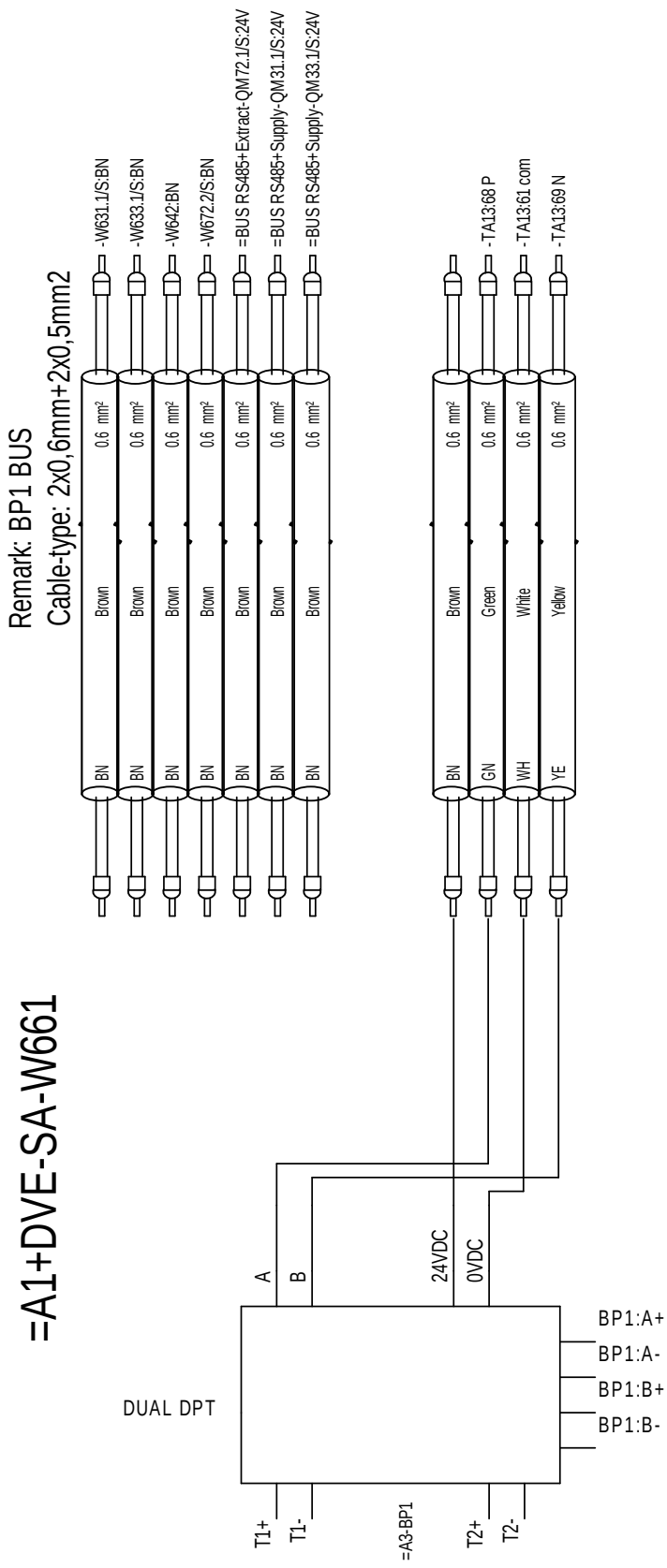


=A1+DVE-SA-W661

Remark: BP1 BUS
Cable-type: 2x0,6mm+2x0,5mm2

Path	Sheet
8	20
8	20
9	20
9	20
0	19
0	19
0	19
0	19
1	19
1	30
1	30
2	30
1	30

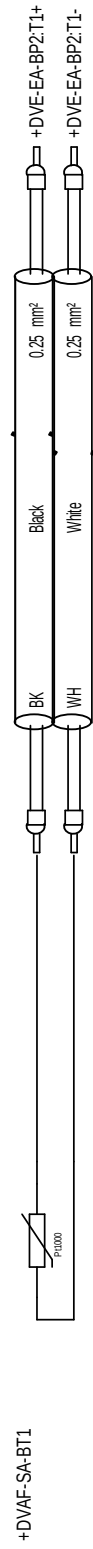
Cable Plan



Remark: Intake air
Cable-type: 2x0,25mm2

=A3-W341

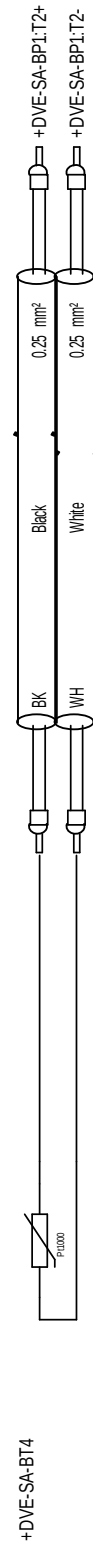
Intake / Outdoor air



Remark: Eff temp
Cable-type: 2x0,25mm2

=A3-W343

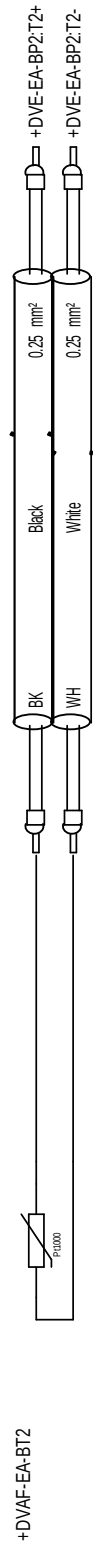
Eff. temp



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

=A3-W442

Exhaust air

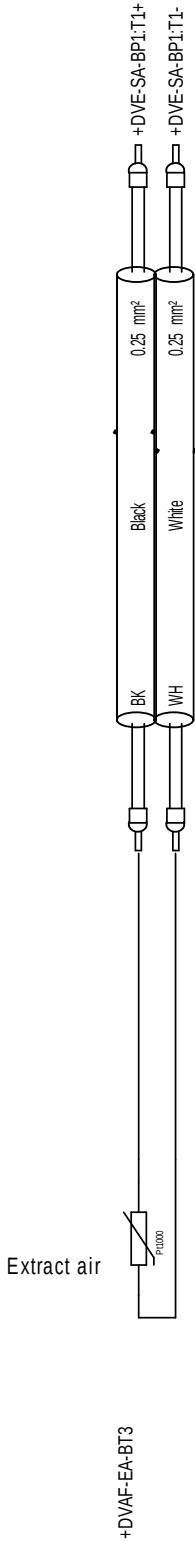


Path	1	1	1	1	1	1	1		1	1	1	1		1	1		1	2		2	2
Sheet	29	29	29	29	29	29	29	29	29	29	29	29		30	30		29	29		30	30

Cable Plan

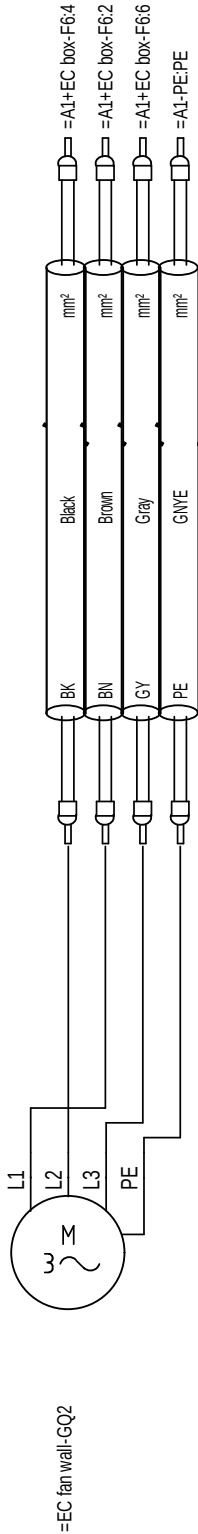
=A3-W444

Remark: Extract air
Cable-type: 2x0,25mm2



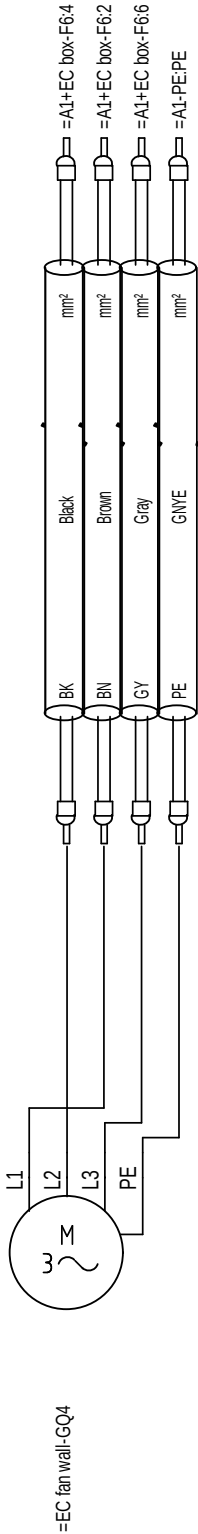
=EC box+Extract-W102

Remark:
Cable-type:



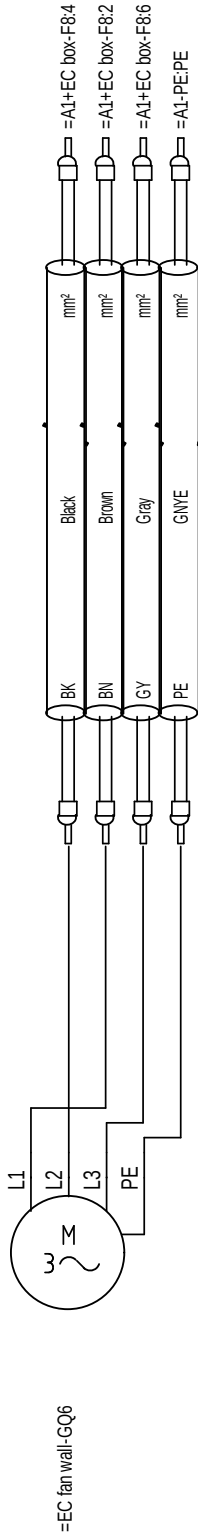
=EC box+Extract-W104

Remark:
Cable-type:



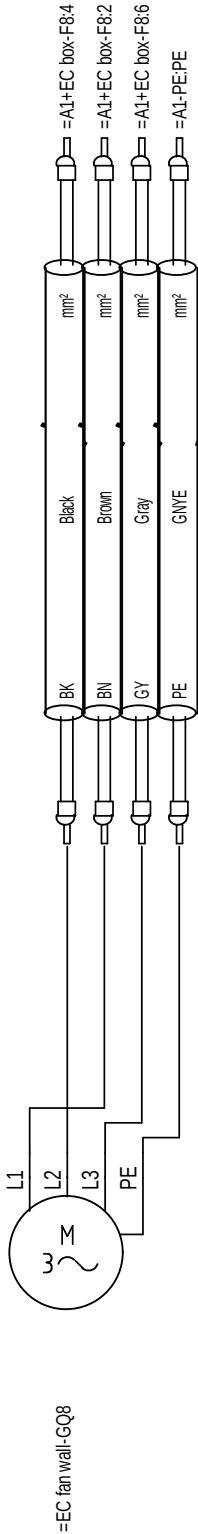
=EC box+Extract-W106

Remark:
Cable-type:



=EC box+Extract-W108

Remark:
Cable-type:

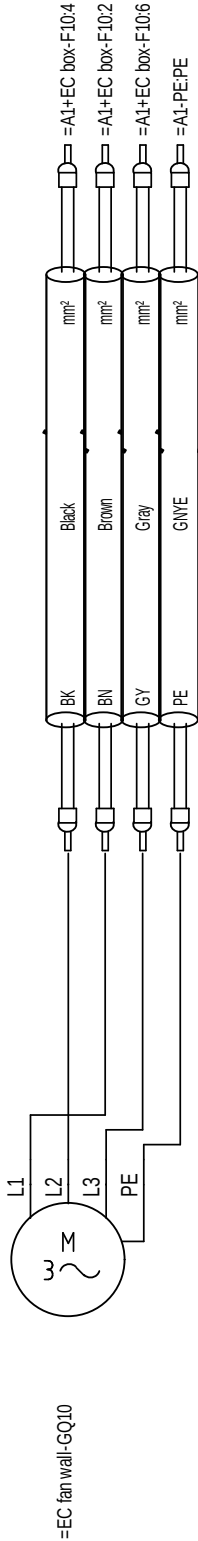


Path	Sheet
1	29
1	29
1	26
1	26
1	26
1	26
3	26
3	26
3	26
3	26
5	26
5	26
5	26
5	26
6	26
6	26
7	26
7	26

Cable Plan

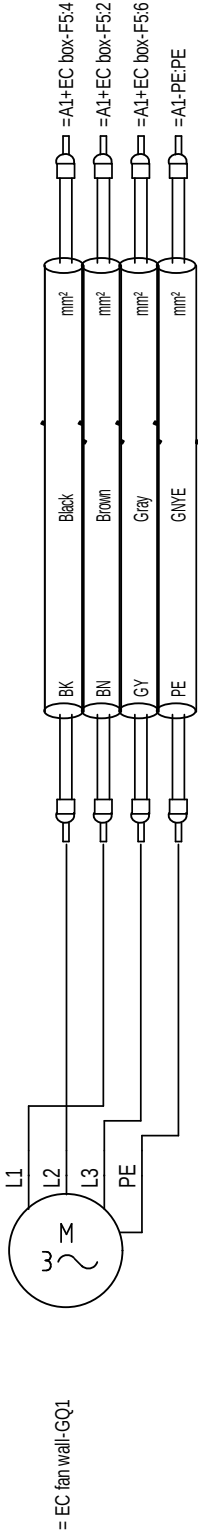
=EC box+Extract-W110

Remark:
Cable-type:



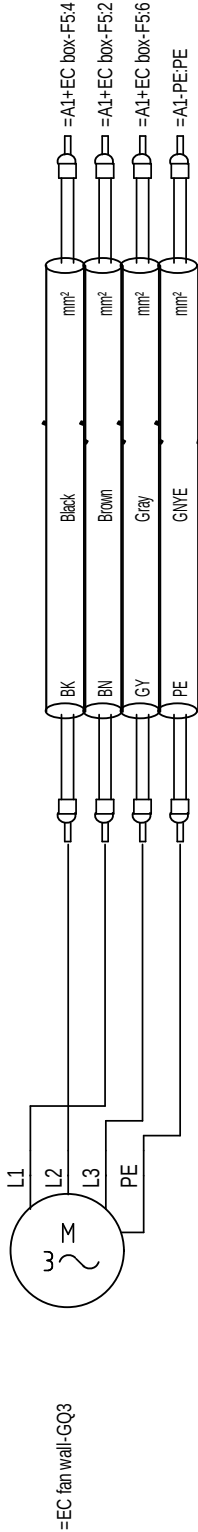
=EC box+Supply-W101

Remark: EC Power
Cable-type:



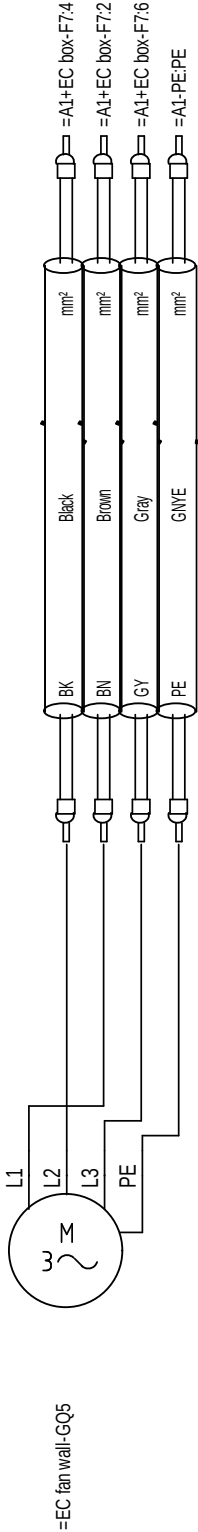
=EC box+Supply-W103

Remark: EC Power
Cable-type:



=EC box+Supply-W105

Remark: EC Power
Cable-type:

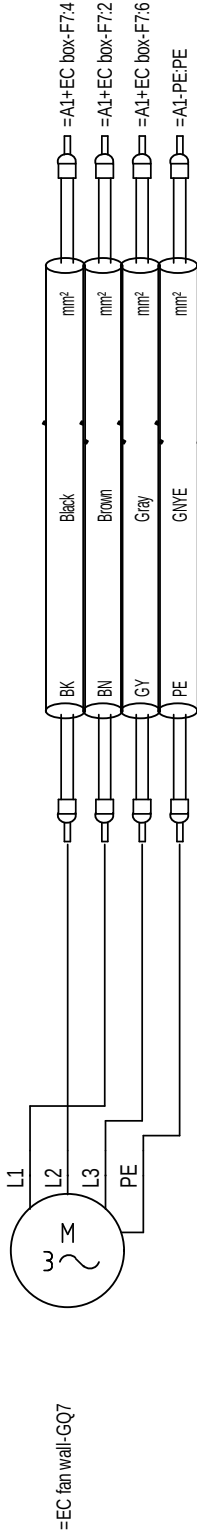


Path	Sheet
8	26
8	26
8	26
8	26
1	25
1	25
1	25
1	25
3	25
3	25
3	25
3	25
5	25
5	25
5	25
5	25

Cable Plan

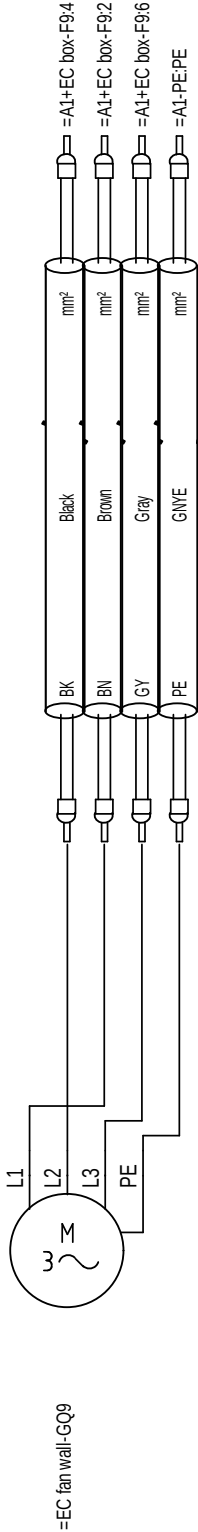
=EC box+Supply-W107

Remark: EC Power
Cable-type:



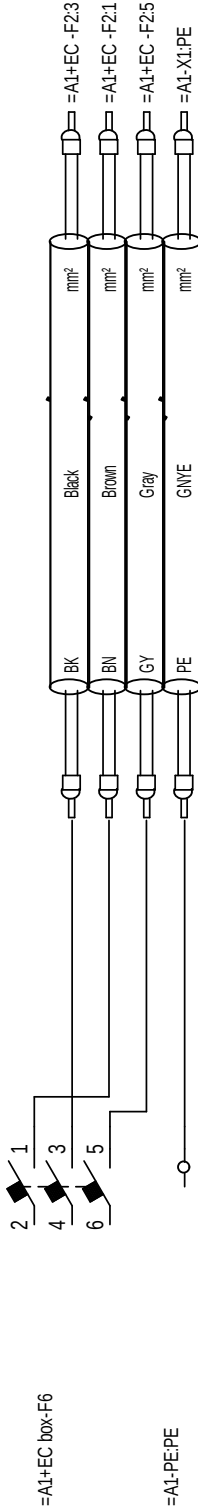
=EC box+Supply-W109

Remark: EC Power
Cable-type:



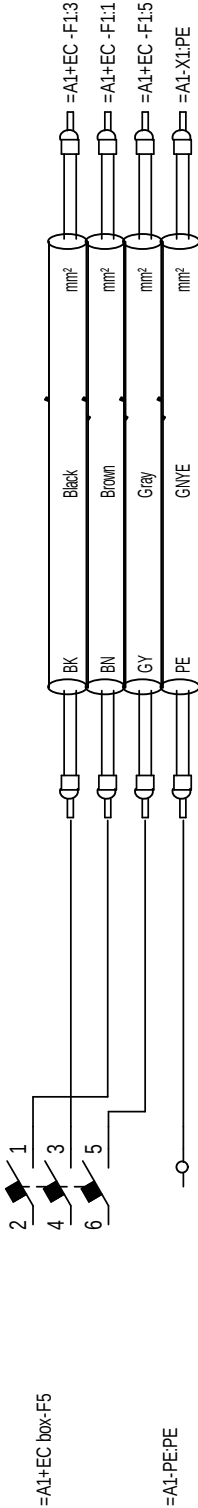
=EC fan Array+Extract-W102.1

Remark:
Cable-type:



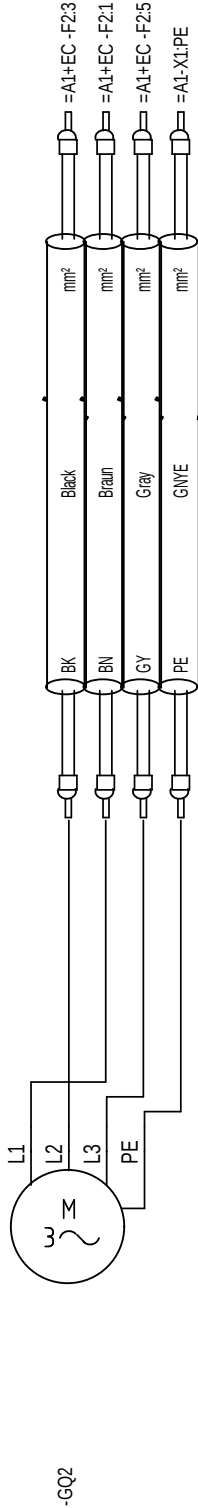
=EC fan Array+Supply-W101.1

Remark:
Cable-type:



=EC Single/Twin+Extract-W102

Remark:
Cable-type:



Sheet

Path

25
25
25
25

6
6
7
7

25
25
25
25

8
8
8
8

26
26
26
26

1
1
1
1

25
25
25
25

1
1
1
1

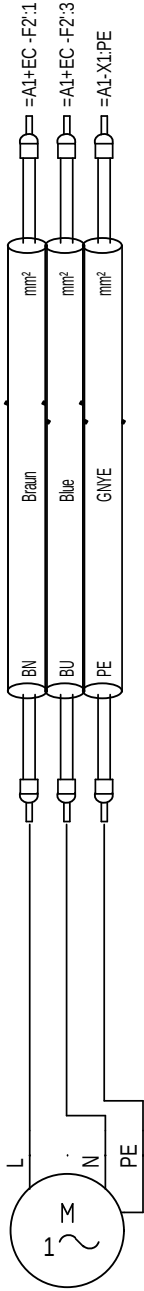
24
24
24
24

2
2
2
2

Cable Plan

=EC Single/Twin+Extract-W102'

Remark:
Cable-type:

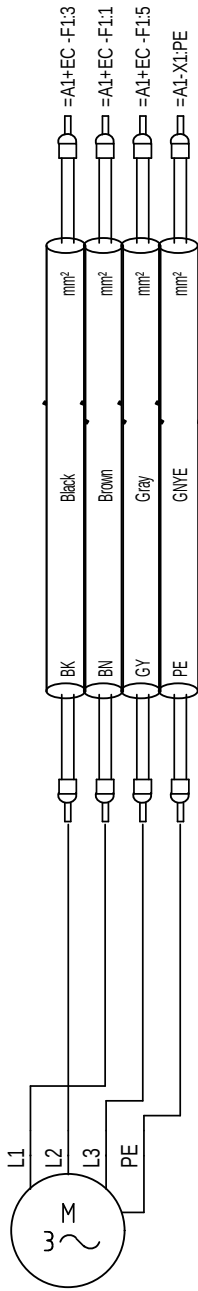


-GQ2'

Path
Sheet

=EC Single/Twin+Supply-W101

Remark: EC Power
Cable-type:

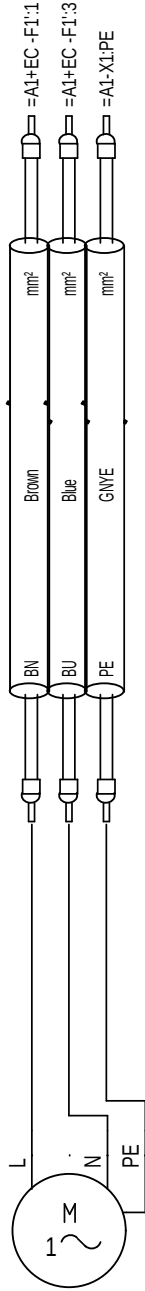


-GQ1'

2
23
2
23
2
23
2
23

=EC Single/Twin+Supply-W101'

Remark: EC Power
Cable-type:

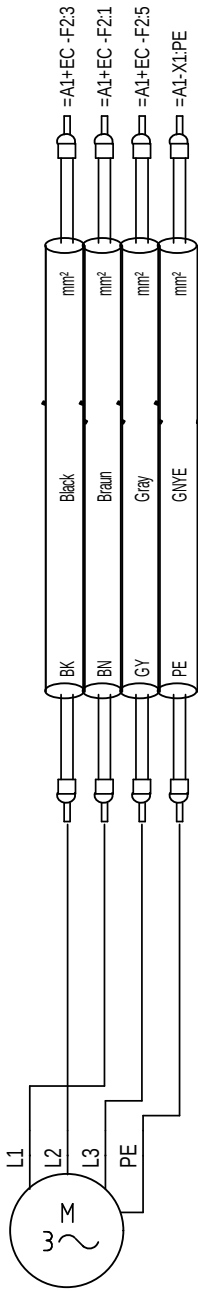


-GQ1'

6
23
7
23
7
23

=EC Twin+Extract-W104

Remark:
Cable-type:

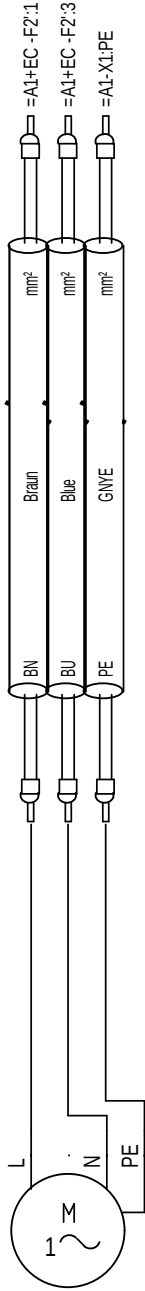


-GQ4'

4
24
3
24
4
24
4
24

=EC Twin+Extract-W104'

Remark:
Cable-type:

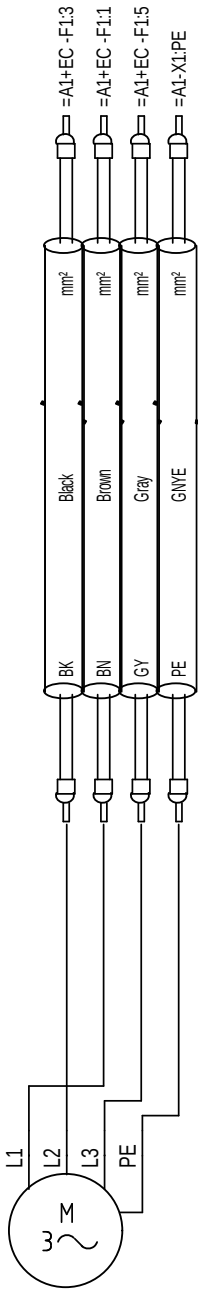


-GQ4'

8
24
8
24
8
24

=EC Twin+Supply-W103

Remark: EC Power
Cable-type:

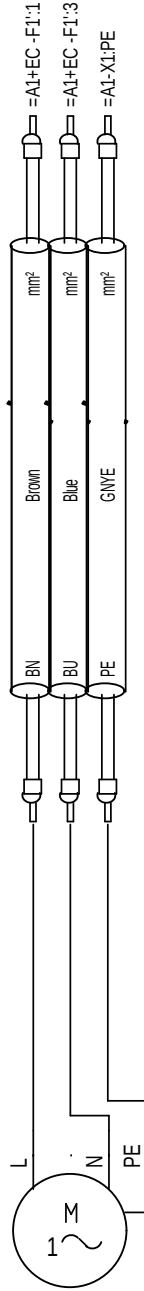


-GQ3'

4
23
3
23
4
23
4
23

=EC Twin+Supply-W103'

Remark: EC Power
Cable-type:



-GQ3'

8
23
8
23
8
23

Техника для климата

Доставляем оборудование по всей России от 3 дней транспортными компаниями. Реализуем проекты в десятках регионов — от Калининграда до Владивостока.

9600+

объектов и поставок

от 1 дня

отгрузка в транспортную компанию

Технические данные файла

Документ: Схема системы управления Sysimple Geniox DV

Идентификатор библиотеки: LIB-003839

Исходный файл: sysimple-geniox-dv-control-system-shema.pdf

SHA-256 оригинала: 698ee4c4af312175228b1af615eee240d27a9a9d505390045cffb2ae329db36b

Постоянная ссылка: <https://iclim.ru/library/sysimple-geniox-dv-control-system-shema.pdf>

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