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<div>Project : CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)</div> <div>Project no.: PROB2a</div>									
Rev.:	Changed pages:		Change description:				Date:	Drawn:	Checked:
a	--						03.02.25	ENG-E / AGIL	ENG-P / FCO
<div><div>//// HASLER GROUP</div><div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div></div>		CLIENT NAME - STANDARD WBF APPLICATION (SCM3P) Coversheet			ITEM :		Inst.		Loc.
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3 Arrangement diagram	3.1 Dimensions Cabinet	21	30.08.2024							
3 Arrangement diagram	3.1 Dimensions Cabinet	22	30.08.2024							
3 Arrangement diagram	3.1 Dimensions Cabinet	23	30.08.2024							
3 Arrangement diagram	3.1 Dimensions Cabinet	24	30.08.2024							
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3 Arrangement diagram	3.2 Layout Cabinet	27	09.01.2025							
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3 Arrangement diagram	3.2 Layout Cabinet	31	06.01.2025							
3 Arrangement diagram	3.2 Layout Cabinet	32	06.01.2025							
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3 Arrangement diagram	3.2 Layout Cabinet	45	06.01.2025									
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3 Arrangement diagram	3.5 Dimensions: Local operation box	51	30.08.2024									
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4 Circuit diagram	4.3 Beltweighfeeder D1	64	11.12.2024									
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4 Circuit diagram	4.12 SCM controller D4	92	30.08.2024							
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4 Circuit diagram	4.14 Beltmotor D4	100	06.01.2025									
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4 Circuit diagram	4.15 Spillage motor SP4	104	06.01.2025									
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4 Circuit diagram	4.16 Extractor motor AF4	106	06.01.2025									
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4 Circuit diagram	4.16 Extractor motor AF4	108	06.01.2025									
4 Circuit diagram	4.17 IO Interface D4 (EXT)	109	14.01.2025									
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4 Circuit diagram	4.17 IO Interface D4 (EXT)	111	30.08.2024									
4 Circuit diagram	4.17 IO Interface D4 (EXT)	112	30.08.2024									
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5 Wiring diagram	5.2 Beltweighfeeder D1	121	08.01.2025									
<div><div><div><div></div><div>HASLER</div><div>GROUP</div></div></div><div><div>HASLER Group S.A.S.</div><div>Z.I. de L'Abbaye</div><div>38780 Pont-Evêque</div><div>France</div></div></div>		CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)		ITEM :		Inst.			Loc.			
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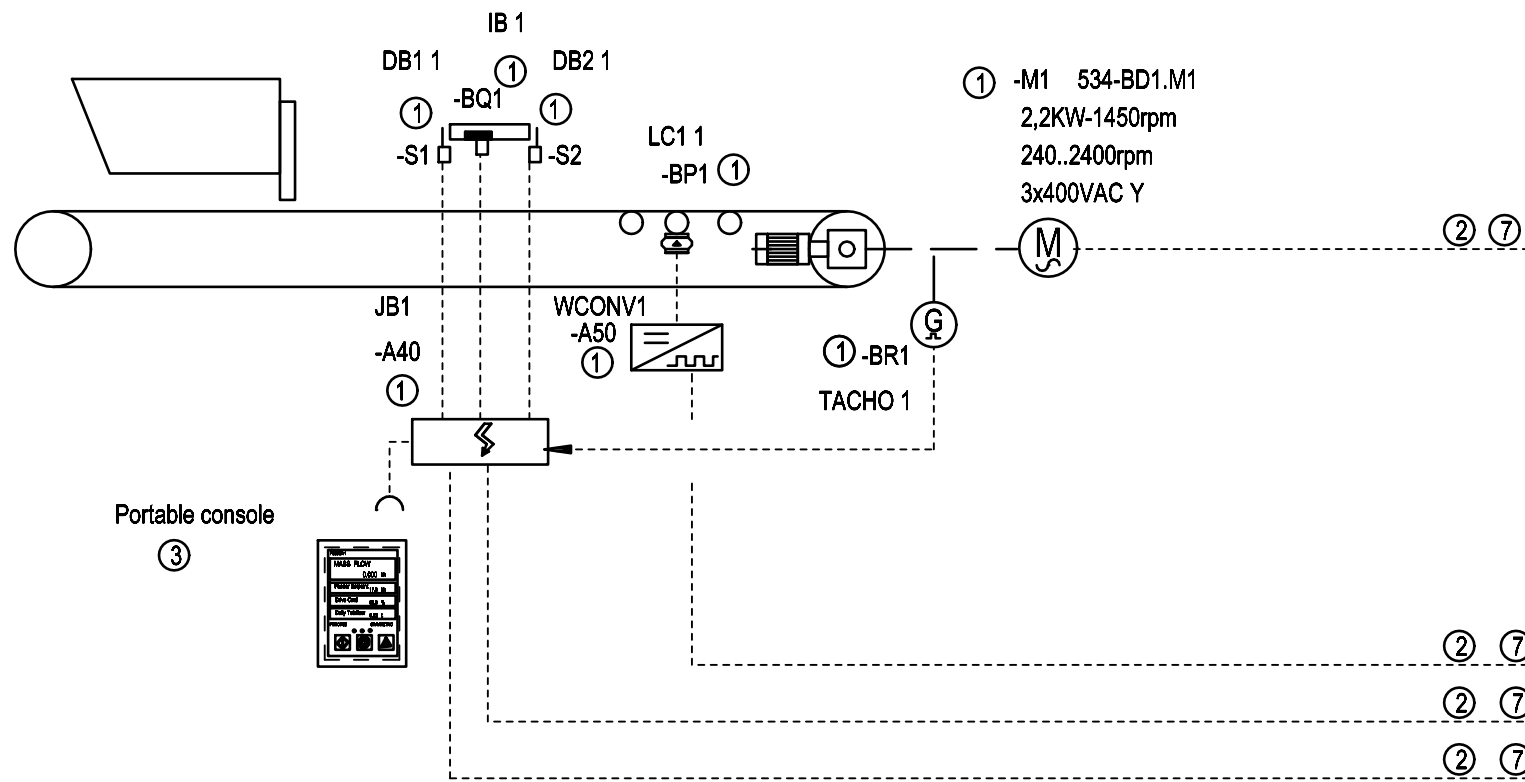
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5 Wiring diagram	5.3 Beltmotor D1	123	08.01.2025							
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5 Wiring diagram	5.11 Spillage conveyor SP4	145	08.01.2025							
5 Wiring diagram	5.12 Extractor motor AF1	146	08.01.2025							
5 Wiring diagram	5.12 Extractor motor AF1	147	08.01.2025							
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5 Wiring diagram	5.15 Cable list	153	30.08.2024							
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FIELD : +01

=D1

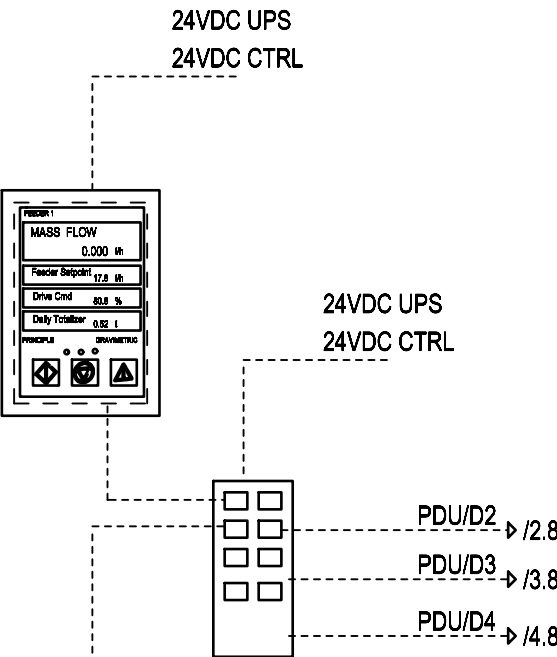
MACHINE : Beltweighfeeder  
TYPE : GRAVIT 1400.04  
ITEM No : 534-BD1  
MACHINE No. : PROB2a.01  
MATERIAL : Clinker  
FLOW RATE : 12,0-120,0 t/h



+51 Control cabinet PROB2a.51 ① Panel 1 ITEM  
+52 Control cabinet PROB2a.52 ① Panel 2 ITEM

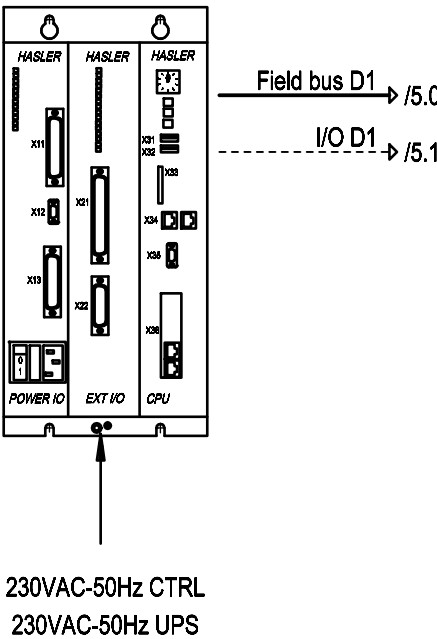
Control keyboard Console PDU  
Mode :Maintenance

- Start/stop
- Alarm acknowledge
- Reset totalizer
- Display Parameters
- Flowrate (t/h)
- Totaliser (kg)
- Proportional setpoint (%)
- Resulting Setpoint (t/h)
- Totaliser (kg)
- Parameters Display & Setting
- Display Alarm
- Belt Calibration



=D1

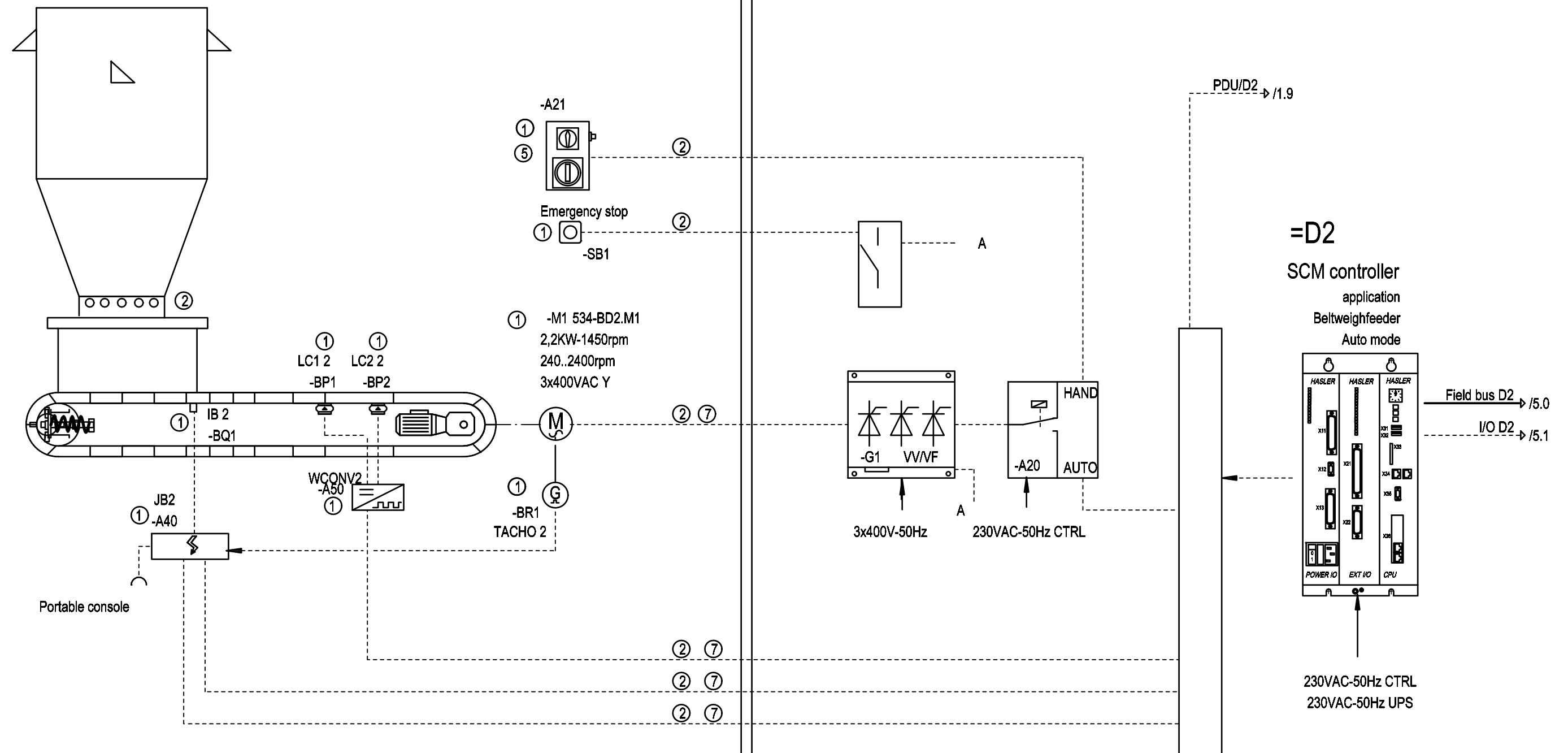
SCM controller  
application  
Beltweighfeeder  
Auto mode

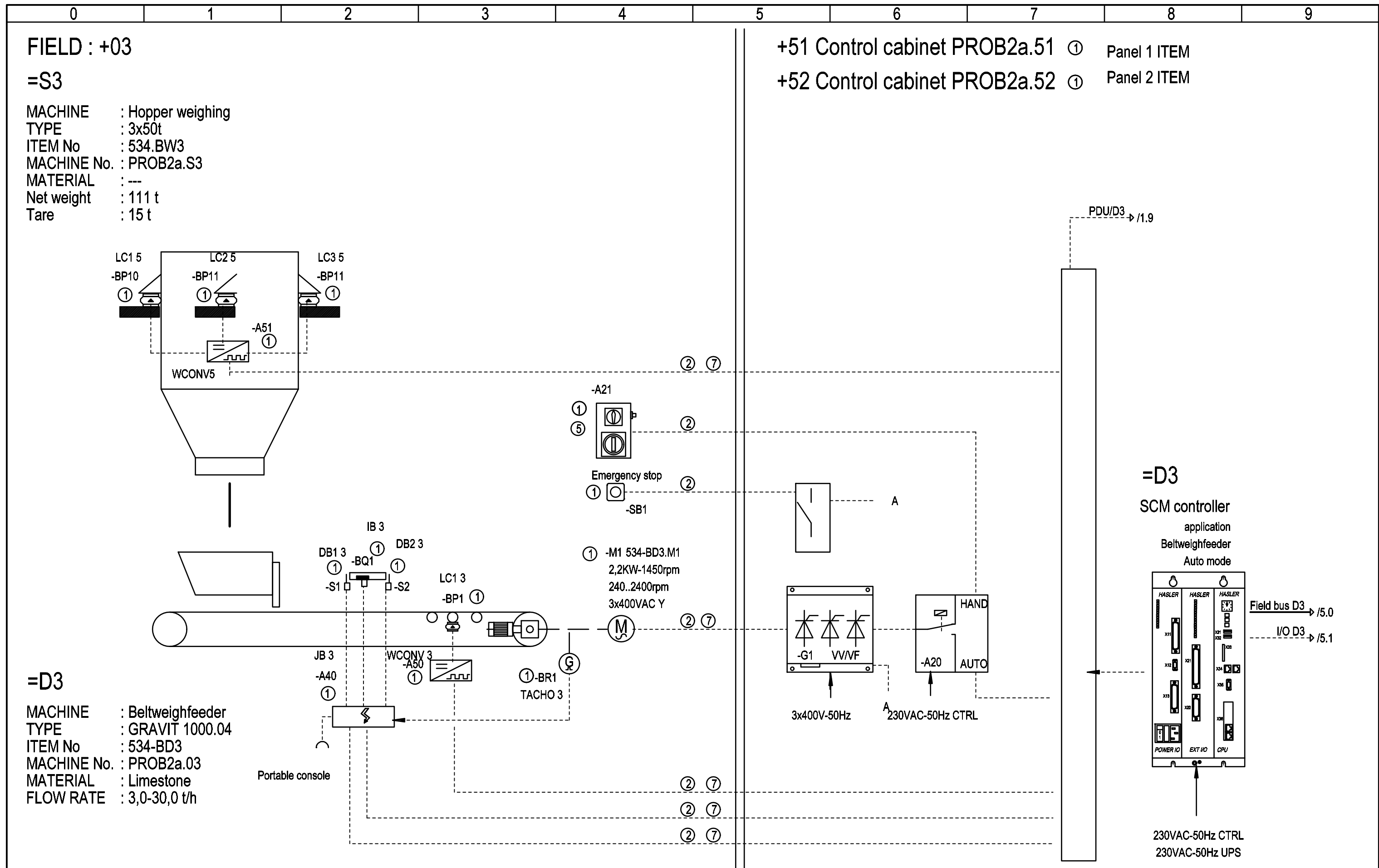


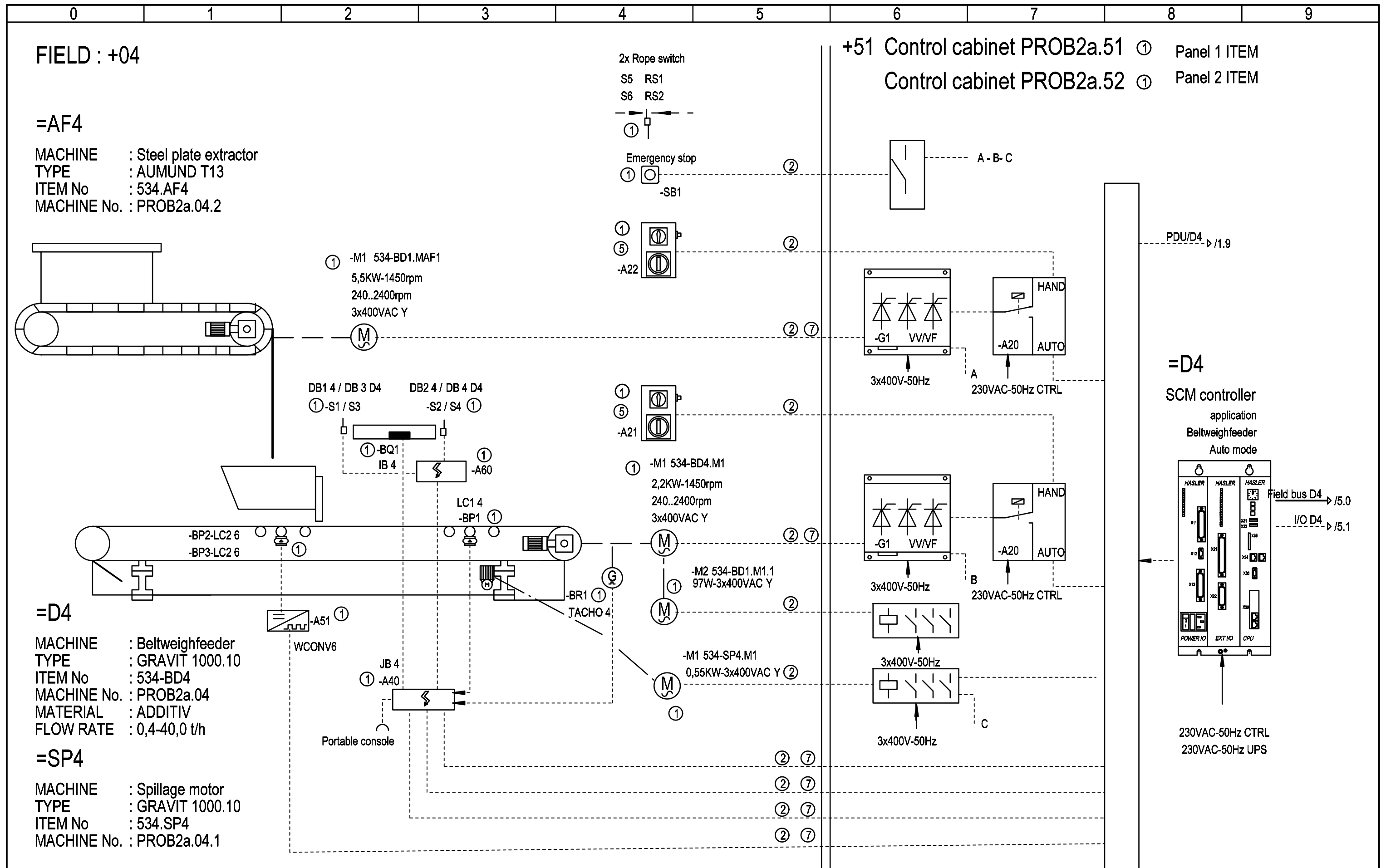
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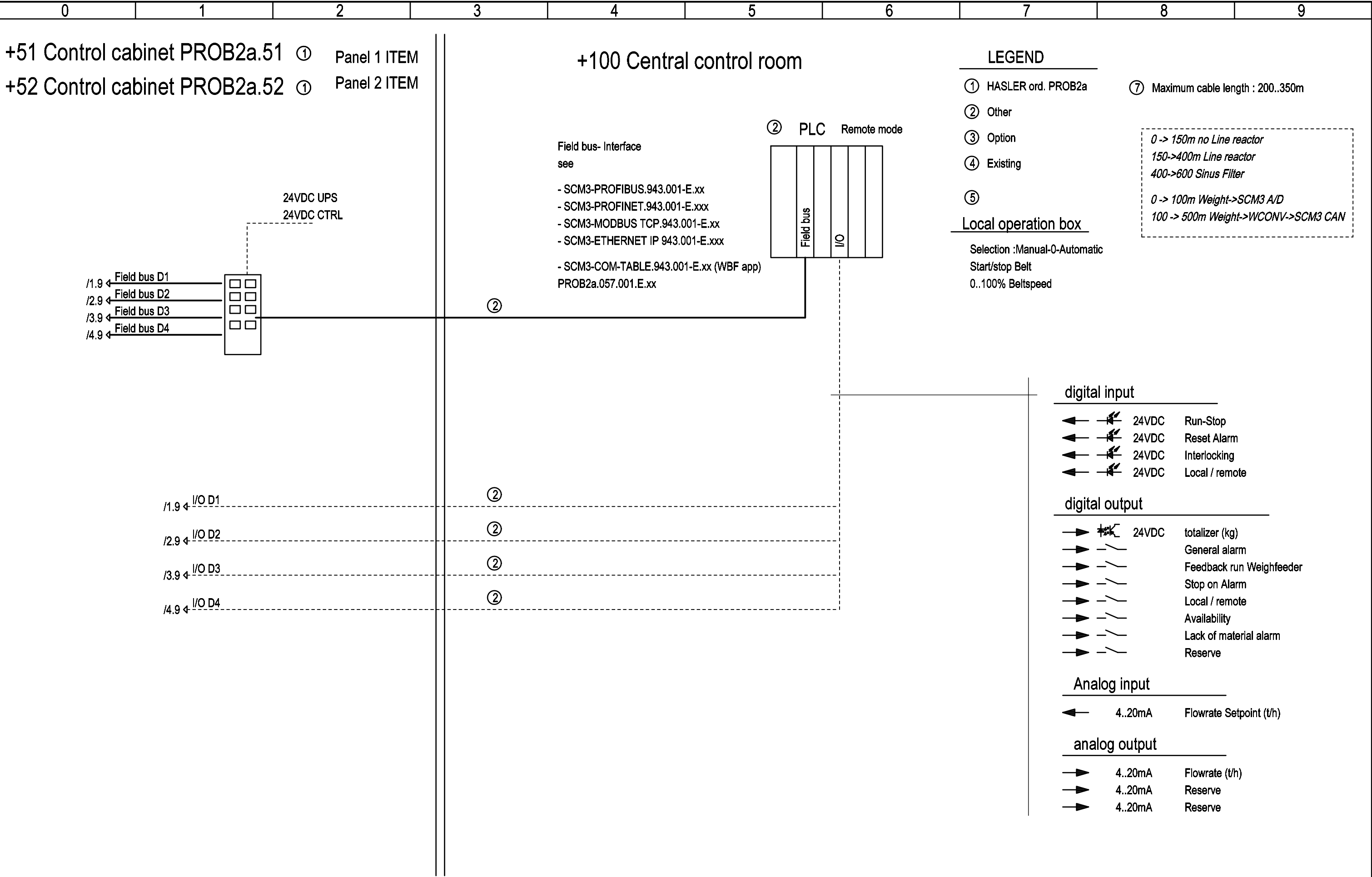
=D2

MACHINE : Steel plate weighfeeder  
TYPE : MAMMUTHUS 1000/4000/1  
ITEM No : 534-BD2  
MACHINE No. : PROB2a.02  
MATERIAL : Gypsum  
FLOW RATE : 1,0-10,0 t/h

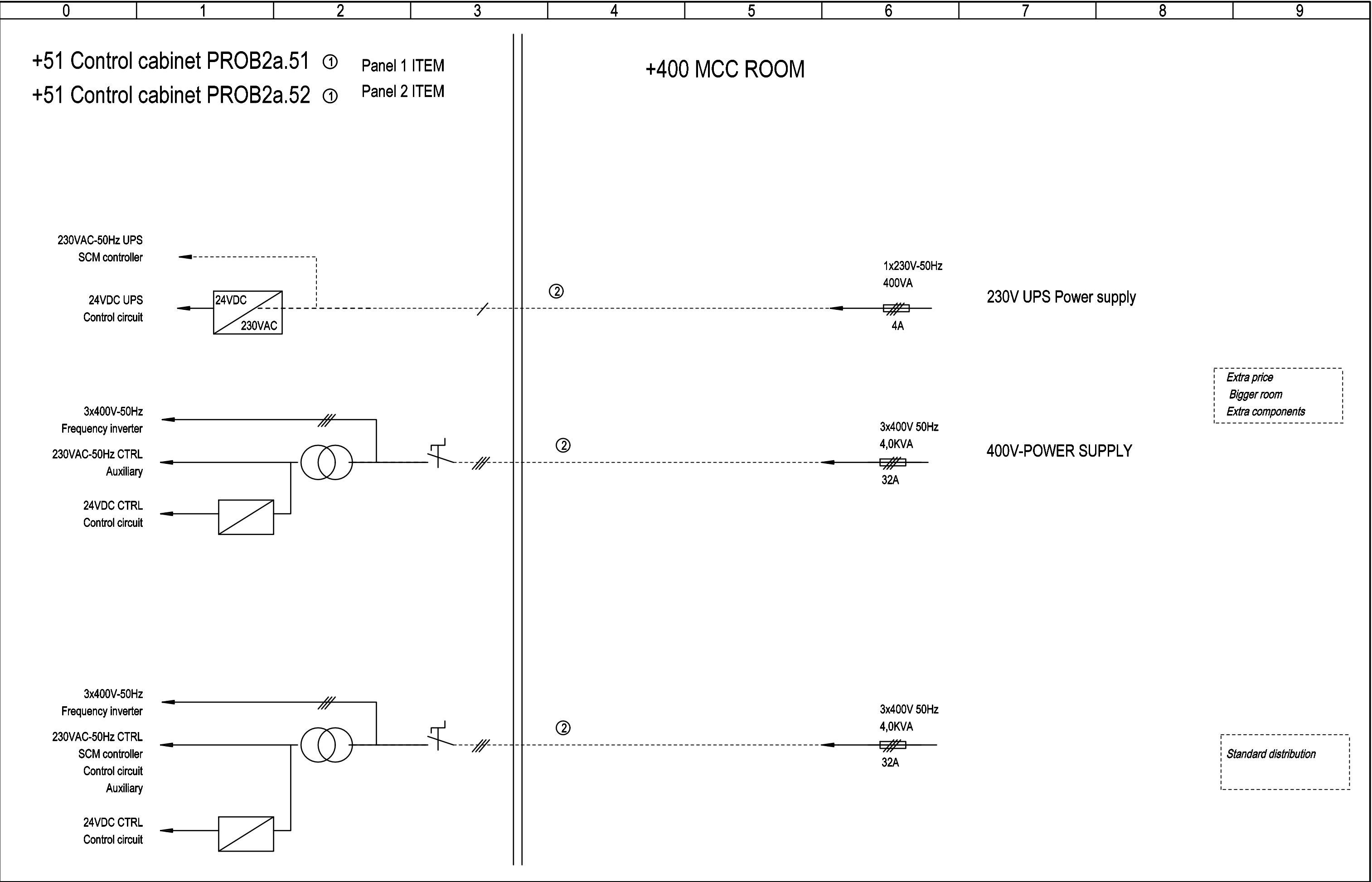




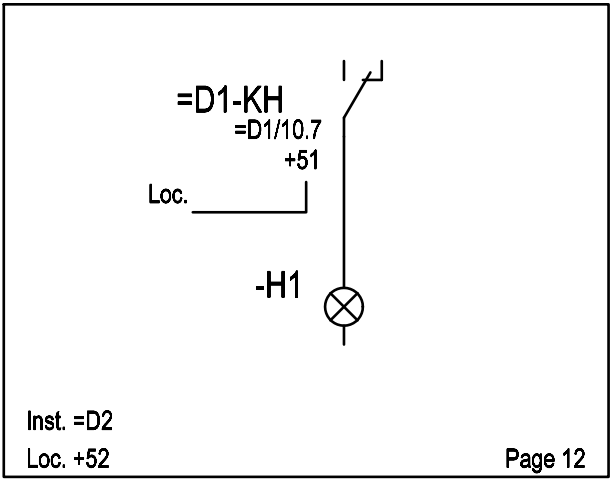
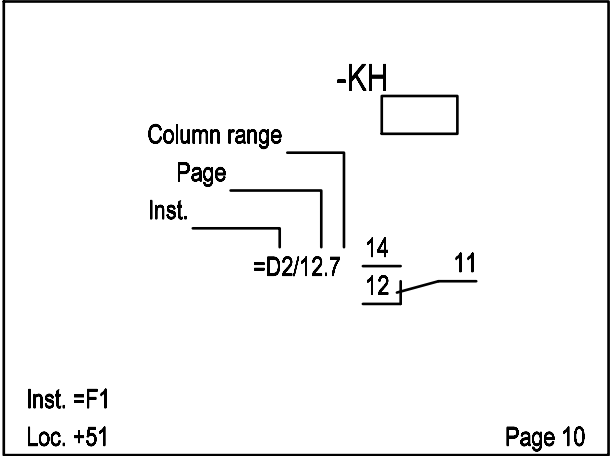
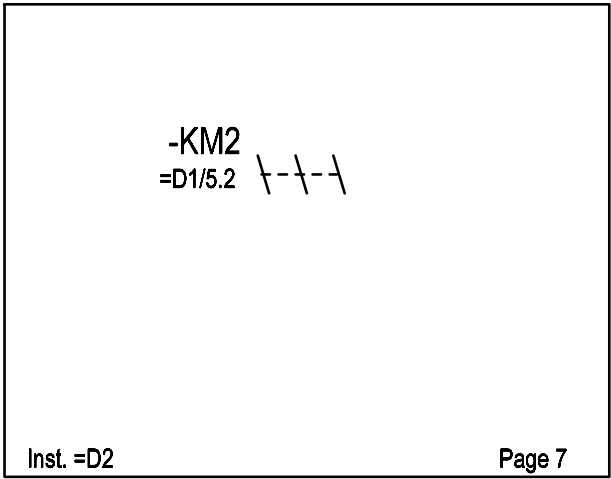
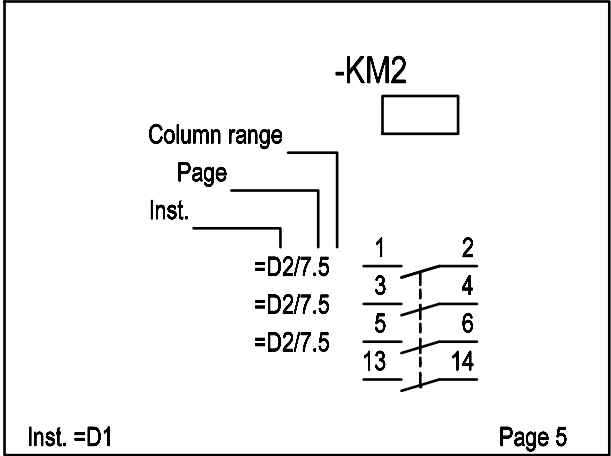
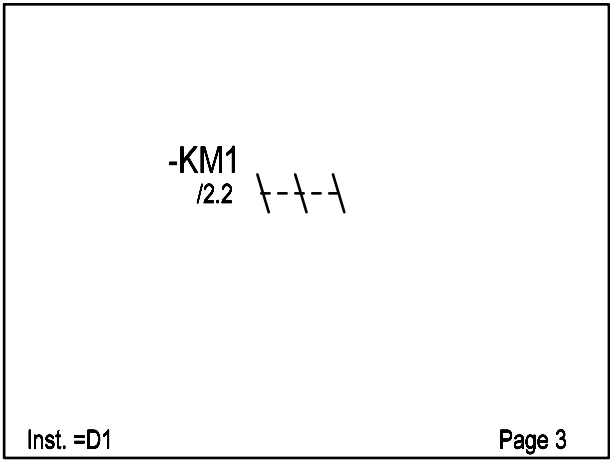
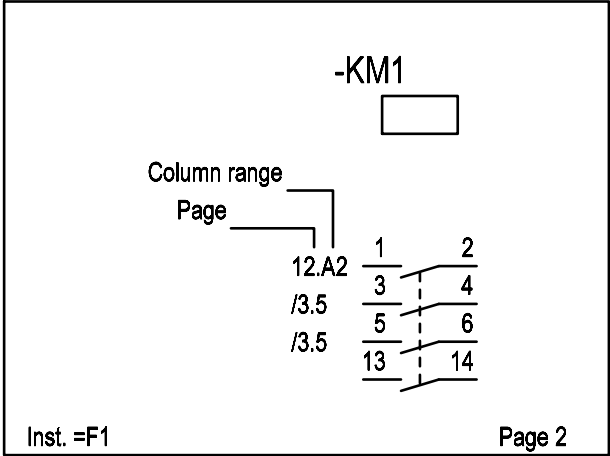








EXPLANATION OF CROSS-REFERENCES



- =Ex : Power distribution

=Dx : Weighfeeder

=Fx : Vaccum belt filter

=SPx : Spillage conveyor

=VPx : Vaccum Pump

=FPx : Filtrat Pump

=Mx : Mixer/Extruder -Sigma blade
- PROB2a.+5x : Control panel

PROB2a.+71 : Local control panel

PROB2a.+72 : Junction box

PROB2a.+100 : DCS Panel

PROB2a.+400 : MCC Panel

+01 : FIELD



DEFINITION OF SWITCH CABINET TERMINAL STRIPS

Terminal block	□ mm²	Description
-XT0	----	GENERAL THREE-PHASE ALTERNATING POWER SUPPLY
-XT1	----	UPS Power supply
-XT3	2.5max	Weighfeeder sensors
-XT4	2.5max	Local control -Weighfeeder motor
-XT5	2.5max	Hopper weighing sensors
-XT6	2.5max	Emergency stop
-XT50	----	POWER CIRCUIT AC
-XT51	----	CONTROL CIRCUIT AC
-XT52	----	CONTROL CIRCUIT AC (UPS)
-XT53	----	LIGHTING CIRCUIT
-XT54	----	Free
-XT60	2.5max	CONTROL CIRCUIT DC
-XT61	2.5max	CONTROL CIRCUIT DC ( UPS)

DEFINITION OF JUNCTION BOX TERMINAL STRIPS

Terminal block	□ mm²	Description
-XT13	2.5max	Weighfeeder sensors



DEFINITION OF LOCAL CONTROL PANEL TERMINAL STRIPS

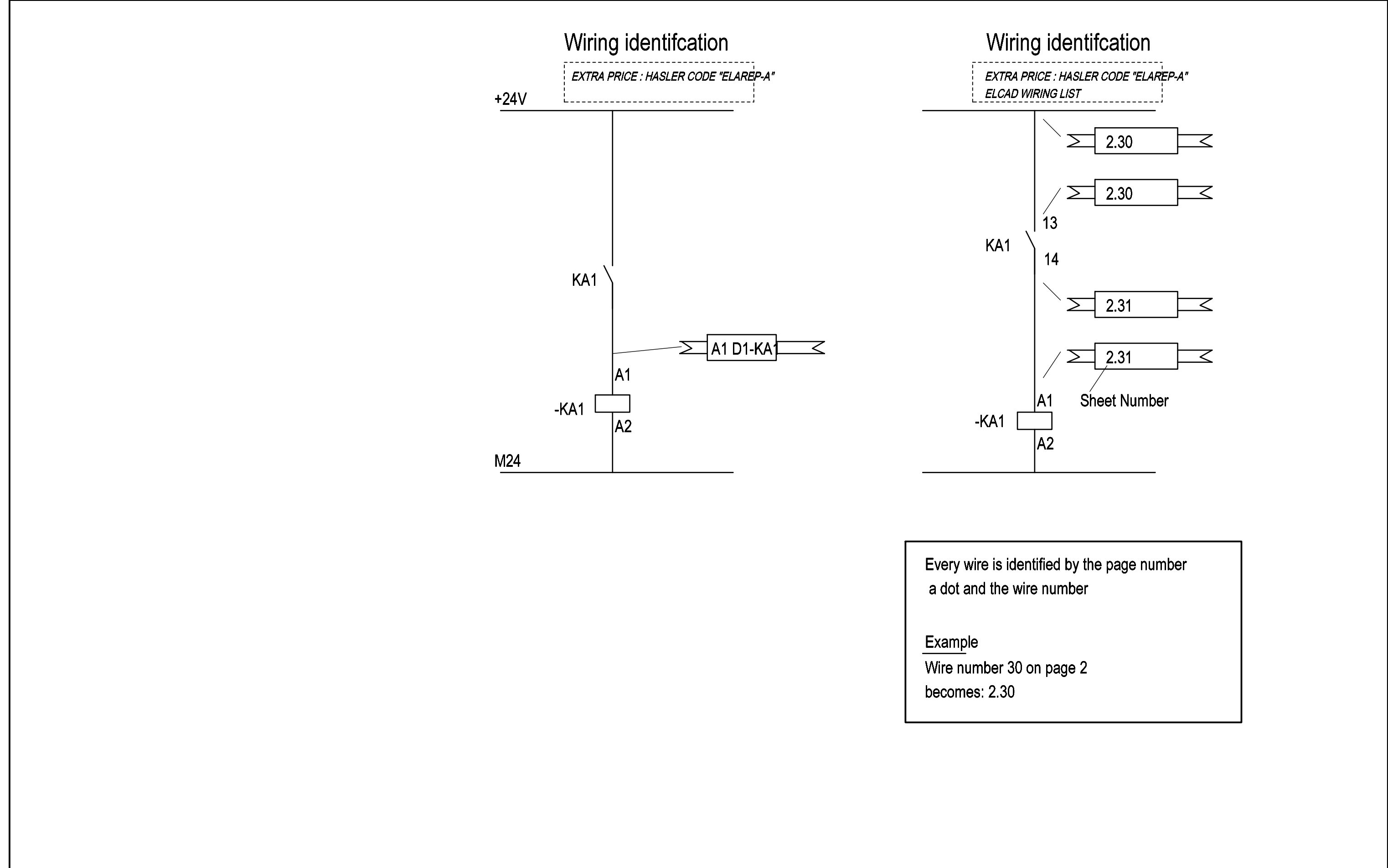
Terminal block	□ mm²	Description
-XT14	2.5max	Local control -Weighfeeder motor

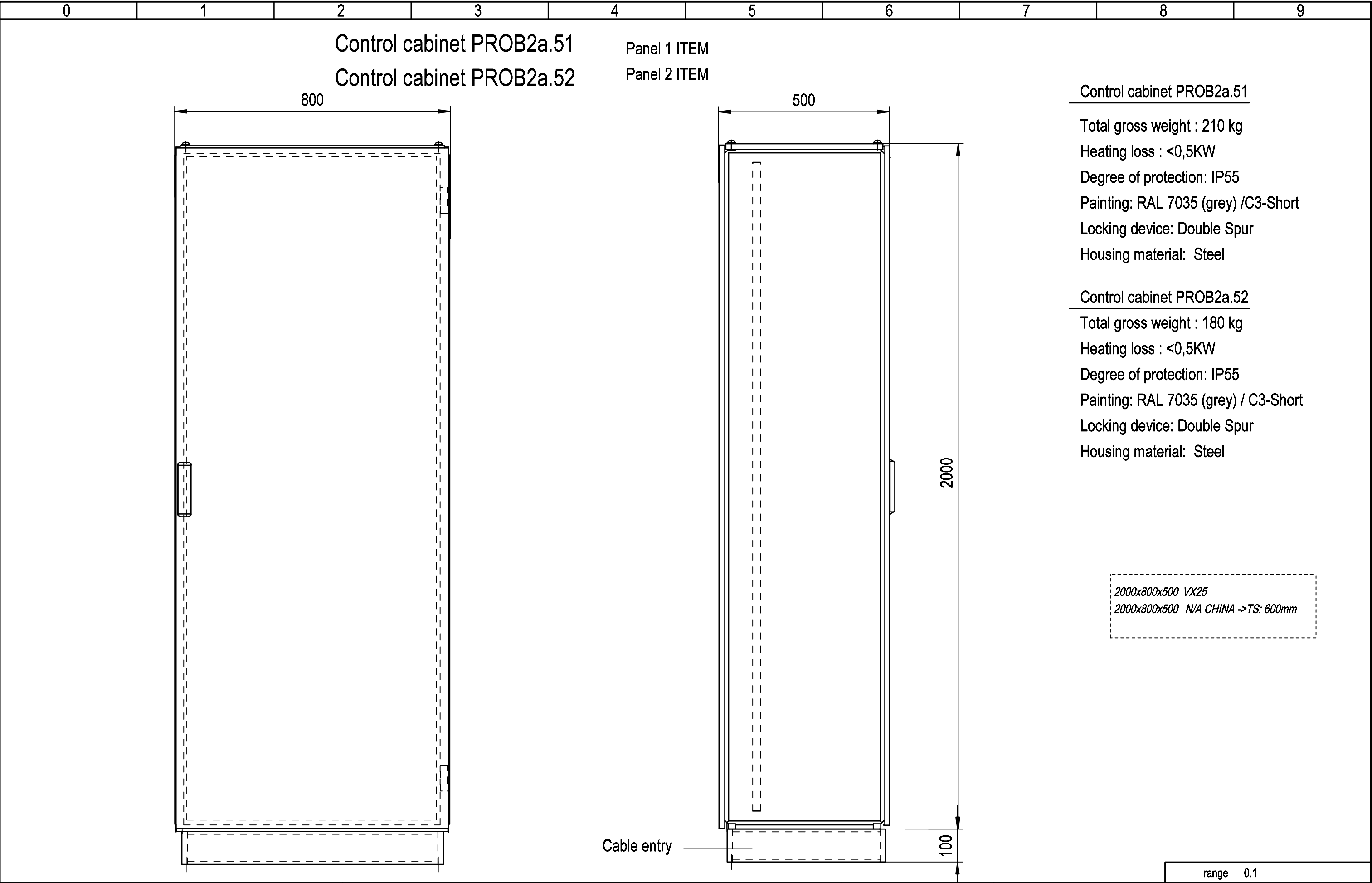
DEFINITION OF JUNCTION BOX TERMINAL STRIPS

Terminal block	□ mm²	Description
-XT15	2.5max	Hopper weighing sensors

0	1	2	3	4	5	6	7	8	9					
DEFINITION OF SWITCH CABINET TERMINAL STRIPS					DEFINITION OF SWITCH CABINET TERMINAL STRIPS									
Terminal block	□ mm²	Description	Terminal block	□ mm²	Description									
-XT80	----	Weighfeeder motor												
-XT81	----	Forced cooling fan motor												
-XT82	2.5max	PTC thermistor : Weighfeeder motor	-XT100	2.5max	Instrument distribution - 230VAC									
-XT83	2.5max	Safety switch: Weighfeeder motor	-XT101	2.5max	Safety modul-General Emergency stop									
			-XT102	2.5max	sensors - digital input-24VDC									
-XT84	----	Feeding device Motor	-XT103	2.5max	sensors - Analog input									
-XT85	----	Feeding device Motor	-XT104	-----	Reserve									
-XT86	2.5max	PTC thermistor : Feeding device Motor	-XT105	2.5max	Horn - 24VDC									
-XT87	2.5max	Safety switch: Feeding device Motor	-XT106	2.5max	Safety modul-General Emergency stop									
			-XT107	2.5max	HMI - 24VDC									
-XT88	----	Spillage motor	-XT108	2.5max	Reserve									
-XT89	2.5max	PTC thermistor : Spillage motor												
-XT90	2.5max	Safety switch: Spillage motor	-XT110,112..119	2.5max	AUXILIARIES INSTRUMENTS -POWER SUPPLY									
			-XT120,131..129	2.5max	AUXILIARIES INSTRUMENTS -ANALOG SIGNALS									
-XT91	----	Horizontal Stirrer Motor	-XT130,131..149	2.5max	AUXILIARIES INSTRUMENTS -DIGITAL SIGNALS									
-XT92	2.5max	PTC thermistor : Horizontal Stirrer Motor												
-XT93	2.5max	Safety switch: Horizontal Stirrer Motor												
-XT94	----	Vertical Stirrer Motor	-XT200	2.5max	EXTERNAL EMERGENCY STOP									
-XT95	2.5max	PTC thermistor : Vertical Stirrer Motor	-XT201	2.5max	DCS Interface : ANALOG SIGNALS / MEASUREMENT (INPUT & OUTPUT)									
-XT96	2.5max	Safety switch: Vertical Stirrer Motor	-XT202	2.5max	DCS Interface : DIGITAL SIGNAL ( INPUT )									
			-XT203	2.5max	DCS Interface : DIGITAL SIGNAL ( OUTPUT )									
<div><div><div>//// HASLER</div><div>GROUP</div></div><div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div></div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM :		Inst.		Loc.				
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			2.2 Drawing structure					PROB2a .032 .001 -		E . a		10		

0	1	2	3	4	5	6	7	8	9	
COLOUR CODE OF SWITCH CABINET INTERNAL WIRING (IEC 60204-1)										
POWER CIRCUIT		400 --> 500VAC	L1,L2,L3	BLACK	Min. 2,5 mm2	Wire typ : H07-V-K Rated voltage : 450/750V				
PROTECTIVE EARTHING AND PROTECTIVE CIRCUIT			N	LIGHT BLUE	Min. 2,5 mm2					
			PE	GREEN/YELLOW	Min. 2,5 mm2					
POWER CIRCUIT		230VAC	L1	BLACK	Min. 2,5 mm2					
			N	LIGHT BLUE	Min. 2,5 mm2					
PROTECTIVE EARTHING AND PROTECTIVE CIRCUIT			PE	GREEN/YELLOW	Min. 2,5 mm2					
CONTROL CIRCUIT		230VAC Aux.-ctrl	2L1/2N	RED	Min. 1,0 mm2	Wire typ : H05-V-K Rated voltage : 300/500V				
CONTROL CIRCUIT		230VAC UPS	3L1/3N	BROWN	Min. 1,0 mm2					
CONTROL CIRCUIT		24VDC Aux.-ctrl	L+24/M24	DARK BLUE	Min. 0,75 mm2	Wire typ : H05-V-K Rated voltage : 300/500V				
CONTROL CIRCUIT		24VDC UPS	4L1/4M	GREY	Min. 0,75 mm2					
SIGNAL EXCHANGE VIA " DRY CONTACTS " (External supply)		<div>Remain Under voltage when main power off</div> <div></div>		ORANGE	Min. 1,0 mm2	Wire typ : H05-V-K Rated voltage : 300/500V				
ANALOG CIRCUIT		0..10V 0/4..20mA	+/-	-----	Min. 0,75 mm2	LIYCY ... According color code DIN 47100				
WIRING SPECIFCATION										
Screw connection : Insulated Ferrules Spring connection: Tightening on the wire										
<div>HASLER GROUP</div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM :		Inst.		Loc.
			2 General 2.2 Drawing structure					Project no.: Type Incr. No language Rev.:		page:
								PROB2a .032 .001- E . a		11







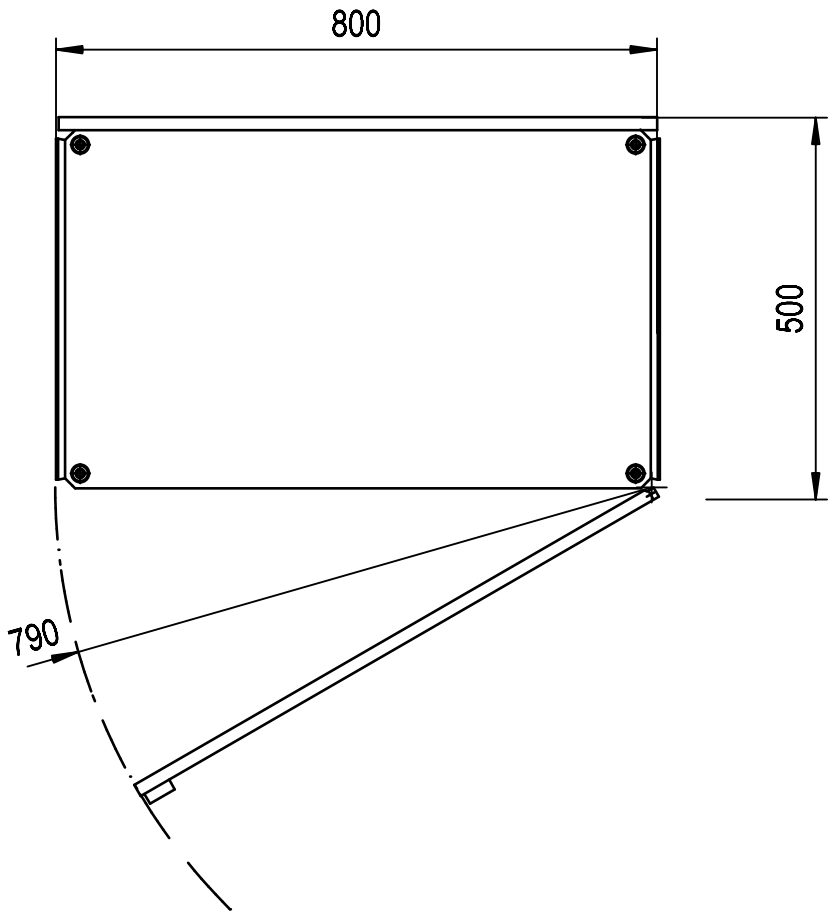
Control cabinet PROB2a.51

Control cabinet PROB2a.52

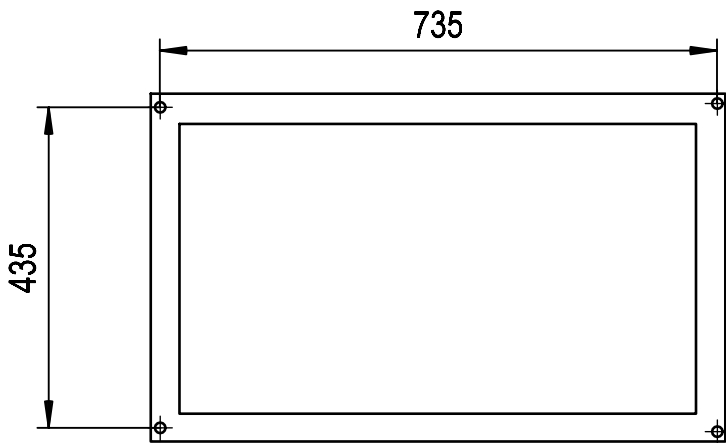
Panel 1 ITEM

Panel 2 ITEM

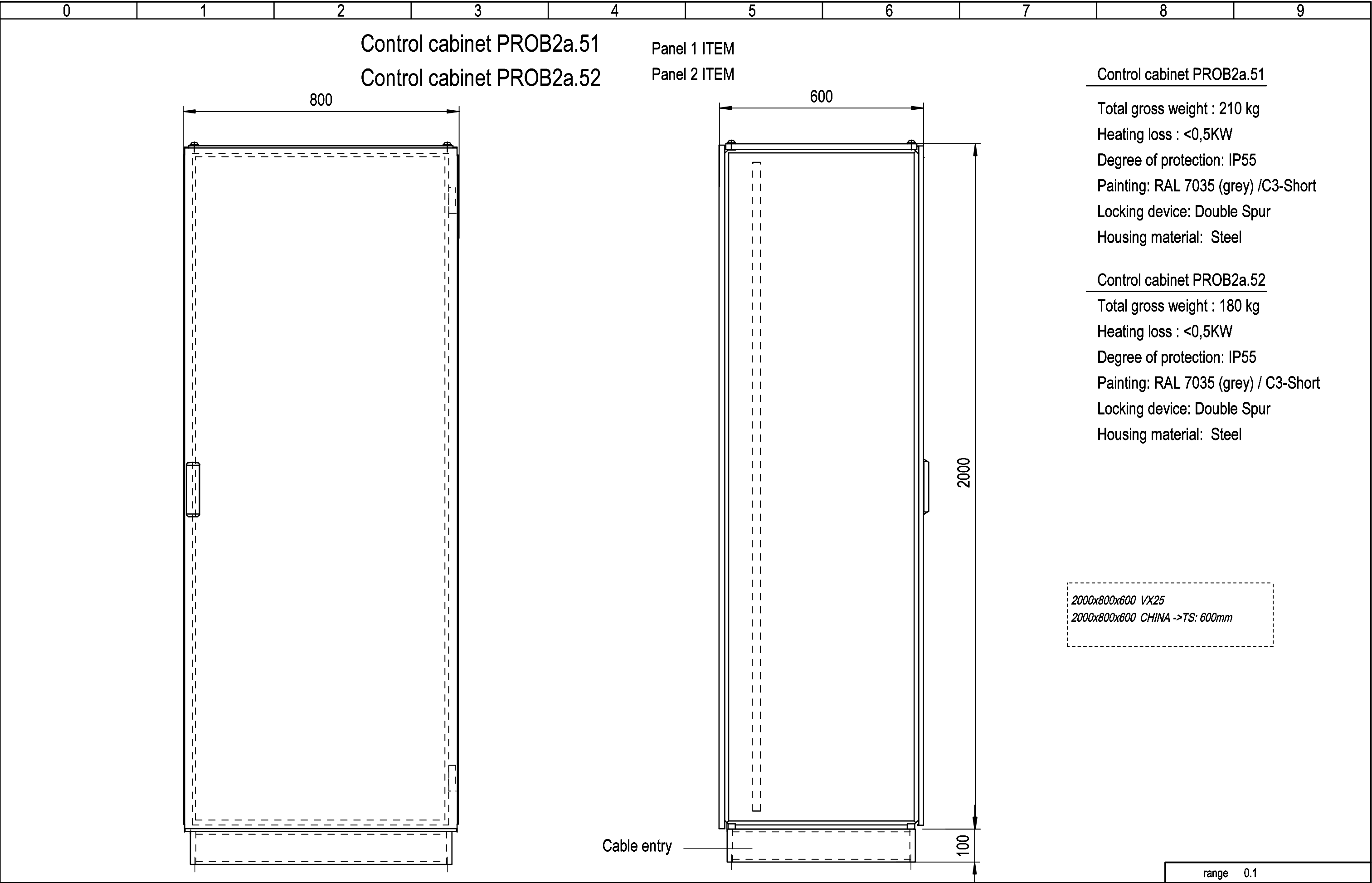
Top view



Bottom view



2000x800x500 VX25  
2000x800x500 N/A CHINA ->TS: 600mm



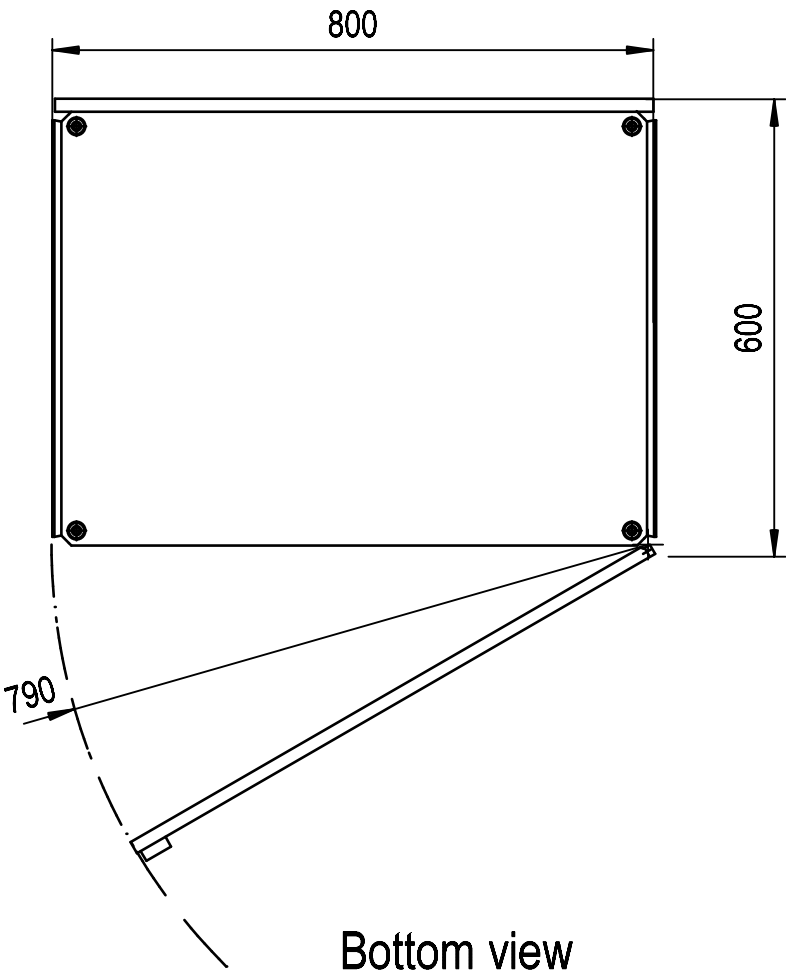
Control cabinet PROB2a.51

Panel 1 ITEM

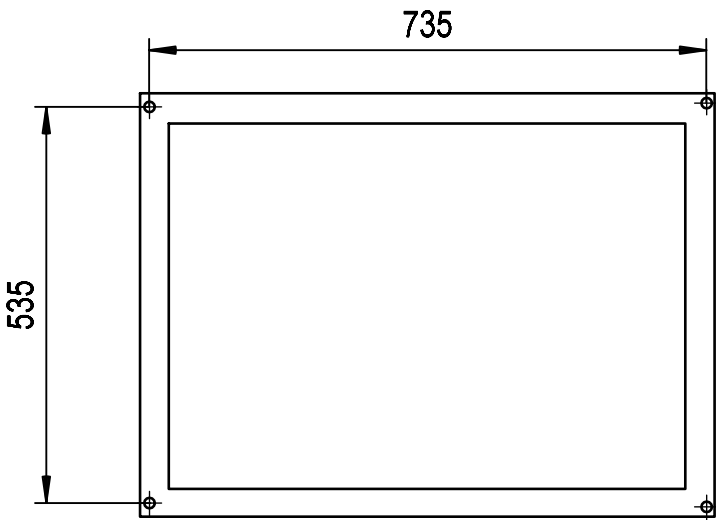
Control cabinet PROB2a.52

Panel 2 ITEM

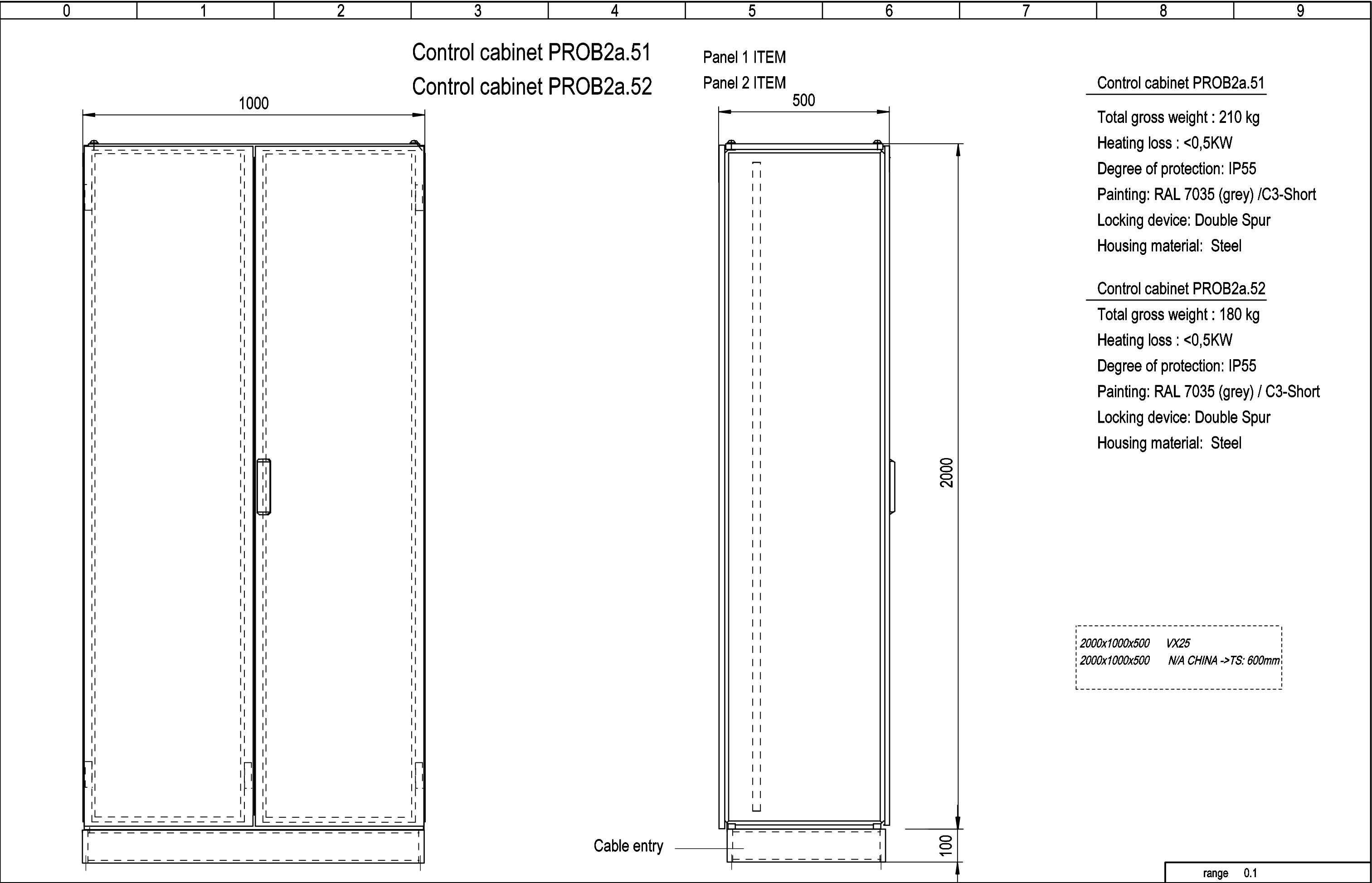
Top view



Bottom view



2000x800x600 VX25  
2000x800x600 CHINA ->TS: 600mm



Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

Control cabinet PROB2a.51

Total gross weight : 210 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) /C3-Short  
Locking device: Double Spur  
Housing material: Steel

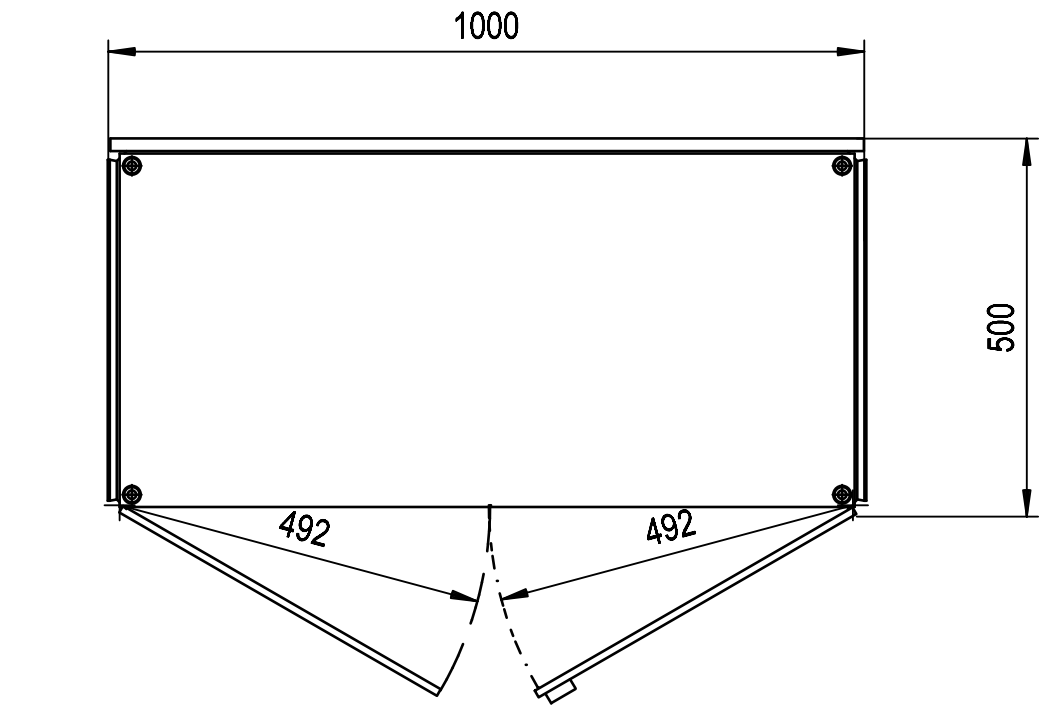
Control cabinet PROB2a.52

Total gross weight : 180 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) / C3-Short  
Locking device: Double Spur  
Housing material: Steel

2000x1000x500 VX25  
2000x1000x500 N/A CHINA -> TS: 600mm

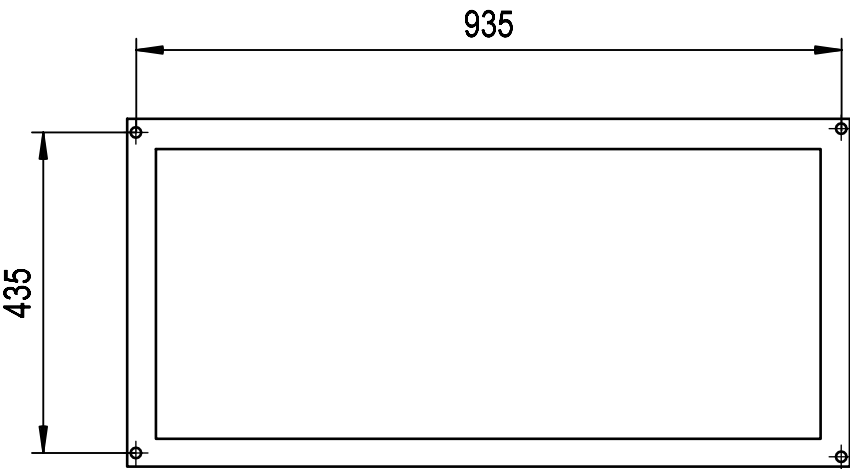
Control cabinet PROB2a.51 ① Panel 1 ITEM  
Control cabinet PROB2a.52 ① Panel 2 ITEM

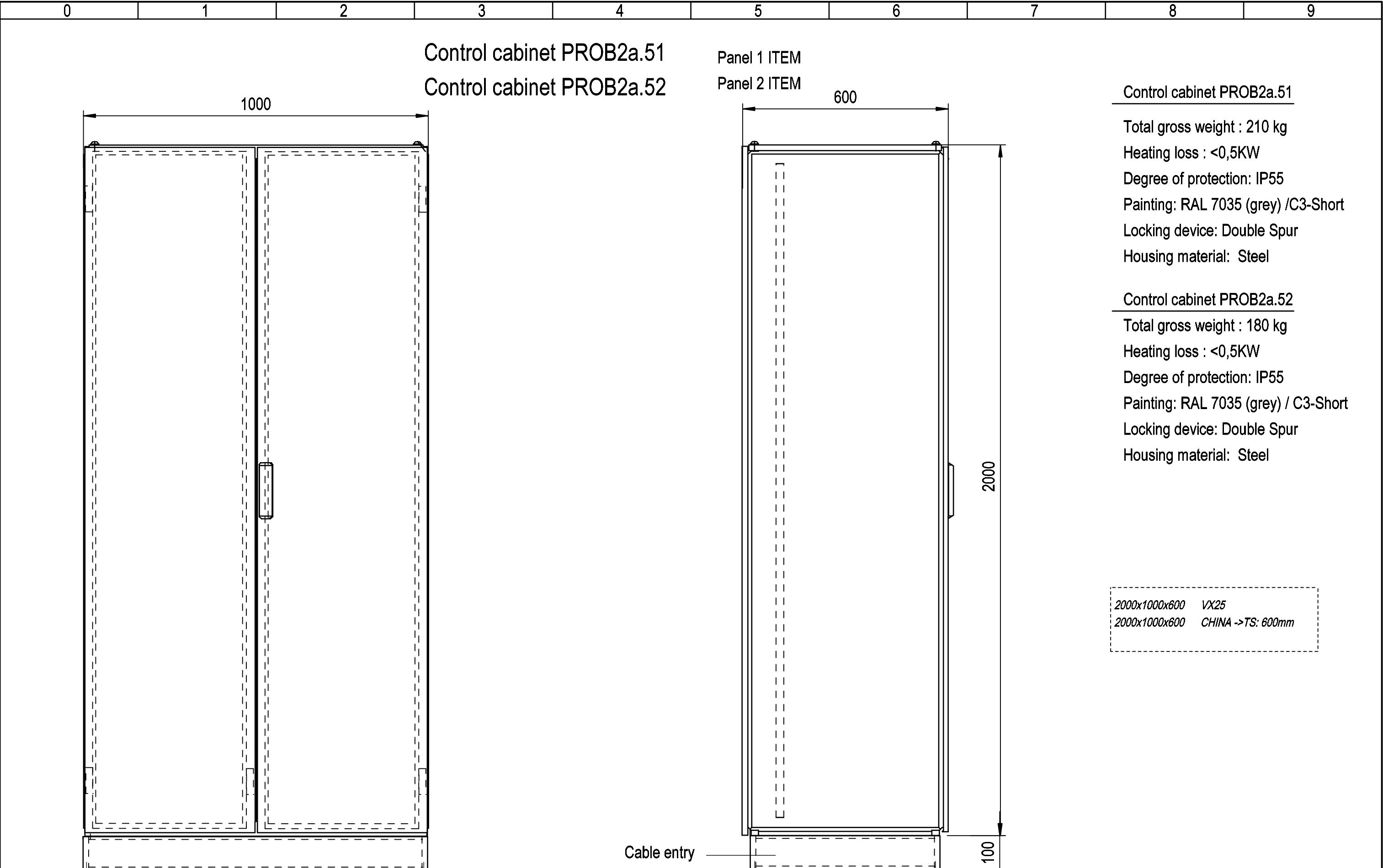
Top view



2000x1000x500 VX25  
2000x1000x500 N/A CHINA ->TS: 600mm

Bottom view





Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

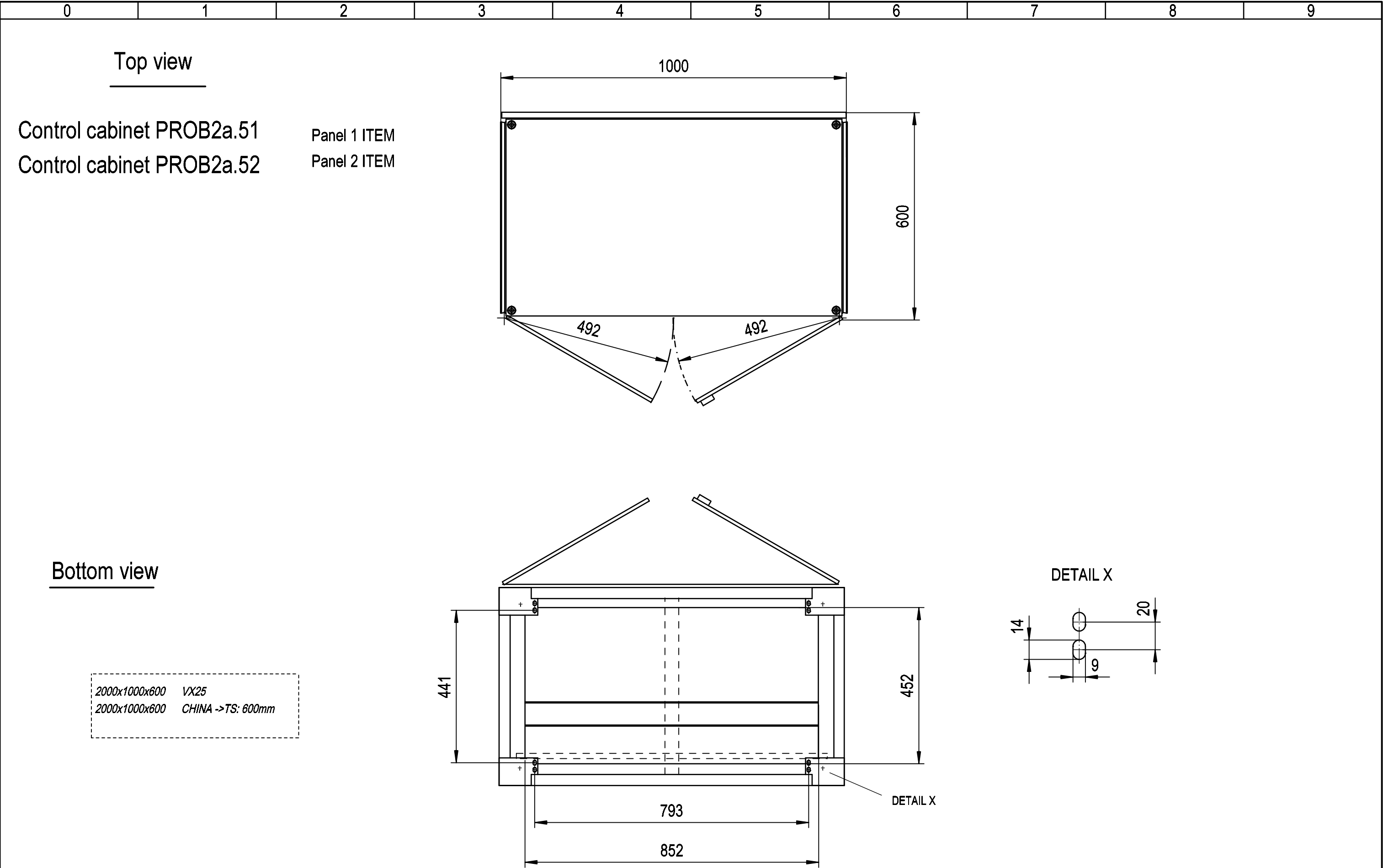
Control cabinet PROB2a.51

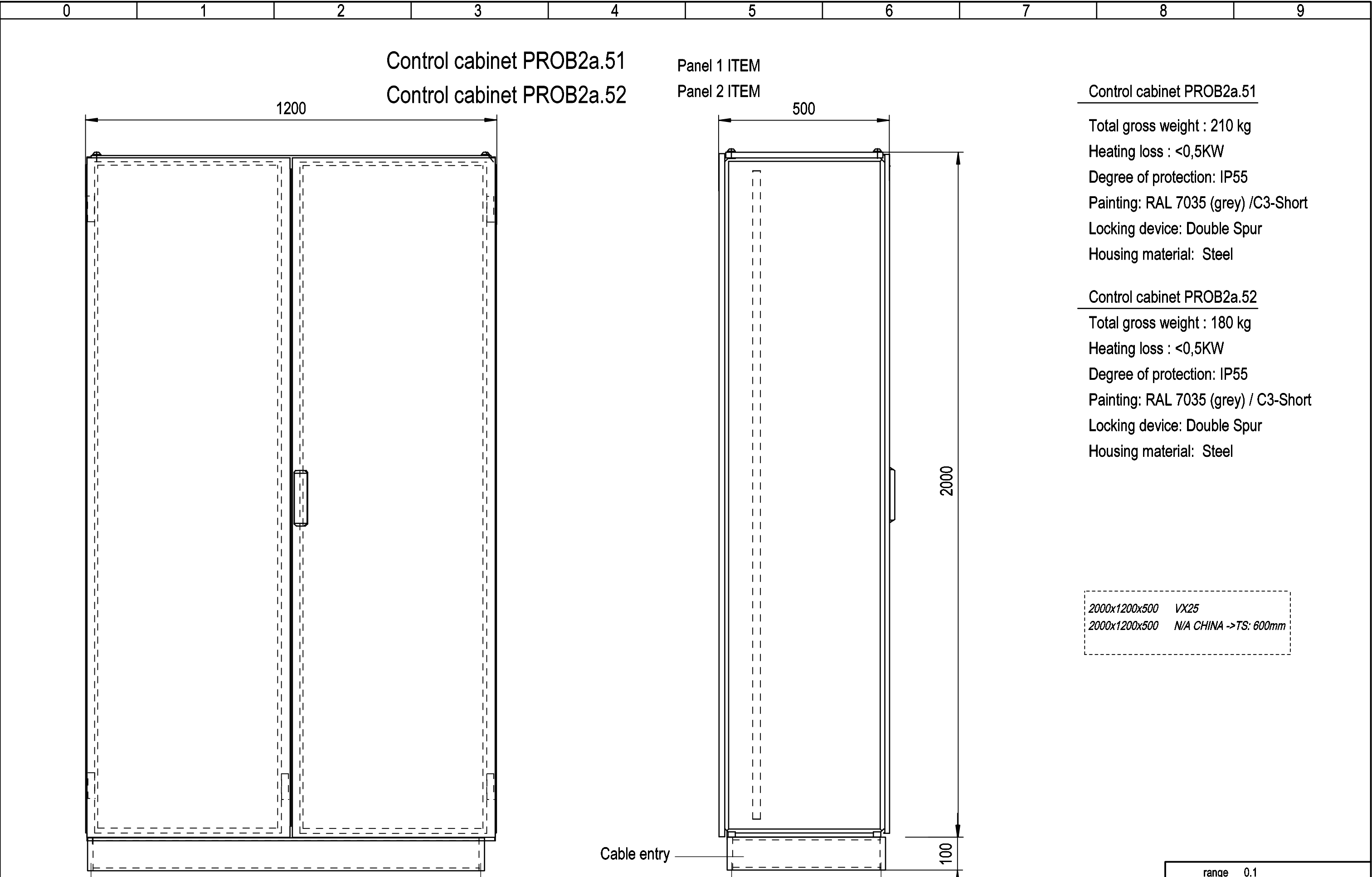
Total gross weight : 210 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) /C3-Short  
Locking device: Double Spur  
Housing material: Steel

Control cabinet PROB2a.52

Total gross weight : 180 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) / C3-Short  
Locking device: Double Spur  
Housing material: Steel

2000x1000x600 VX25  
2000x1000x600 CHINA ->TS: 600mm





Control cabinet PROB2a.51

Total gross weight : 210 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) /C3-Short  
Locking device: Double Spur  
Housing material: Steel

Control cabinet PROB2a.52

Total gross weight : 180 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) / C3-Short  
Locking device: Double Spur  
Housing material: Steel

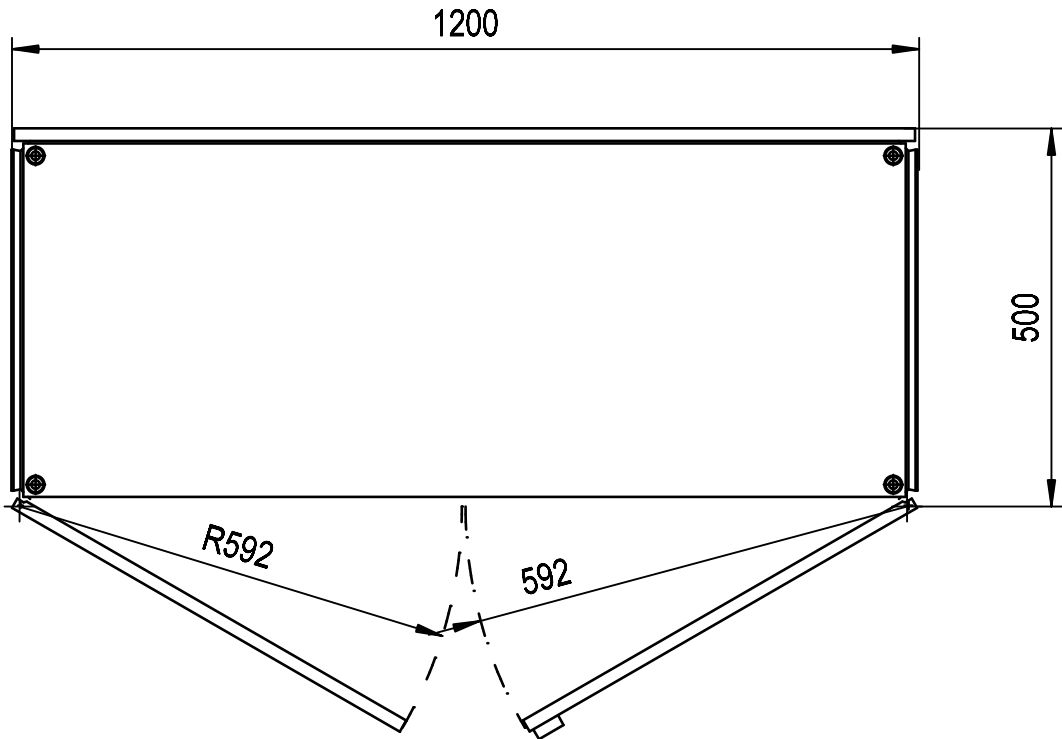
2000x1200x500 VX25  
2000x1200x500 N/A CHINA ->TS: 600mm



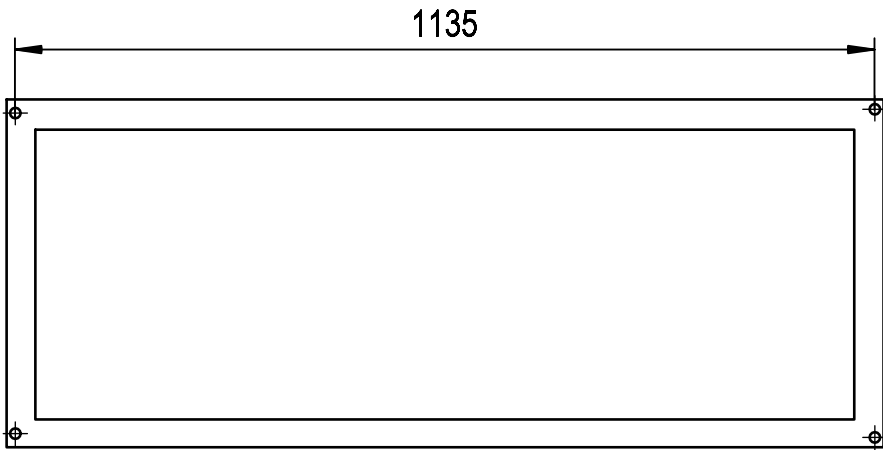
Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

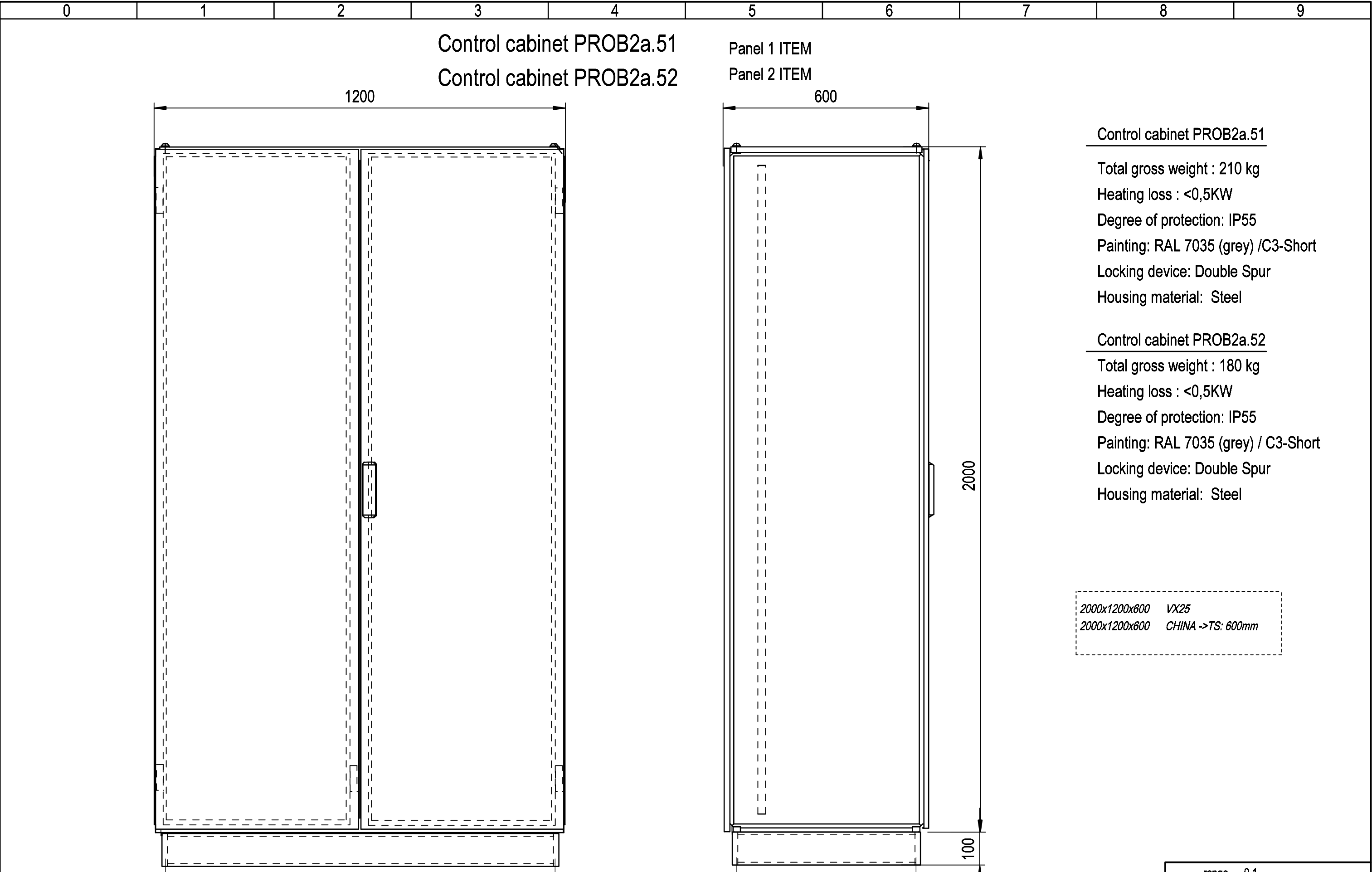
Top view



Bottom view



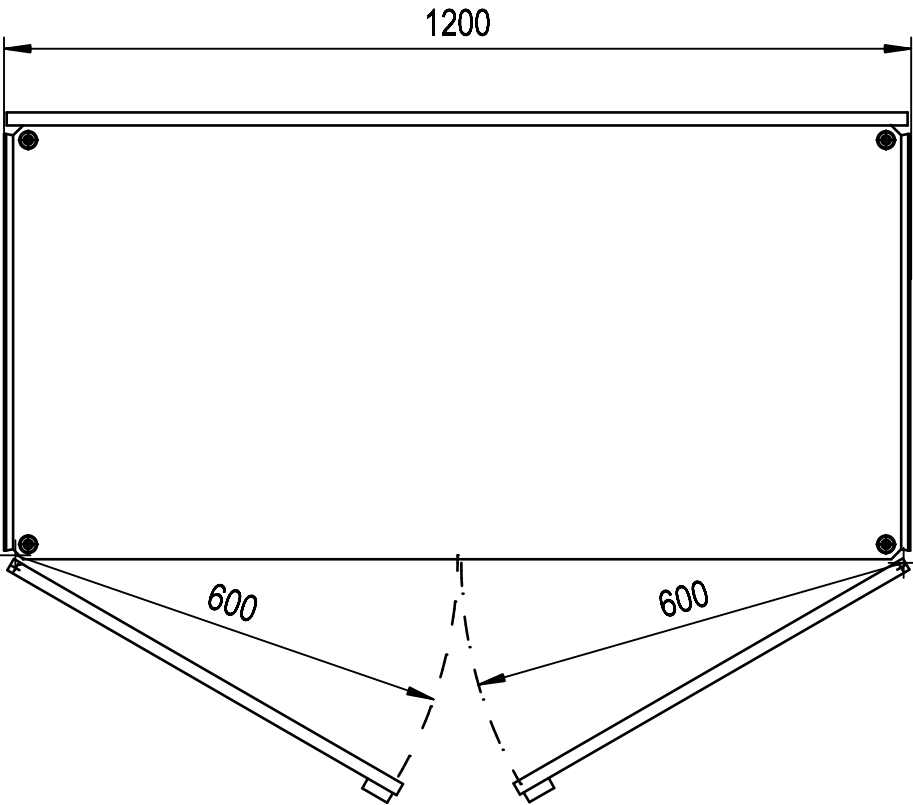
2000x1200x500    VX25  
2000x1200x500    N/A CHINA ->TS: 600mm



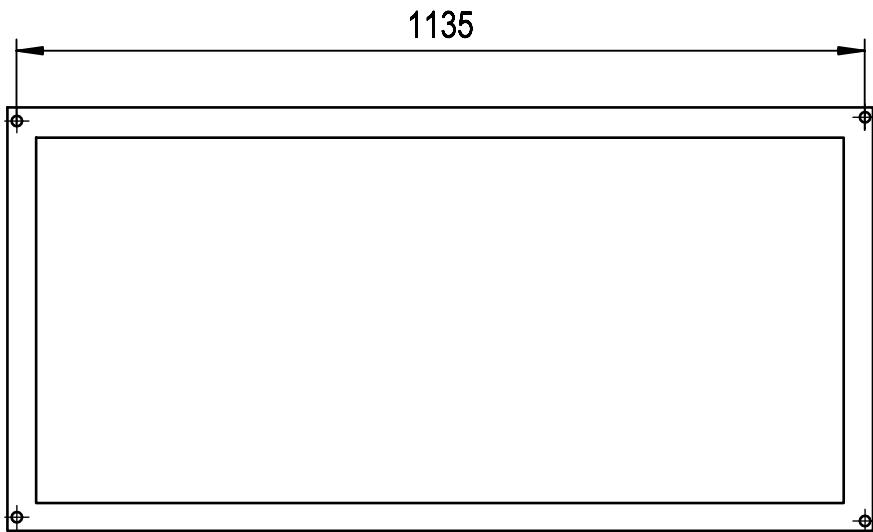
Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

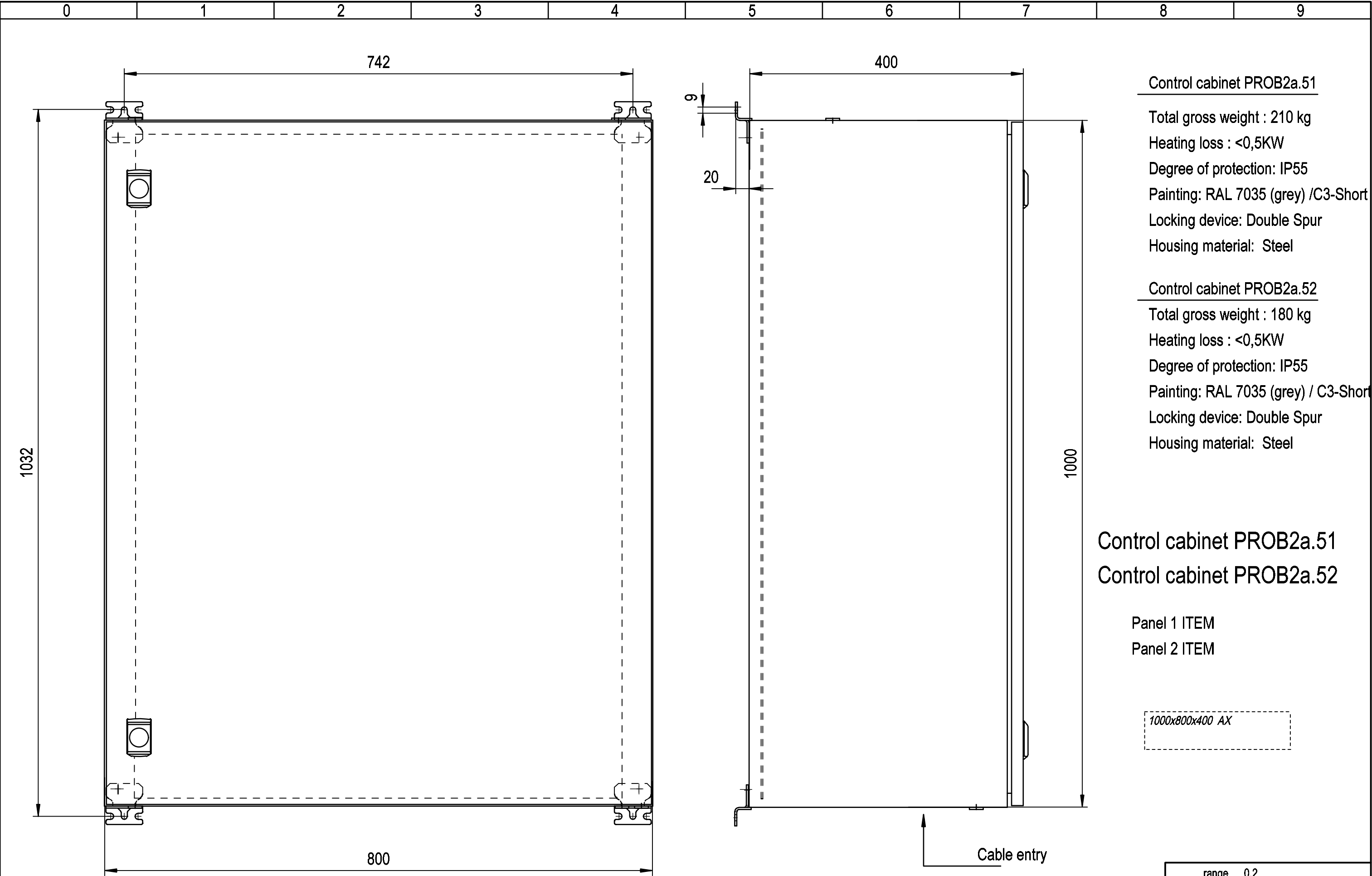
Top view



Bottom view



2000x1200x600 VX25  
2000x1200x600 CHINA ->TS: 600mm



**Control cabinet PROB2a.51**

Total gross weight : 210 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) /C3-Short  
Locking device: Double Spur  
Housing material: Steel

**Control cabinet PROB2a.52**

Total gross weight : 180 kg  
Heating loss : <0,5KW  
Degree of protection: IP55  
Painting: RAL 7035 (grey) / C3-Short  
Locking device: Double Spur  
Housing material: Steel

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

1000x800x400 AX

Cable entry

range 0.2



HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)  
3 Arrangement diagram  
3.1 Dimensions Cabinet

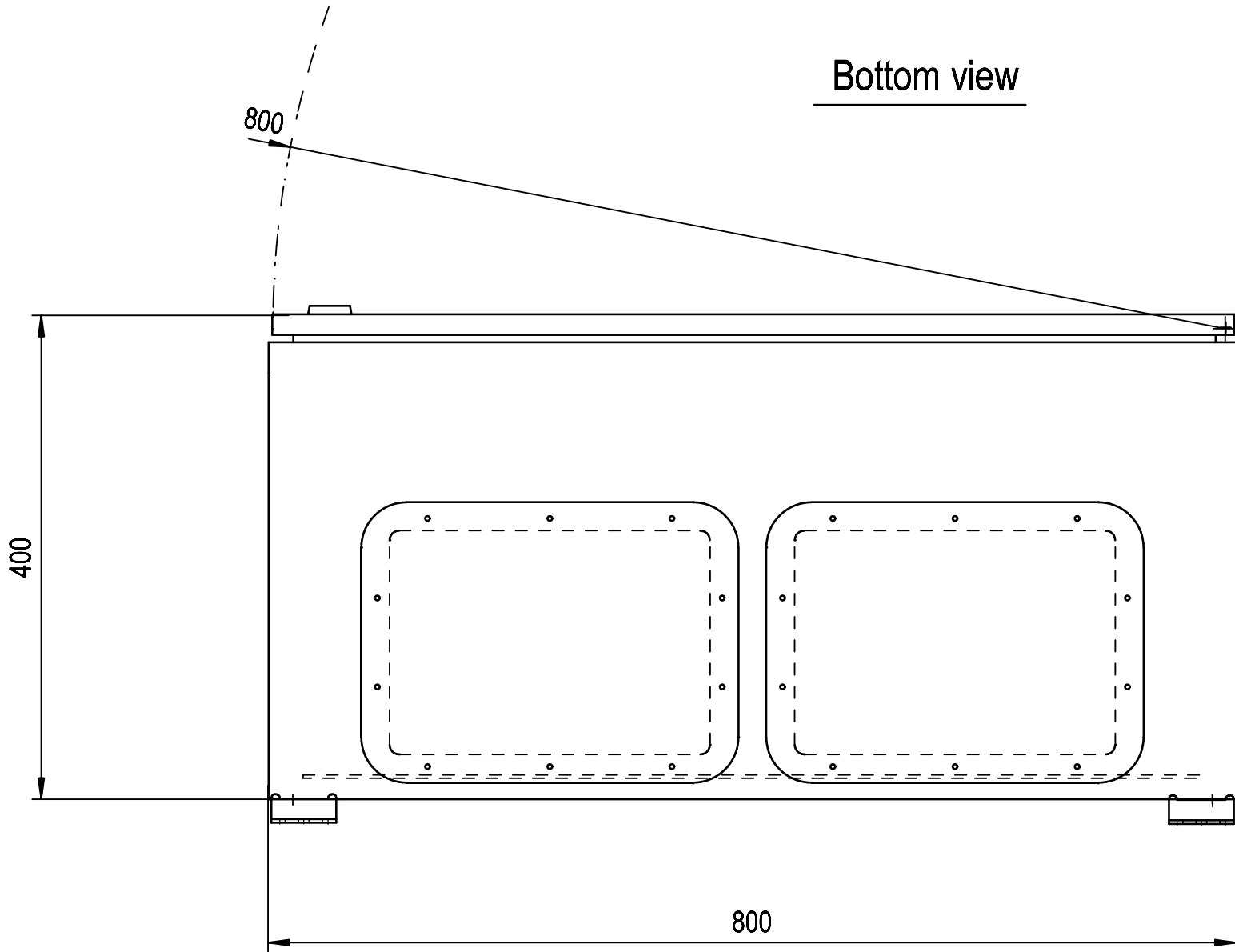
ITEM :  
Panel 1 ITEM  
Panel 2 ITEM

Inst.  
Project no.: Type Incr. No language Rev.: page:  
PROB2a .010 .001- E . a 25

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

Bottom view



1000x800x400 AX

IF SPECIALITIES ARE  
REQUIRED

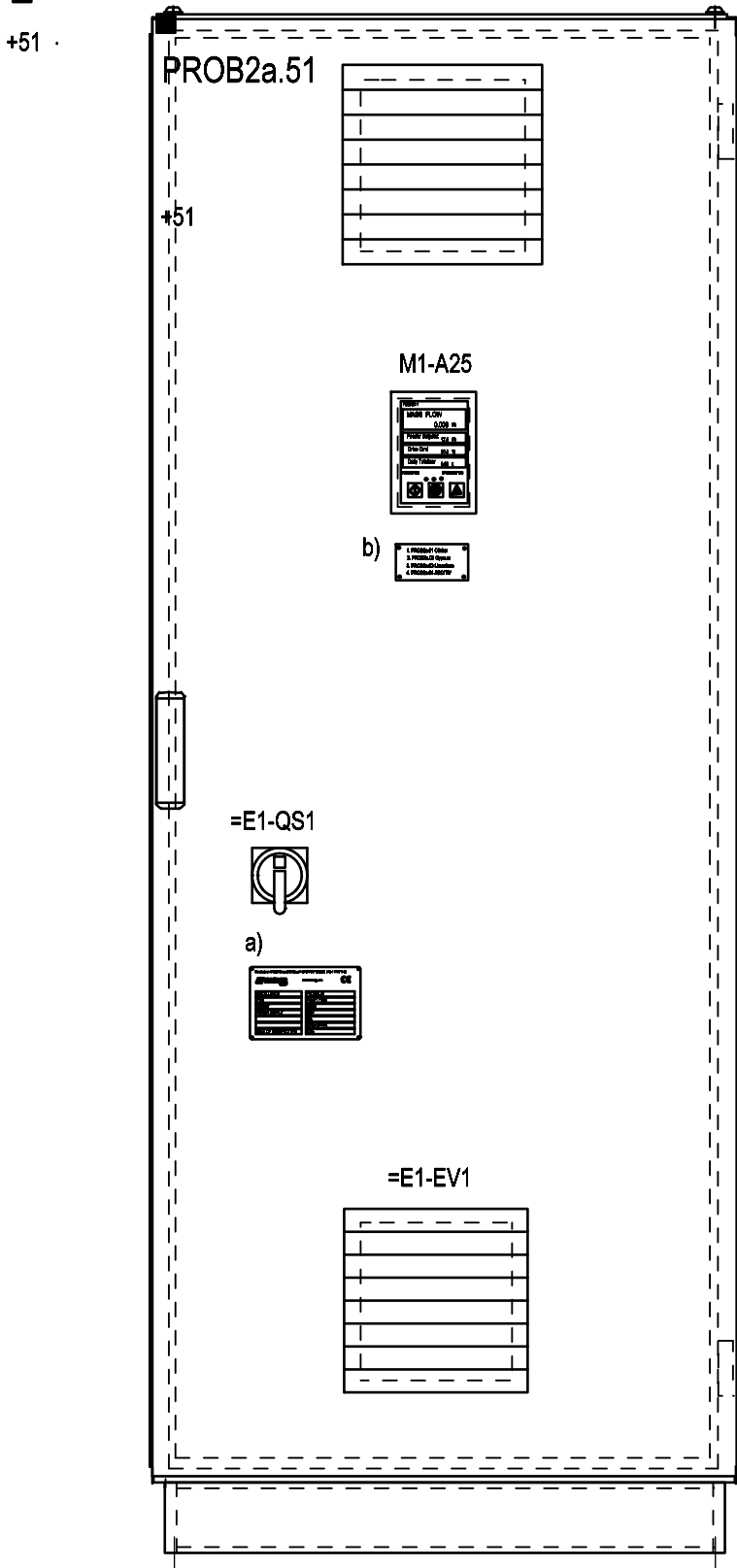
CE-marking:  
PN without CE: H00024300 (Standard for stand-alone cabinets)  
PN with CE: H00020077 (Symbol: !PLAQUE\_HASL\_GP)

Control cabinet PROB2a.51

Control cabinet PROB2a.52

Panel 1 ITEM

Panel 2 ITEM



WITHOUT UPS

a)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)

www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V
	32A
	50Hz / 3P+PE
YEAR OF MANUFACTURE	2025

WITH UPS

a)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)

www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V- 50Hz    230V-50Hz
	32A                4A
	3P+PE            L+N+PE
YEAR OF MANUFACTURE	2025

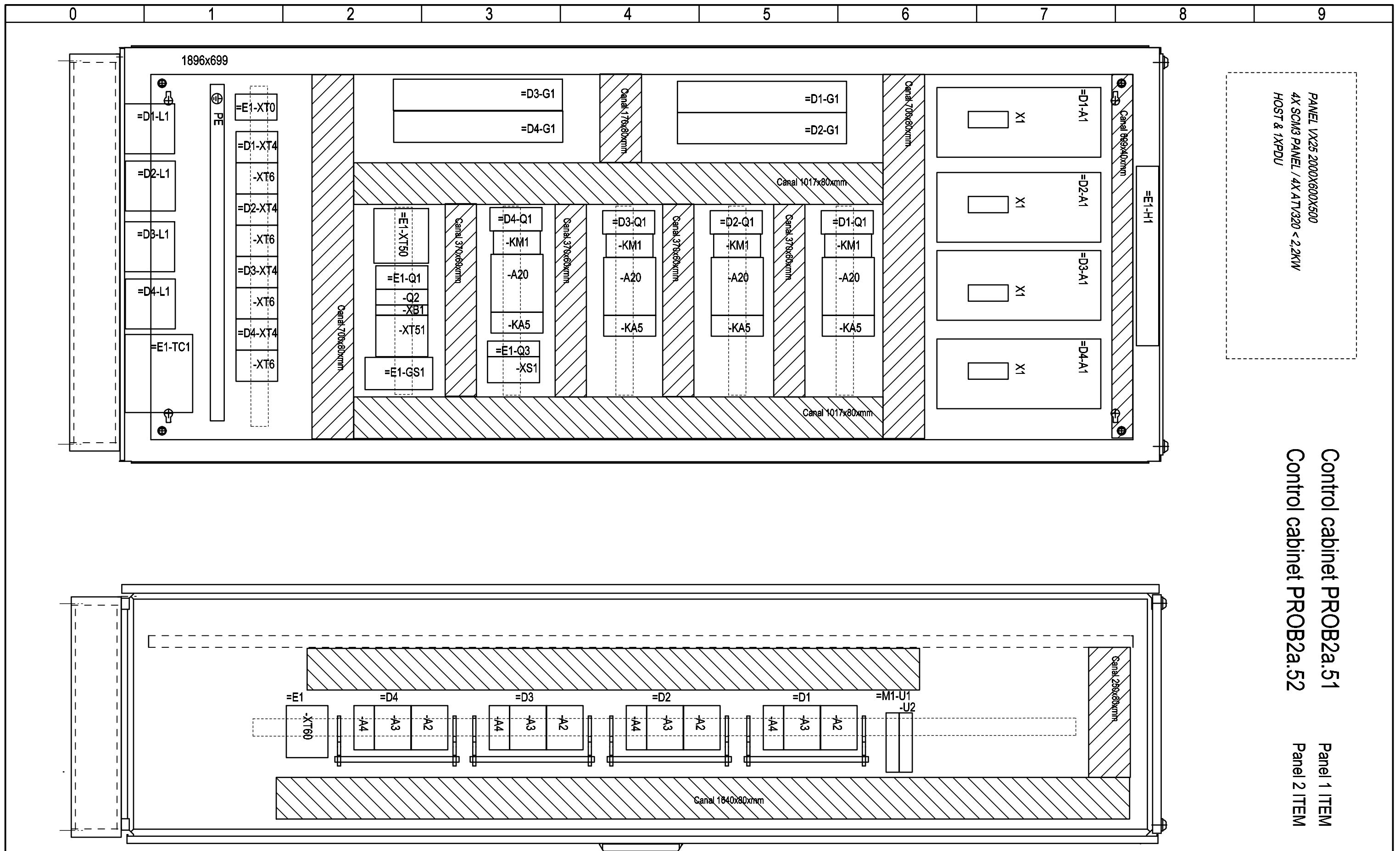
- b)
1. PROB2a.01 Clinker

2. PROB2a.02 Gypsum

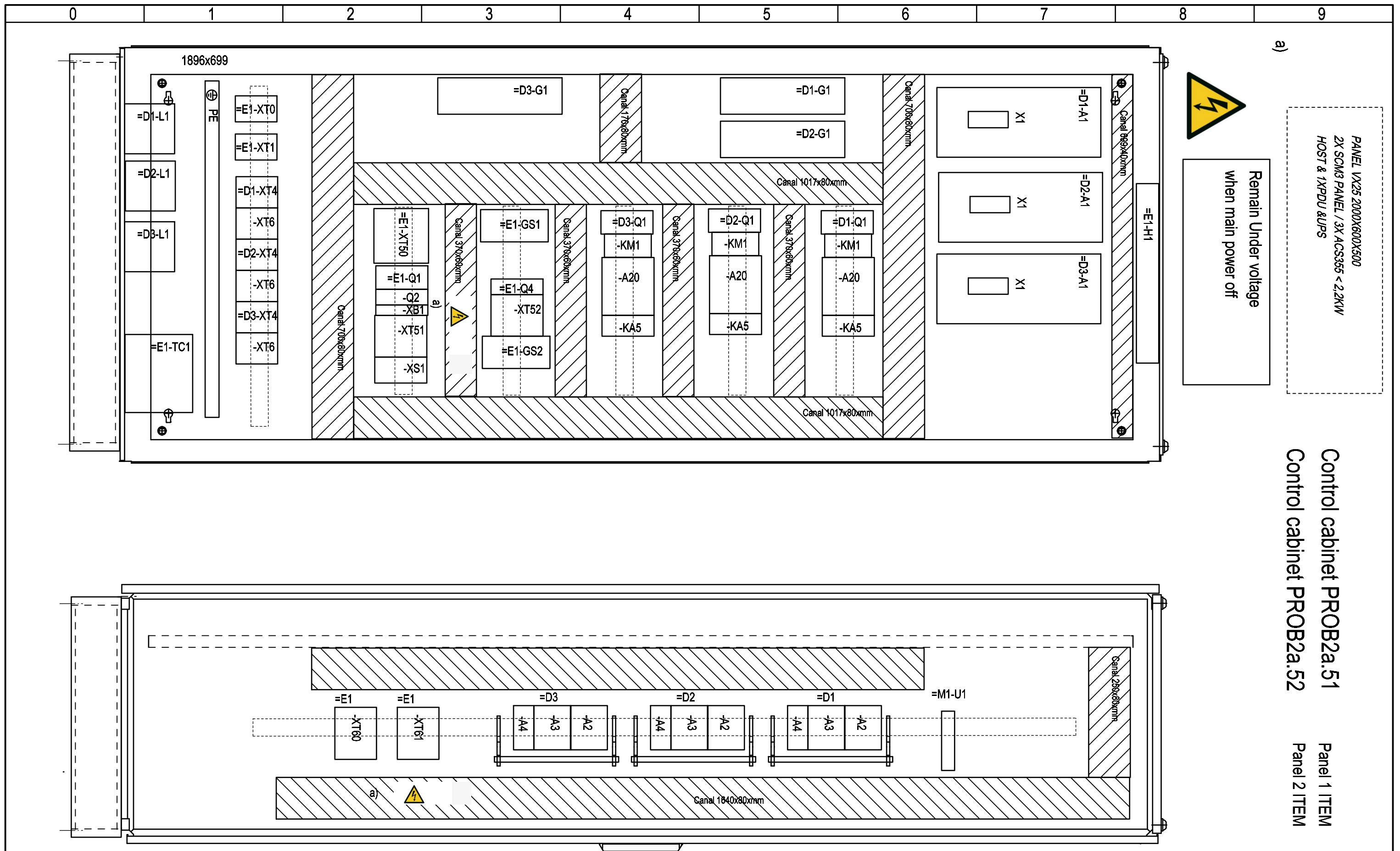
3. PROB2a.03 Limestone

4. PROB2a.04 ADDITIV

PANEL VX25 2000X800X500  
4X SCM3 PANEL / 4X ATV320 < 2,2KW  
HOST & 1XPDU



Control cabinet PROB2a.51  
Control cabinet PROB2a.52





IF SPECIALITIES ARE  
REQUIRED

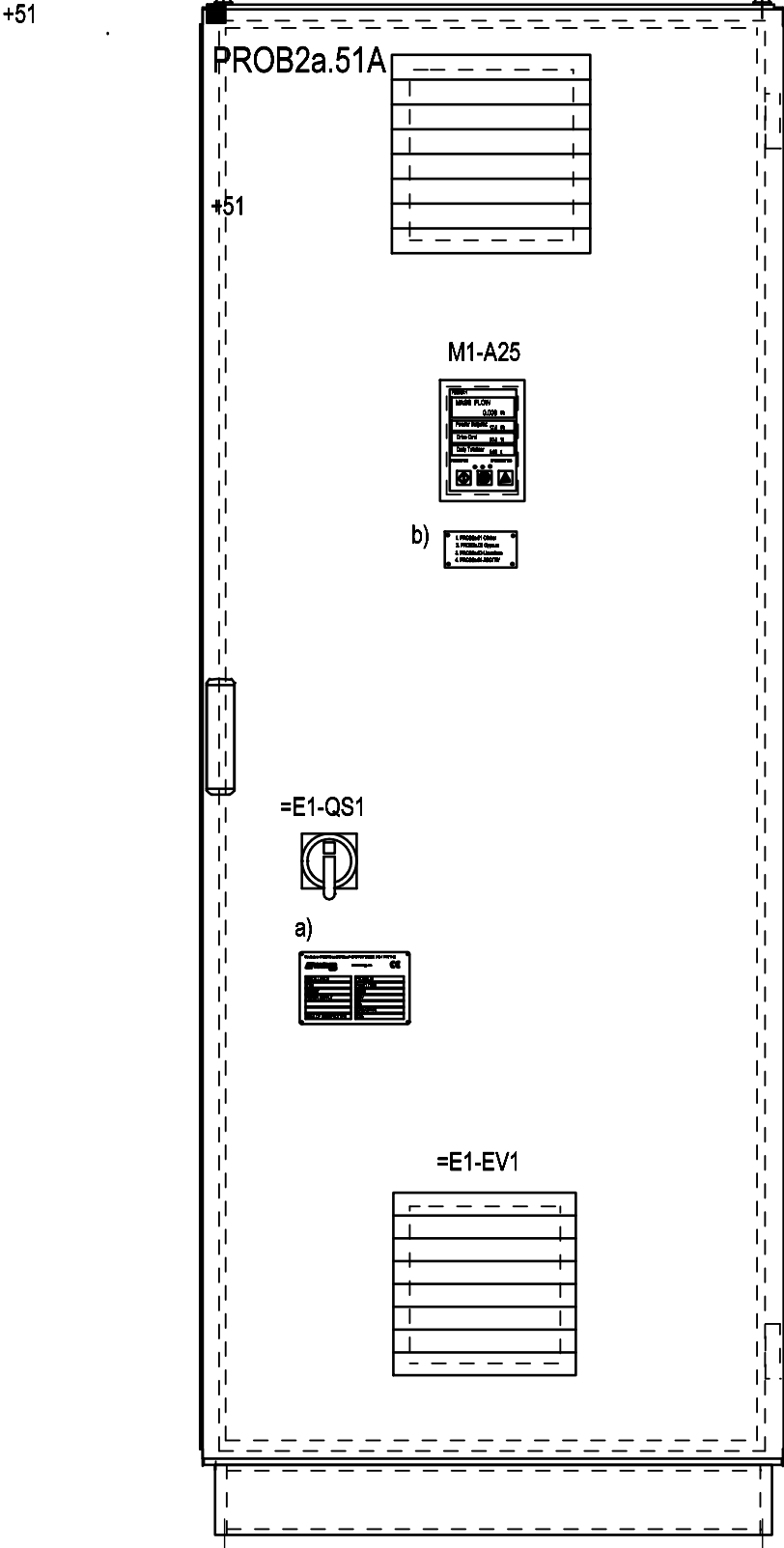
CE-marking:  
PN without CE: H00024300 (Standard for stand-alone cabinets)  
PN with CE: H00020077 (Symbol: !PLAQUE\_HASL\_GP)

Control cabinet PROB2a.51

Control cabinet PROB2a.52

Panel 1 ITEM


Panel 2 ITEM



WITHOUT UPS

a)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)


www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V
	32A
	50Hz / 3P+PE
YEAR OF MANUFACTURE	2025

WITH UPS

a)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)

www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V- 50Hz    230V-50Hz
	32A                4A
	3P+PE            L+N+PE
YEAR OF MANUFACTURE	2025

- b)
1. PROB2a.01 Clinker

2. PROB2a.02 Gypsum

3. PROB2a.03 Limestone

4. PROB2a.04 ADDITIV

CHINEESE MANUFACTURING

800X2000X600    TS8806.500

PROB2a.51AAA

+51

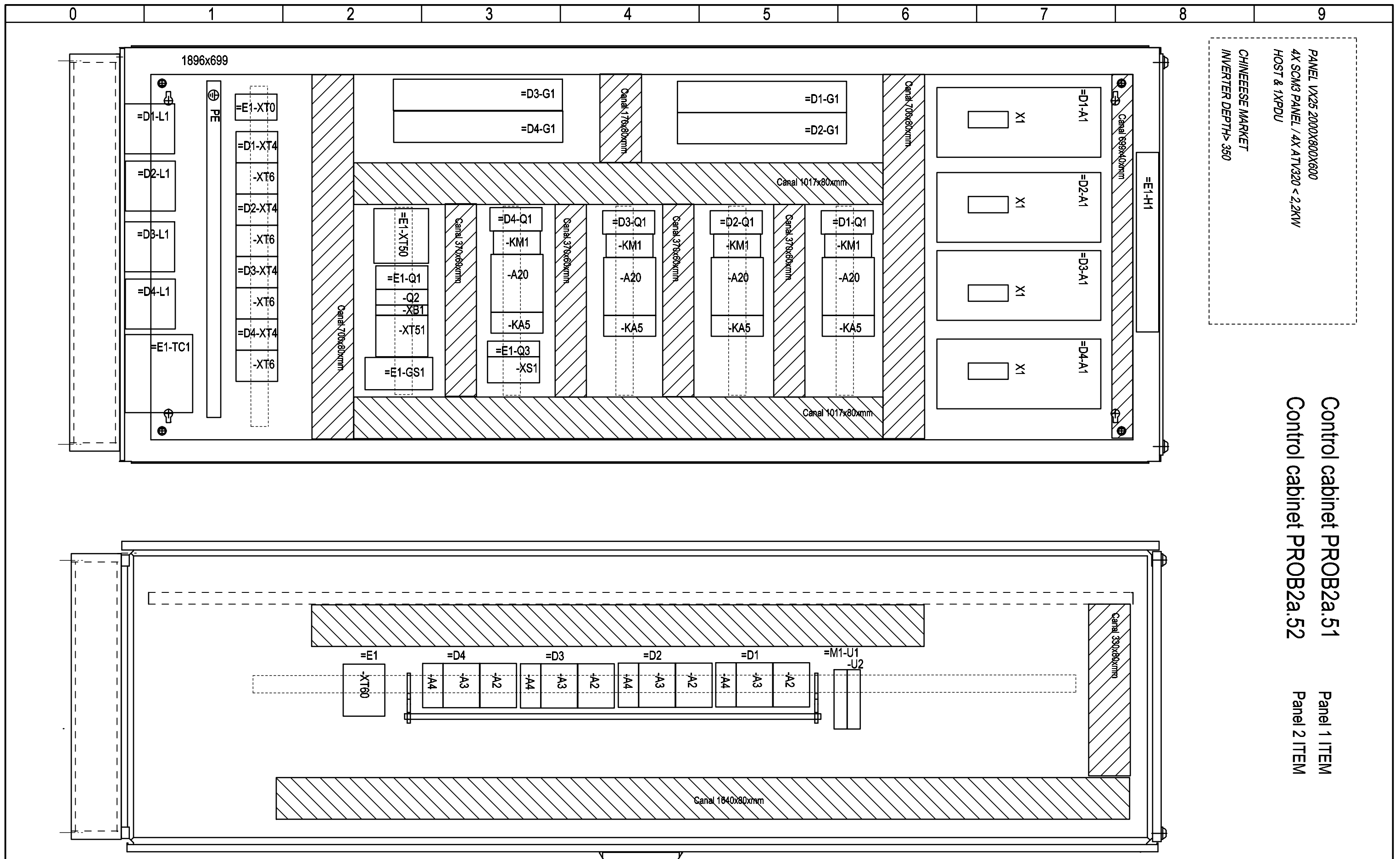
PANEL VX25 2000X800X600

4X SCM3 PANEL / 4X ATV320 < 2,2KW

HOST & 1X PDU

CHINEESE MARKET

INVERTER DEPTH> 350



Control cabinet PROB2a.51



PANEL VX25 2000X1000X500  
4X SCH3 PANEL / 4X ACS365 < 2,2KW  
HOST & 1XPDU

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

range 0.15

Loc.

Inst.

Project no.:

Type

Incr. No

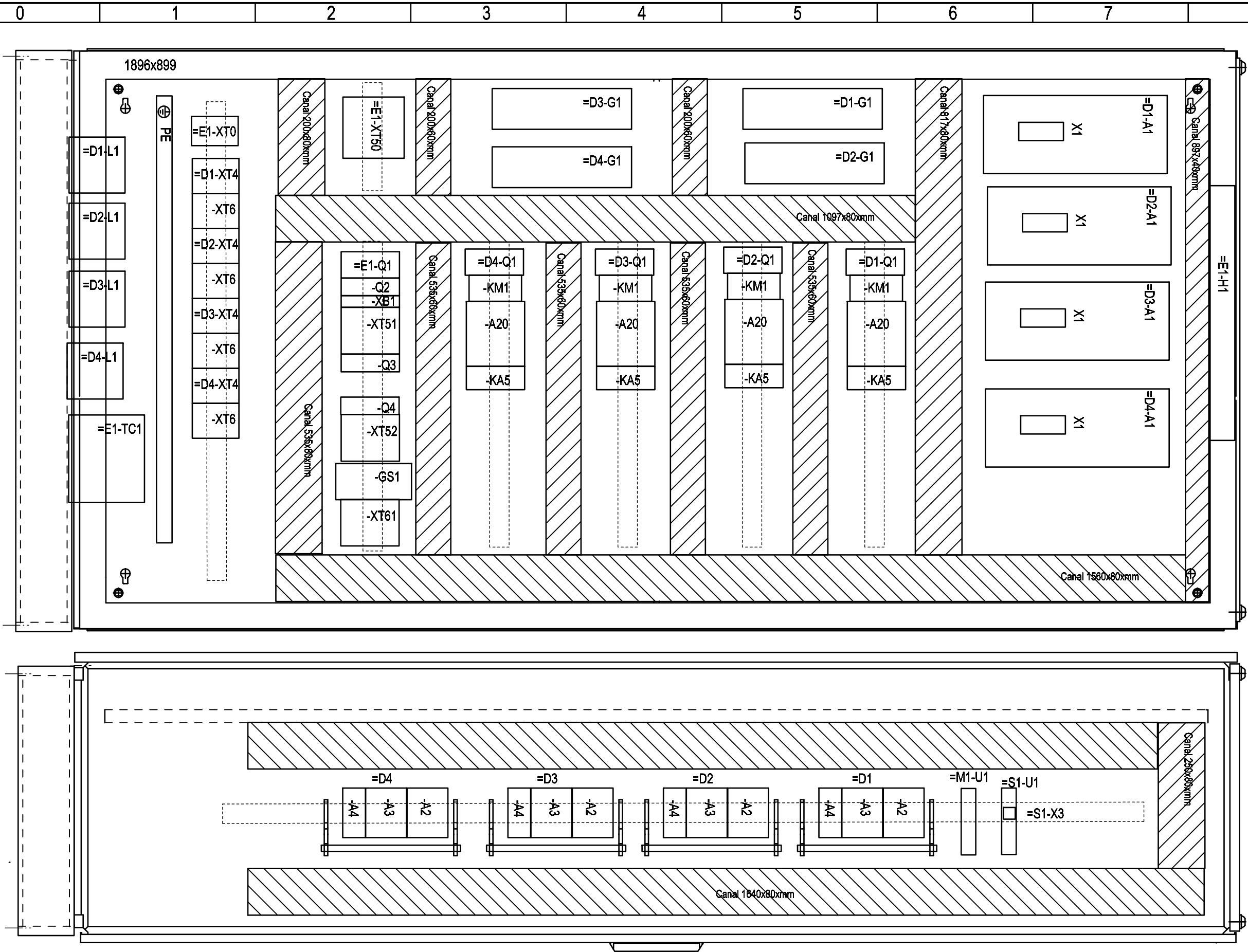
language

Rev.:

page:

PROB2a .050 .001 - E . a

33





Remain Under voltage  
when main power off

PANEL VX25 2000X1000X500  
4X SCM3 PANEL / 4X ACS355 < 2,2kW/  
HOST & 1XPDU

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

range 0.15

Inst.		Loc.		page:	
Project no.:	Type	Incr. No	language	Rev.:	
PROB2a .050 .001 -		E	a		34

a)

=E1-H1

Canal 887x400mm

=D1-A1

X1

=D2-A1

X1

=D3-A1

X1

=D4-A1

X1

Canal 1560x80mm

Canal 817x80mm

=D1-G1

=D2-G1

=D1-Q1

-KM1

-A20

-KA5

Canal 535x60mm

=D2-Q1

-KM1

-A20

-KA5

Canal 535x60mm

=D3-Q1

-KM1

-A20

-KA5

Canal 535x60mm

=D4-Q1

-KM1

-A20

-KA5

Canal 535x60mm

=D3-G1

=D4-G1

=E1-Q4

-XT52

=E1-GS2

-XT62

Canal 535x60mm

=E1-Q1

-Q2

-XB1

-XT51

-Q3

-Q4

-XT52

-GS1

-XT60

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

Canal 535x60mm

=E1-XT50

Canal 200x60mm

=E1-XT1

=E1-XT0

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

Canal 200x60mm

=E1-XT0

=E1-XT1

=E1-XT2

=E1-XT3

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-XT6

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1896x899

PE

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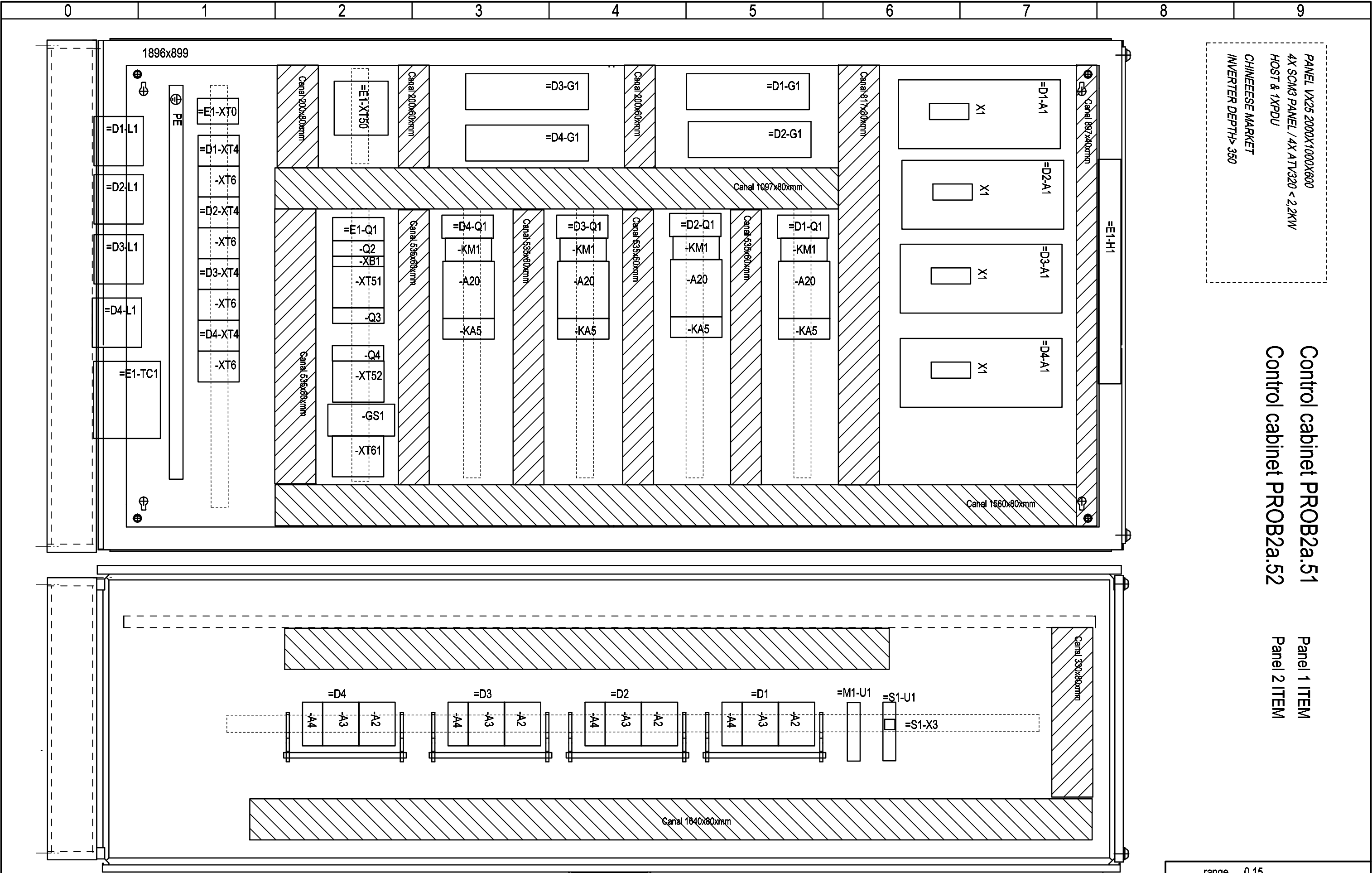
HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)  
3 Arrangement diagram  
3.2 Layout Cabinet

ITEM :  
Panel 1 ITEM  
Panel 2 ITEM

Inst. Project no.: Type Incr. No language Rev.:  
PROB2a .050 .001 - E . a  
page: 34





PANEL VX25 2000X1000X600  
4X SCM3 PANEL / 4X AT/320 < 2,2KW  
HOST & 1X PDU  
CHINESESE MARKET  
INVERTER DEPTH> 350

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

range 0.15



HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)  
3 Arrangement diagram  
3.2 Layout Cabinet

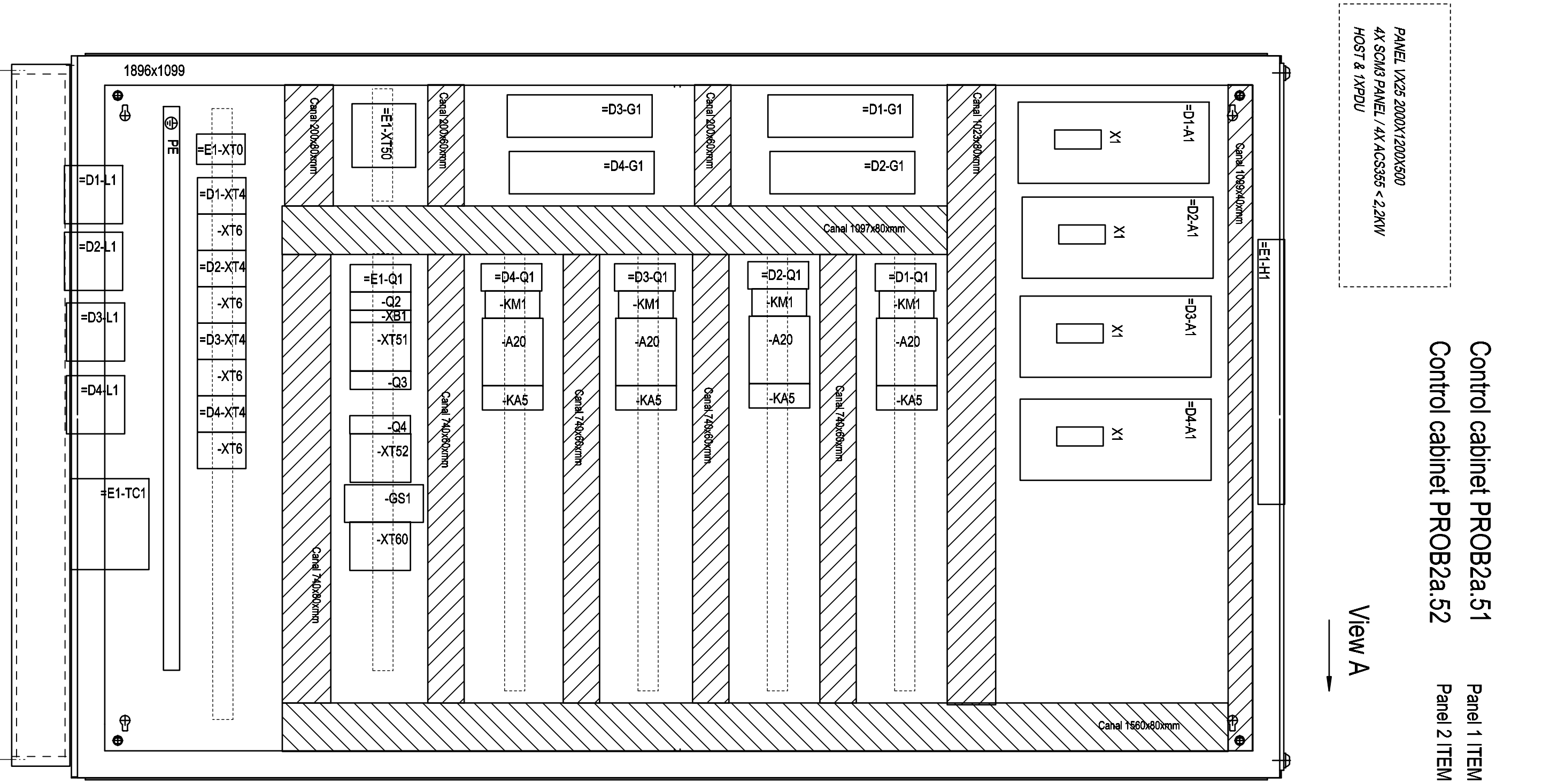
ITEM :  
Panel 1 ITEM  
Panel 2 ITEM

Inst.	Project no.:	Type	Incr. No	language	Rev.:	page:
	PROB2a .050 .001 -	E	a			36





0123456789



PANEL VX25 2000X1200X500  
4X SCM3 PANEL / 4X ACS355 < 2,2KW  
HOST & 1XPDU

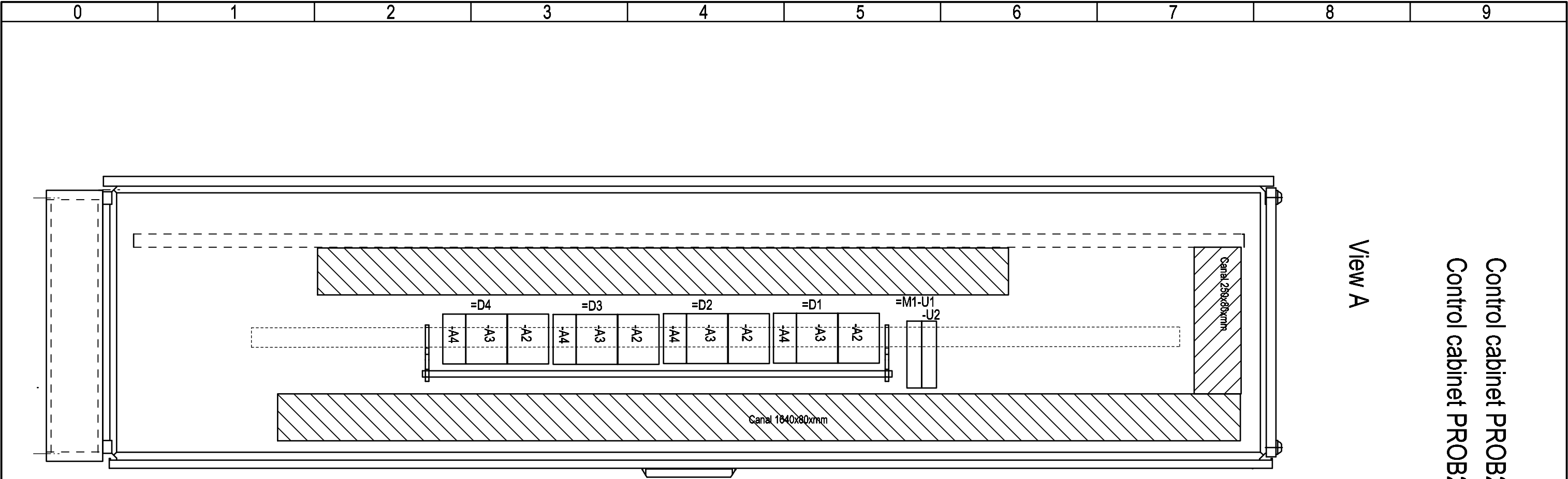
Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

View A

range 0.15





View A

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

PANEL VX25 2000X1200X500  
4X SCM3 PANEL / 4X ACS365 < 2,2KW  
HOST & 1XPDU

**Control cabinet PROB2a.51**

**Control cabinet PROB2a.52**

Panel 1 ITEM

Panel 2 ITEM

IF SPECIALITIES ARE REQUIRED

CE-marking:  
PN without CE: H00024300 (Standard for stand-alone cabinets)  
PN with CE: H00020077 (Symbol: !PLAQUE\_HASL\_GP)

+51

PROB2a.51E

=E1-QS1

a)

=E1-EV1

-A25

b)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)

HASLER GROUP www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V
	32A
	50Hz / 3P+PE
YEAR OF MANUFACTURE	2025

WITHOUT UPS

a)

Manufacturer: HASLER Group ZI L'Abbaye F-38780 PONT EVEQUE (+33 4 74 16 11 50)

HASLER GROUP www.hasler-gp.com

INSTALLATION	PROB2a.51
ITEM	Panel 1 ITEM
WEIGHT	210 kg
POWER SUPPLY	400V- 50Hz      230V-50Hz
	32A                  4A
	3P+PE              L+N+PE
YEAR OF MANUFACTURE	2025

WITH UPS

a)

CHINEESE MANUFACTURING

1000X2000X600 TS8206.500

PROB2a.51CC

+51

PANEL VX25 2000X1200X600  
4X SCM3 PANEL / 4X ATV320 < 2,2KW  
HOST & 1XPDU

CHINEESE MARKET  
INVERTER DEPTH> 350

HASLER GROUP

HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)

3 Arrangement diagram  
3.2 Layout Cabinet

ITEM :  
Panel 1 ITEM  
Panel 2 ITEM

Inst.

Loc.

Project no.: Type Incr. No language Rev.:

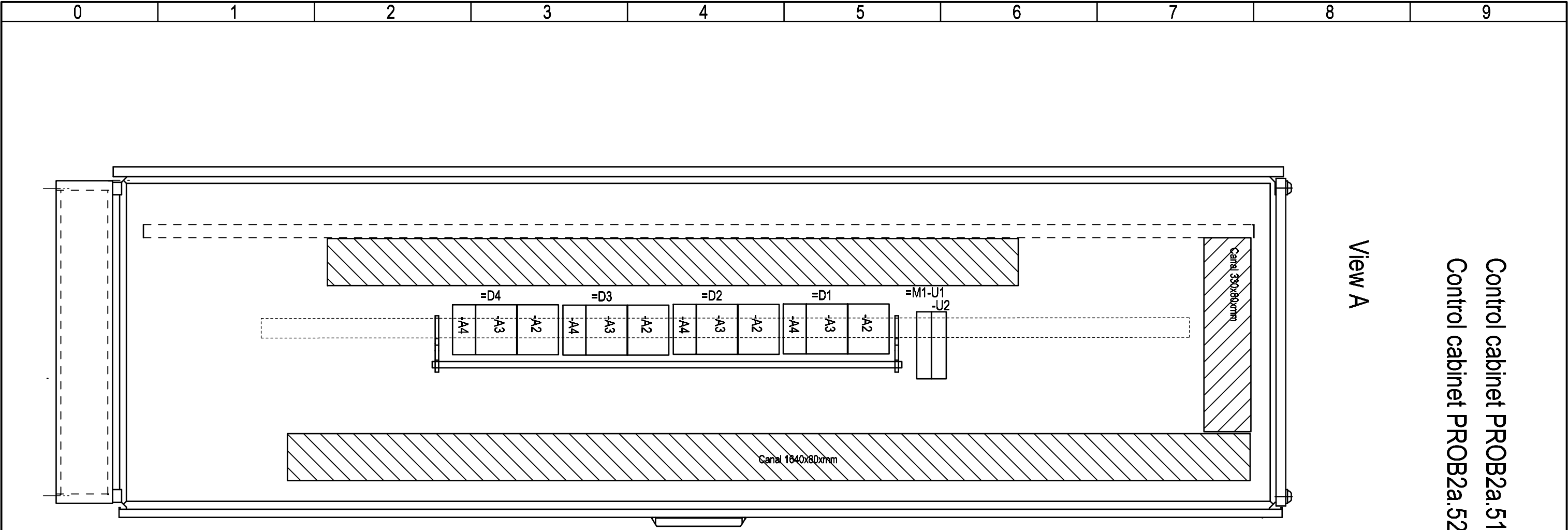
PROB2a .050 .001 - E . a

range 0.1

page:

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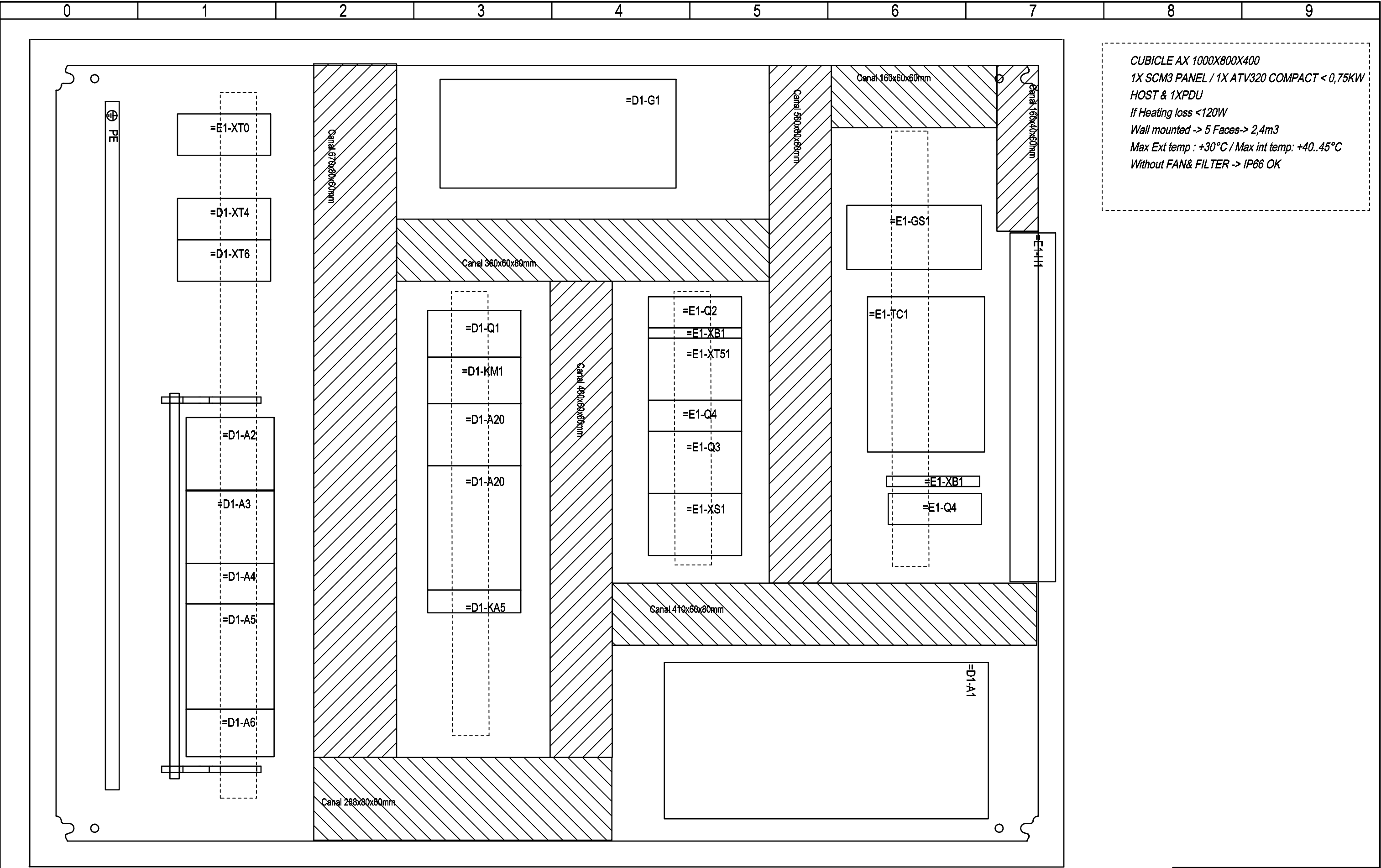
View A

Control cabinet PROB2a.51  
Control cabinet PROB2a.52

Panel 1 ITEM  
Panel 2 ITEM

PANEL VX25 2000X1200X600  
4X SCM3 PANEL / 4X ACS365 < 2.2KW  
HOST & 1XPDU





CUBICLE AX 1000X800X400  
1X SCM3 PANEL / 1X ATV320 COMPACT < 0,75KW  
HOST & 1XPDU  
If Heating loss <120W  
Wall mounted -> 5 Faces-> 2,4m3  
Max Ext temp : +30°C / Max int temp: +40..45°C  
Without FAN& FILTER -> IP66 OK



Control cabinet PROB2a.51

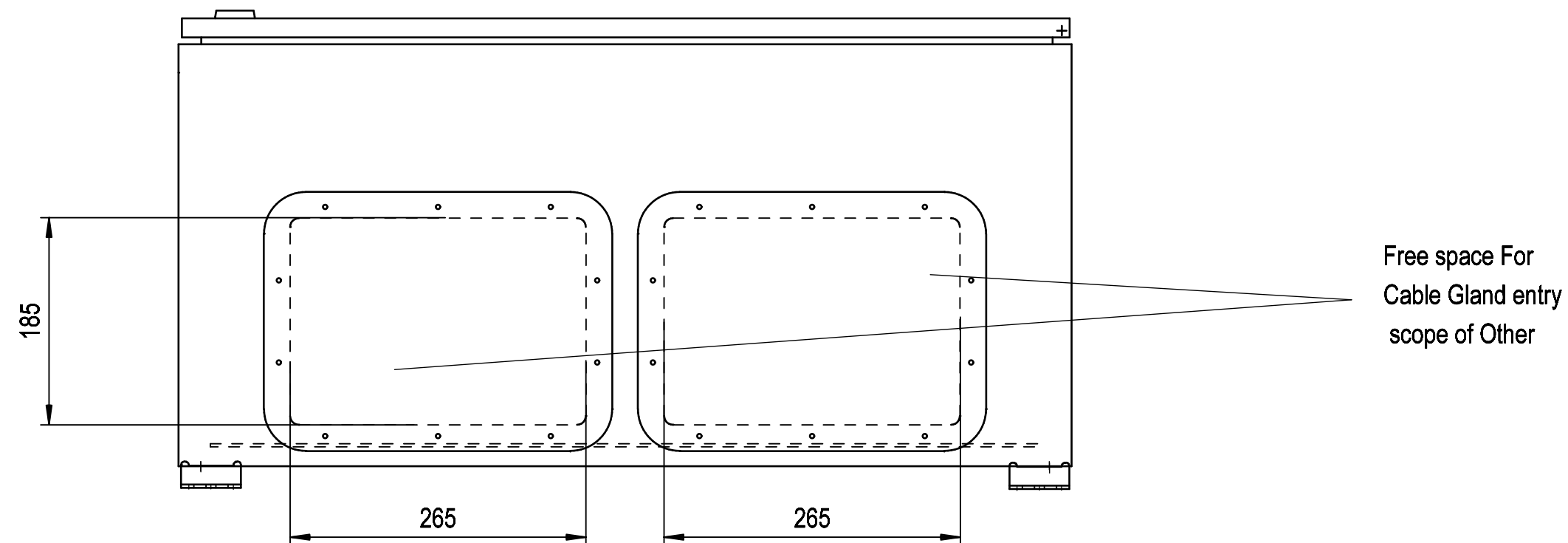
Control cabinet PROB2a.52

Panel 1 ITEM

Panel 2 ITEM

*CUBICLE AX 1000X800X400  
1X SCM3 PANEL / 1X ATV320 COMPACT < 0,75KW  
HOST & 1XPDU  
If Heating loss <120W  
Wall mounted -> 5 Faces-> 2,4m3  
Max Ext temp : +30°C / Max int temp: +40..45°C  
Without FAN& FILTER -> IP66 OK*

### Bottom view

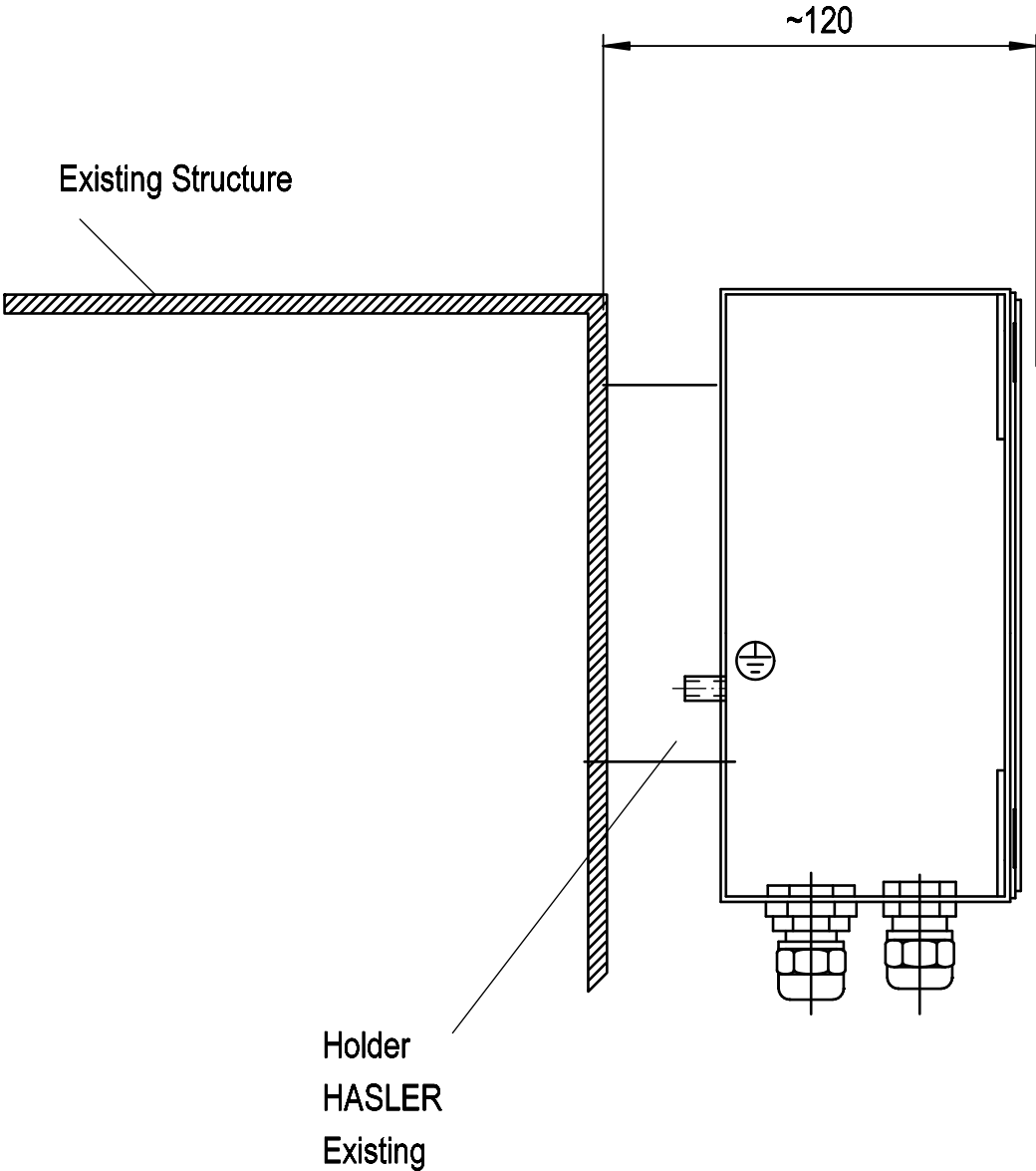
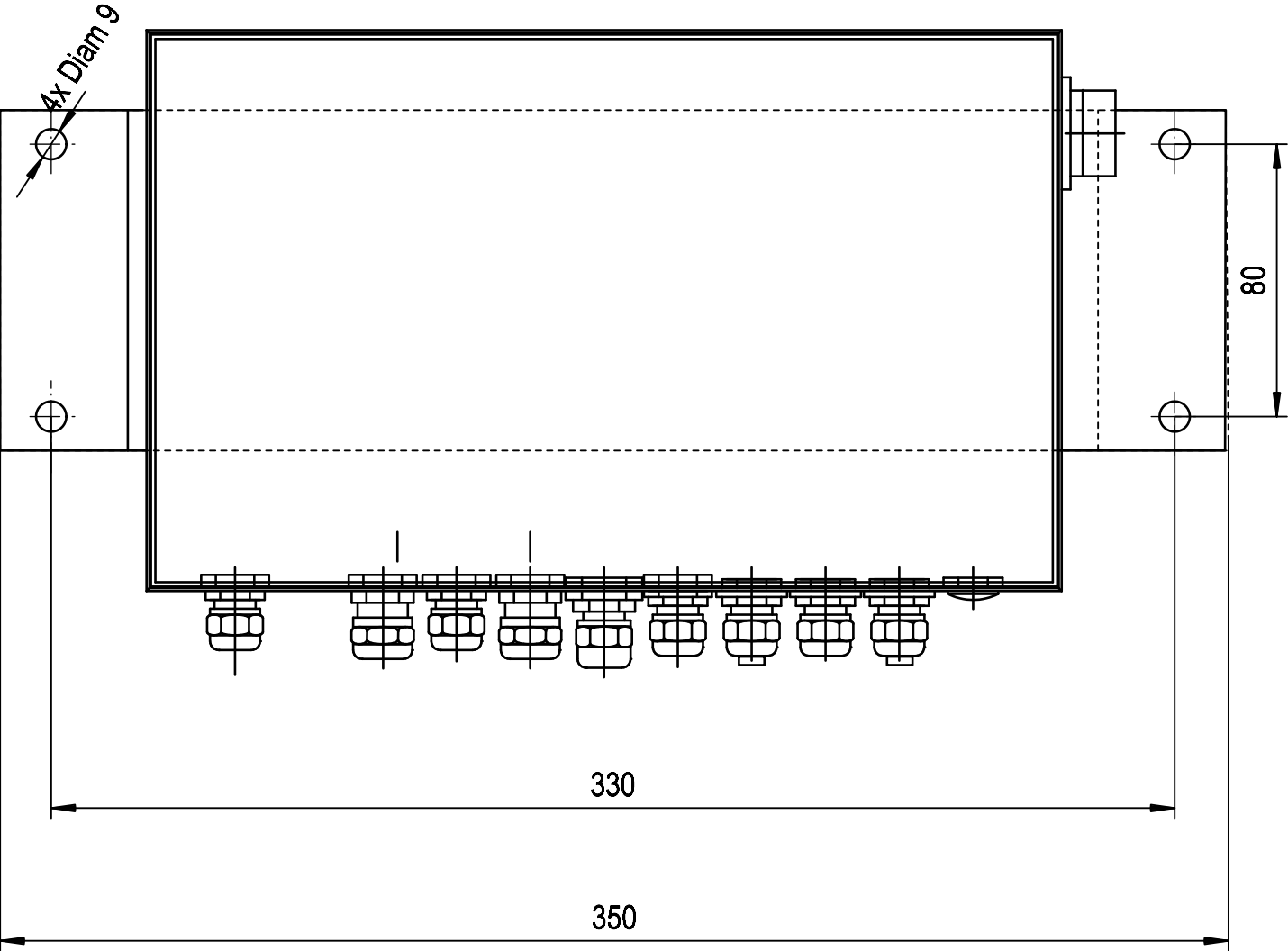




Device :A4x  
weight : 3.1 Kg  
Degree of protection : IP65  
Painting: ral 7035 (grey)  
Housing material: Steel  
Heating loss : ....

WBFB ONLY IF REVAMPING  
2733.2300

Operating conditions  
Temperature : -20°C.....+40°C  
Altitude : 3000m Max

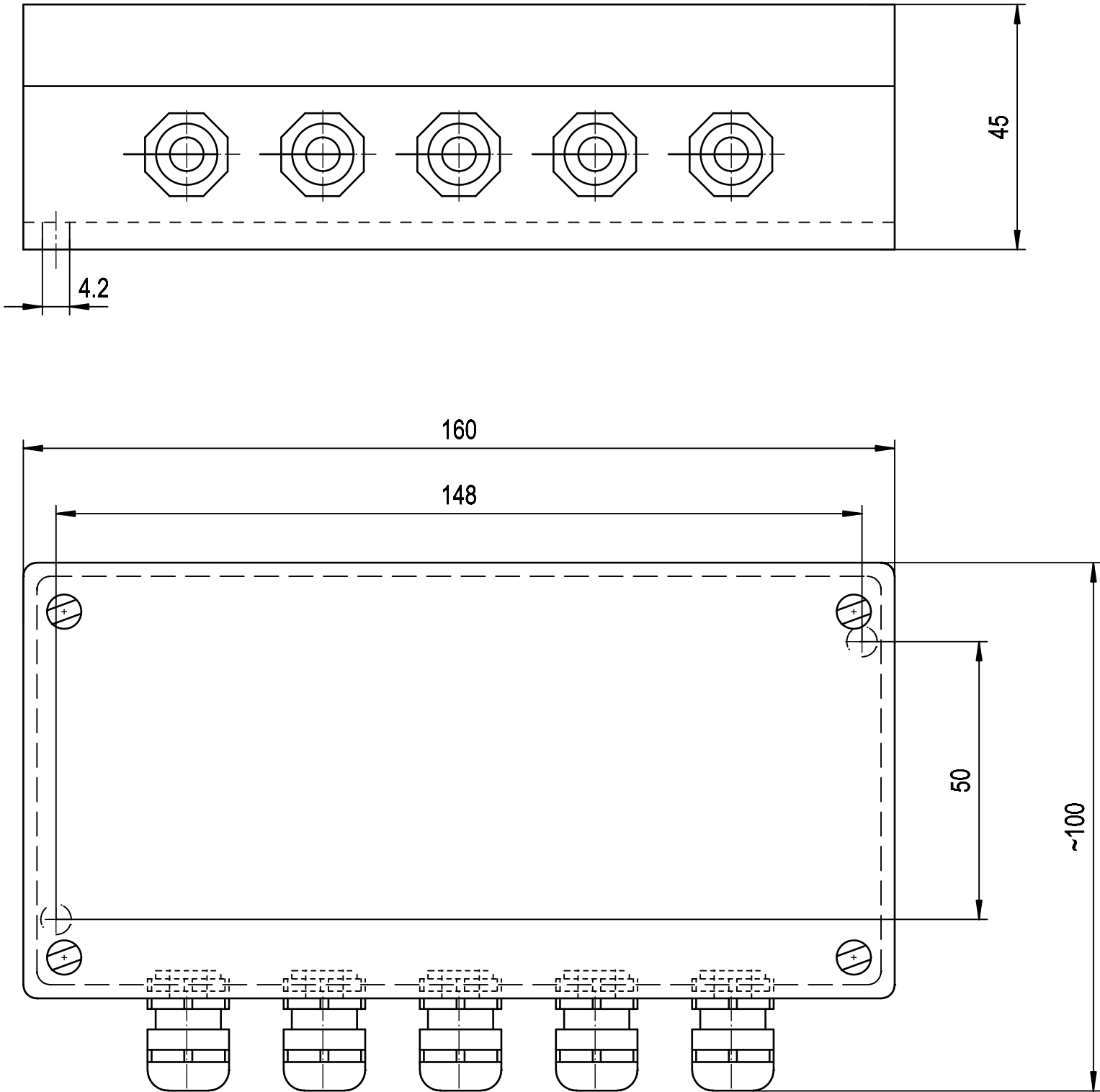


Device :A4x  
weight : 2.0 Kg  
Degree of protection : IP66  
Painting: ral 7035 (grey)  
Housing material: Plastic  
Heating loss : .....

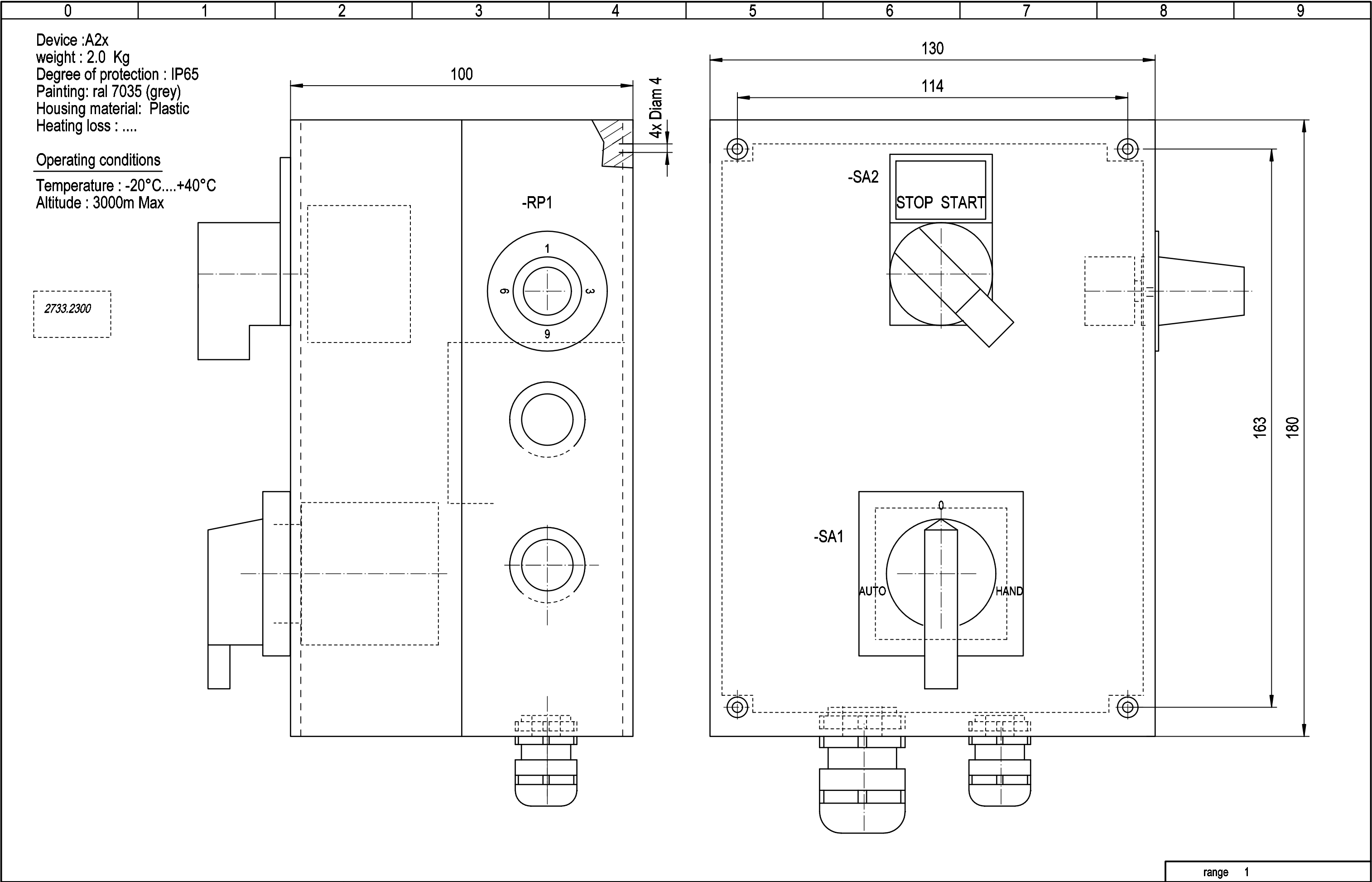
3450.2188

Operating conditions

Temperature : -20°C....+40°C  
Altitude : 3000m Max







Device :A2x  
weight : 2.0 Kg  
Degree of protection : IP65  
Painting: ral 7035 (grey)  
Housing material: Plastic  
Heating loss : ....

Operating conditions

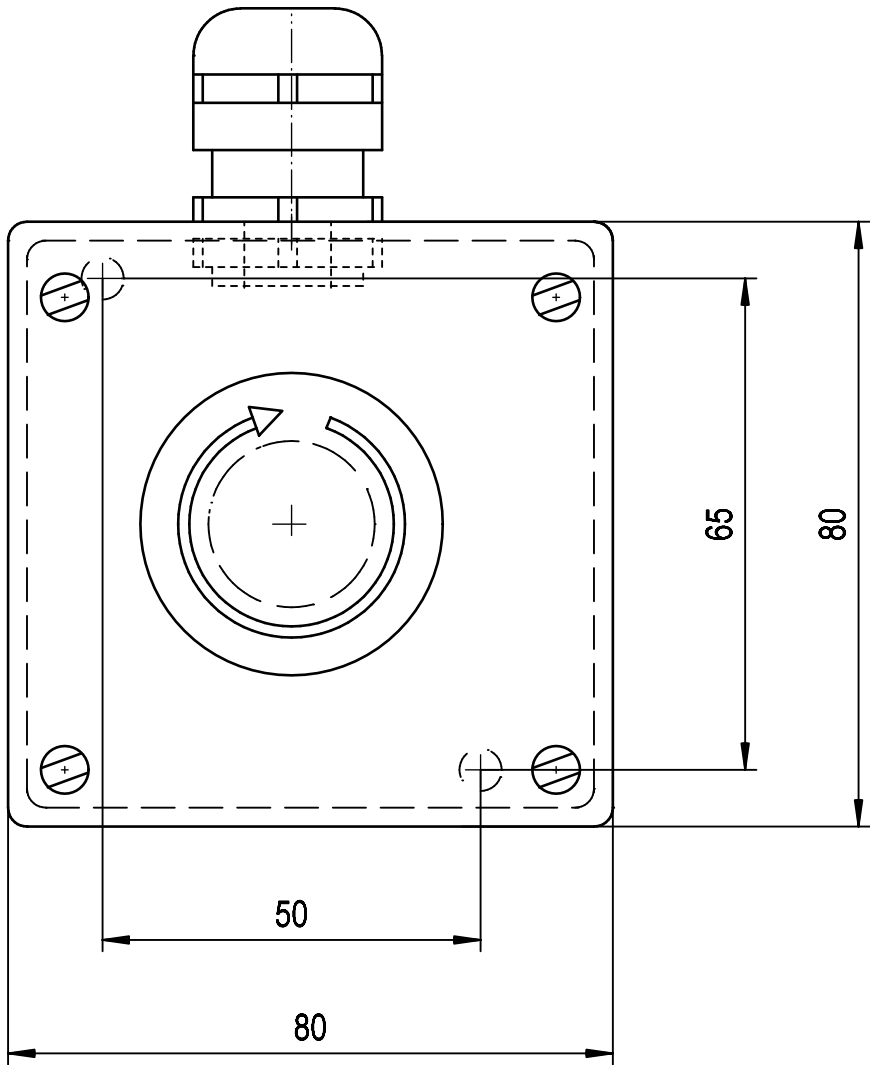
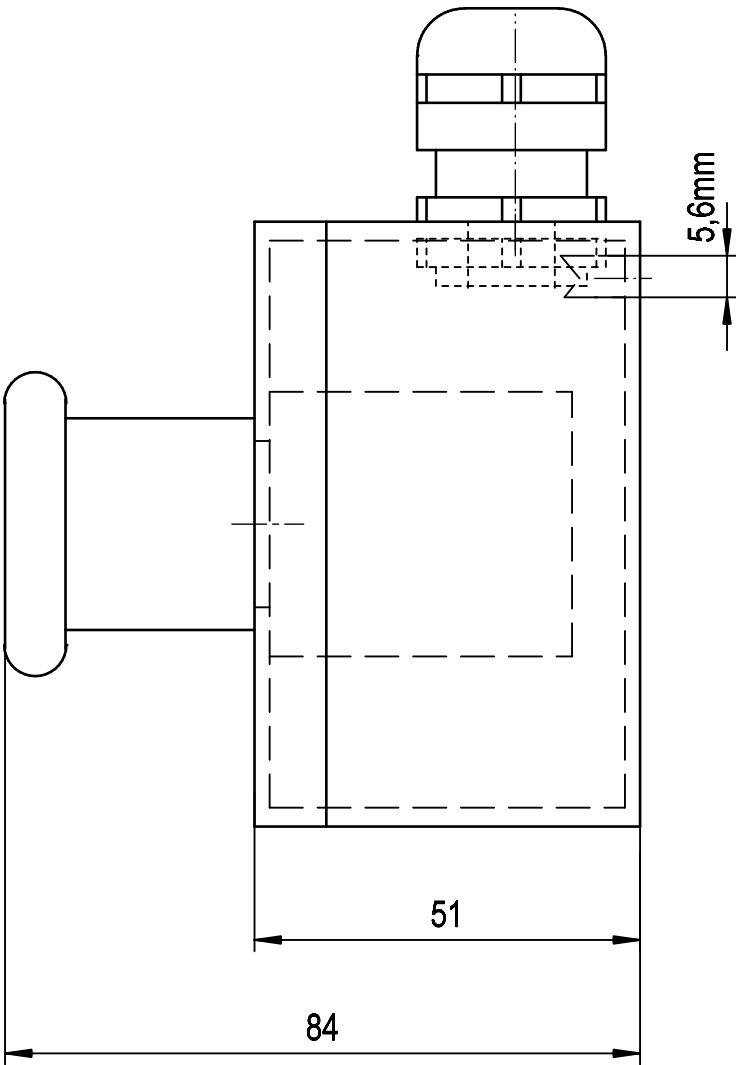
Temperature : -20°C.....+40°C  
Altitude : 3000m Max

2733.2300

Device :SBx  
weight : 1.0 Kg  
Degree of protection : IP65  
Housing material: Die cast zinc  
Painting: (yellow-red)  
Heating loss : ---

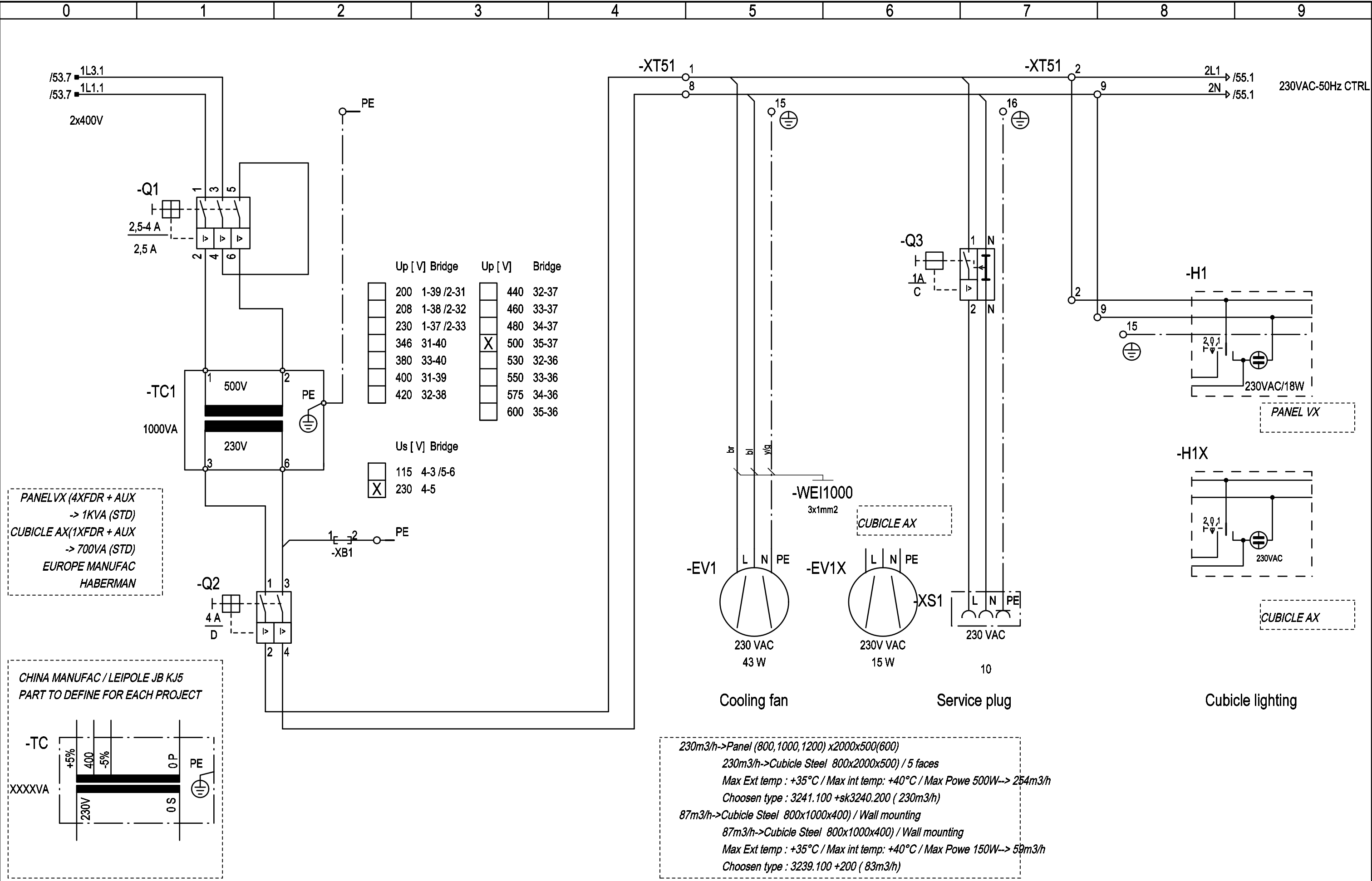
Operating conditions  
Temperature : -20°C.....+40°C  
Altitude : 3000m Max

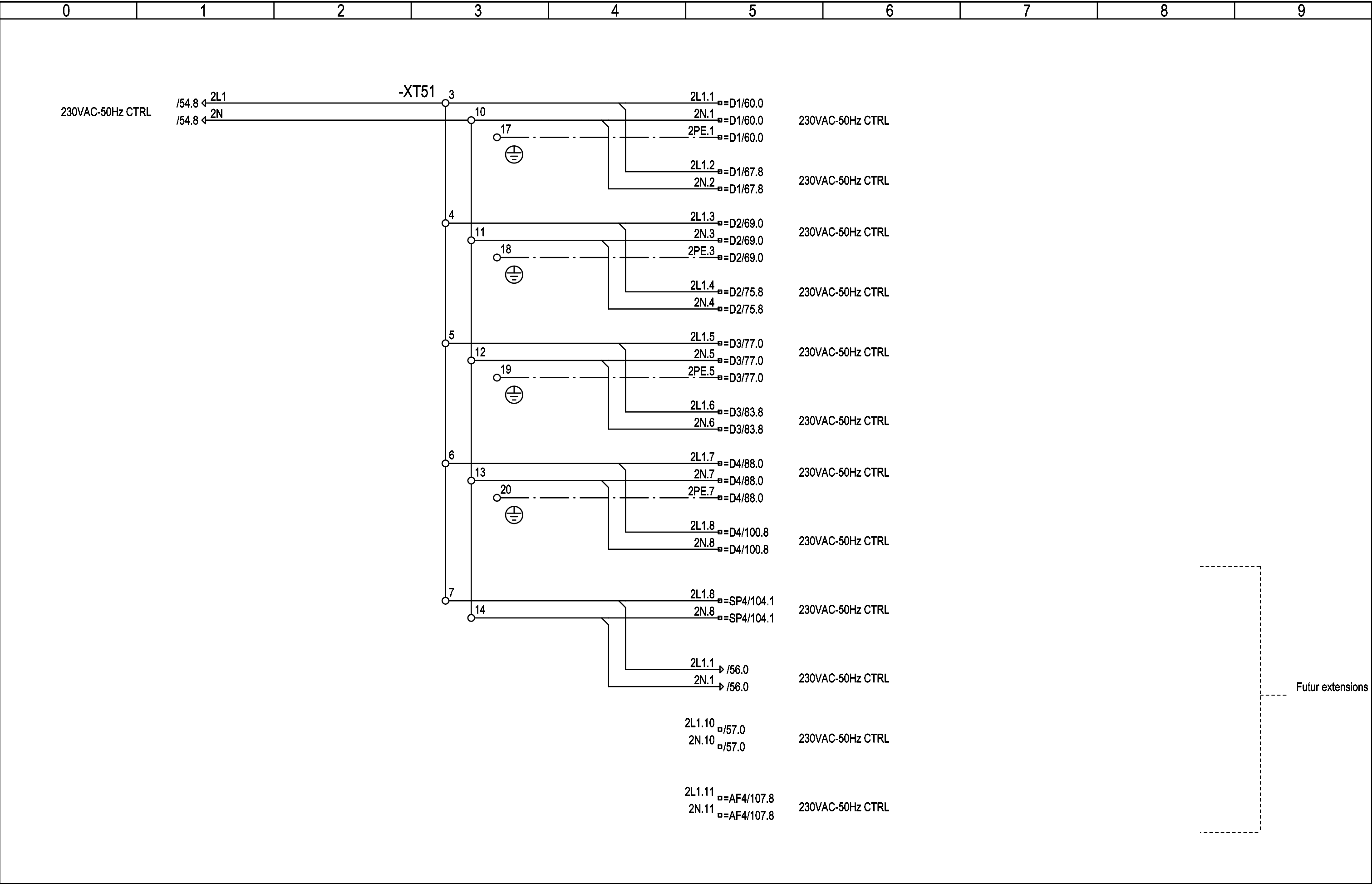
1701.1013

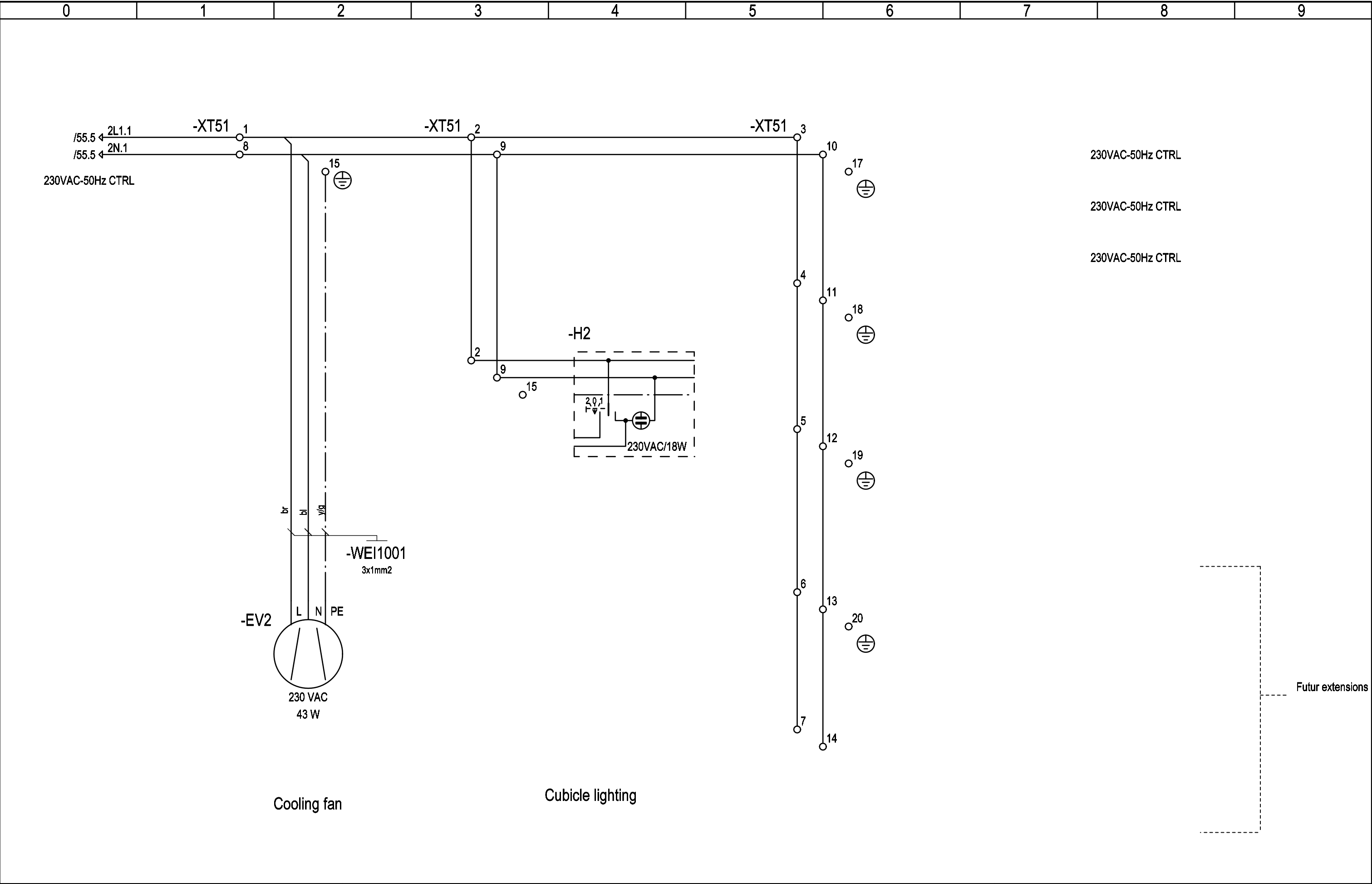


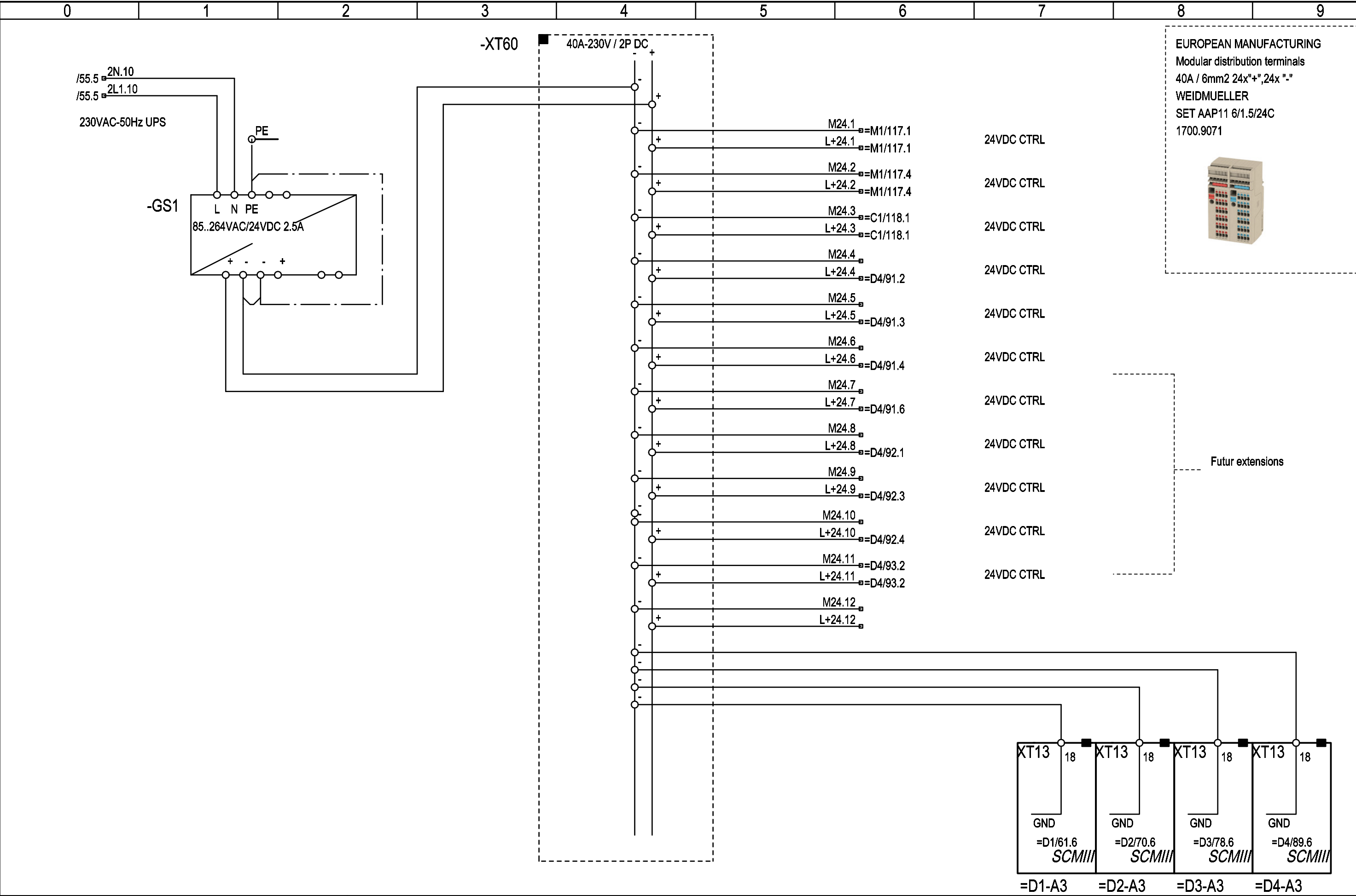




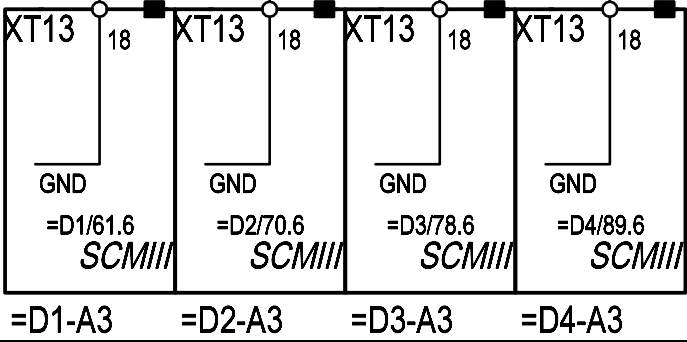



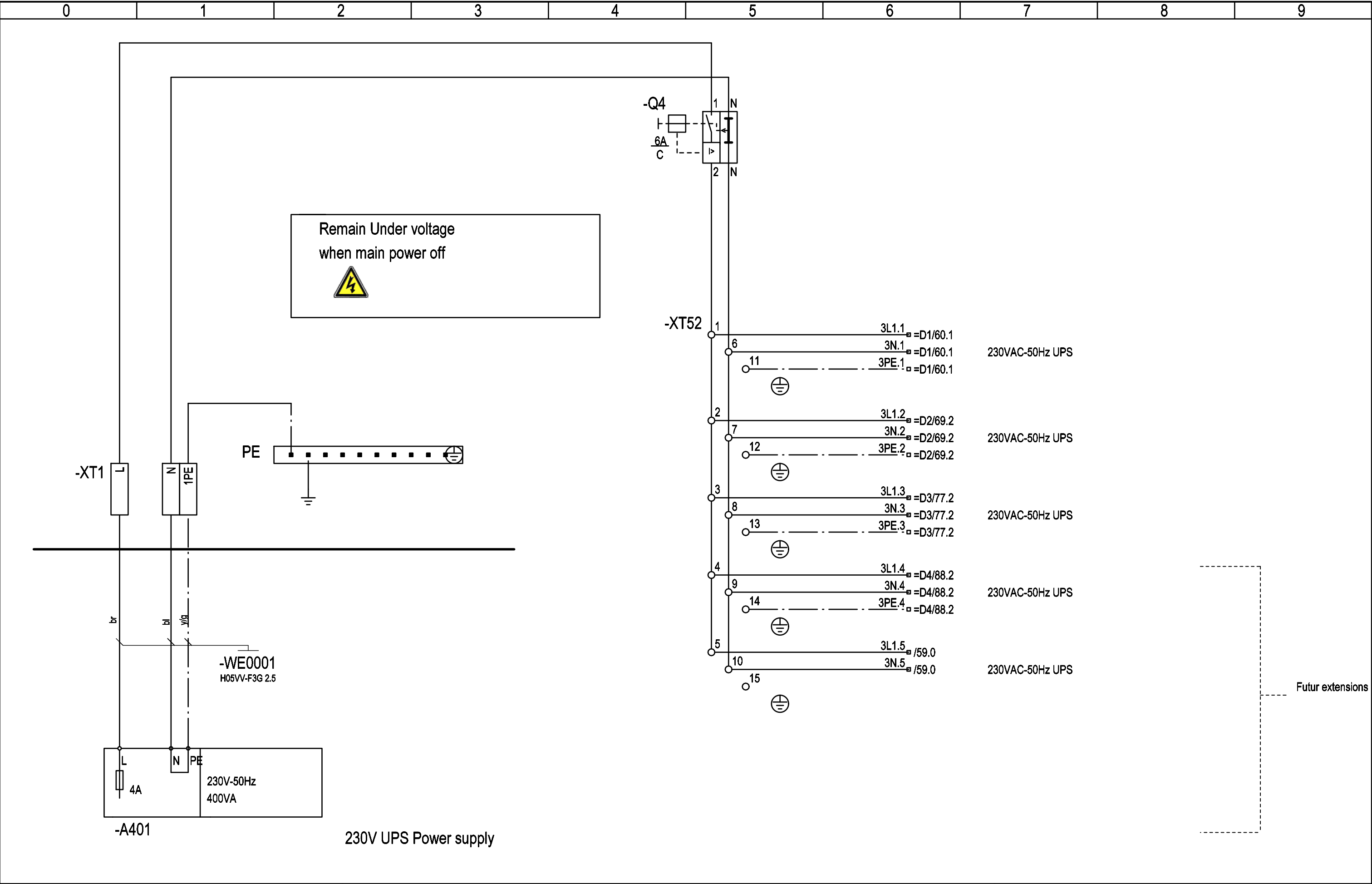


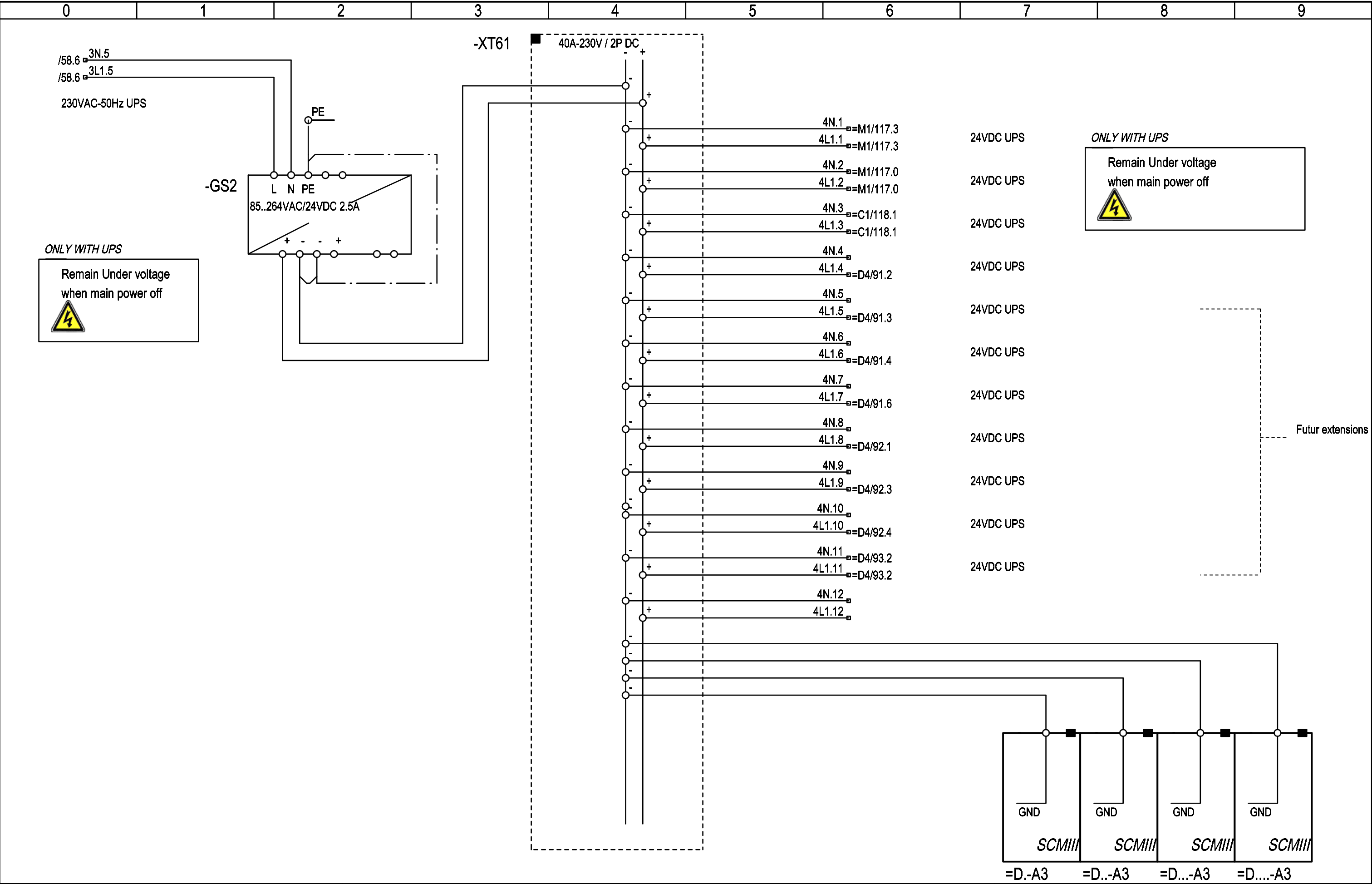


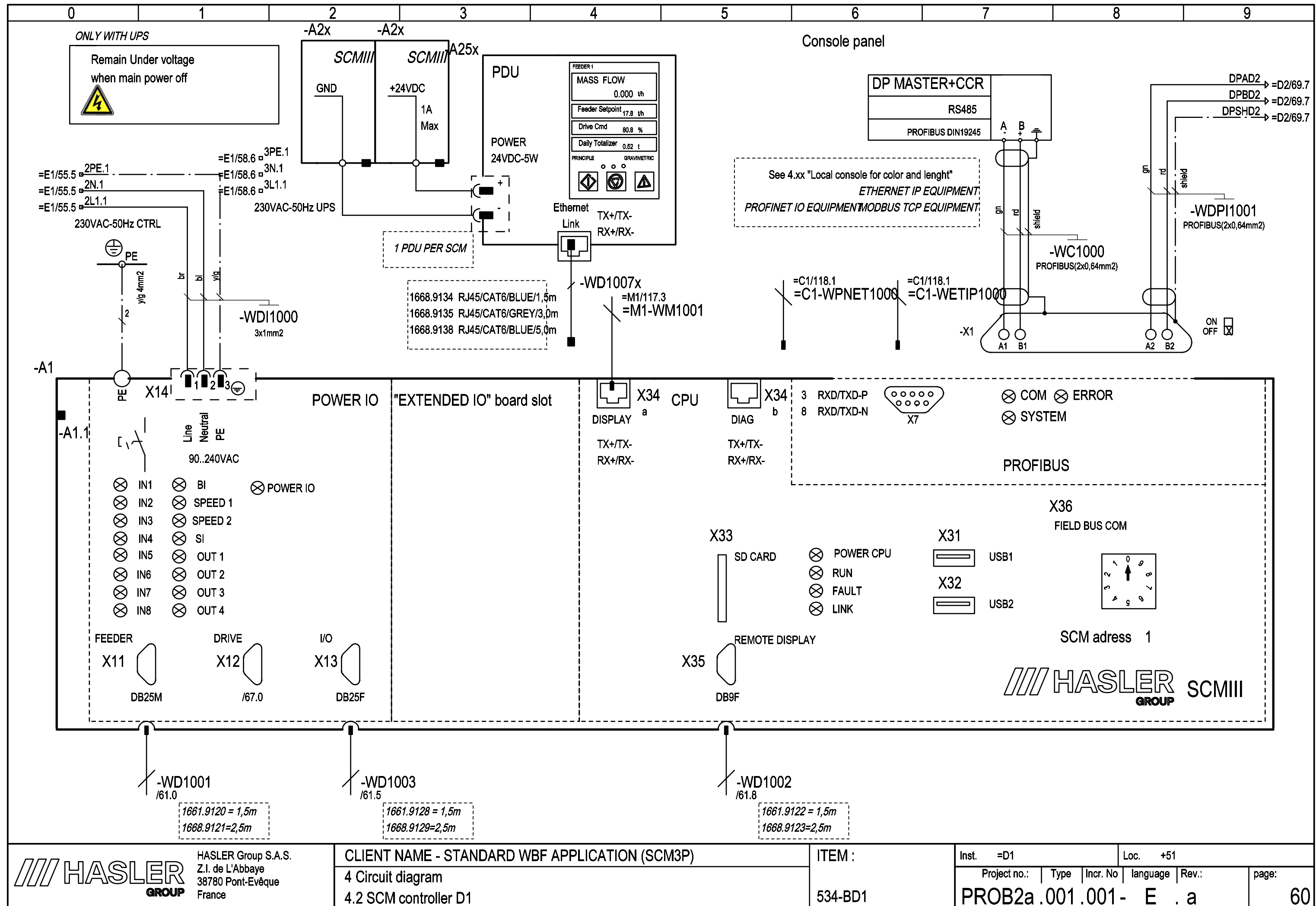


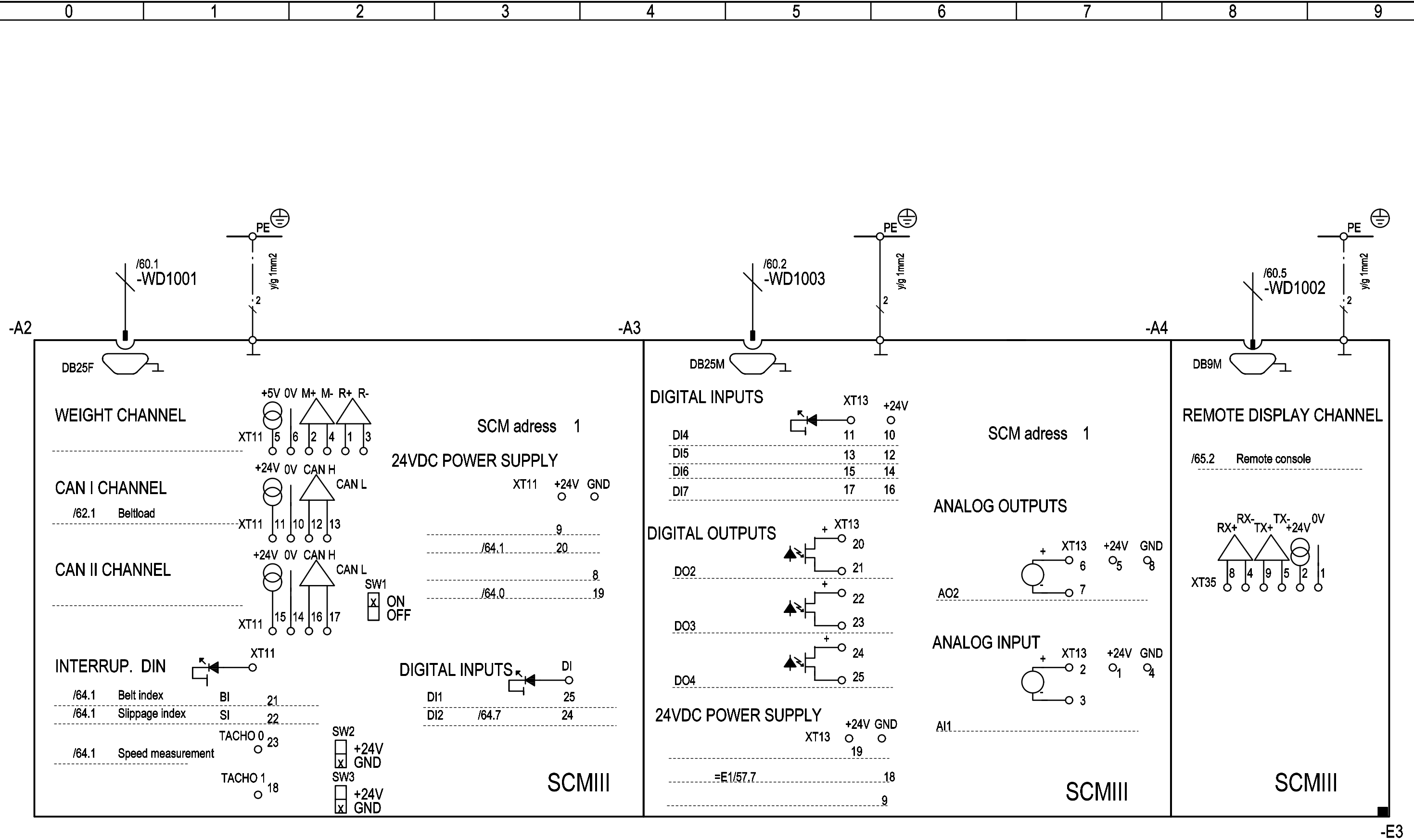
EUROPEAN MANUFACTURING  
Modular distribution terminals  
40A / 6mm2 24x"+", 24x "-"  
WEIDMUELLER  
SET AAP11 6/1.5/24C  
1700.9071



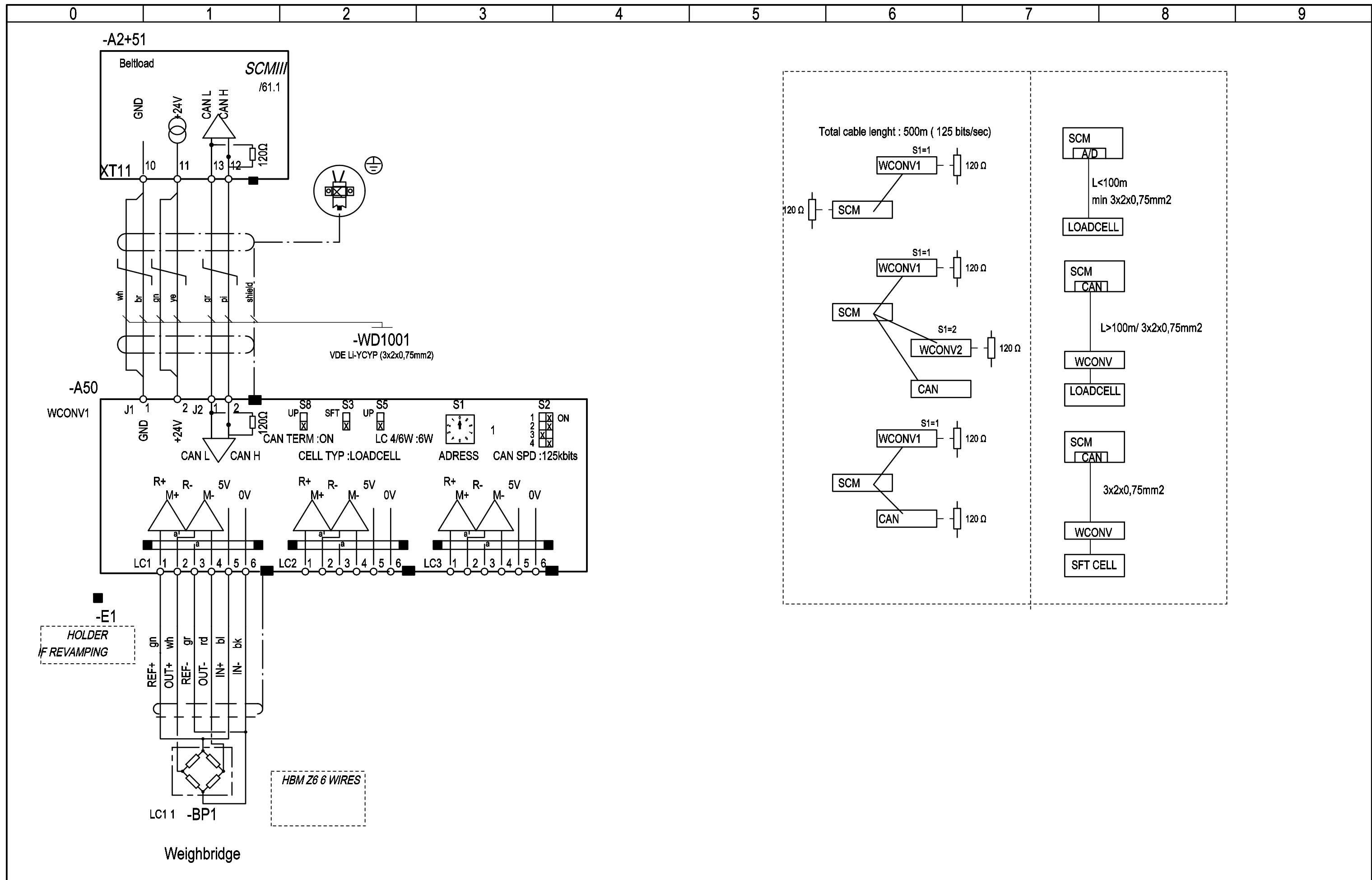


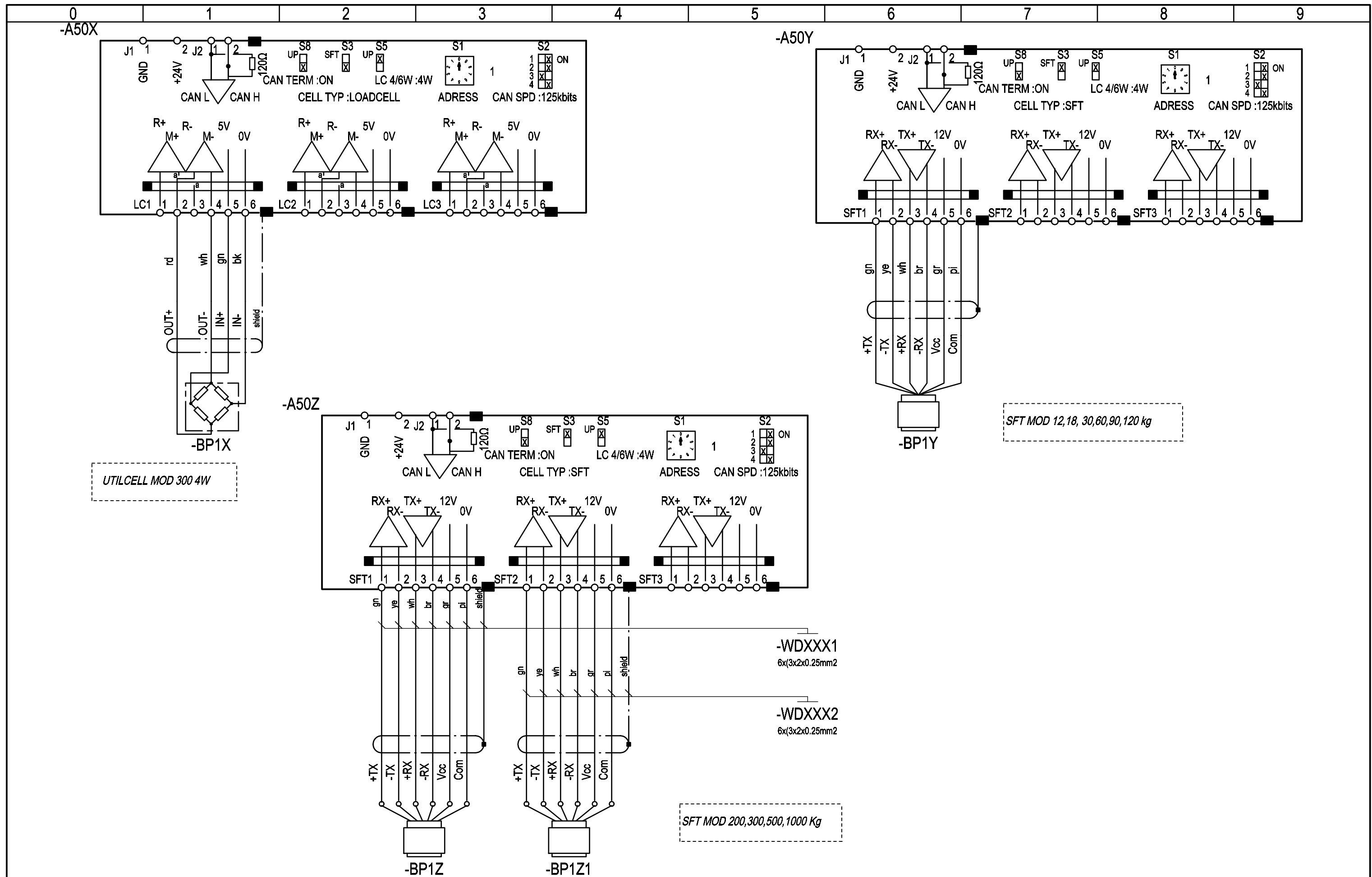


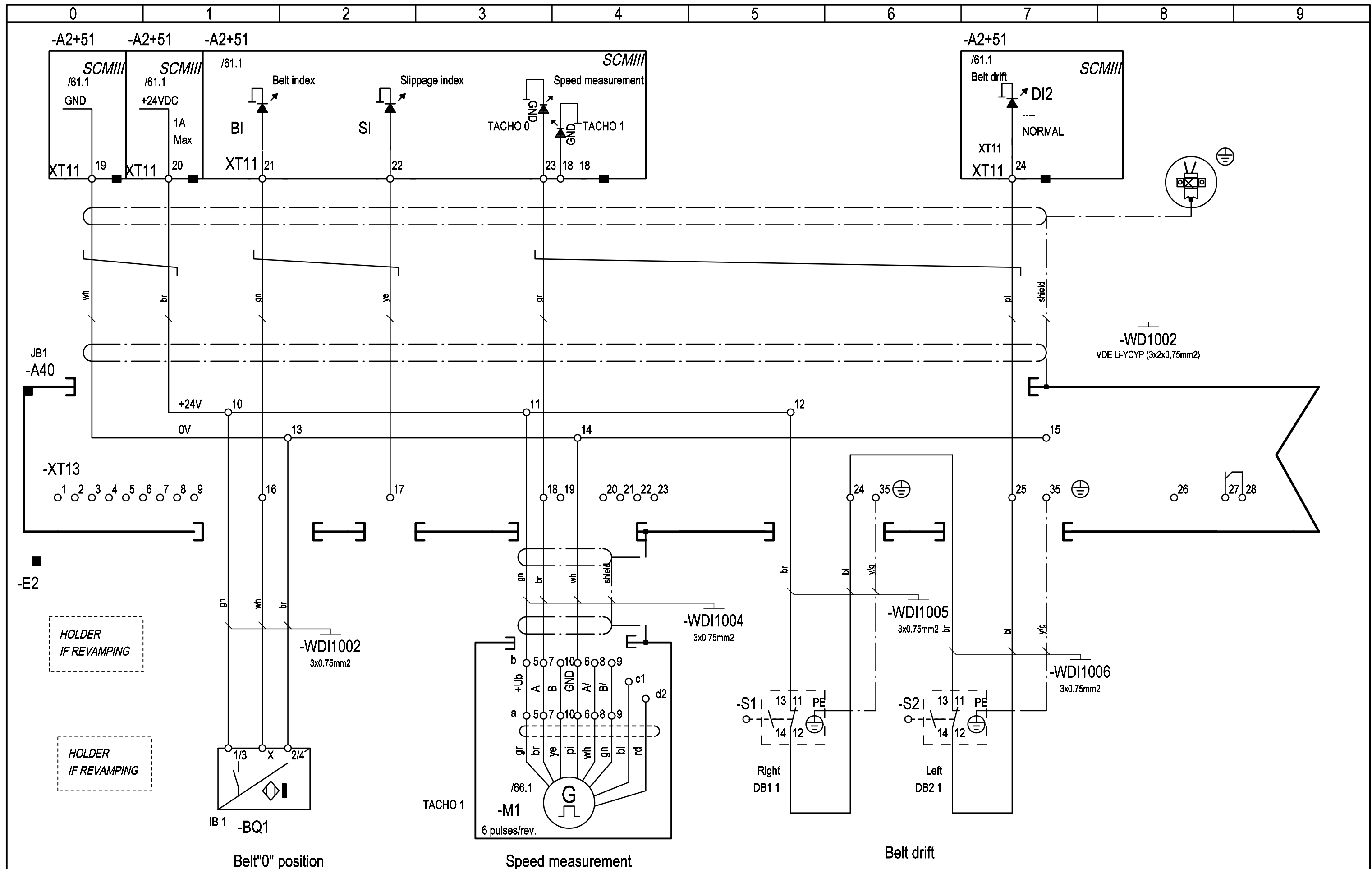


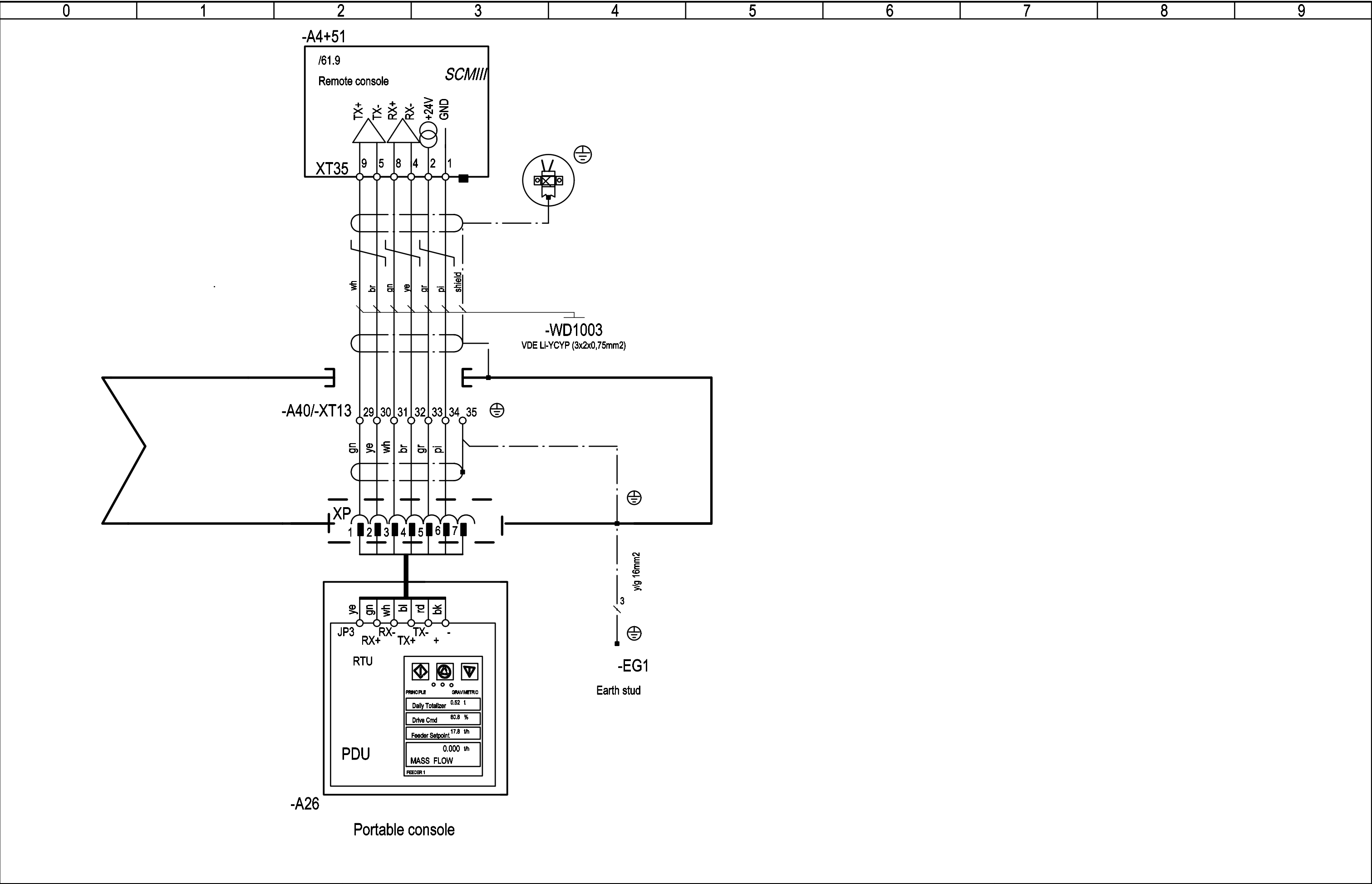




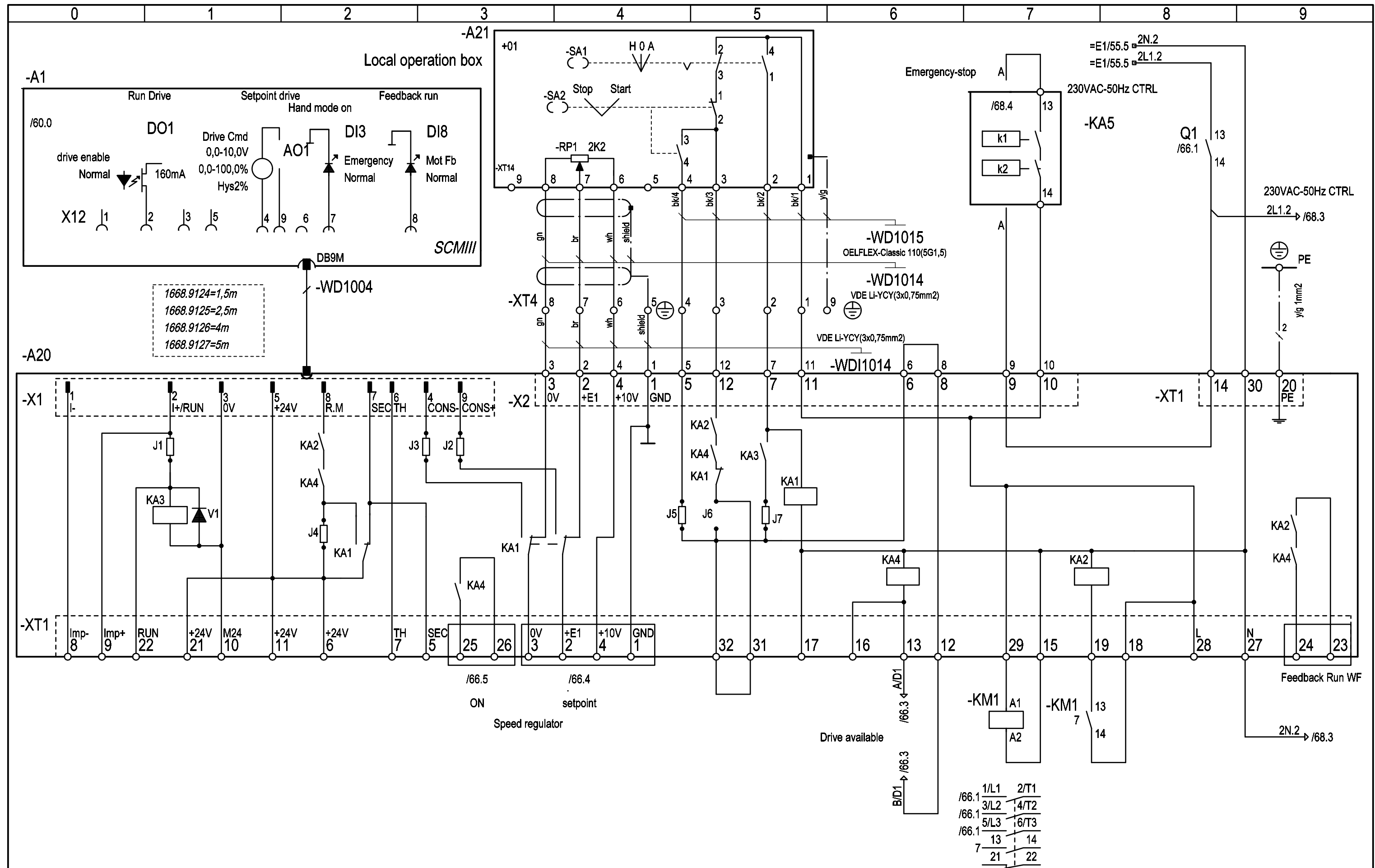


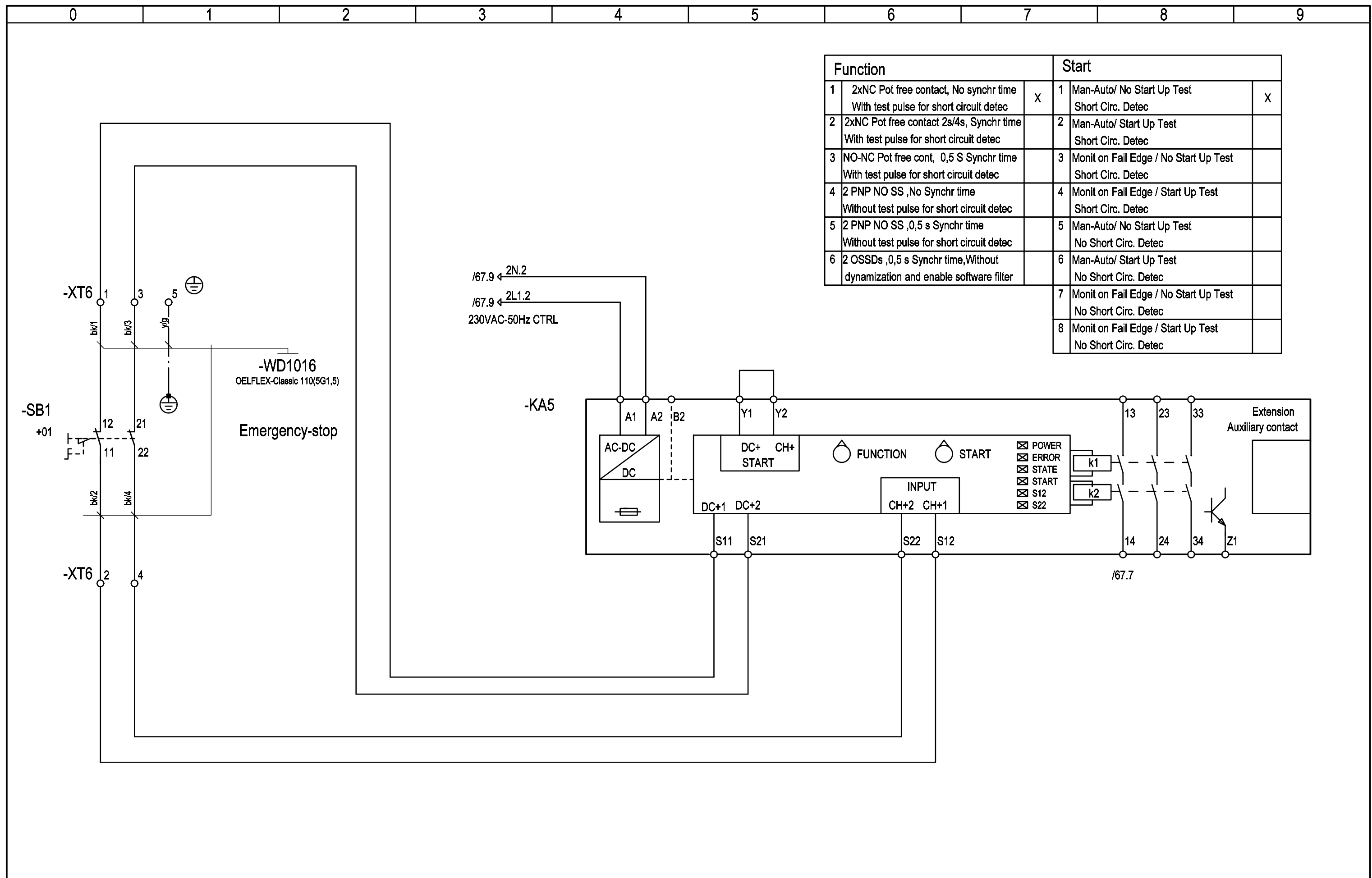


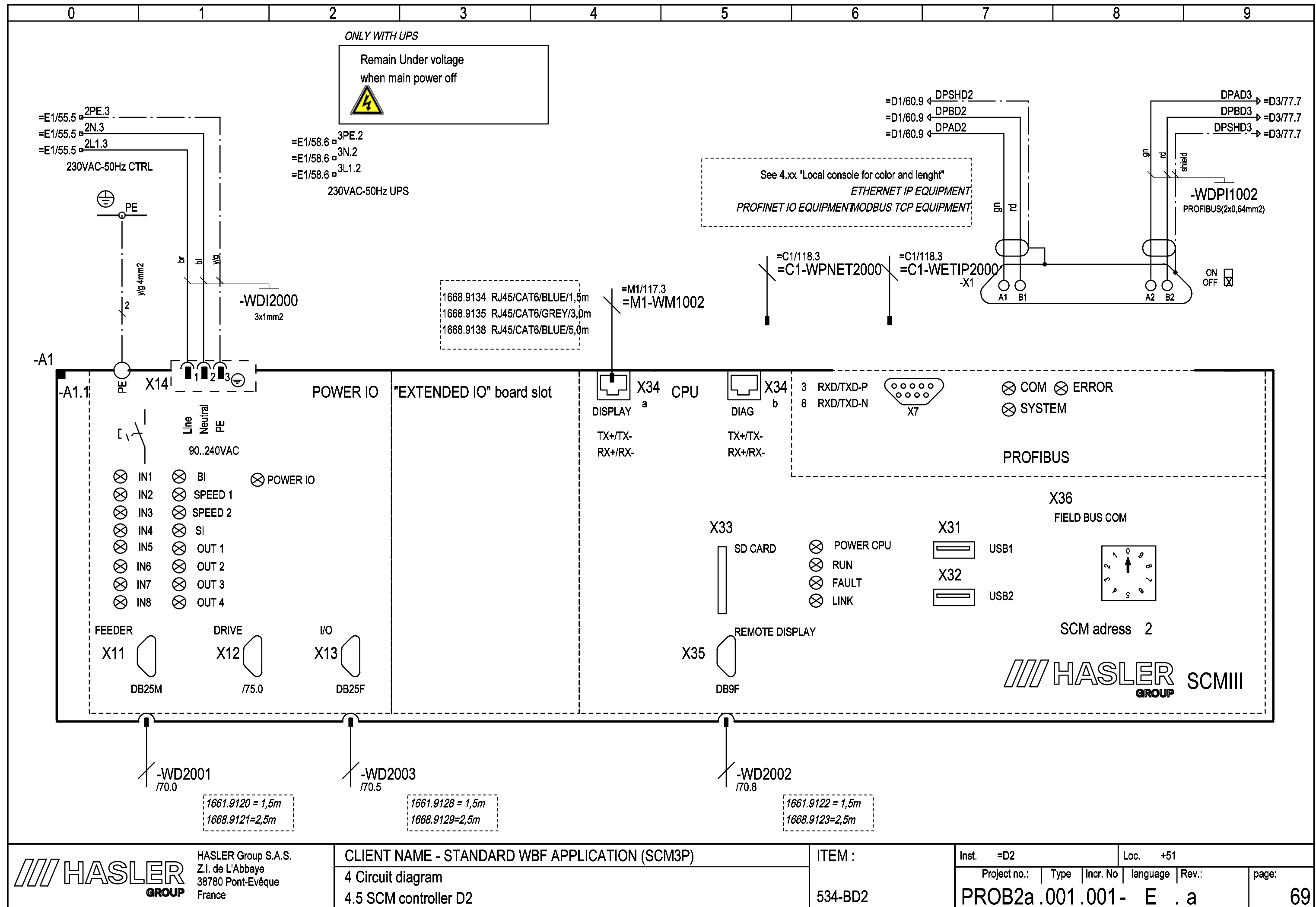












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France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)

4 Circuit diagram

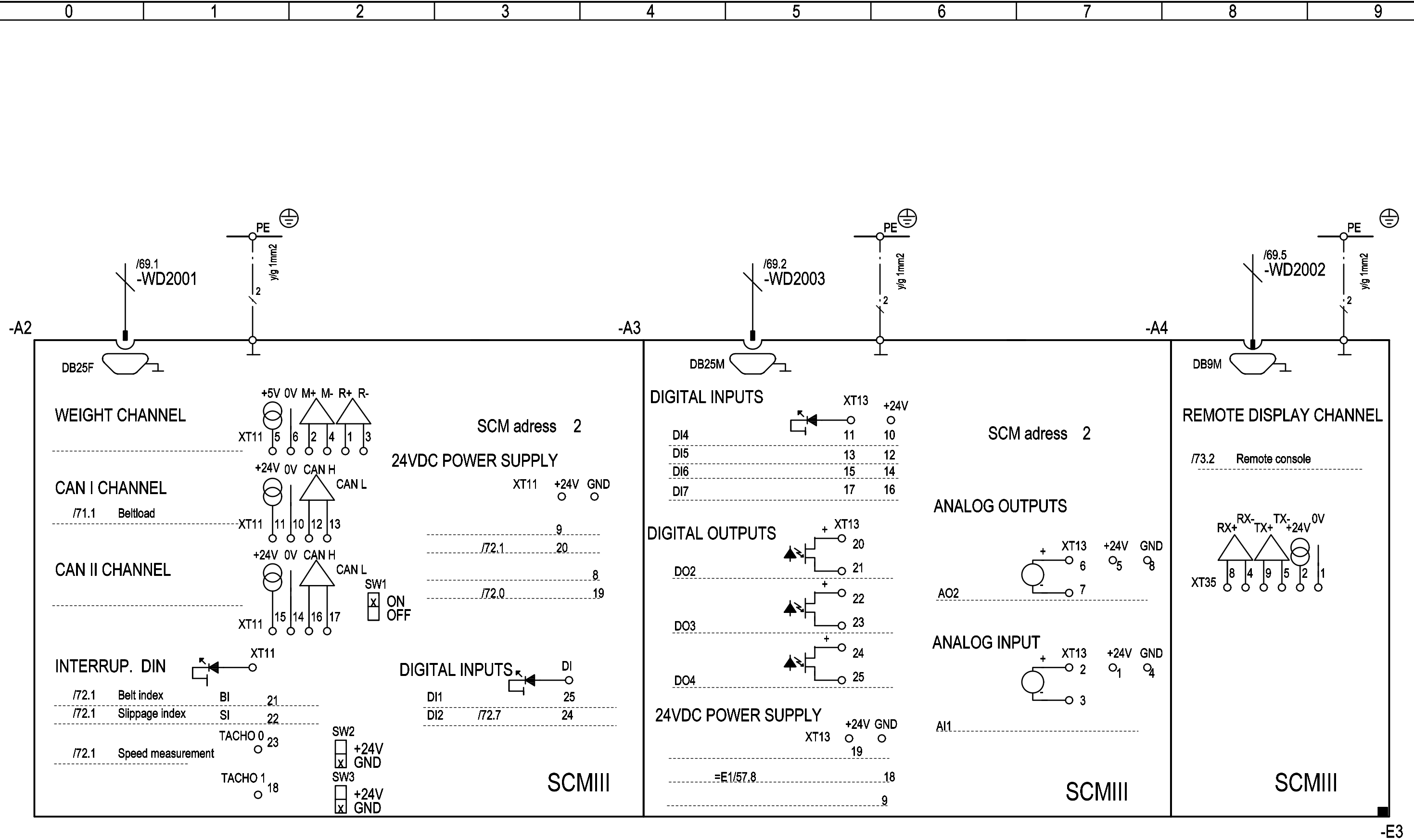
4.5 SCM controller D2

ITEM :

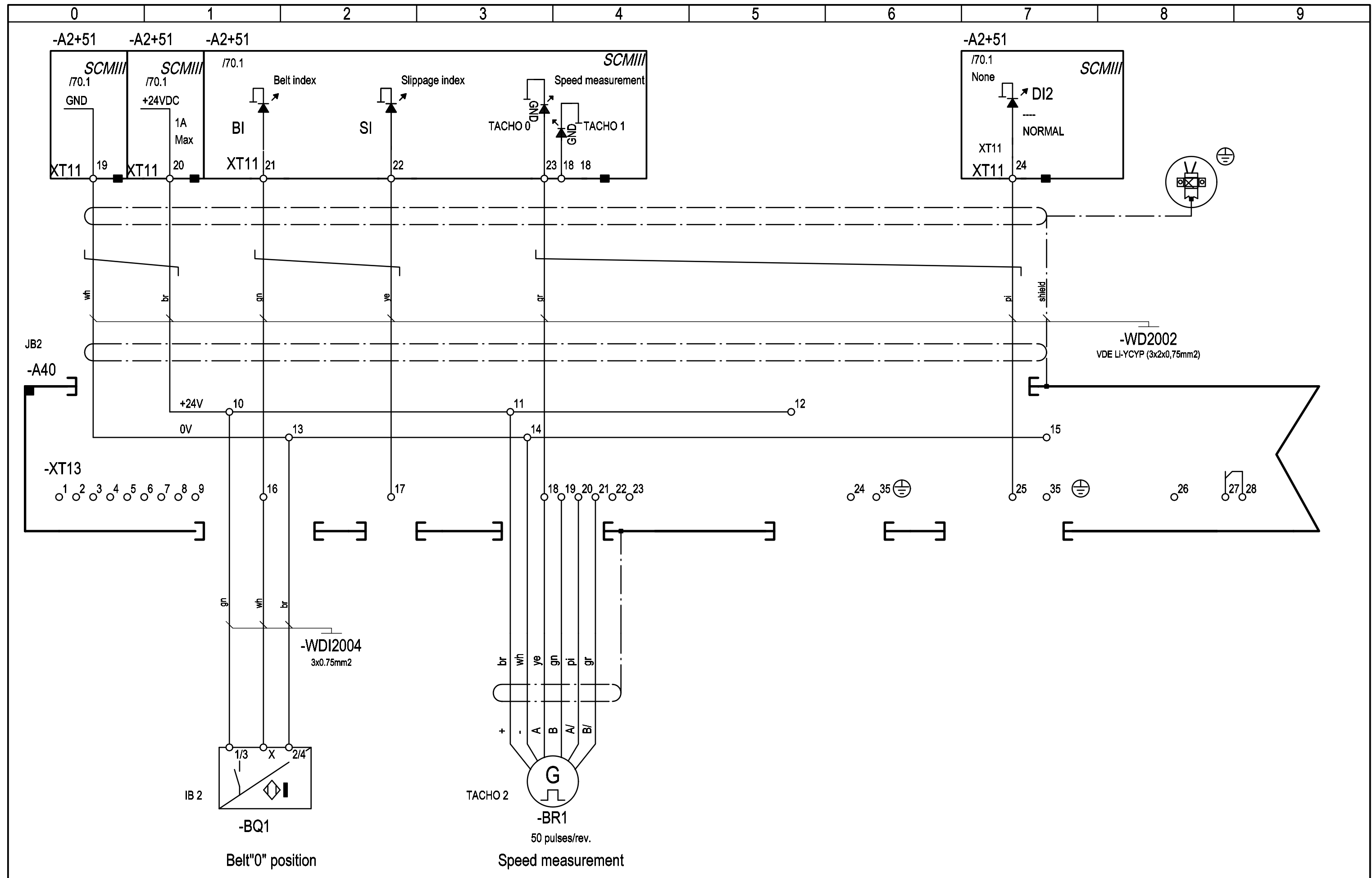
534-BD2

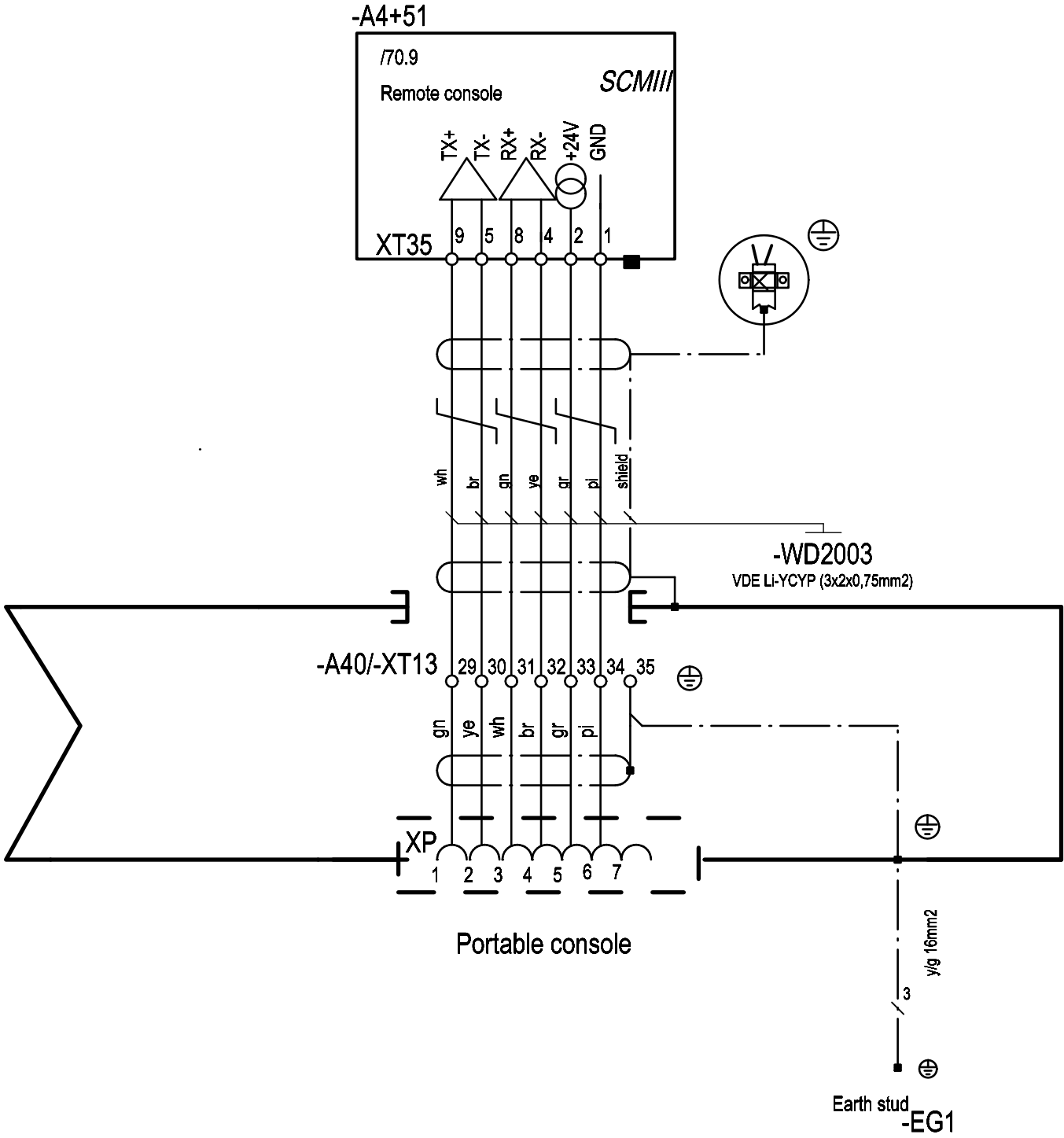
Inst. =D2	Loc. +51				
Project no.:	Type	Incr. No	language	Rev.:	page:
PROB2a.001.001 - E . a					69

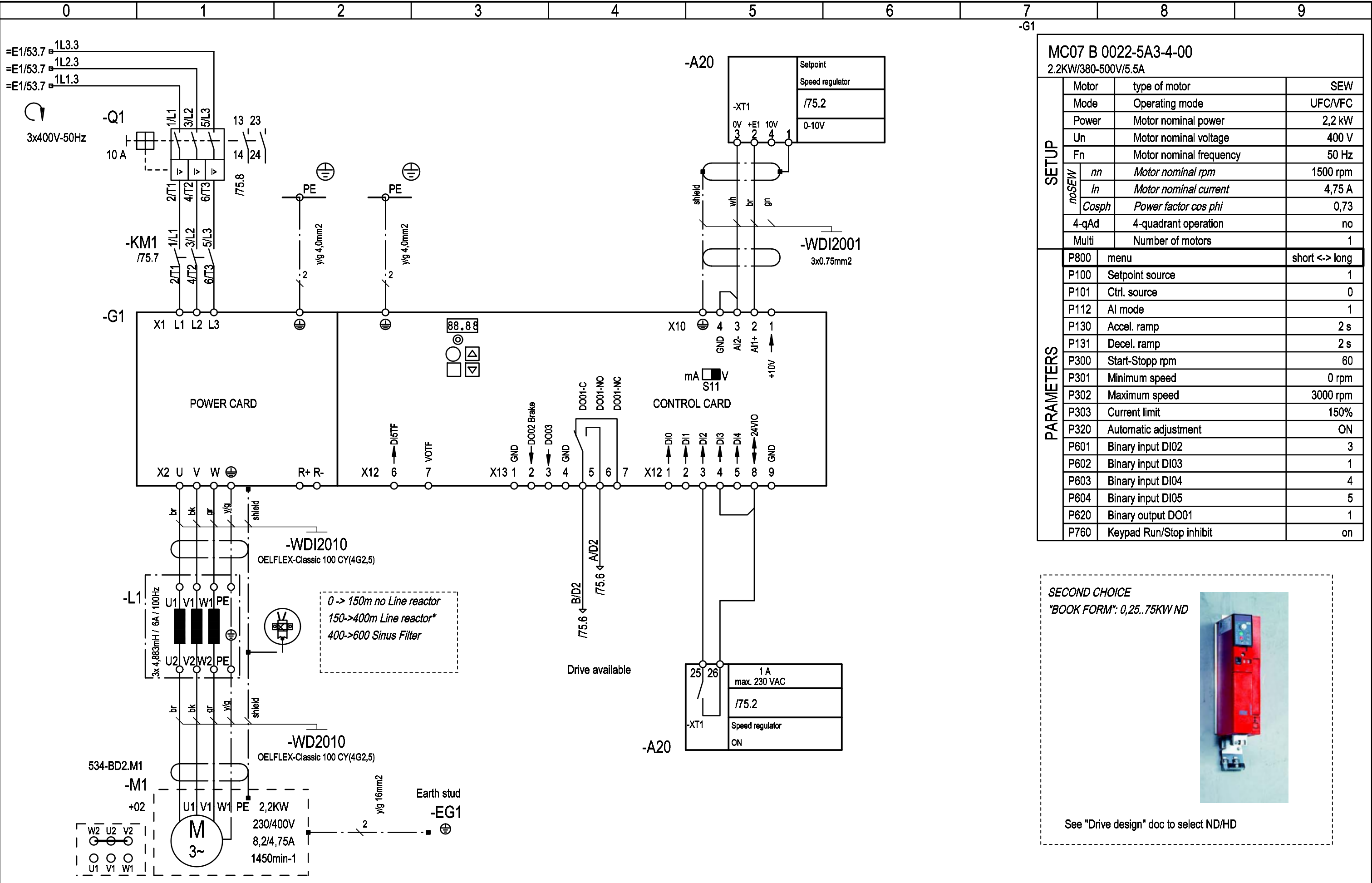




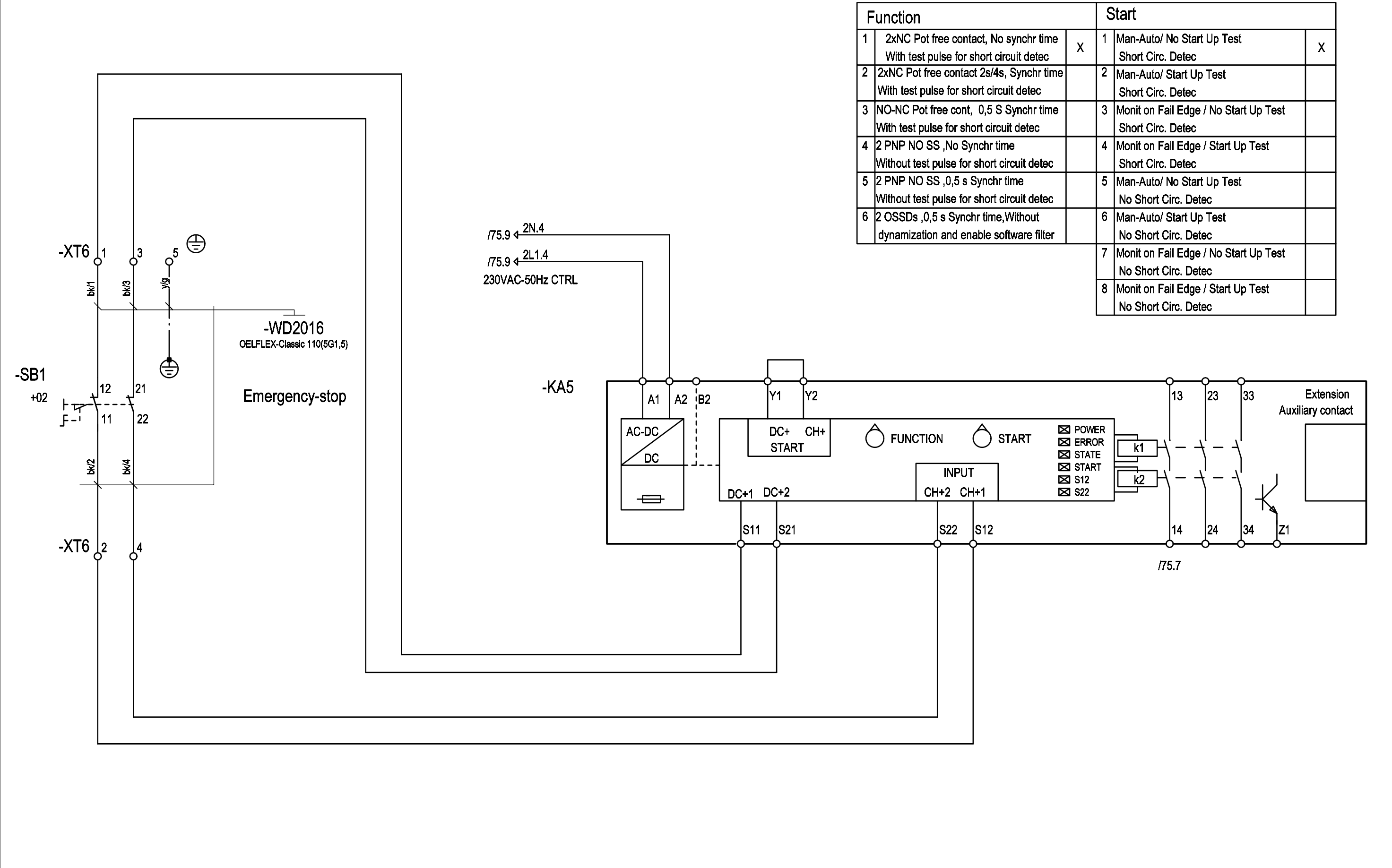


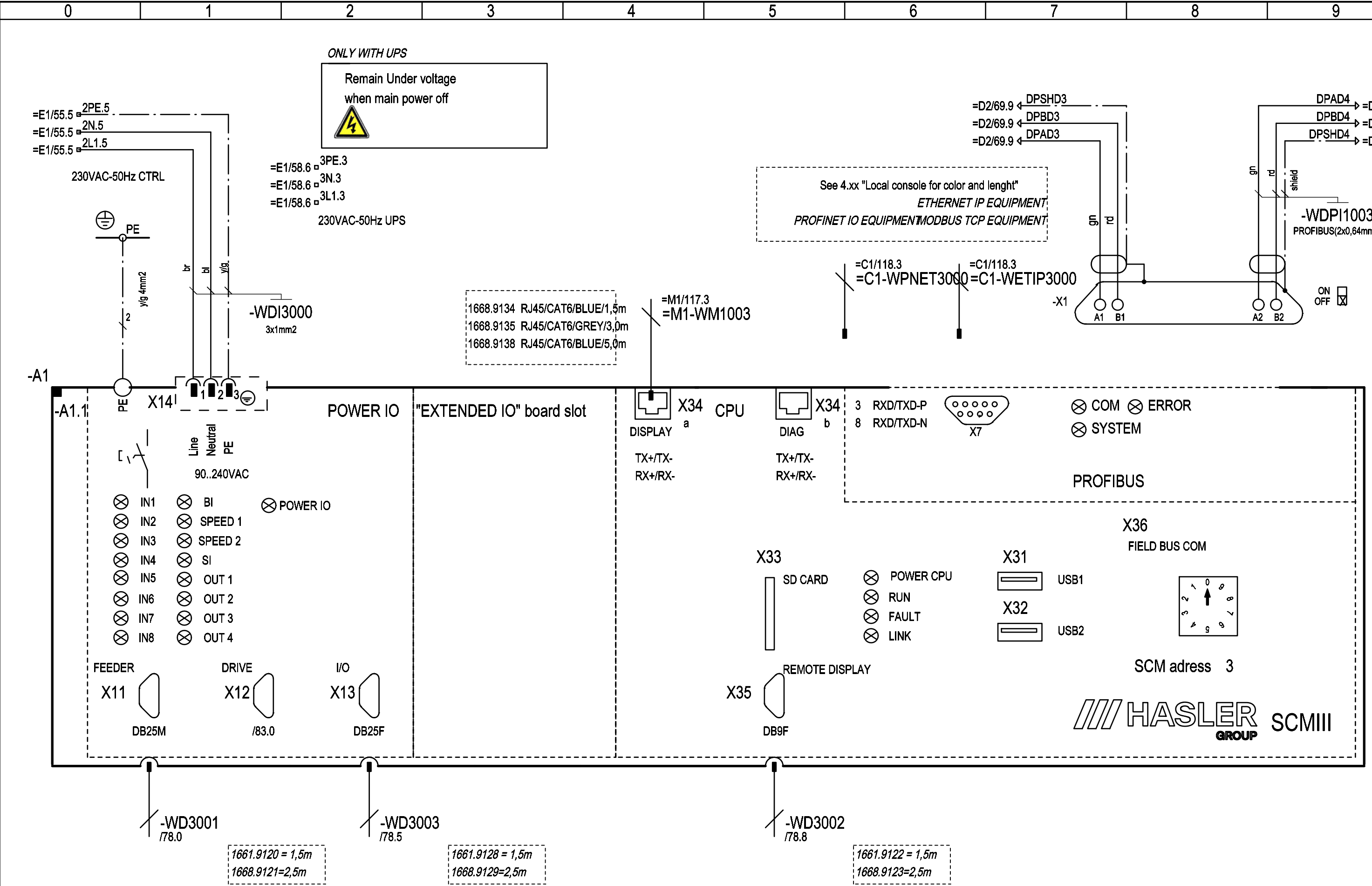




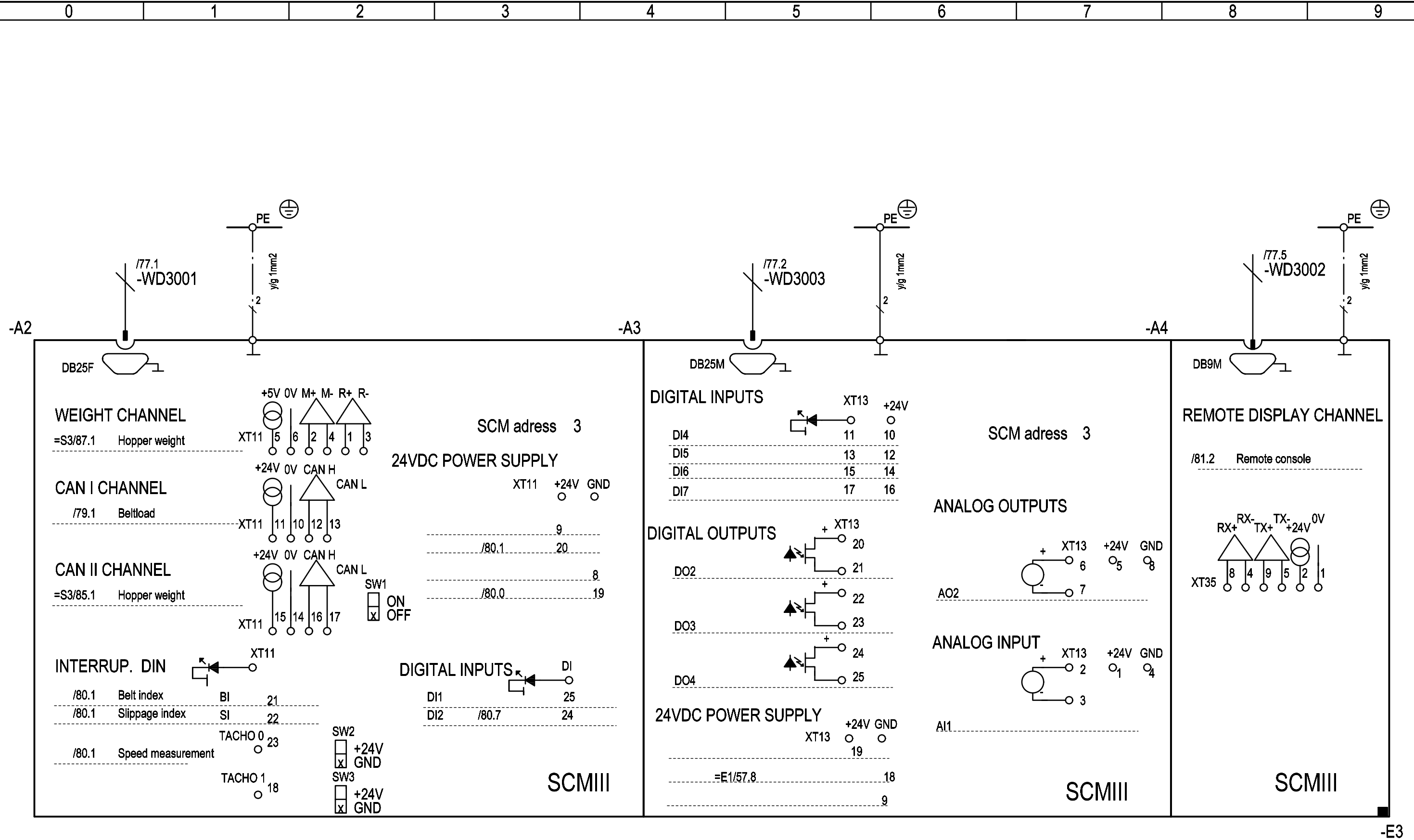




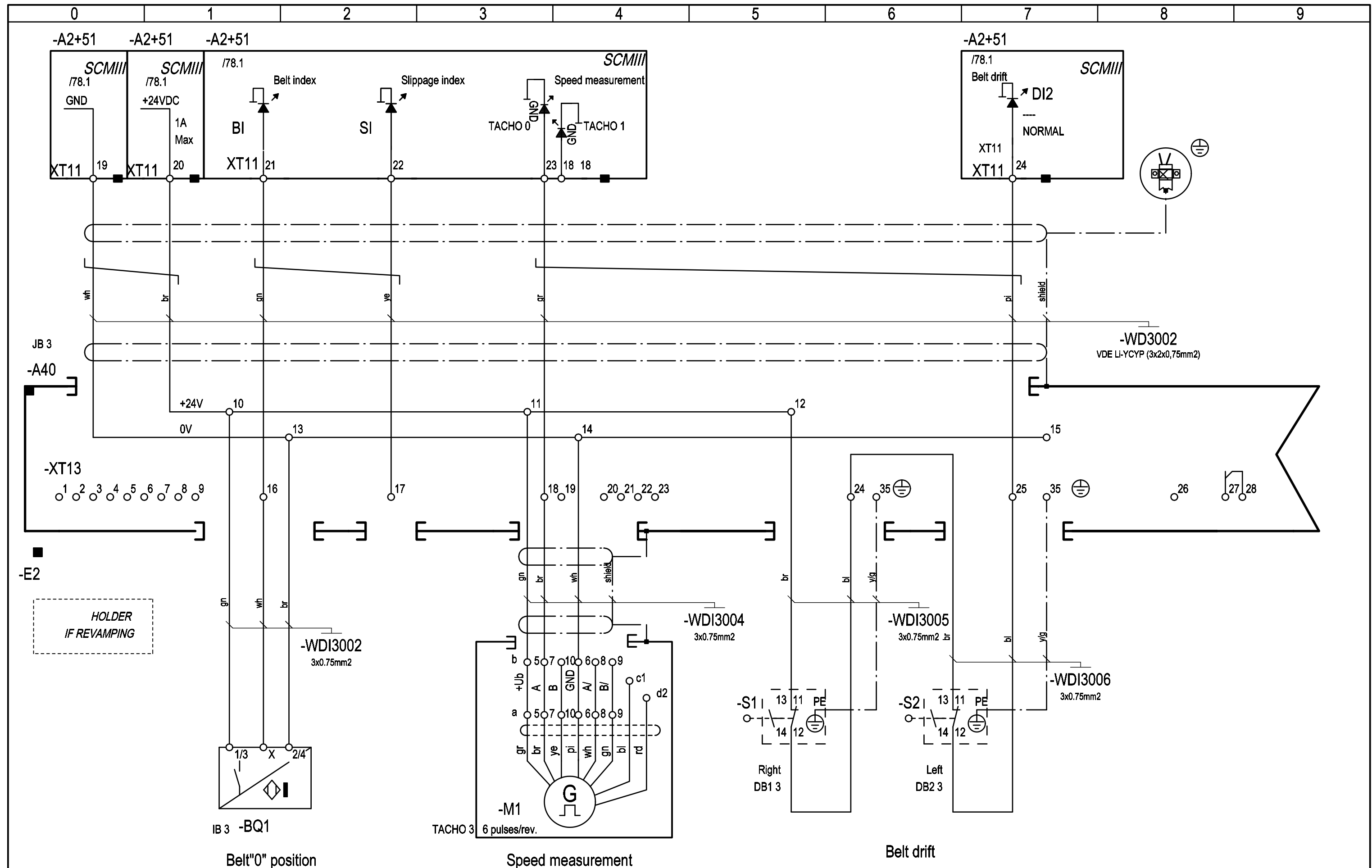


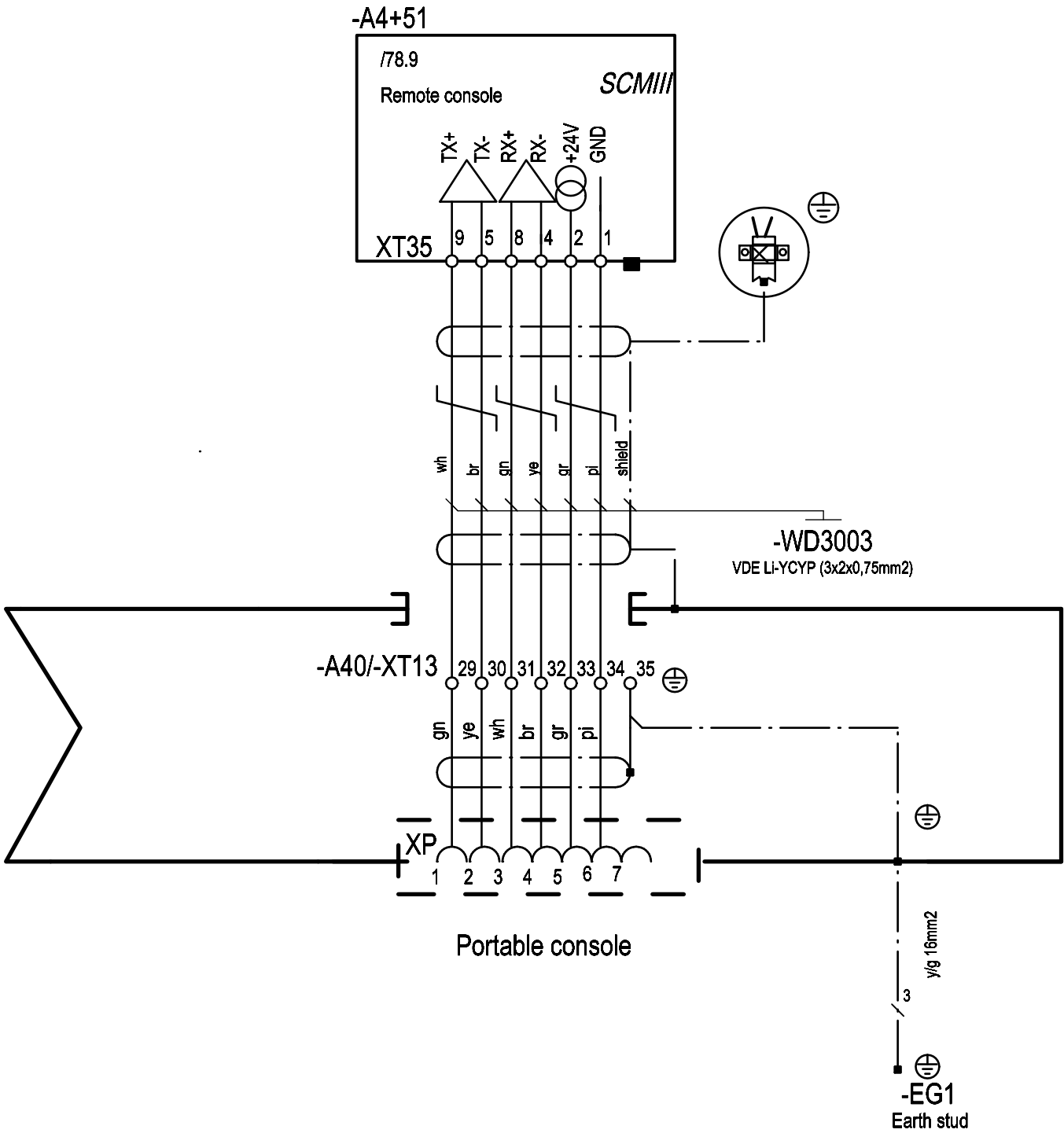


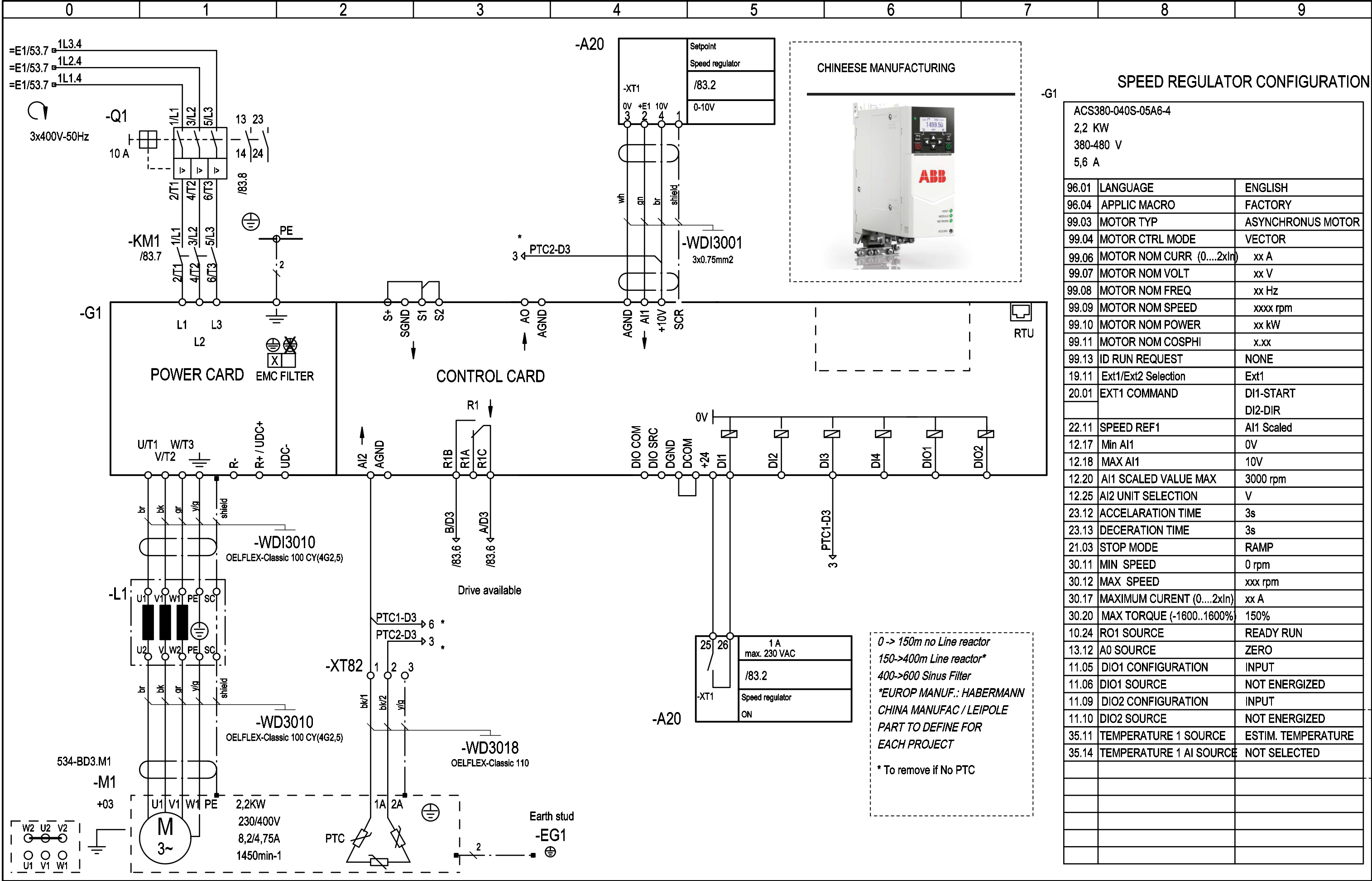




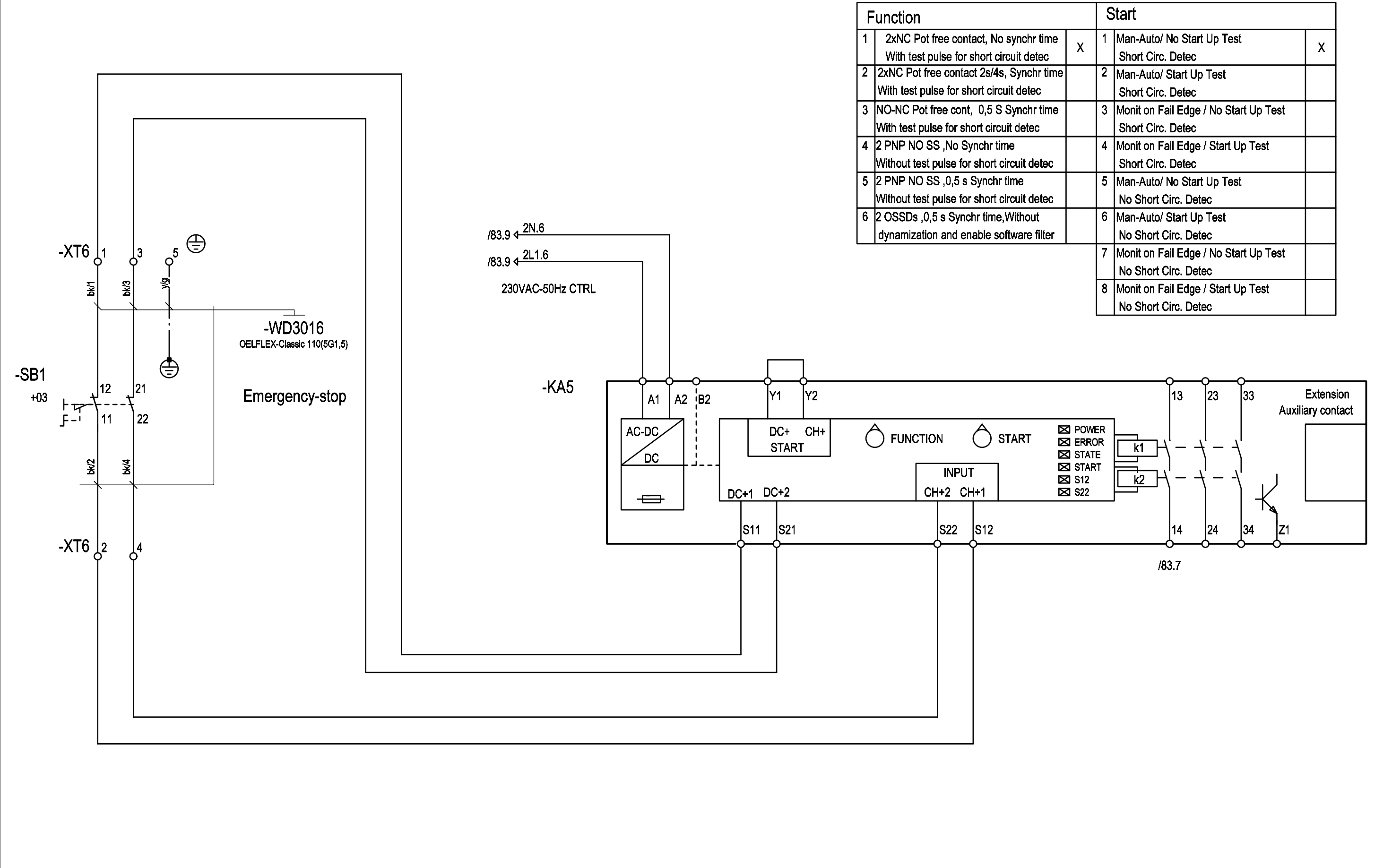






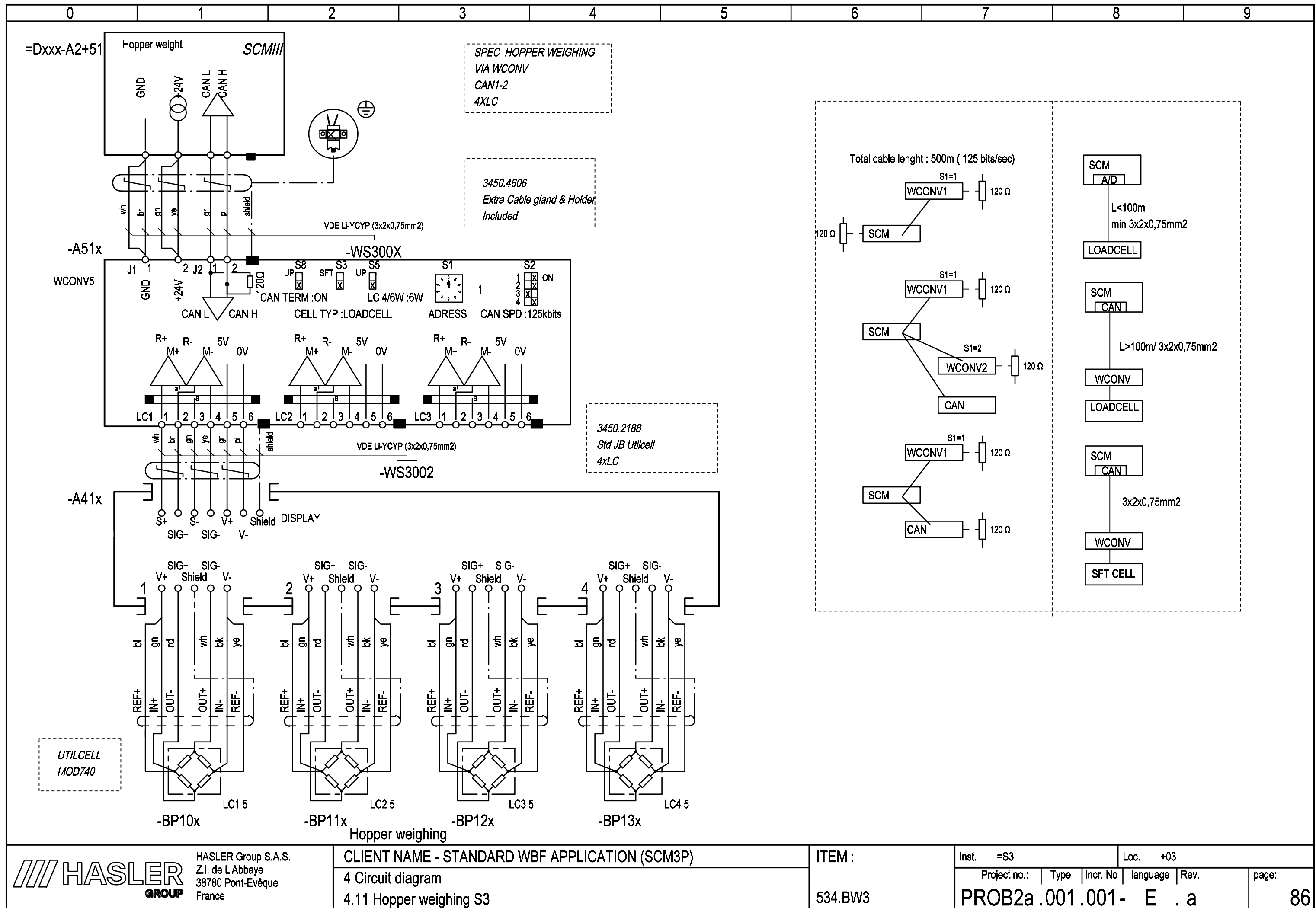


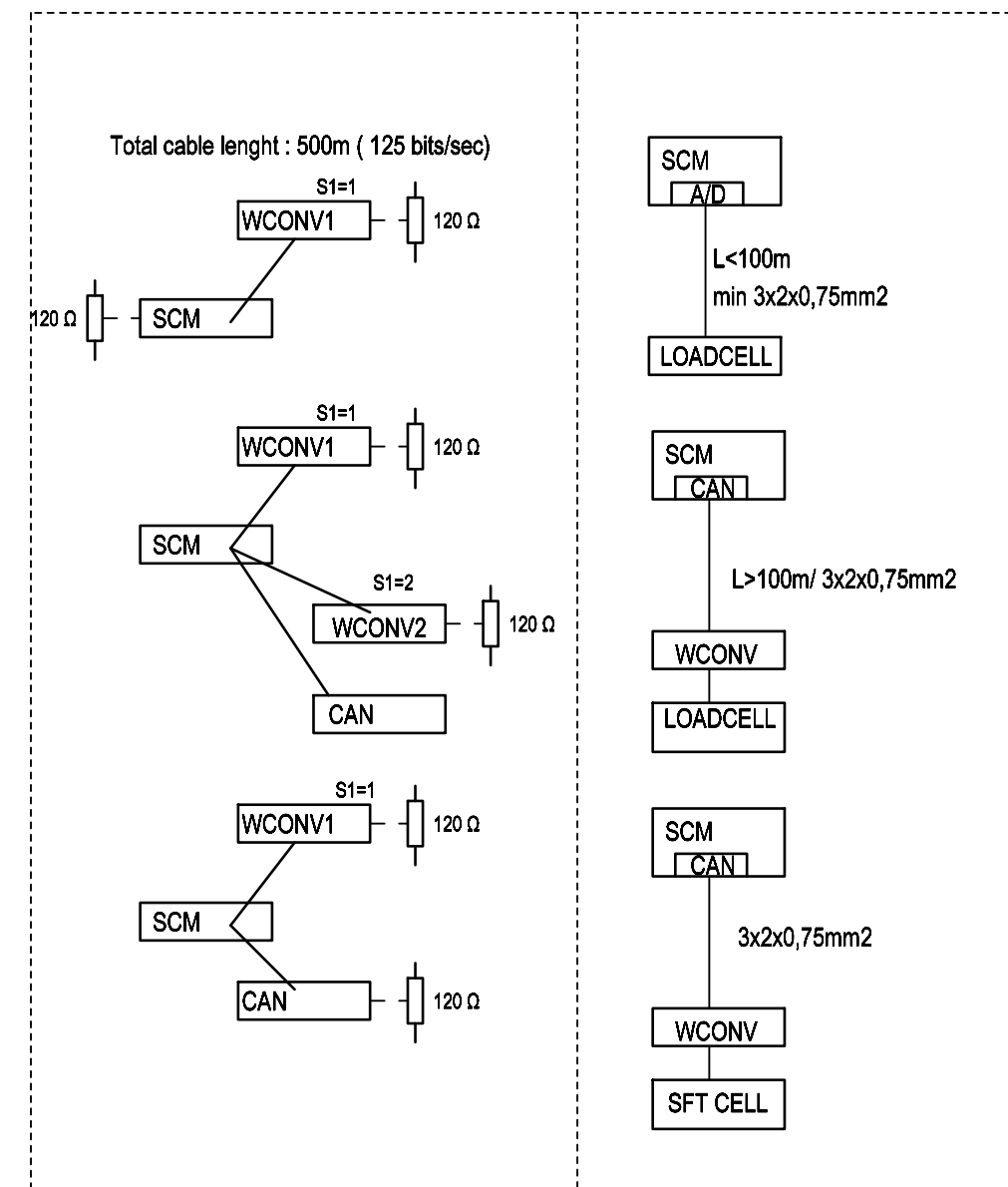
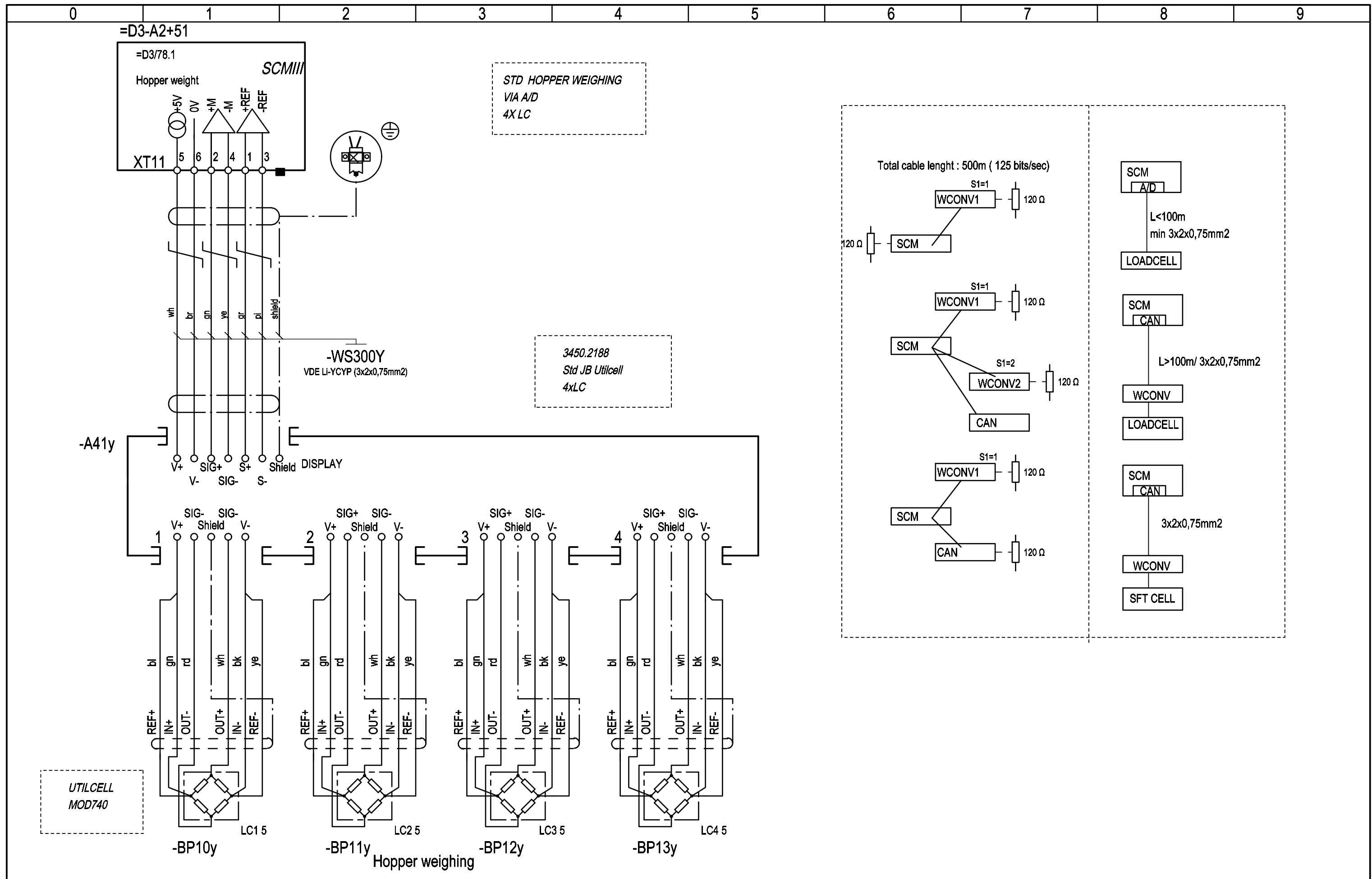


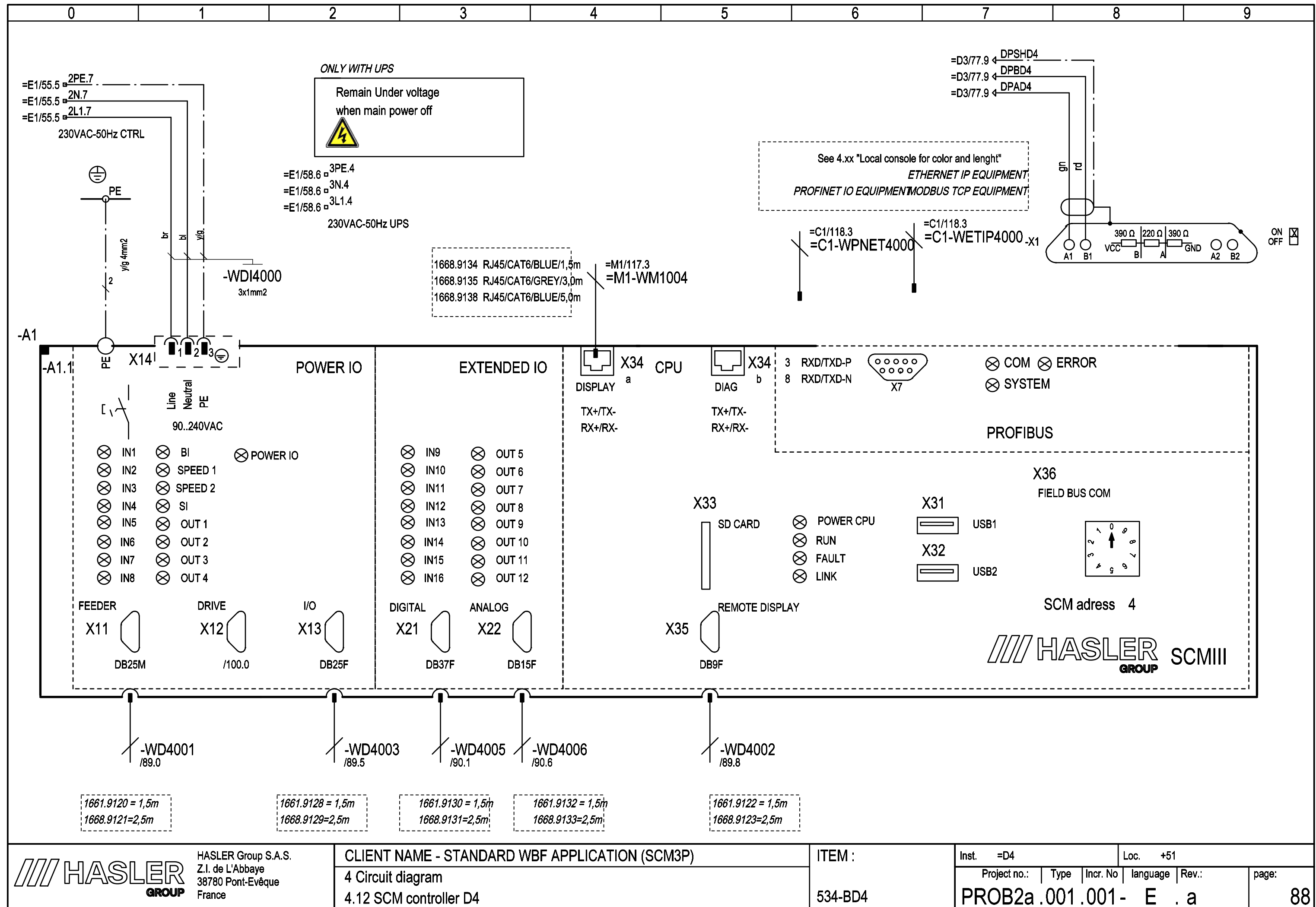


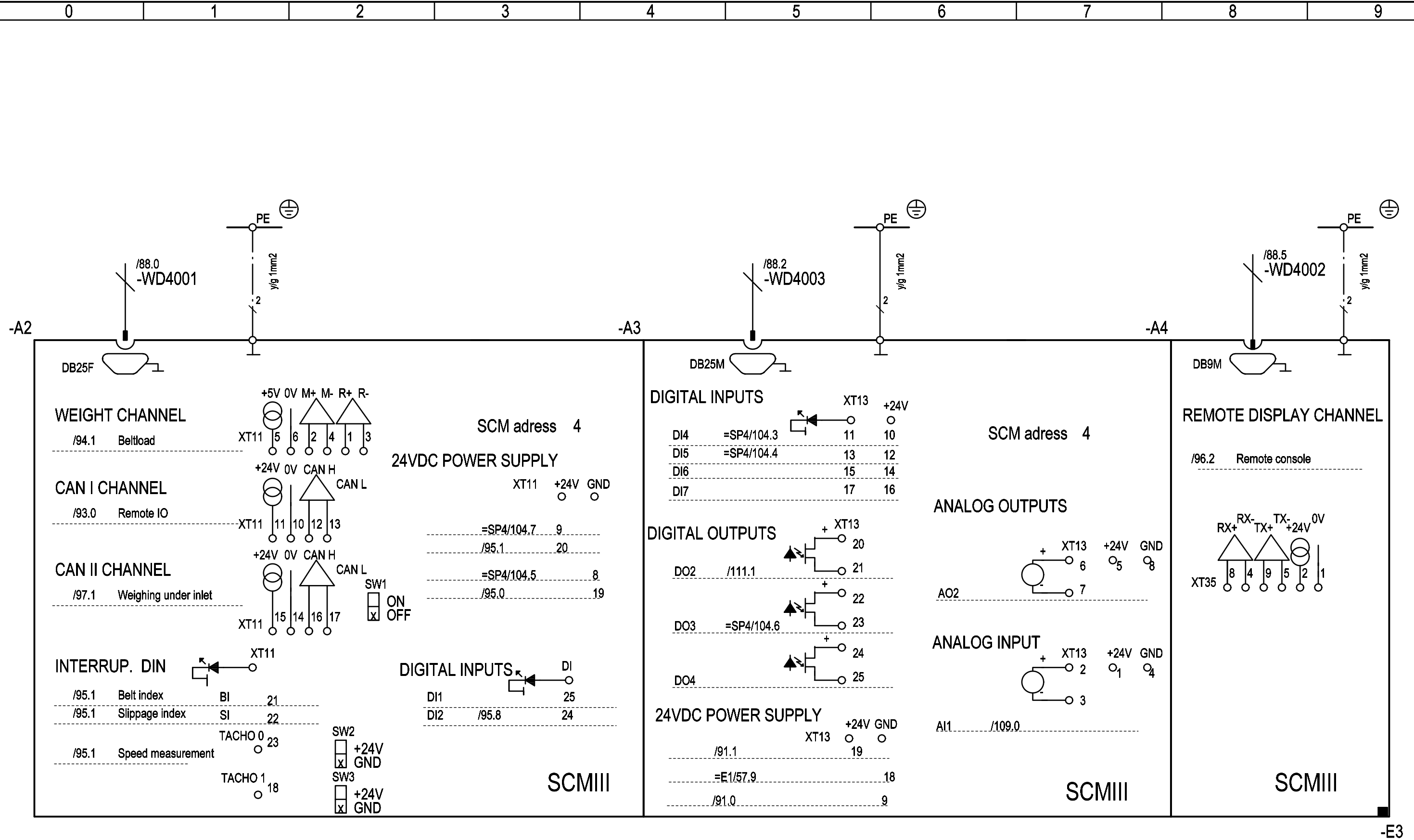




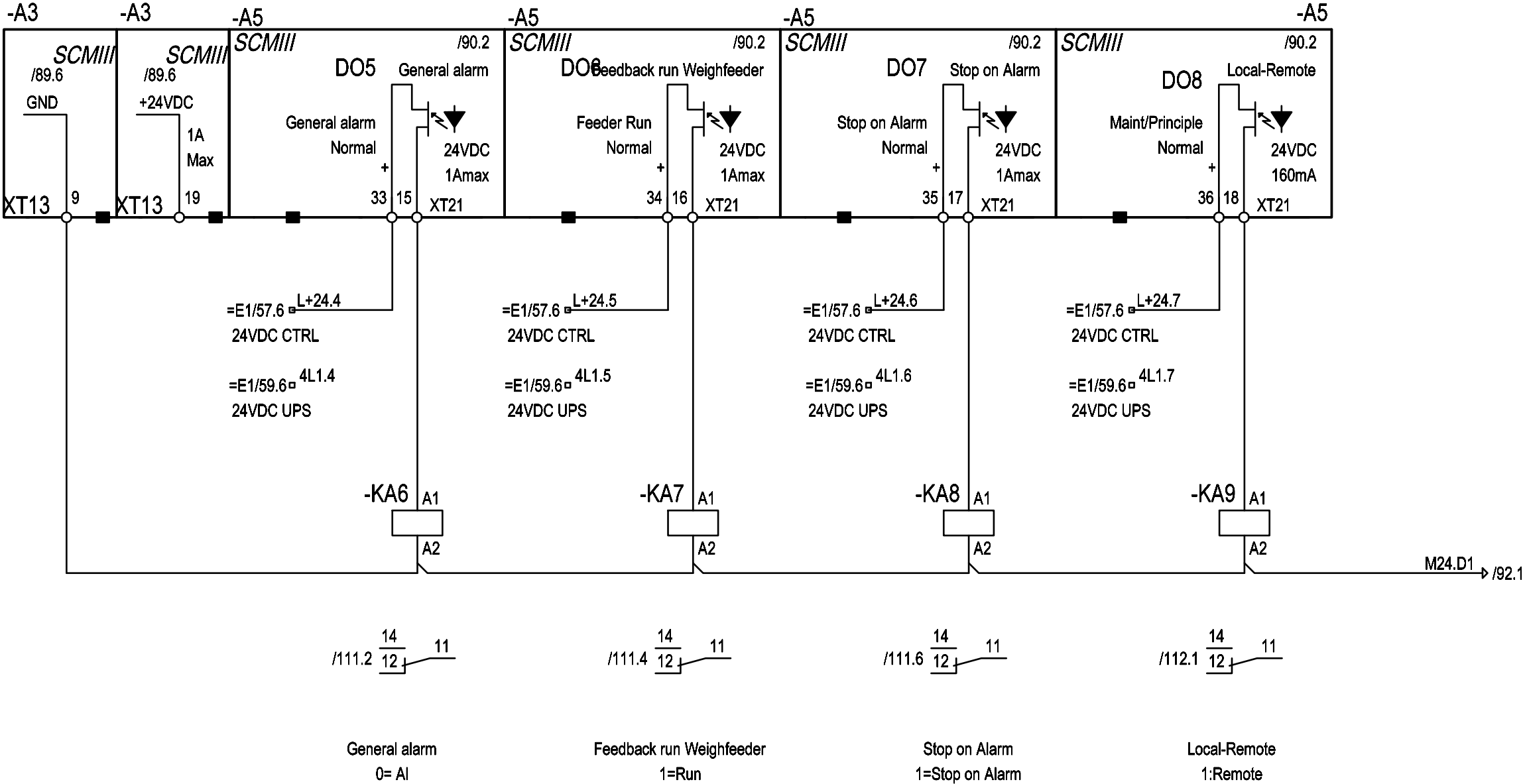


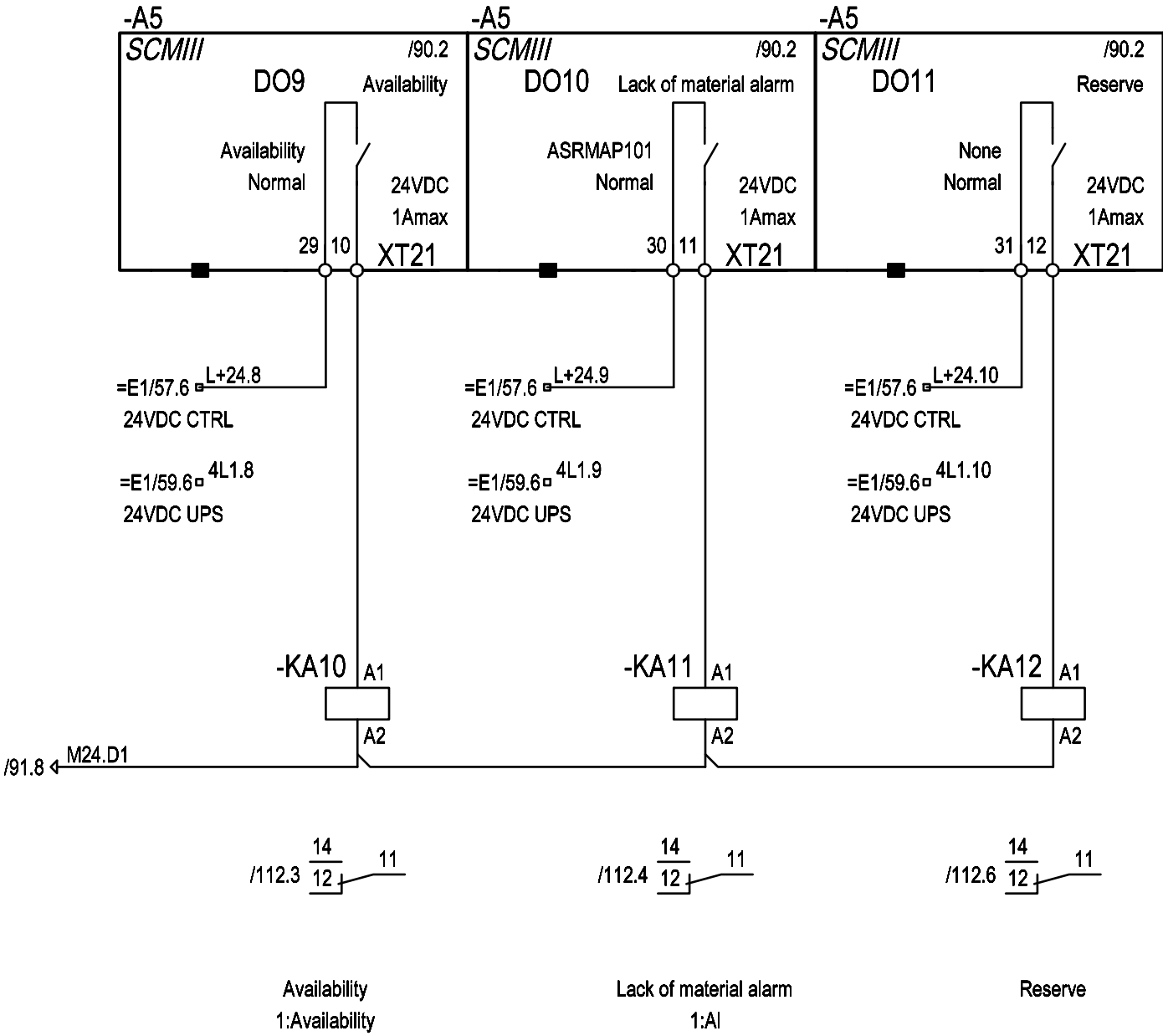






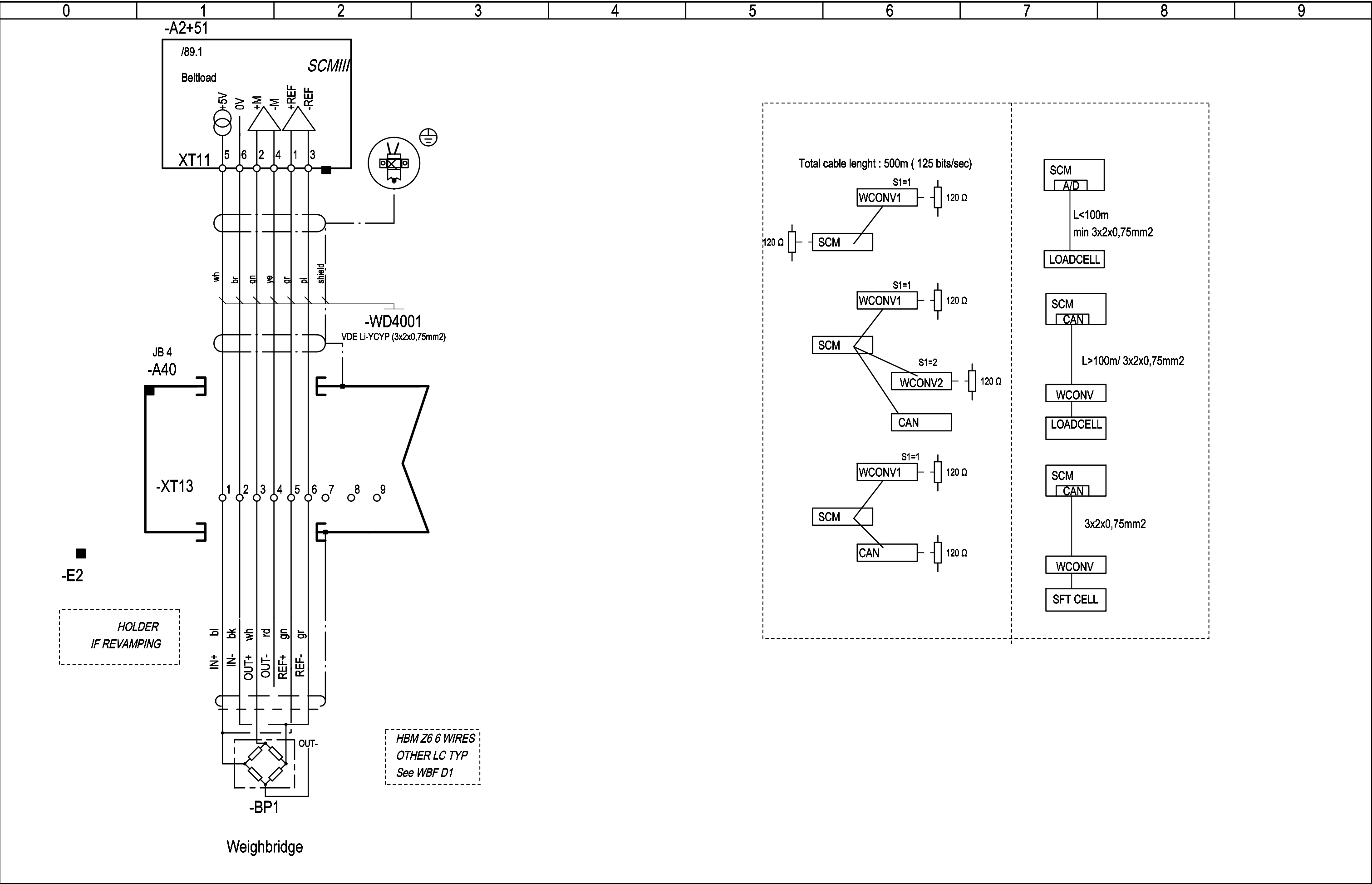


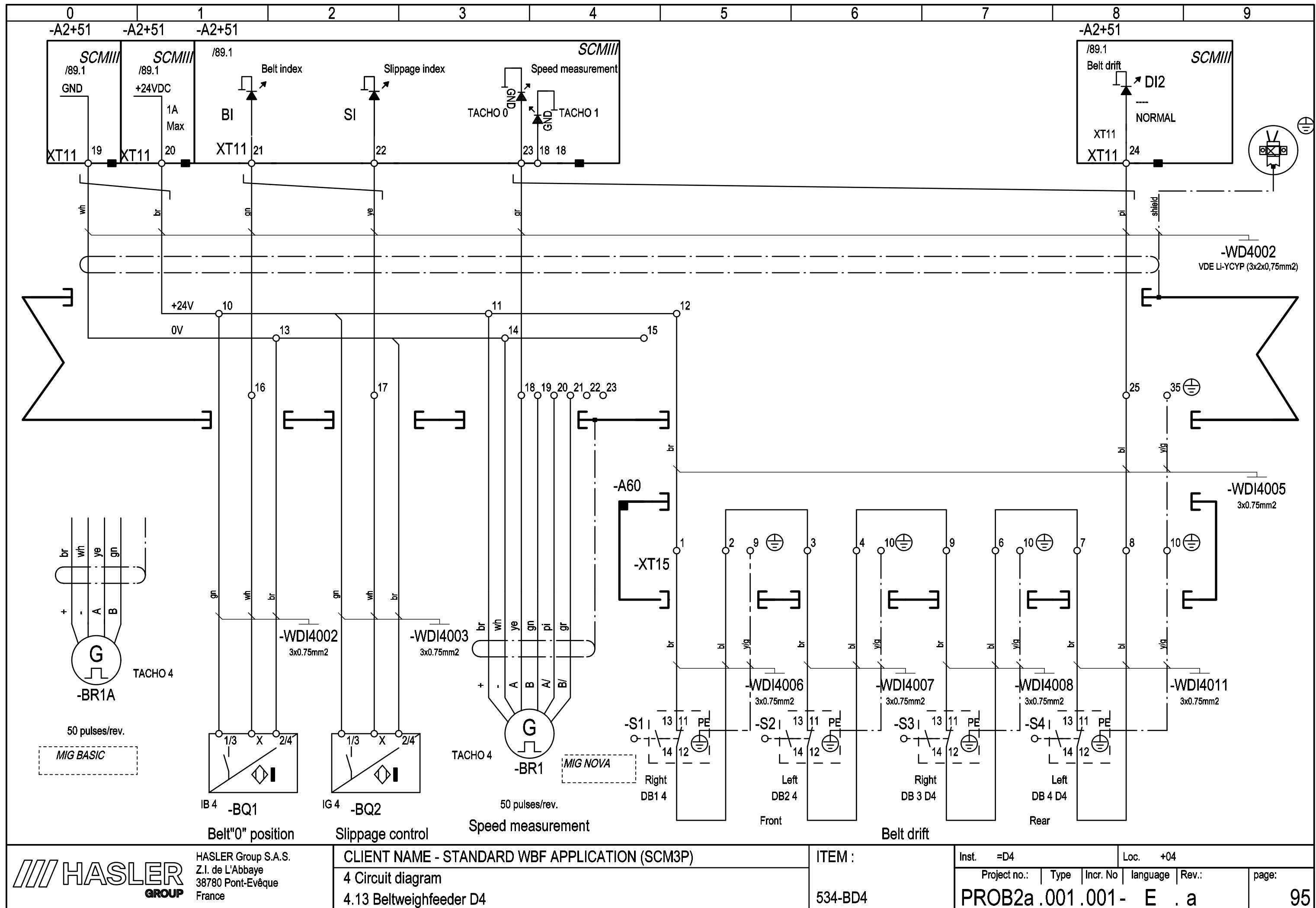


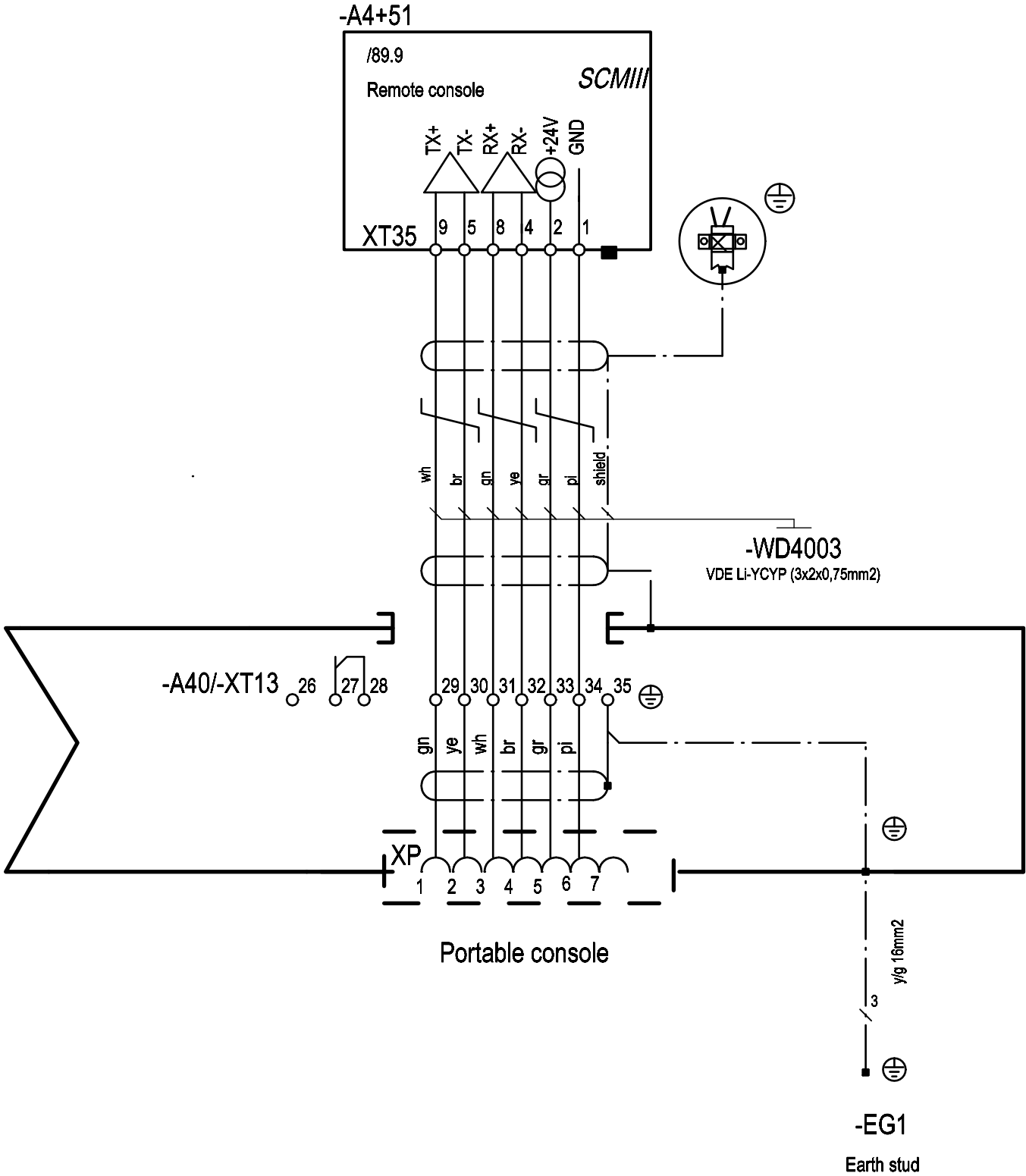


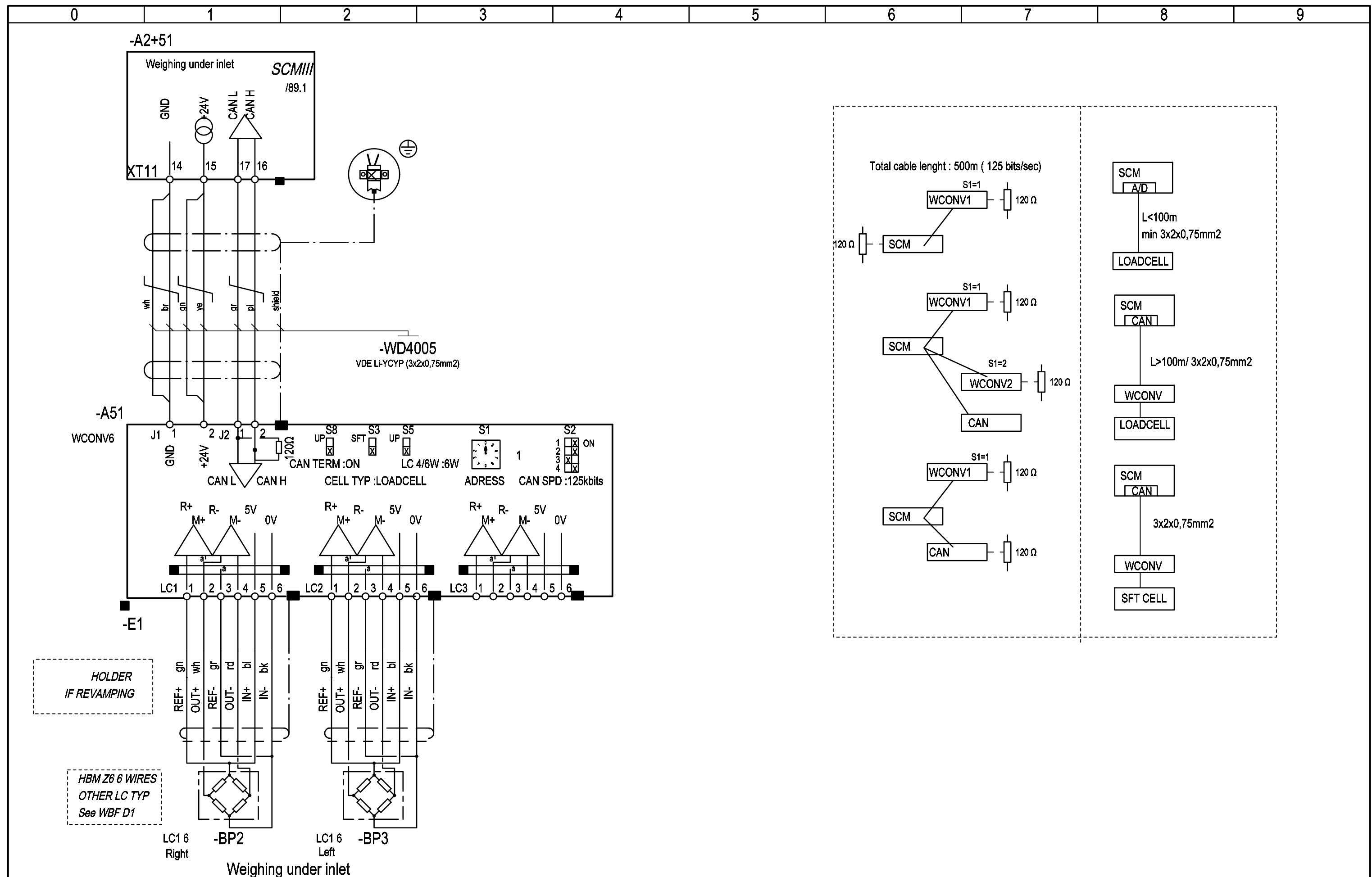


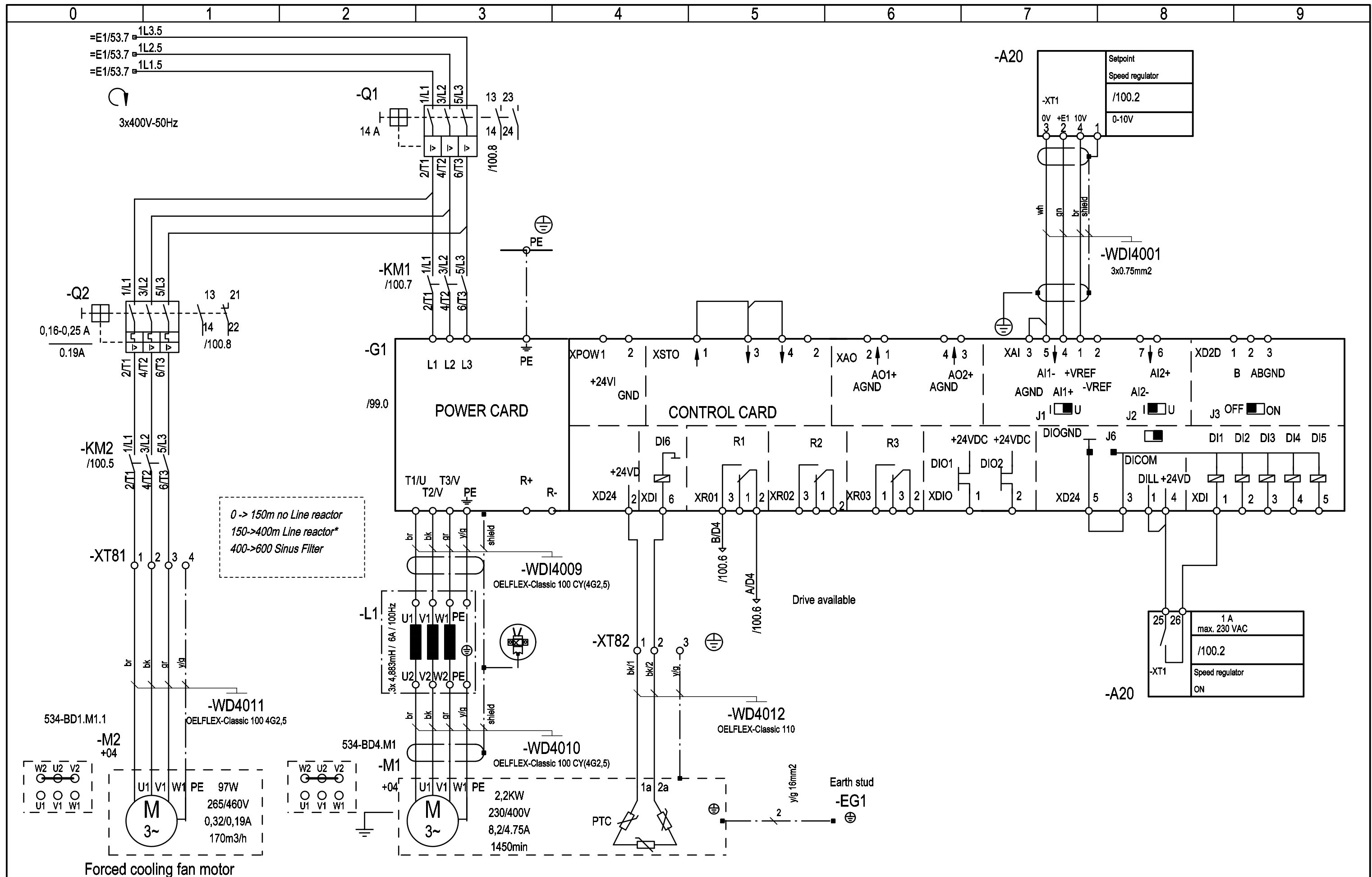












WITHOUT 1024P  
ENCODER USE  
ACS880-CONF1

SPEED REGULATOR CONFIGURATION

-G1

ACS880-01-07A2-3		
3.0 KW		
380-415 V		
7.2 A		
96.01	LANGUAGE	ENGLISH
96.04	APPLIC MACRO	FACTORY
99.03	MOTOR TYP	ASYNCHRONUS MOTOR
99.04	MOTOR CTRL MODE	DTC
99.06	MOTOR NOM CURR (0....2xIn)	4.7 A
99.07	MOTOR NOM VOLT	400 V
99.08	MOTOR NOM FREQ	50 Hz
99.09	MOTOR NOM SPEED	1475 rpm
99.10	MOTOR NOM POWER	2.2 kW
99.11	MOTOR NOM COSPHI	0.7
99.13	ID RUN REQUEST	NONE
19.11	Ext1/Ext2 Selection	Ext1
20.01	EXT1 COMMAND	DI1-START DI2-DIR
22.11	SPEED REF1	AI1 Scaled
12.17	Min AI1	0V
12.18	MAX AI1	10V
23.12	ACCELERATION TIME	3s
23.13	DECERATION TIME	3s
21.03	STOP MODE	RAMP
30.11	MIN SPEED	0 rpm
30.12	MAX SPEED	3000 rpm
30.17	MAXIMUM CURENT (0....2xIn)	A
30.20	MAX TORQUE (-1600..1600%)	150%
10.24	RO1 SOURCE	READY RUN
10.27	RO2 SOURCE	RUNNING
10.30	RO3 SOURCE	NO FAULT
13.12	A01 SOURCE	MOTOR SPEED
13.22	A02 SOURCE	MOTOR CURRENT
11.05	DIO1 CONFIGURATION	OUT
11.06	DIO1 SOURCE	READY RUN
11.09	DIO2 CONFIGURATION	OUT
11.10	DIO2 SOURCE	RUNNING
35.10	SUP.1 PROTEC (TEMP)	NO
35.11	SUP.1 SOURCE (TEMP)	PTC(DI6)

Option board FEN-31		
Option board -----		
Option board -----		
91.11	MODULE TYPE	4
91.12	SOCKET NUMBER	3
92.01	ENCODER TYPE	5 (HTL)
92.02	ENCODER SOURCE	0
92.10	ENCODER IMPS	1024
92.11	ENCODER TYPE	0 (A-B)
92.20	ENCODER CABLE FAULT	2
92.21	ENCODER CABLE FAULT MODE	2 (A+,A-,B+,B-)
12.20	AI1 SCALED MAX.	3000
90.41	ENCODER 1	1
90.45	DEFAULT	0
91.10	REFRESH	1

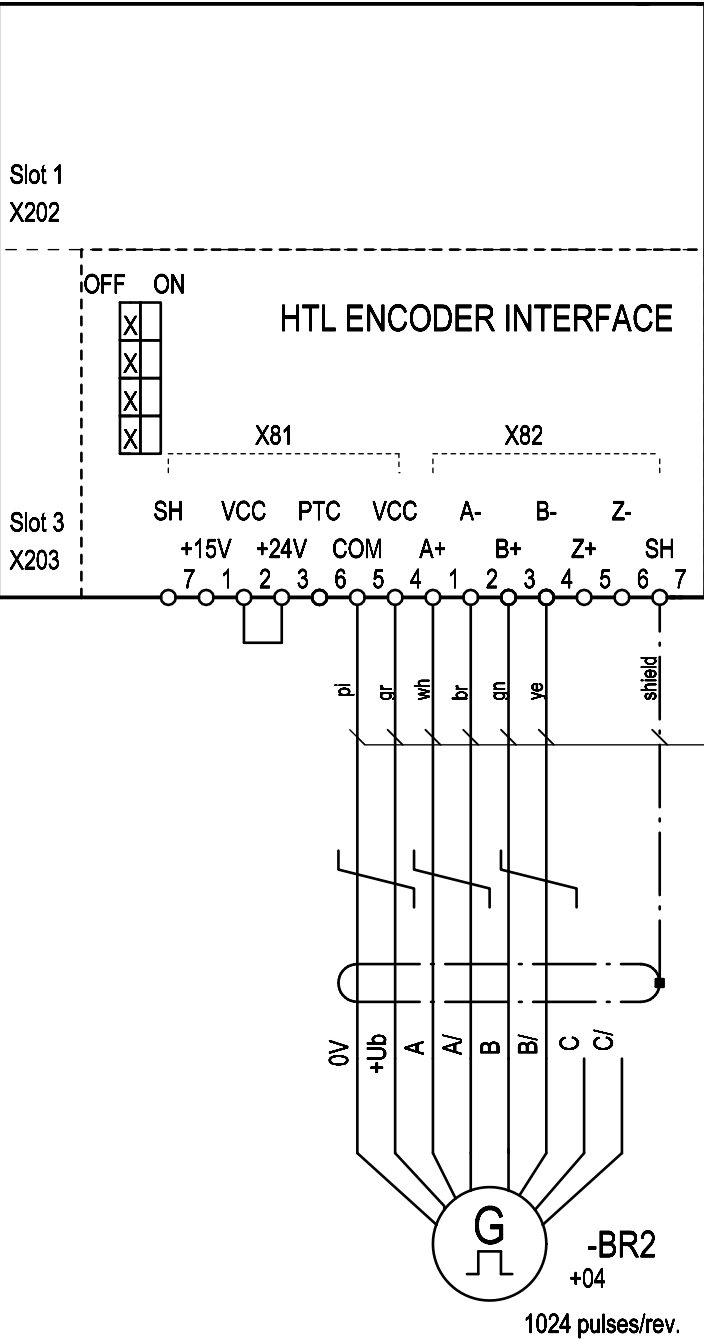
"BOOK FORM": 0,25..75KW  
ON REQUEST ( REGULATION LOOP ,...)  
0,25KW...220KW ( ND)



See "Drive design" doc to select ND/HD / HD DEFAULT

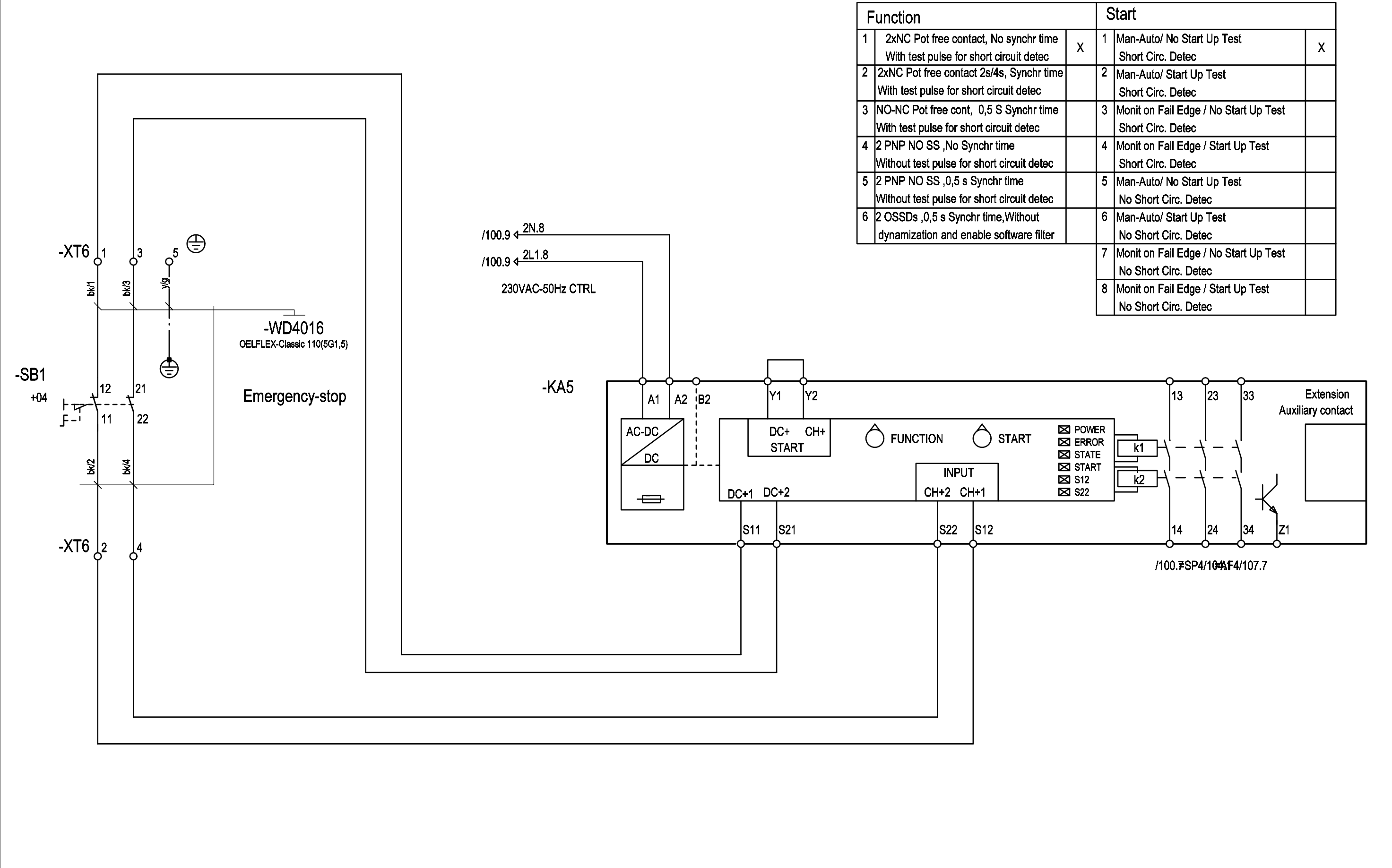
-G1

/98.3

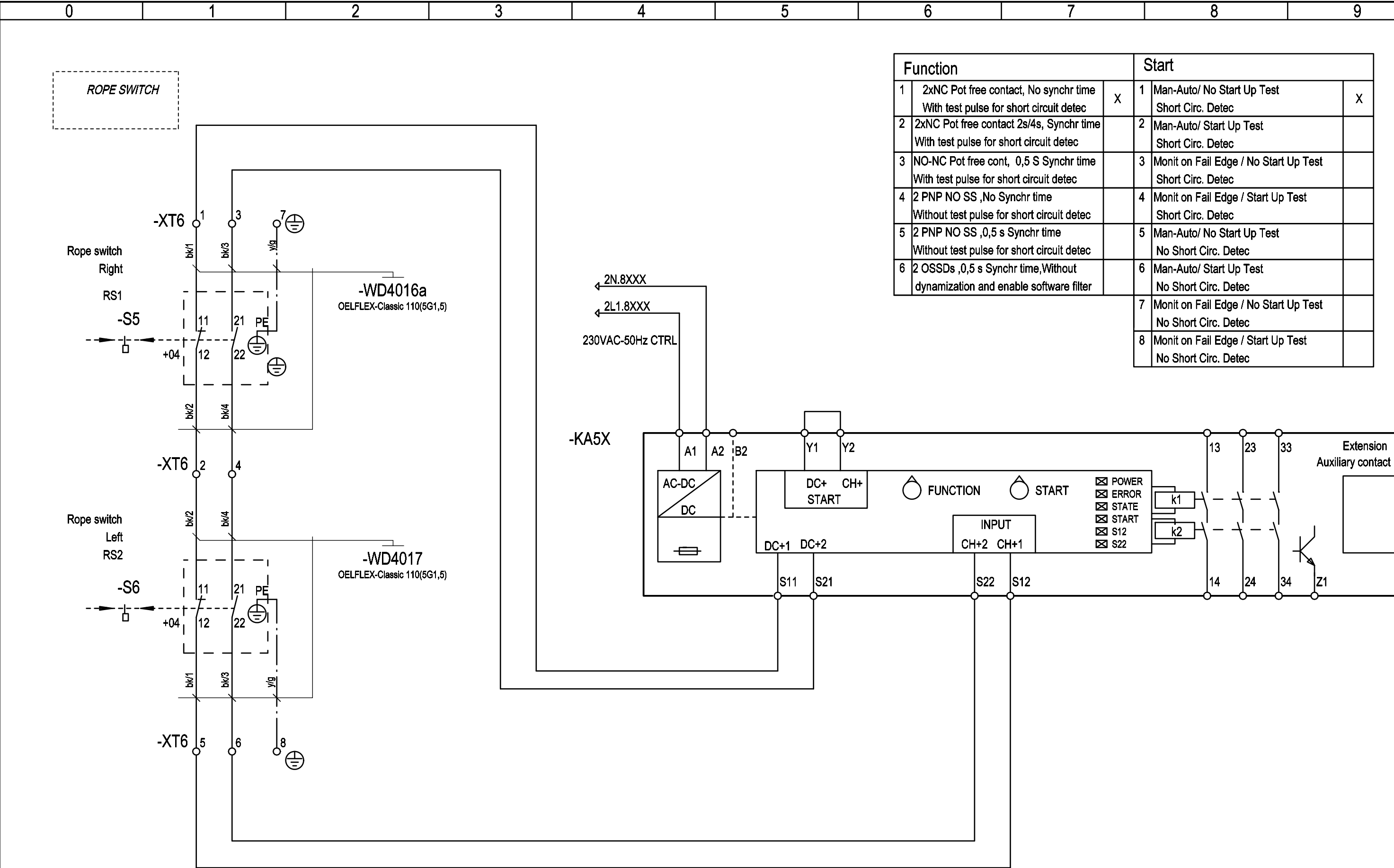


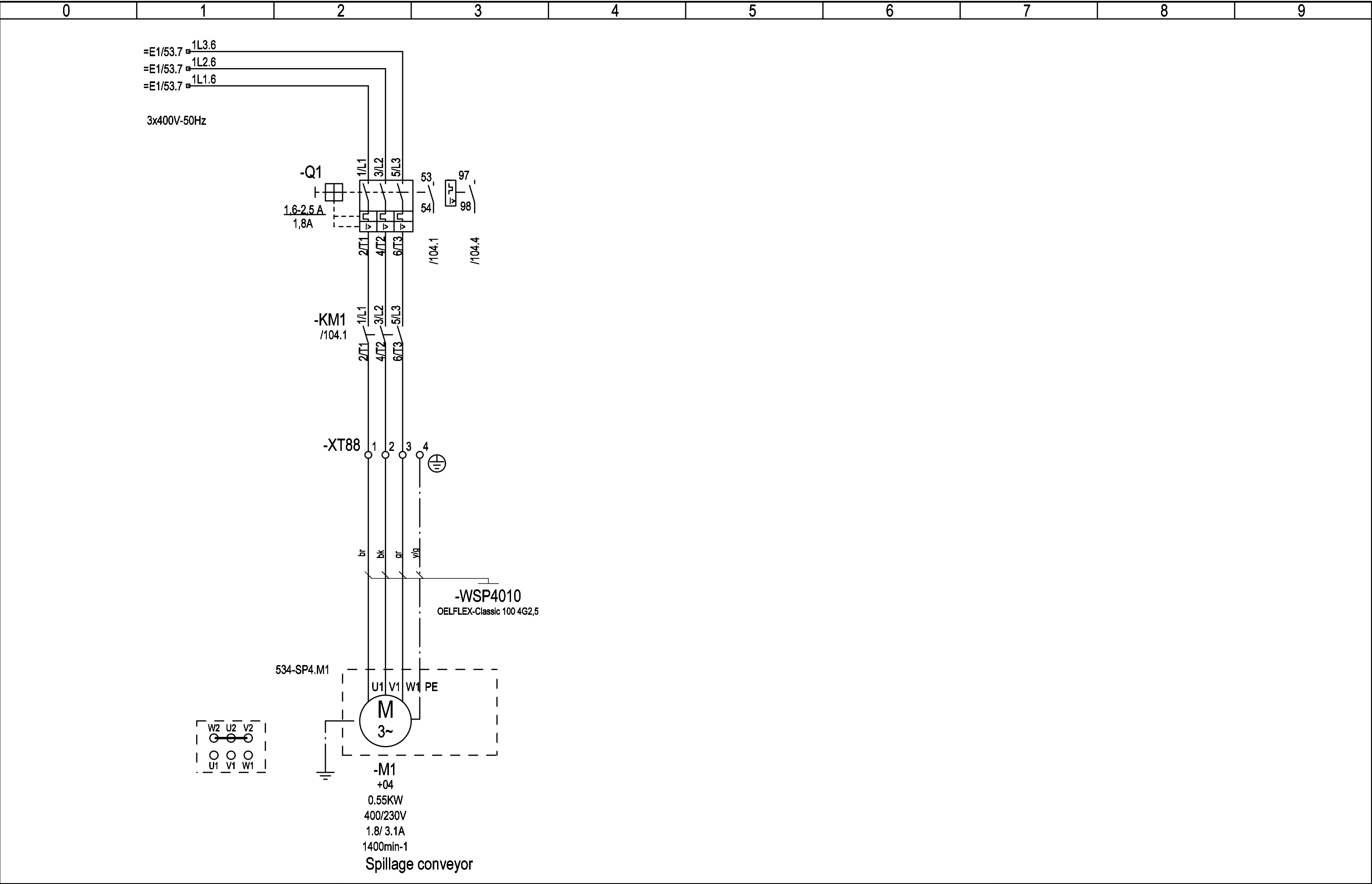
SEW 1024 ENCODER  
HTL -4,75..30VDC

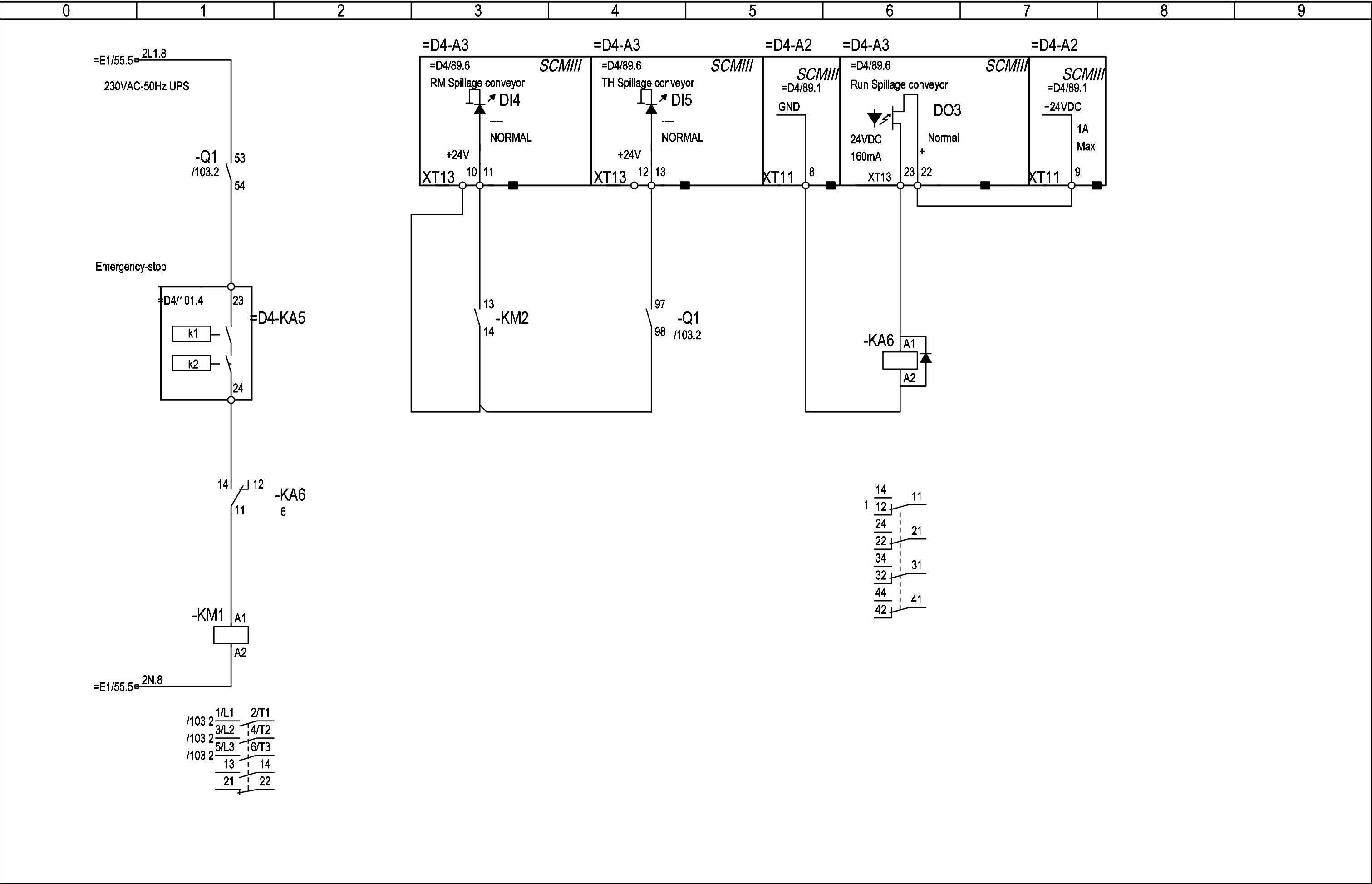




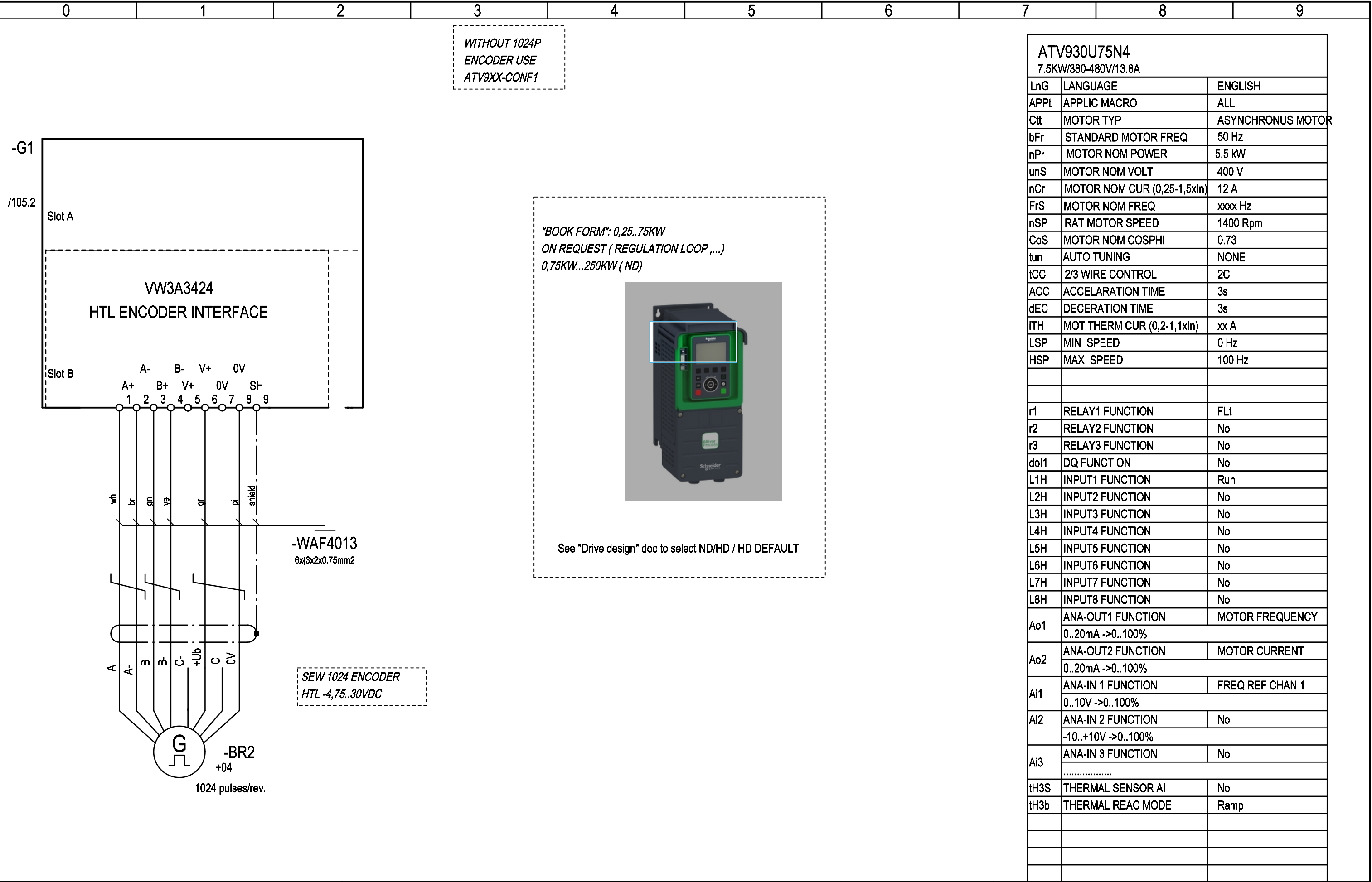


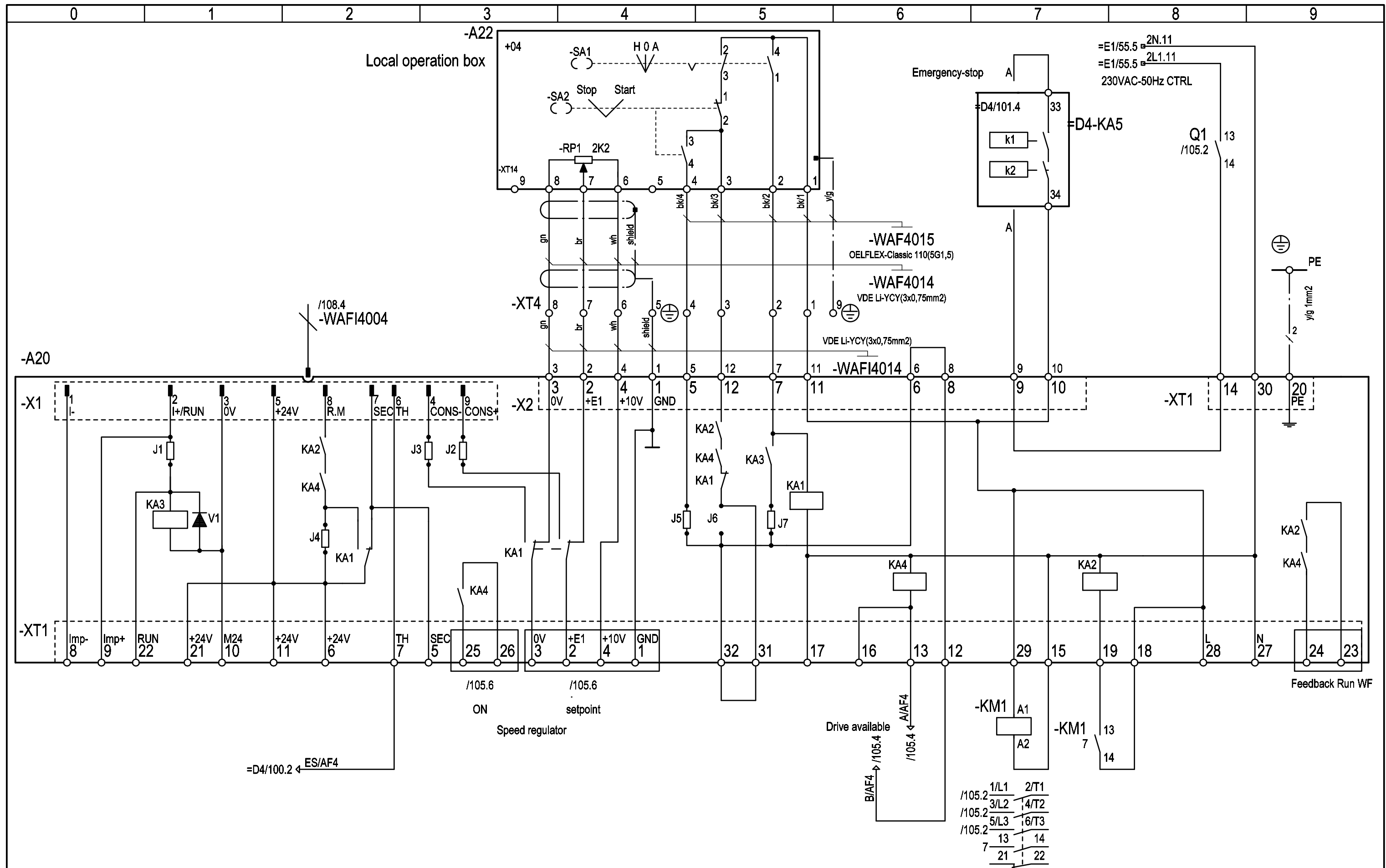


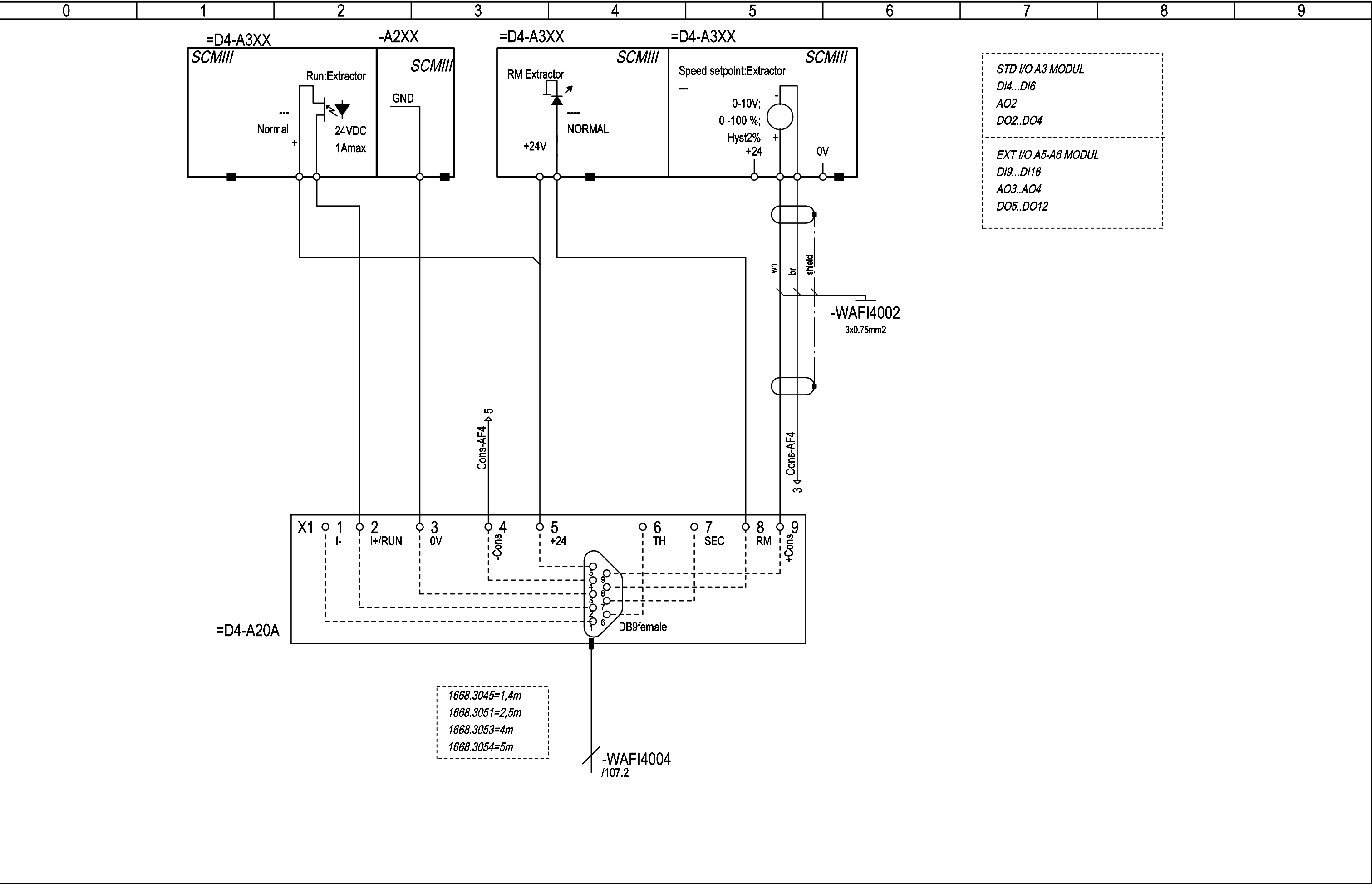








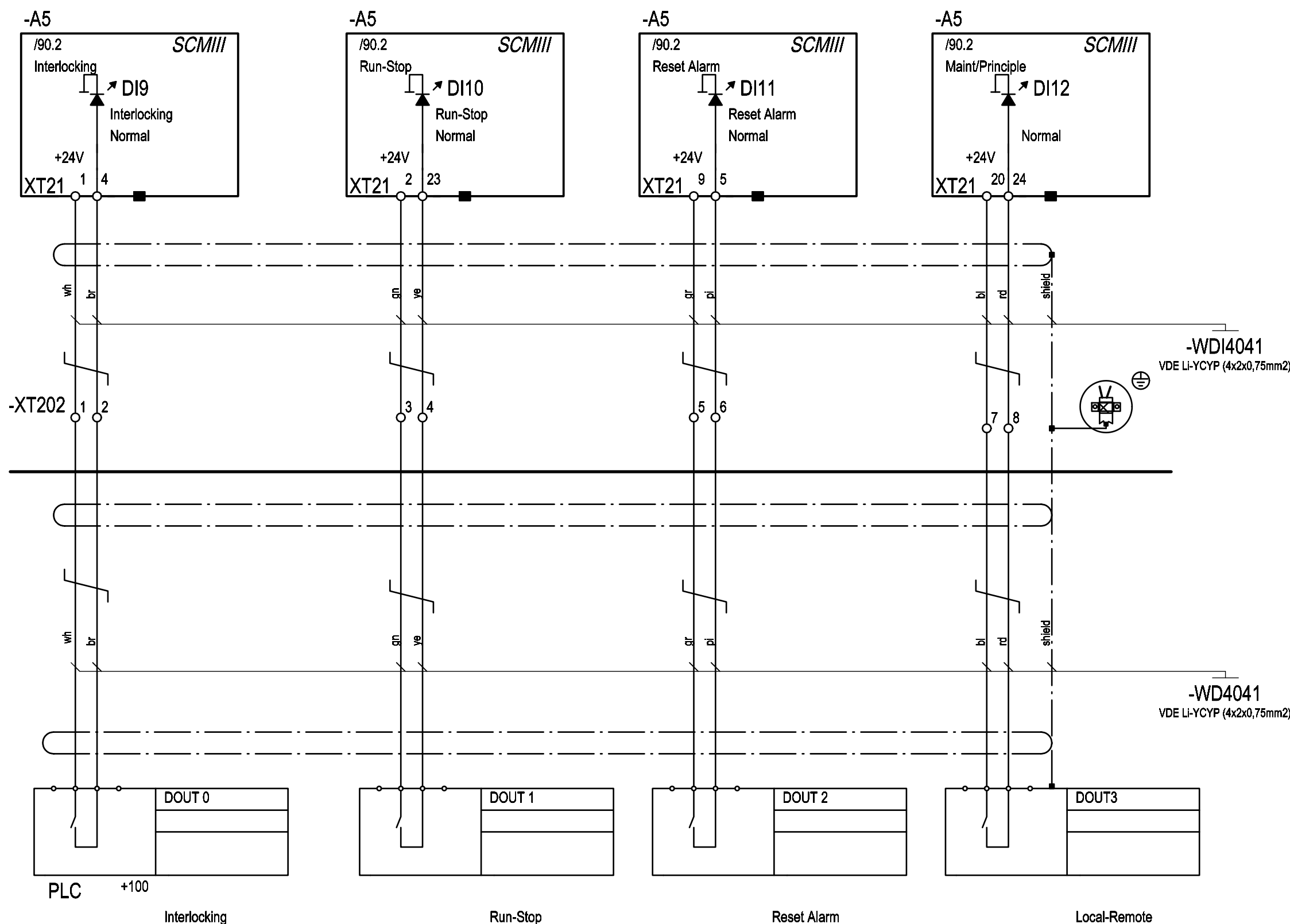








HASLER interface



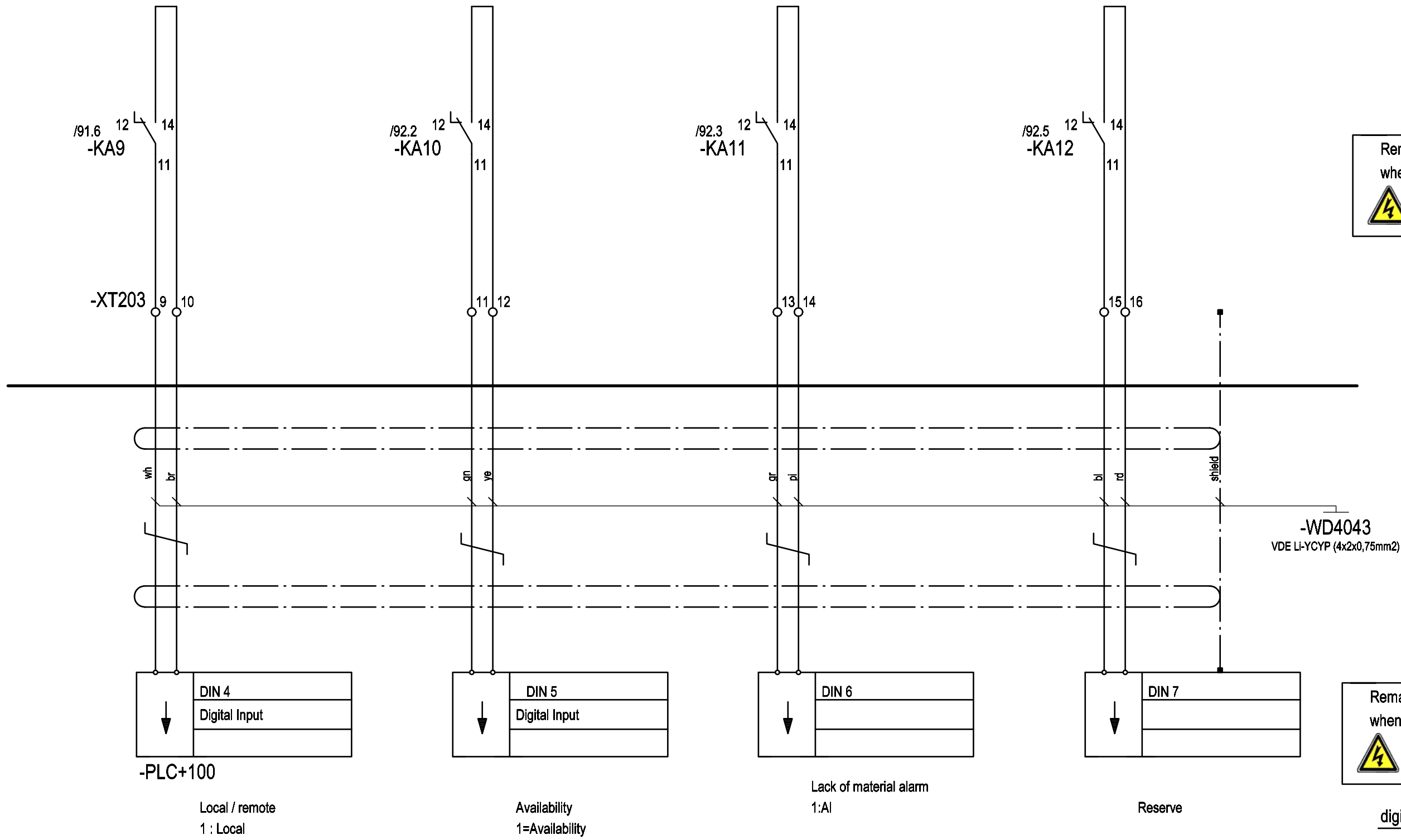
Client interface

Local-Remote  
0:Remote->Host or IO  
1:Local: PDU(HMI)

digital input  
Low threshold :3..+5VDC  
High threshold :15..+30VDC



HASLER interface



Client interface



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France

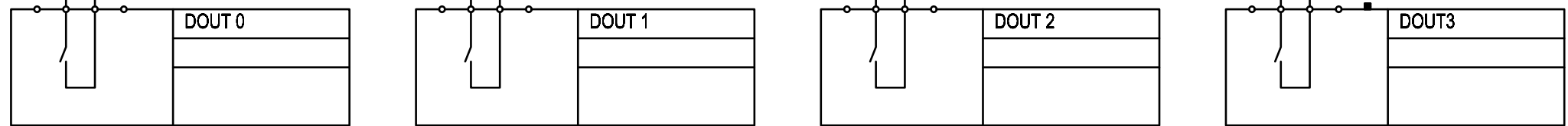
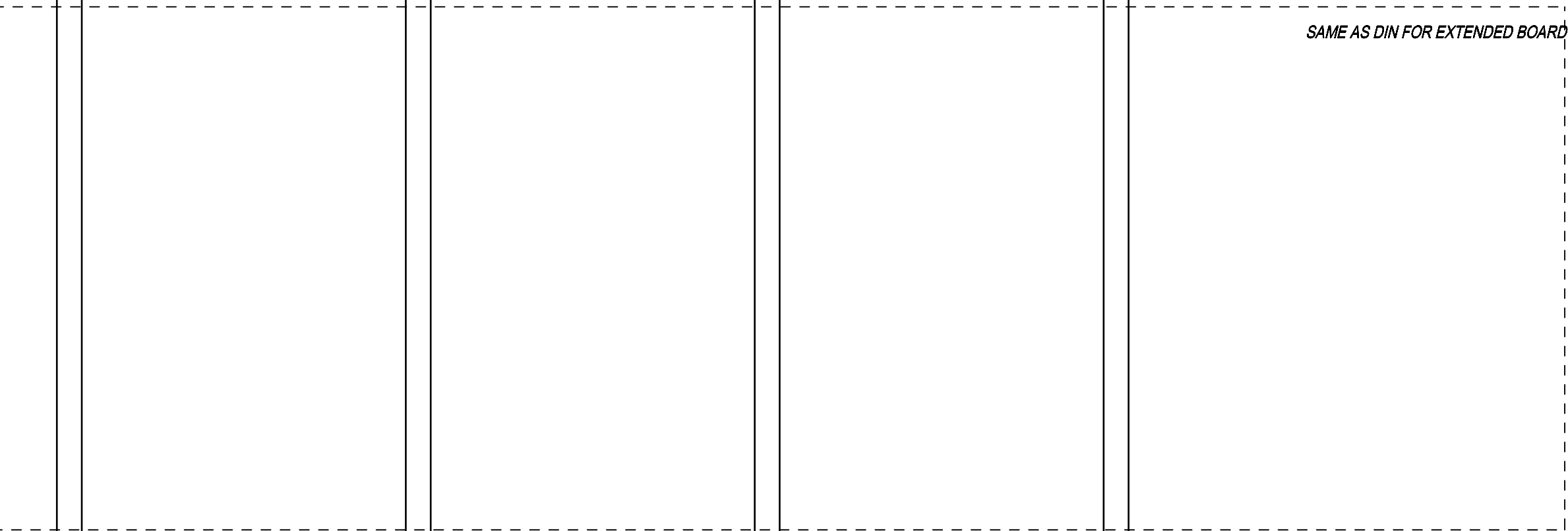
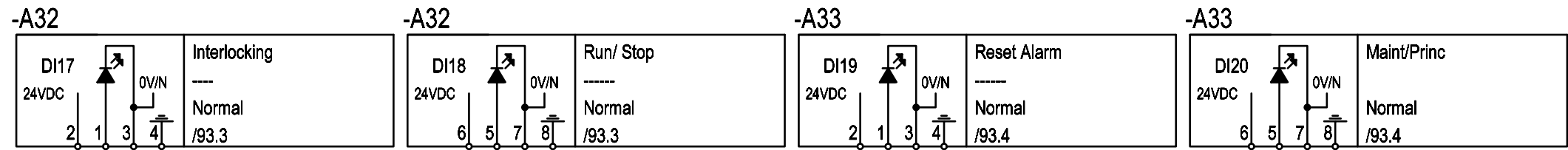
CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)  
4 Circuit diagram  
4.17 IO Interface D4 (EXT)

ITEM :  
534-BD4

Inst. =D4		Loc. +51		
Project no.:	Type	Incr. No	language	Rev.:
PROB2a .001 .001 - E . a				page: 112



HASLER interface



PLC +CCR

Interlocking

Run-Stop

Reset Alarm

Local-Remote  
0:Remote->Host or IO  
1:Local: PDU(HMI)

digital input

Low threshold :3..+5VDC  
High threshold :15..+30VDC

Client interface

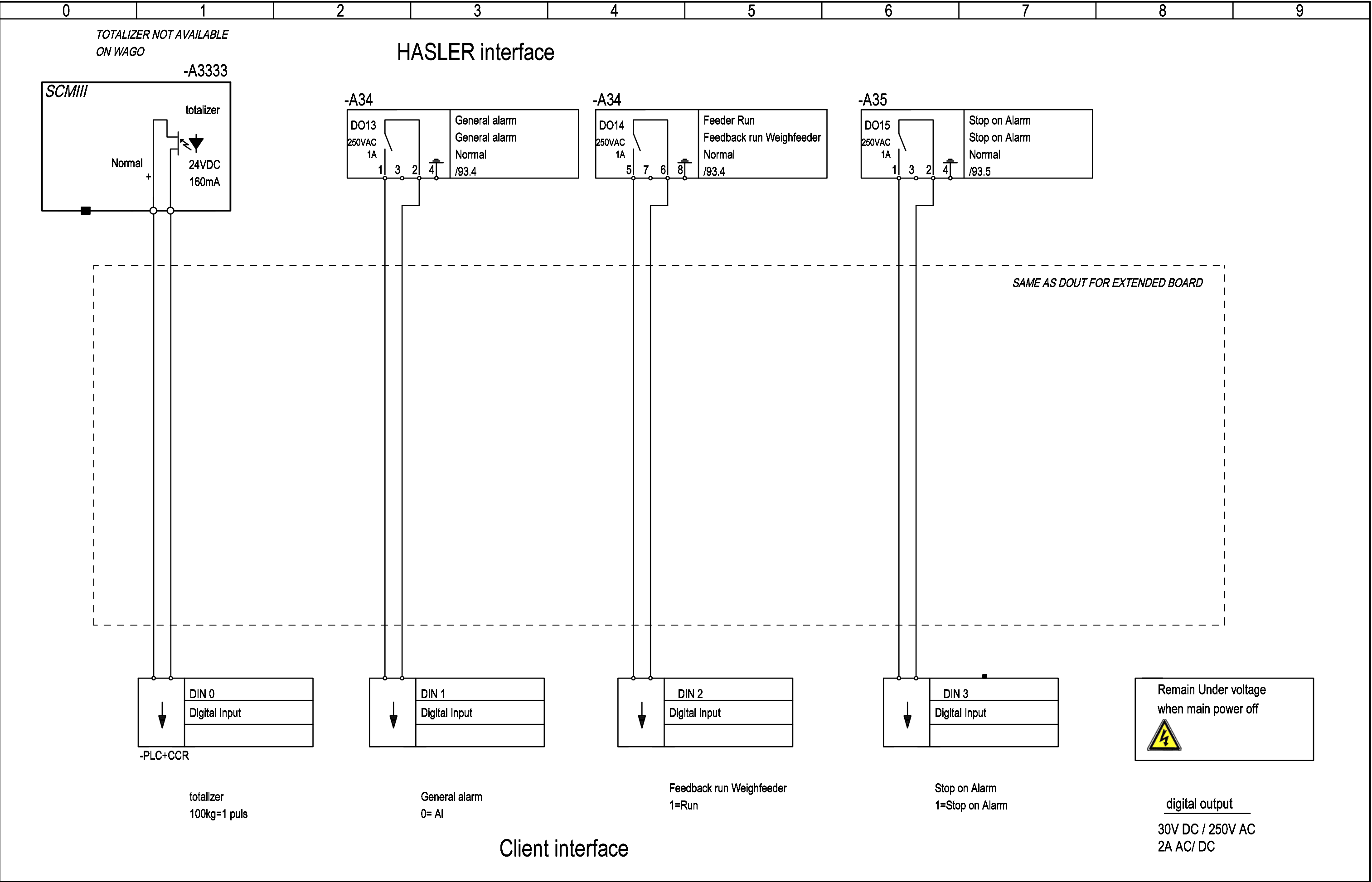


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38780 Pont-Evêque  
France

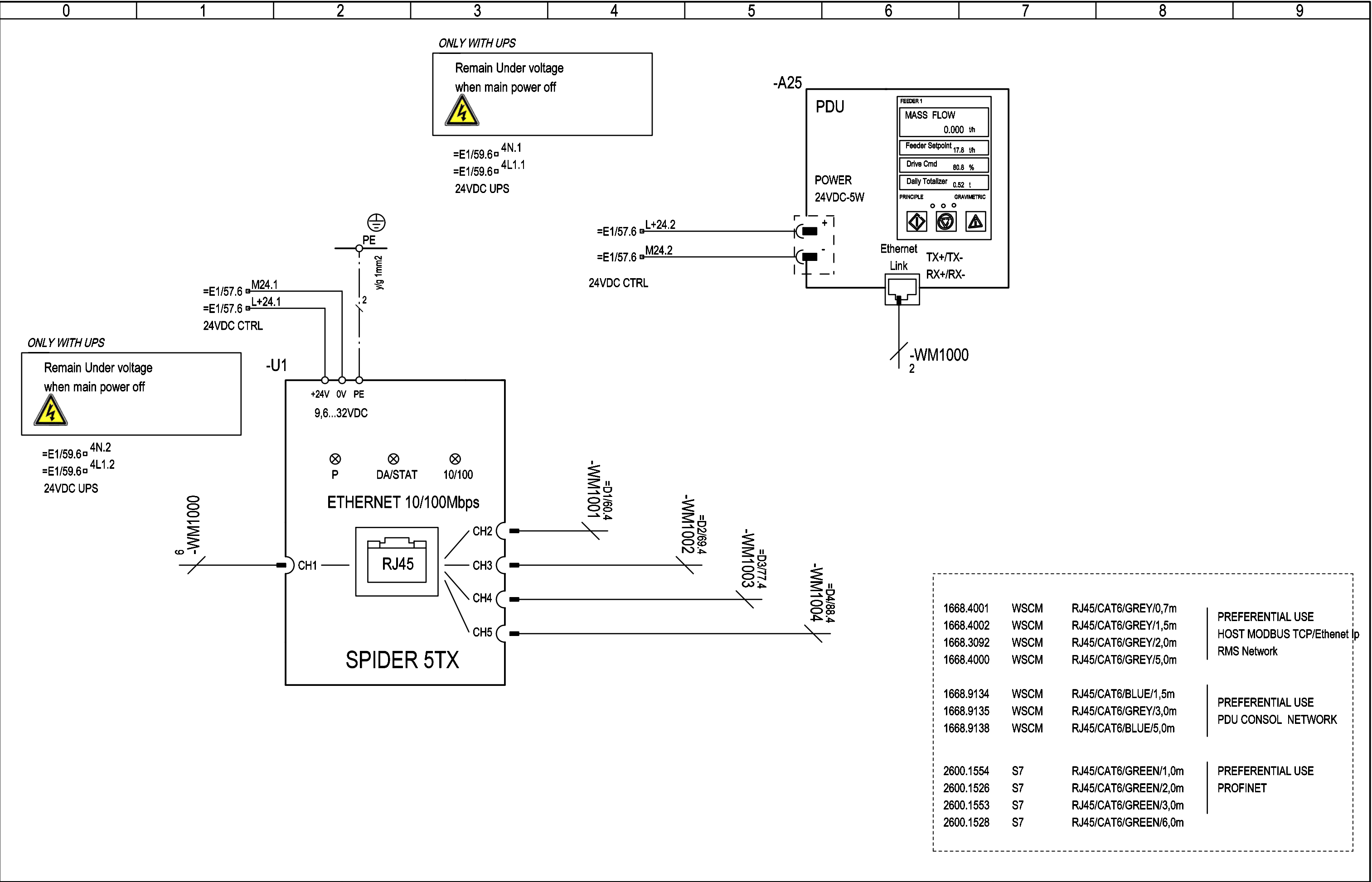
CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)  
4 Circuit diagram  
4.18 IO Interface D4 (WAGO)

ITEM :  
534-BD4

Inst.	=D4	Loc.	+51
Project no.:	Type	Incr. No	language
Rev.:			
PROB2a .001 .001 - E . a			page: 114










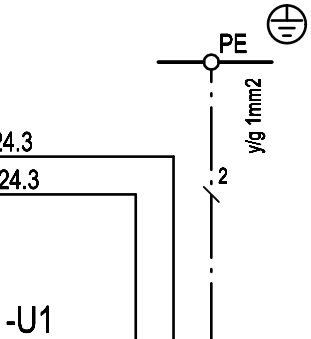
ONLY WITH UPS

Remain Under voltage  
when main power off

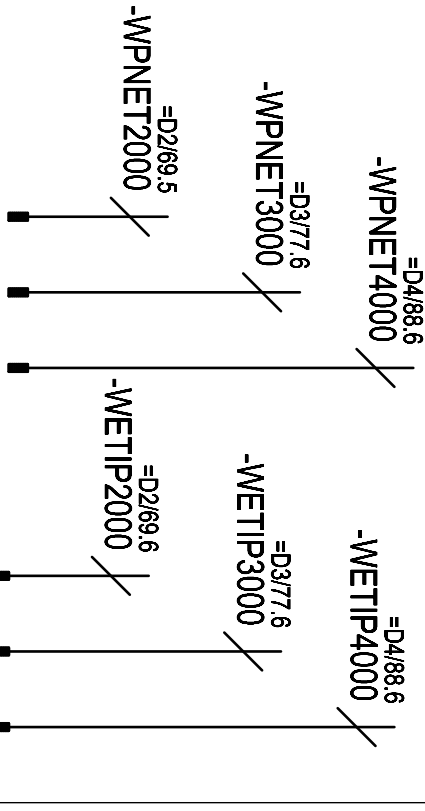
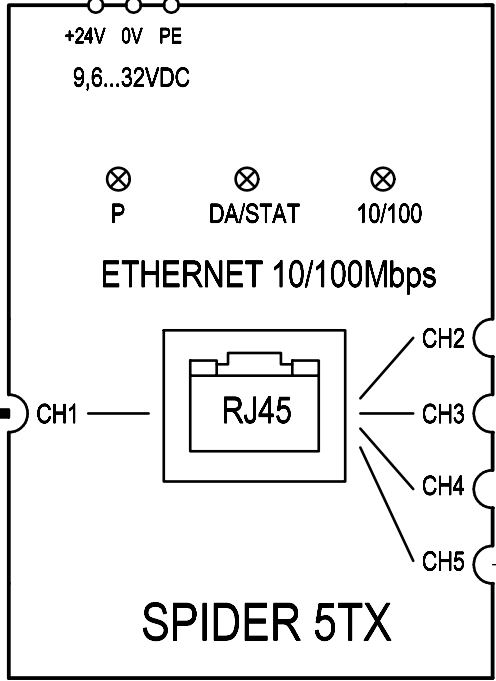


=E1/59.6 □ 4N.3  
=E1/59.6 □ 4L1.3  
24VDC UPS

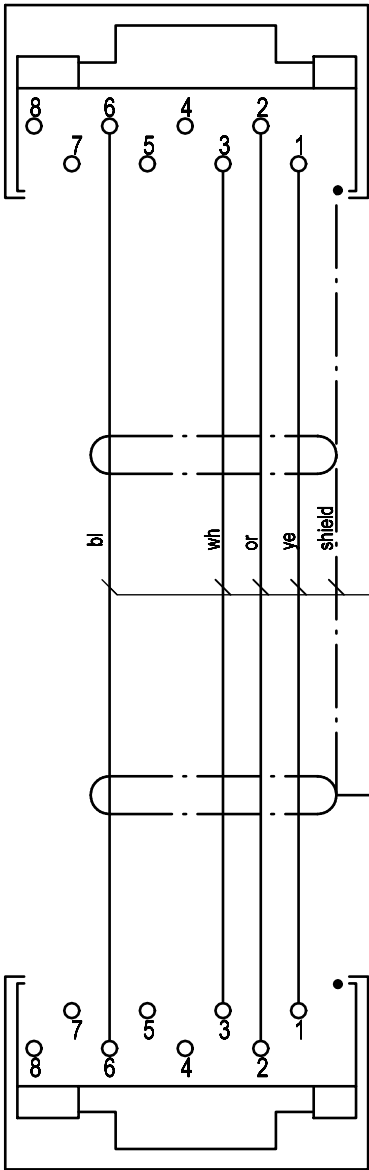
=E1/57.6 □ M24.3  
=E1/57.6 □ L+24.3  
24VDC CTRL



=D1/60.5 -WPNET1000  
=D1/60.6 -WETIP1000

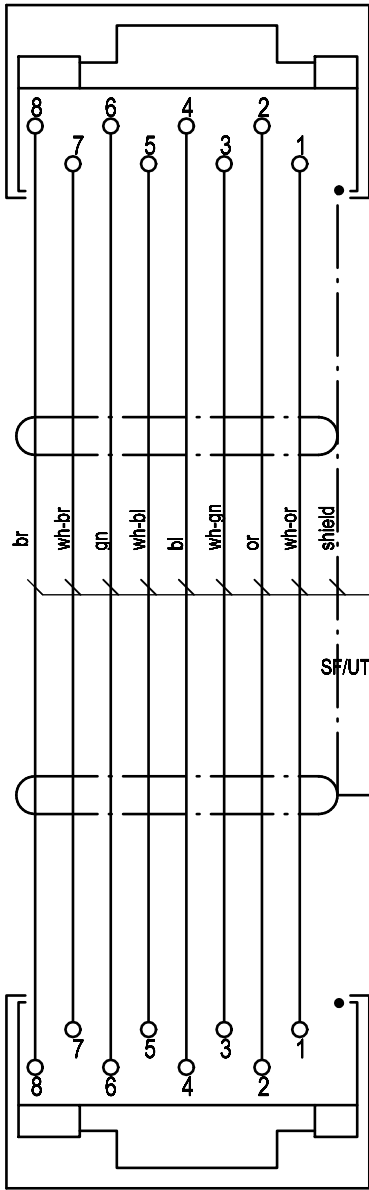


-X2  
+100



PROFINET IO EQUIPMENT

-X2.  
+100



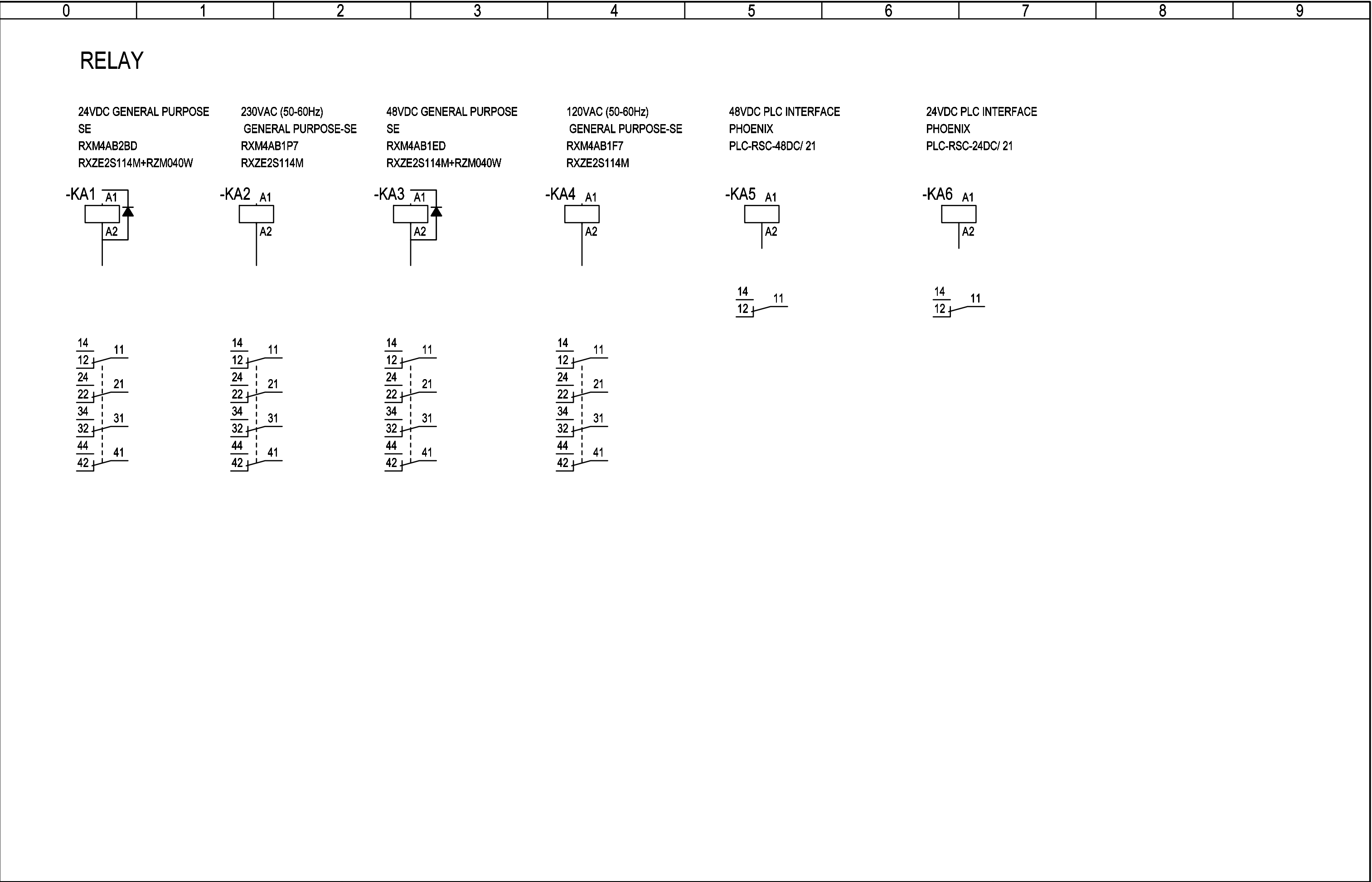
ETHERNET IP EQUIPMENT  
MODBUS TCP EQUIPMENT

-WC1001  
SF/UTP 100MHz Cat.5e 2x2xAWG22/7

-WC1002  
SF/UTP 100MHz Cat5e 4x2xAWG26/7

-X3.

-X1





MINI CIRCUIT BREAKER

IN PROGRESS

0

1

2

3

4

5

6

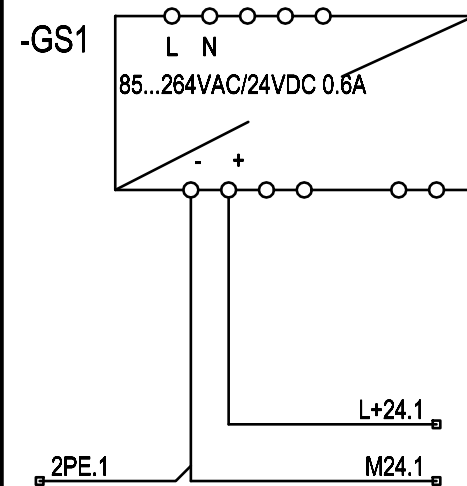
7

8

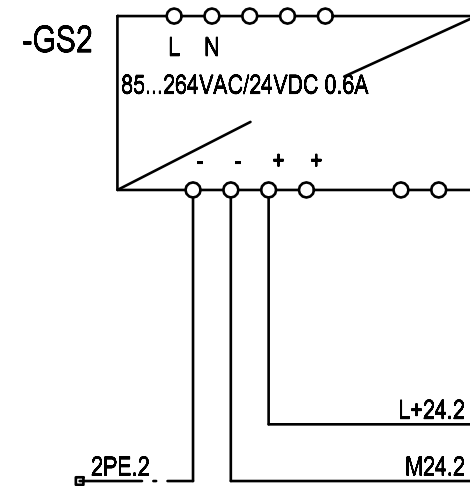
9

## POWER SUPPLY

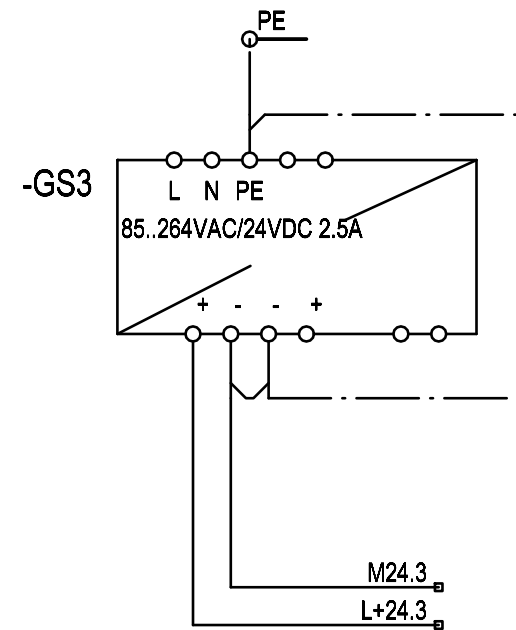
GENERAL PURPOSE  
85..264VAC/24VDC-0,6A  
SIEMENS  
6EP3330-6SB00-0AY0



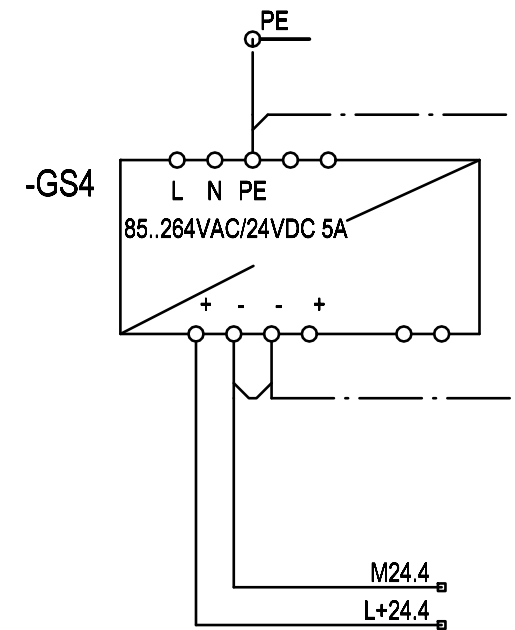
GENERAL PURPOSE  
85..264VAC/24VDC-1,3A  
SIEMENS  
6EP3331-6SB00-0AY0



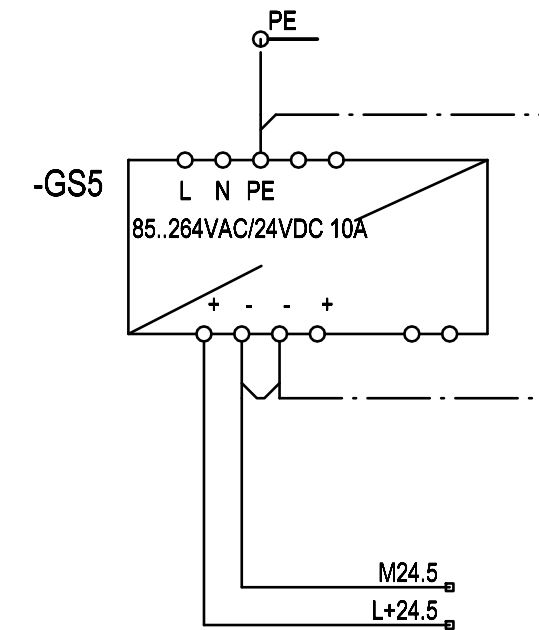
GENERAL PURPOSE  
90..264VAC/24VDC-2,5A  
WAGO  
787-712



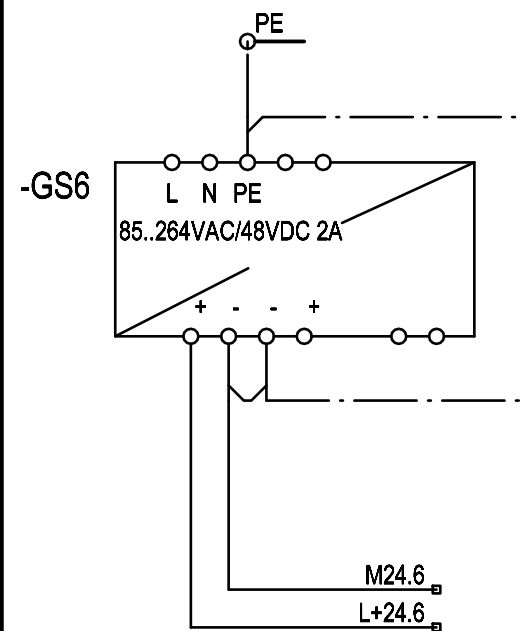
GENERAL PURPOSE  
90..264VAC/24VDC-5,0A  
WAGO  
787-722



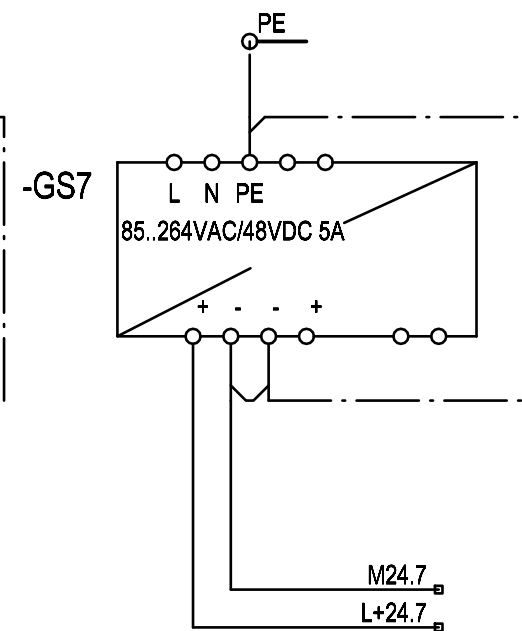
GENERAL PURPOSE  
90..264VAC/24VDC-10,0A  
WAGO  
787-732



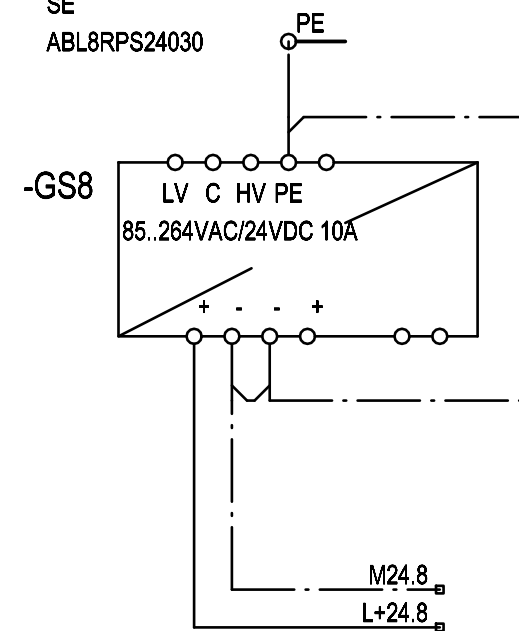
GENERAL PURPOSE  
90..264VAC/48VDC-2,'A  
WAGO  
787-1623



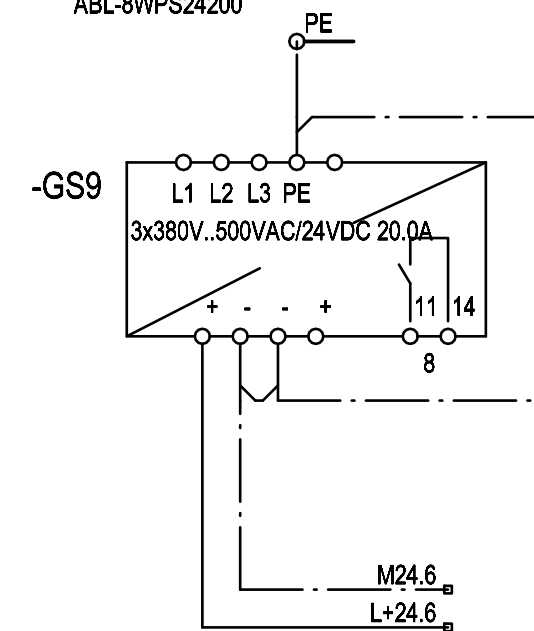
GENERAL PURPOSE  
90..264VAC/48VDC-2,'A  
WAGO  
787-633



GENERAL PURPOSE  
LV(L&N):100..120VAC  
HV200...500VAC  
24VDC-3,0A  
SE  
ABL8RPS24030



GENERAL PURPOSE  
380..500VAC  
24VDC-20,0A  
SE  
ABL-8WPS24200



EDITABLE TEXT1  
EDITABLE TEXT2

-GS9  
7 11  
14



HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France

CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)

4 Circuit diagram

4.21 Preferential component

ITEM :

Inst. =zzzzz

Loc.

Project no.:

Type

Incr. No

language

Rev.:

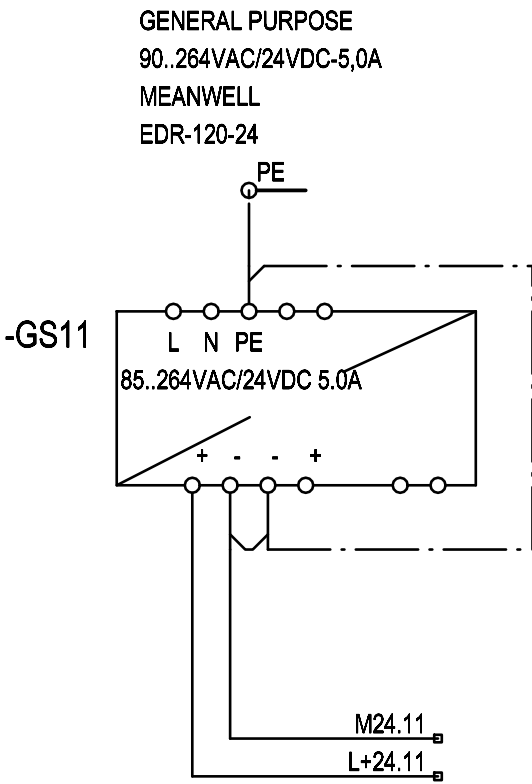
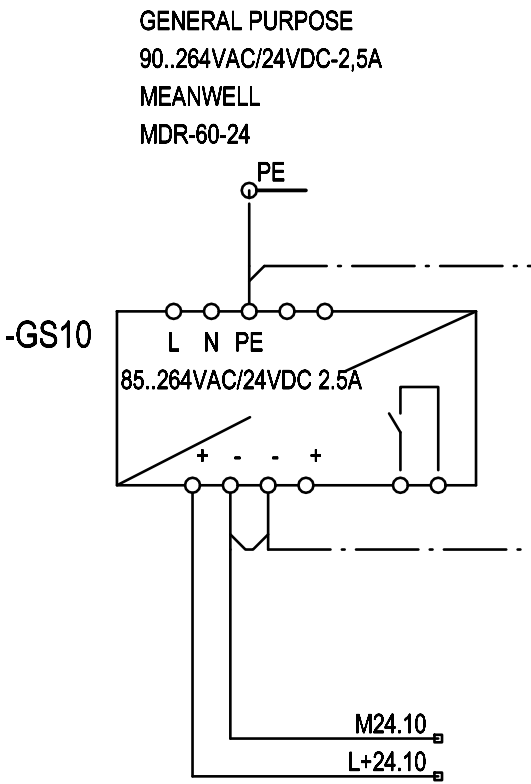
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PROB2a.001.001 - E . a

222

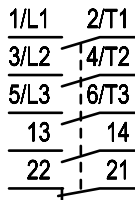
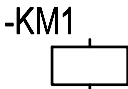
POWER SUPPLY

CHINEESE MANUFACTURING

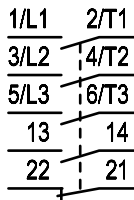
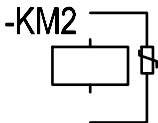


CONTACTOR

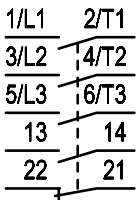
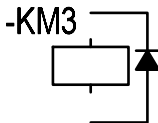
GENERAL PURPOSE  
3P - AC-3 440V-9A  
230VAC(50-60)  
SE LC1D09P7



GENERAL PURPOSE  
3P- AC-3 440V-9A  
230VAC(50-60)  
SE LC1D09P7  
RC:LAD4RCU( D09.38A)



GENERAL PURPOSE  
3P - AC-3 440V-9A  
24VDC  
SE LC1-D09BD

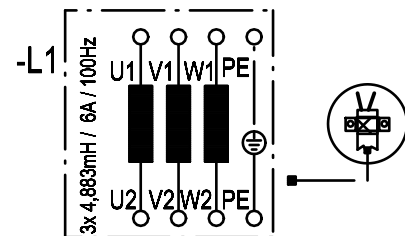


9A / LC1D09P7  
18A / LC1D09P7  
25A / LC1D09P7  
32A / LC1D09P7  
40A / LC1D09P7  
50A / LC1D09P7  
63A / LC1D09P7  
80A / LC1D09P7

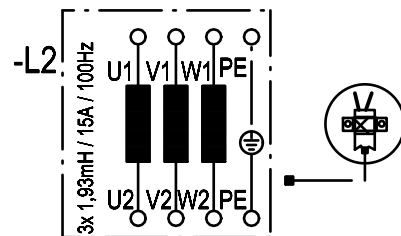
IN PROGRESS

## SELF AND LINE REACTOR

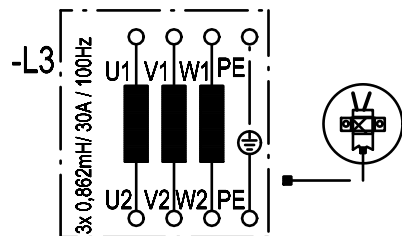
GENERAL PURPOSE  
0..2,2KW/100Hz  
HABERMANN



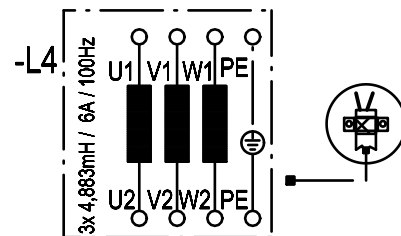
GENERAL PURPOSE  
3..7,5KW/100Hz  
HABERMANN



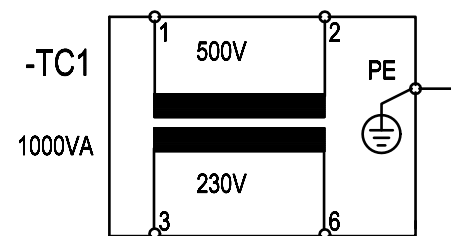
GENERAL PURPOSE  
9..15,0KW/100Hz  
HABERMANN



CHINEESE MANUFACTURING  
GENERAL PURPOSE  
0..2,2KW/100Hz  
HABERMANN



PANELVX (4XFDR + AUX  
-> 1KVA (STD)  
CUBICLE AX(1XFDR + AUX  
-> 700VA (STD)  
EUROPE MANUFAC  
HABERMAN



Up [ V ] Bridge

	200	1-39 /2-31
	208	1-38 /2-32
	230	1-37 /2-33
	346	31-40
	380	33-40
	400	31-39
	420	32-38

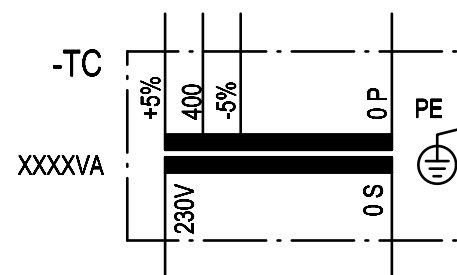
Up [ V ] Bridge

	440	32-37
	460	33-37
	480	34-37
X	500	35-37
	530	32-36
	550	33-36
	575	34-36
	600	35-36

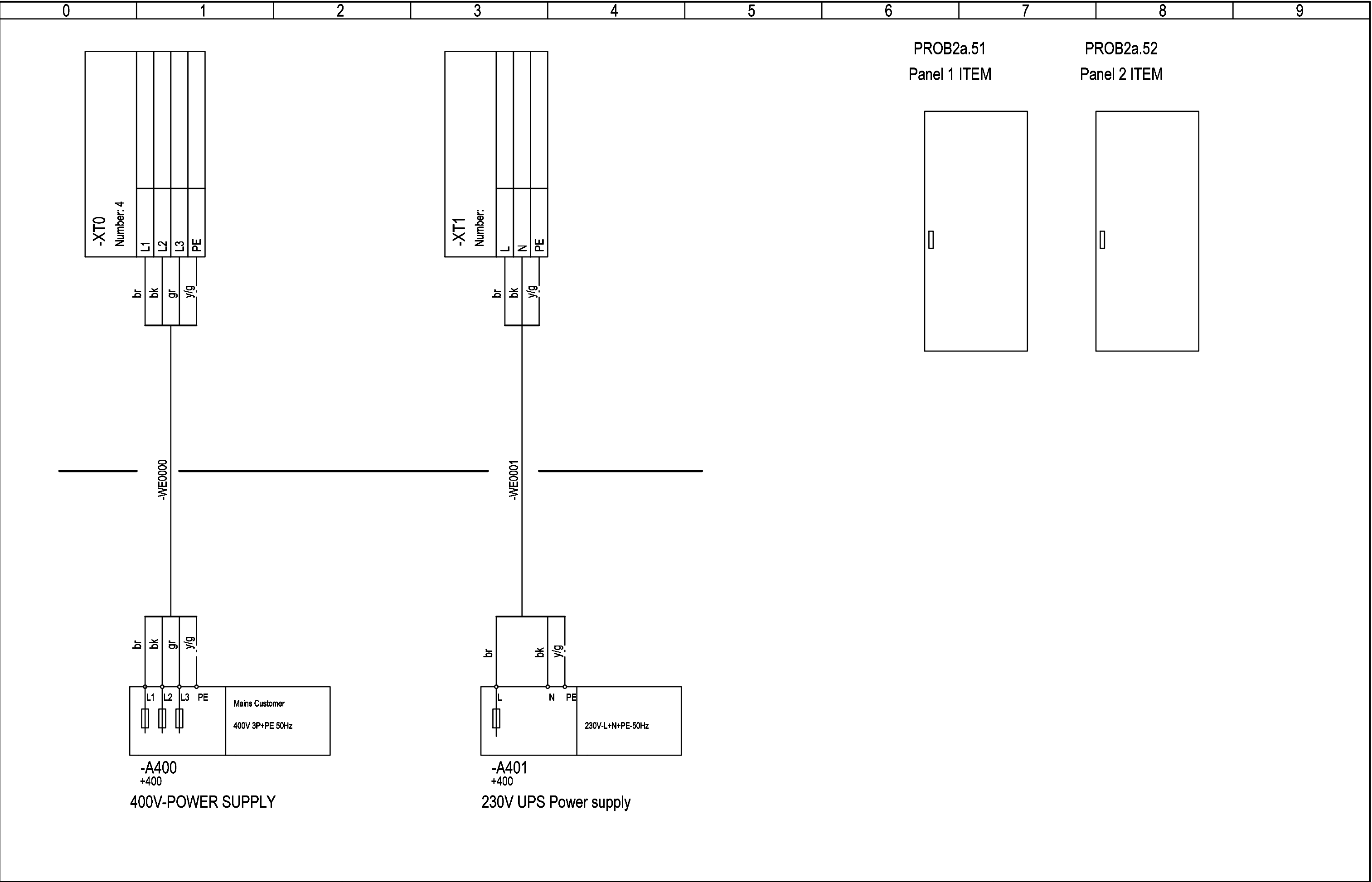
Us [ V ] Bridge

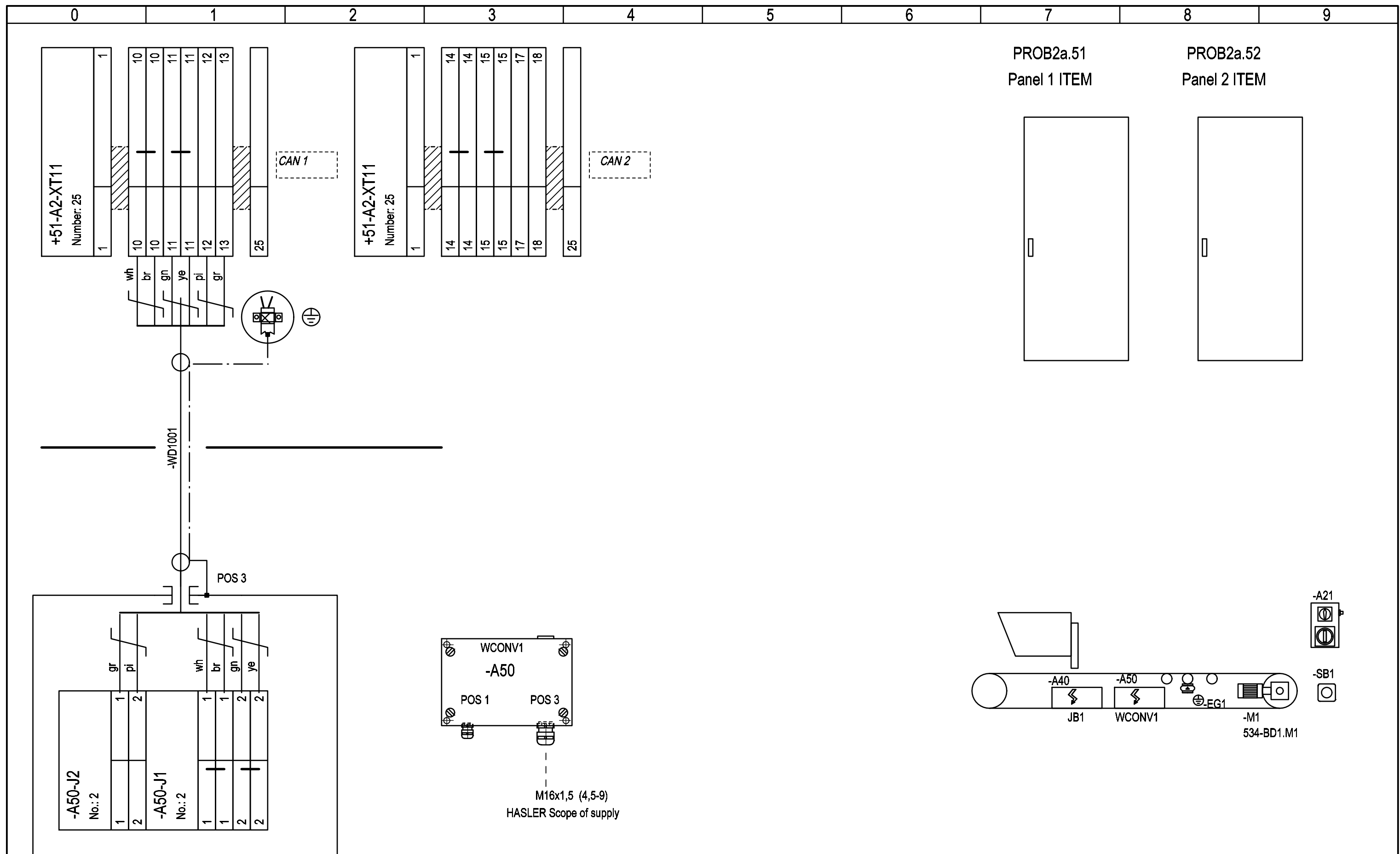
	115	4-3 /5-6
X	230	4-5

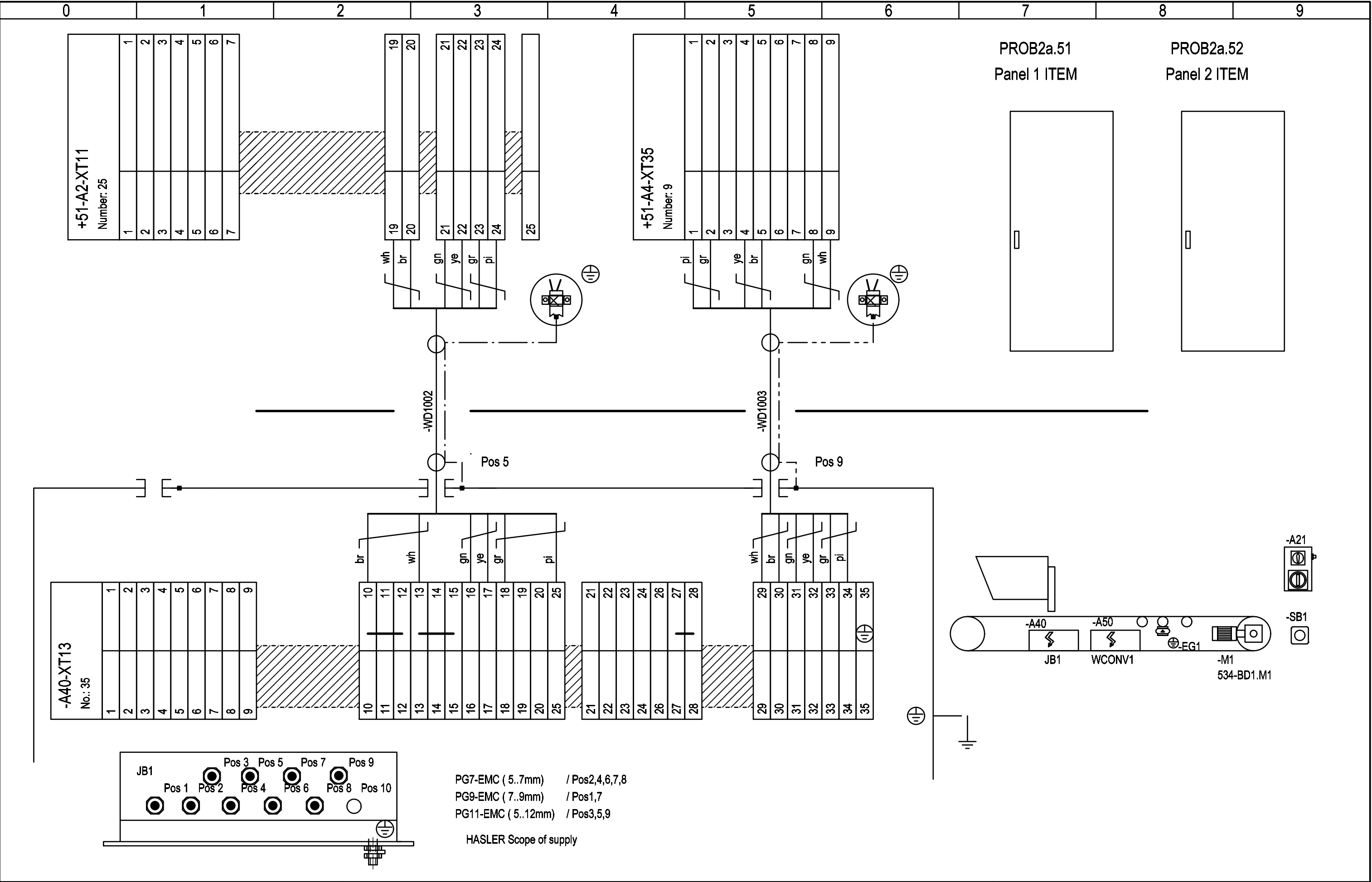
CHINA MANUFAC / LEIPOLE JB KJ5  
PART TO DEFINE FOR EACH PROJECT

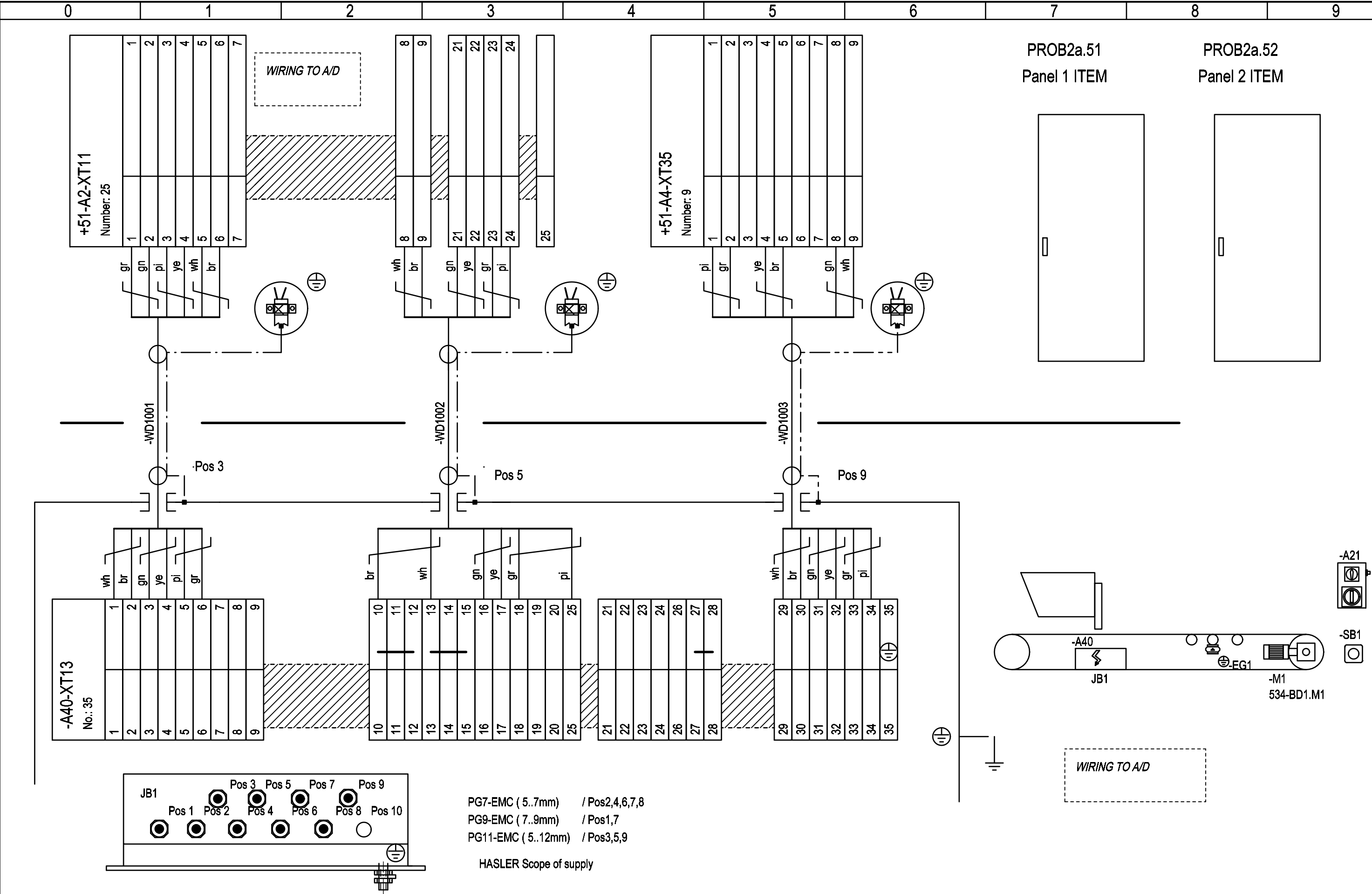


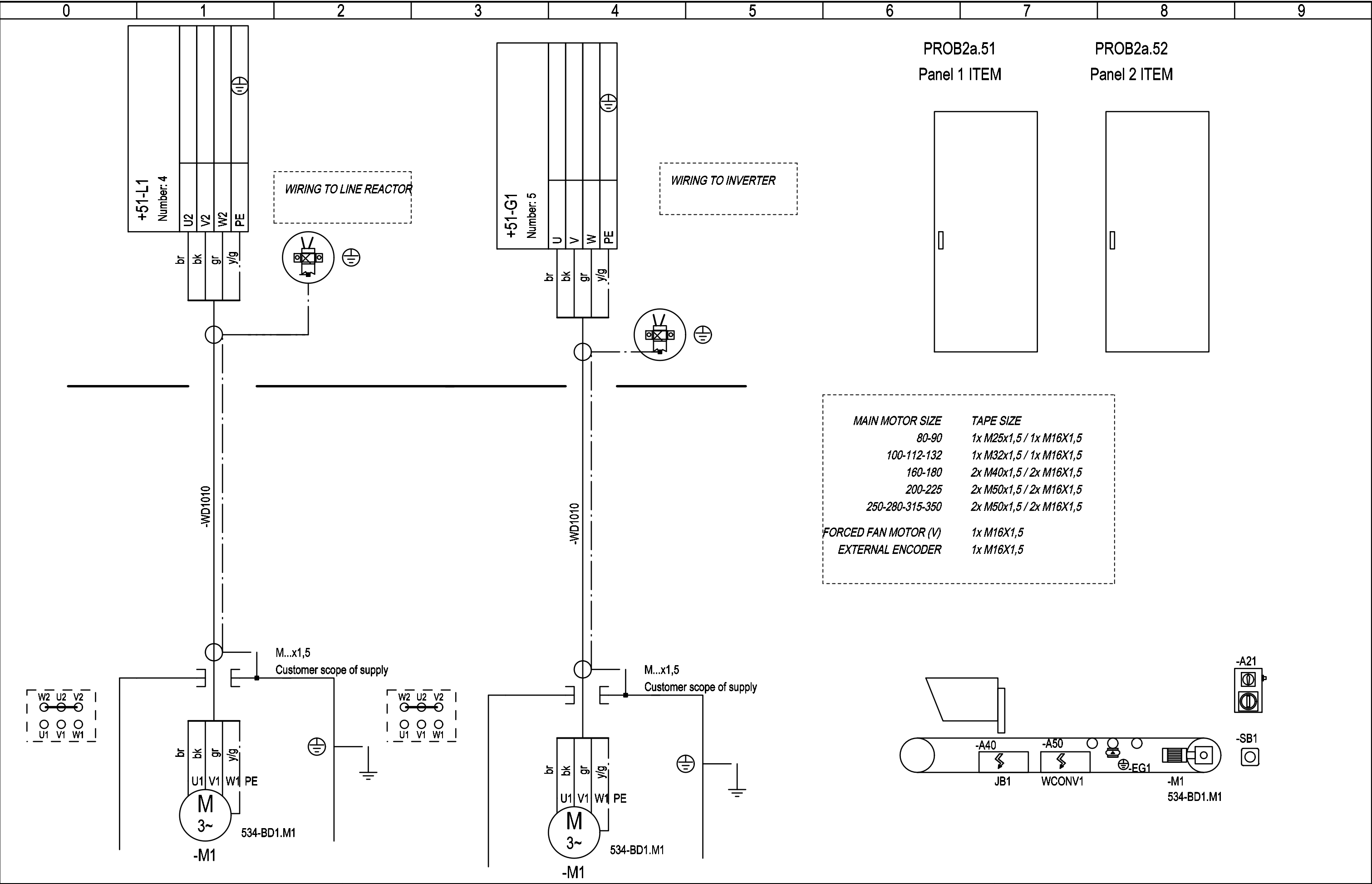






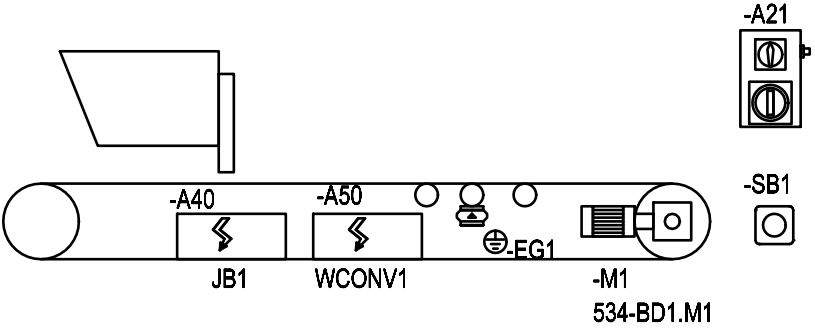


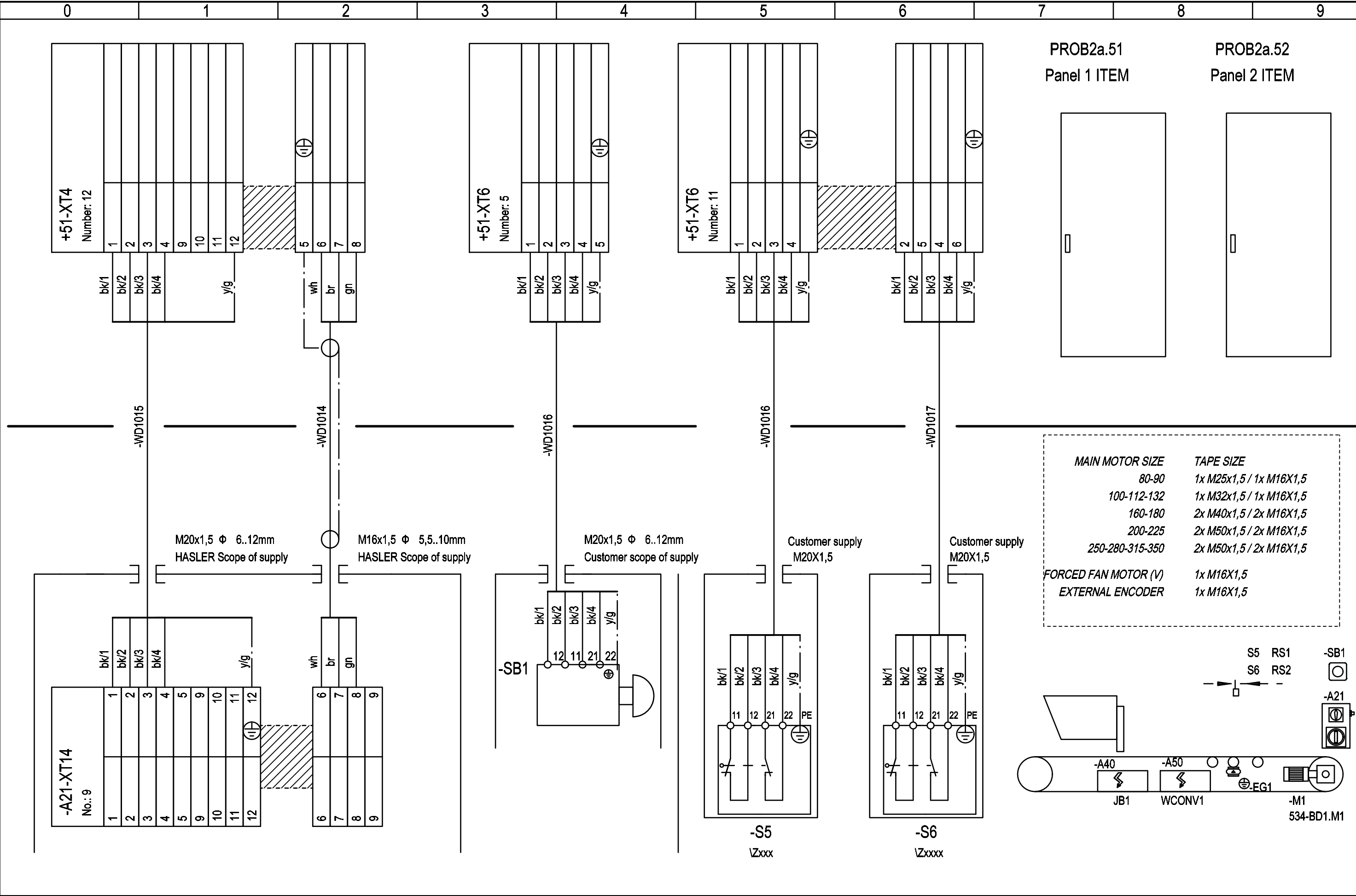




PROB2a.51  
Panel 1 ITEM

PROB2a.52  
Panel 2 ITEM

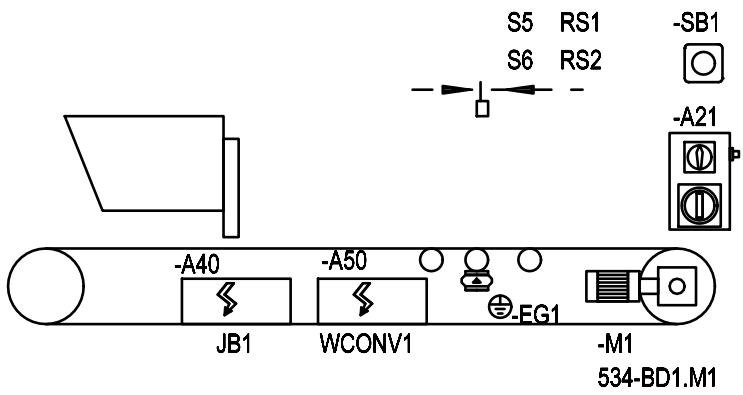


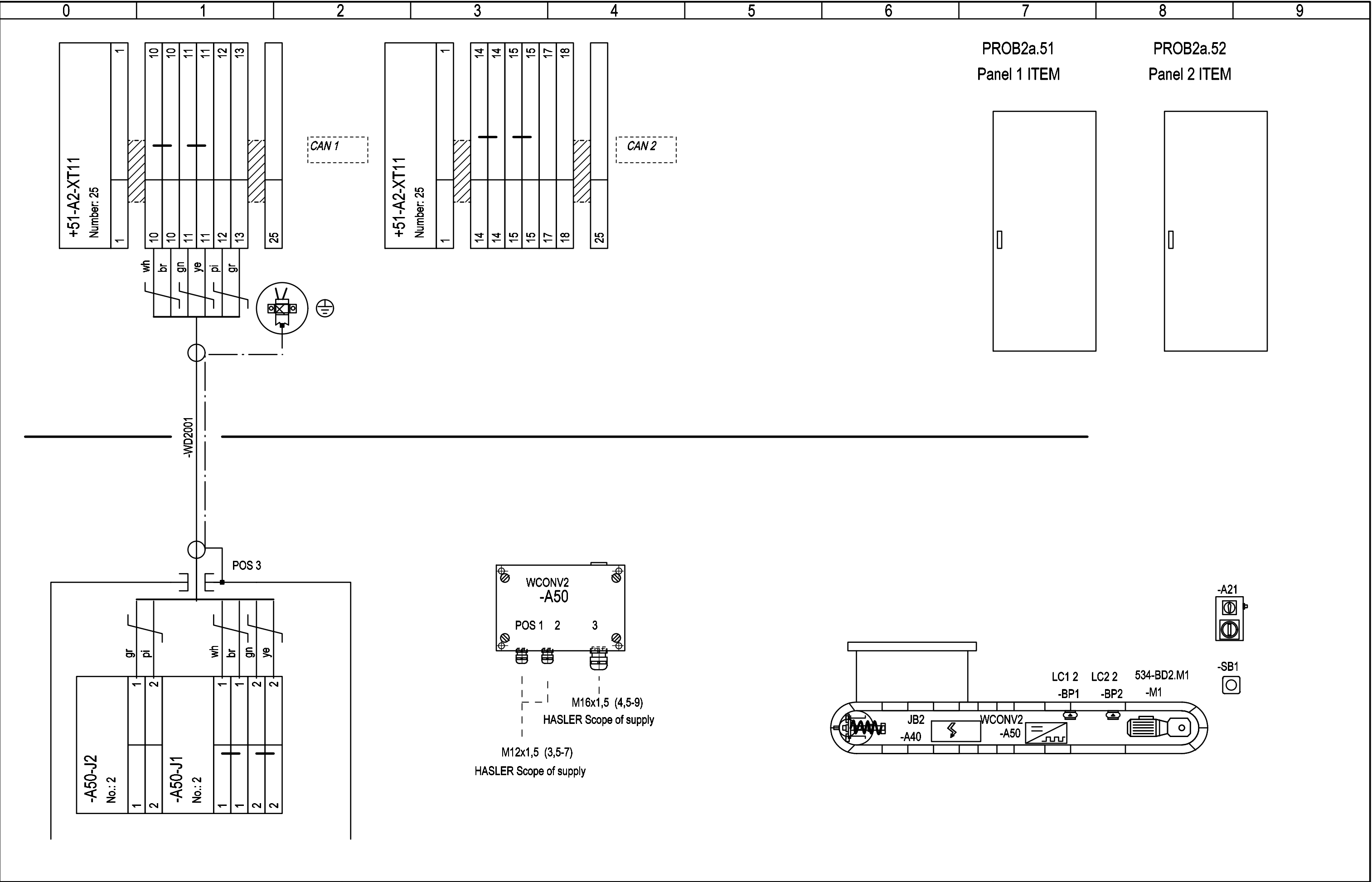


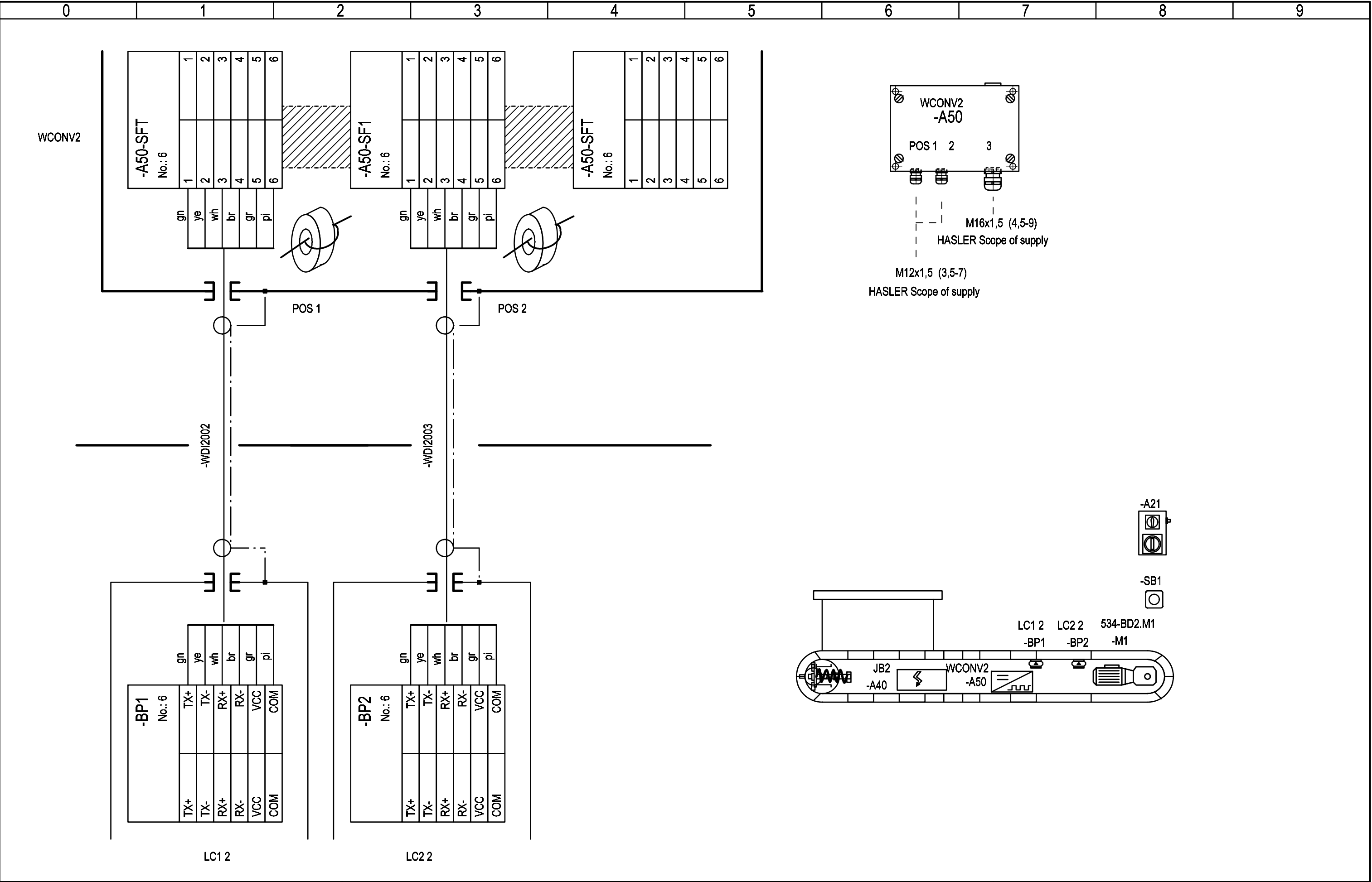
PROB2a.51  
Panel 1 ITEM

PROB2a.52  
Panel 2 ITEM

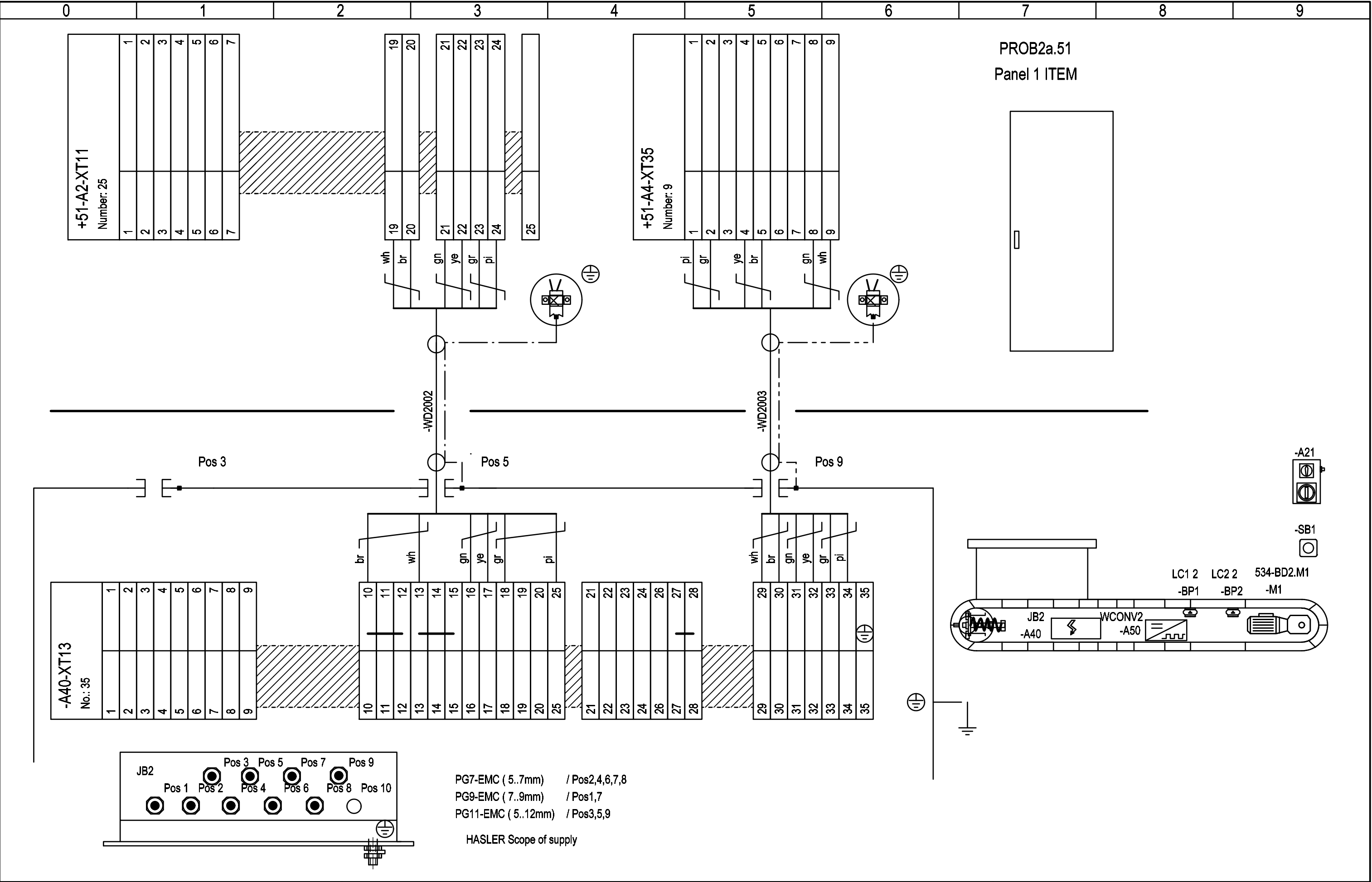
MAIN MOTOR SIZE	TAPE SIZE
80-90	1x M25x1,5 / 1x M16X1,5
100-112-132	1x M32x1,5 / 1x M16X1,5
160-180	2x M40x1,5 / 2x M16X1,5
200-225	2x M50x1,5 / 2x M16X1,5
250-280-315-350	2x M50x1,5 / 2x M16X1,5
FORCED FAN MOTOR (V)	1x M16X1,5
EXTERNAL ENCODER	1x M16X1,5

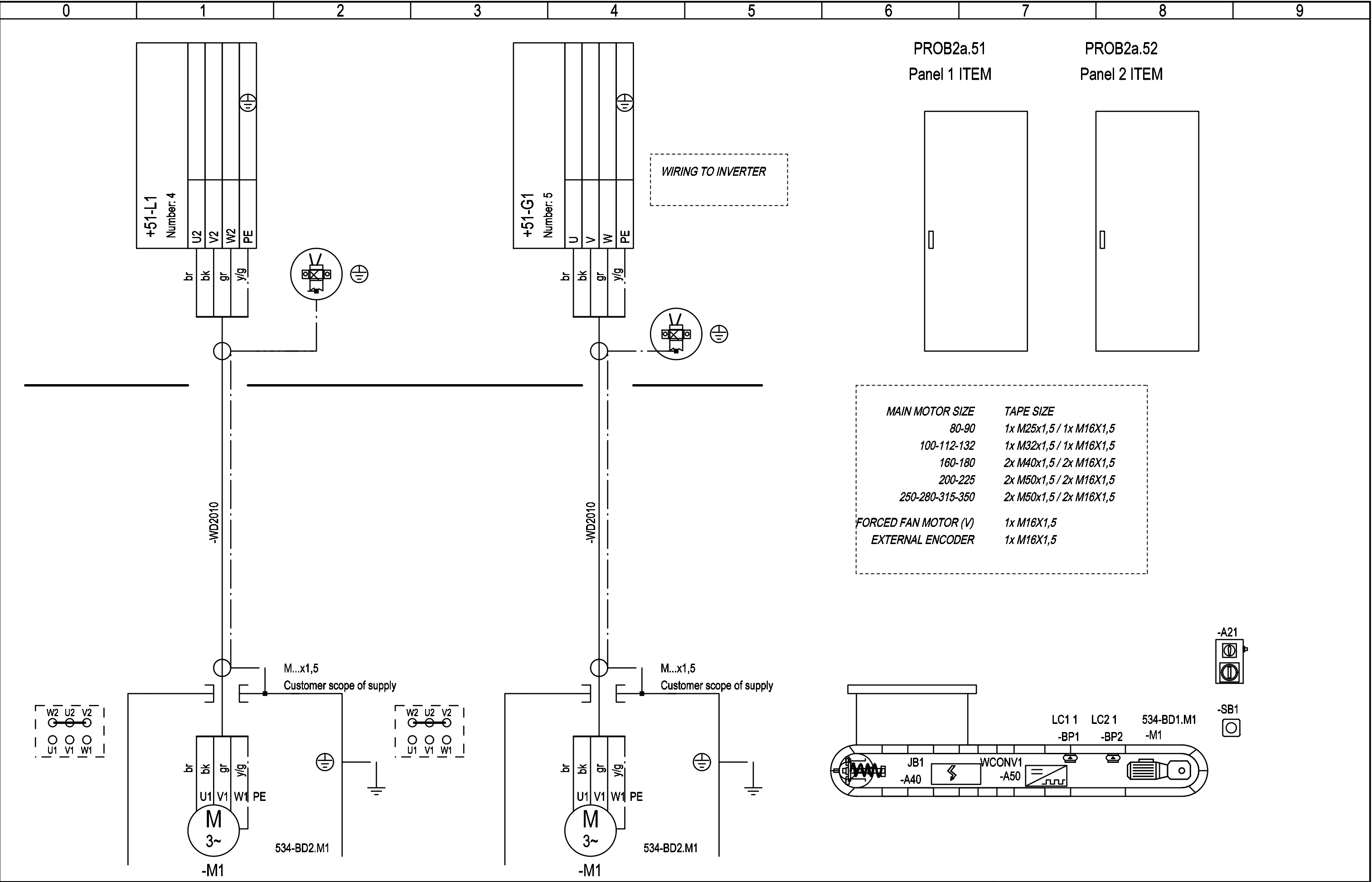


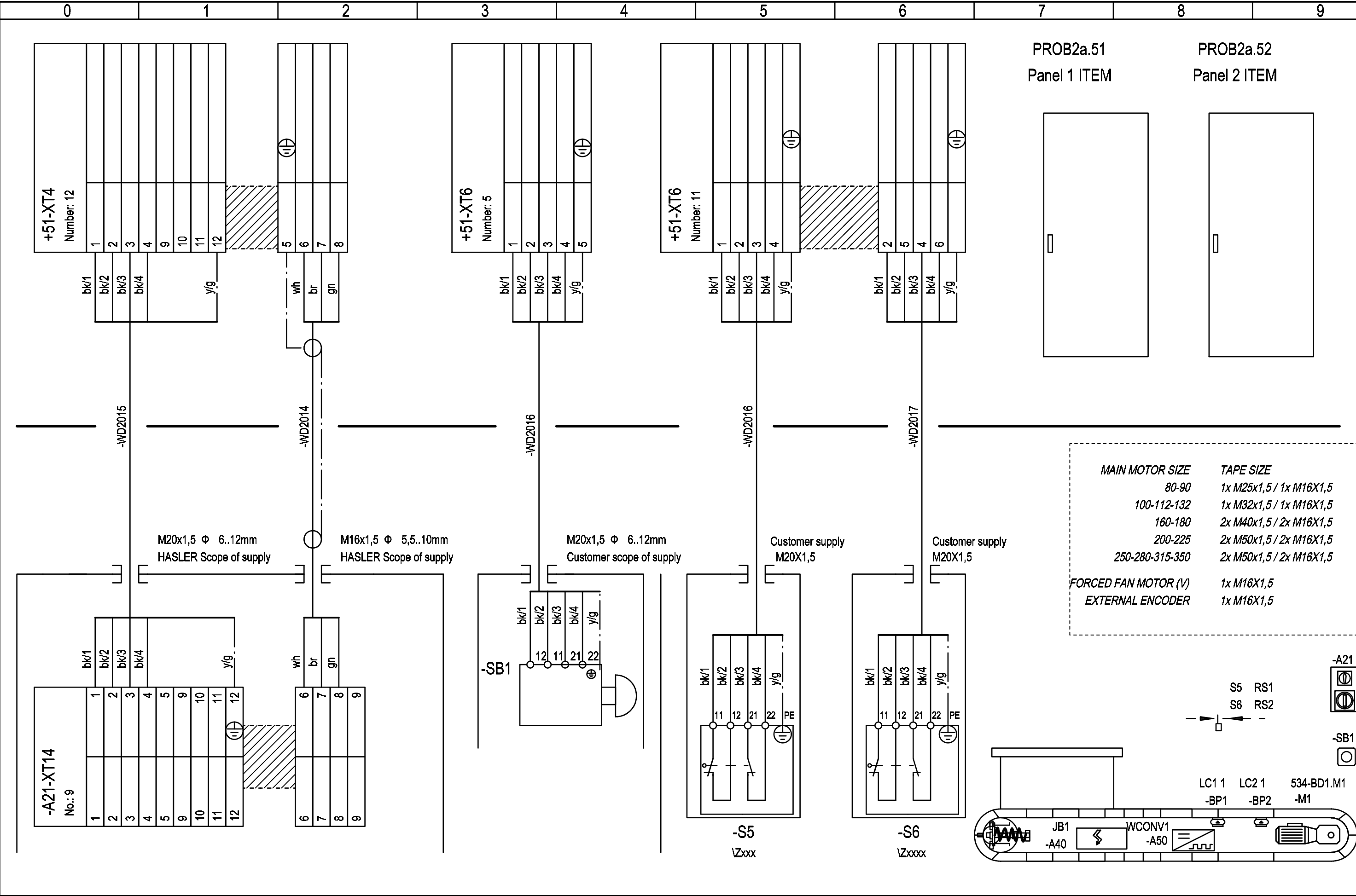


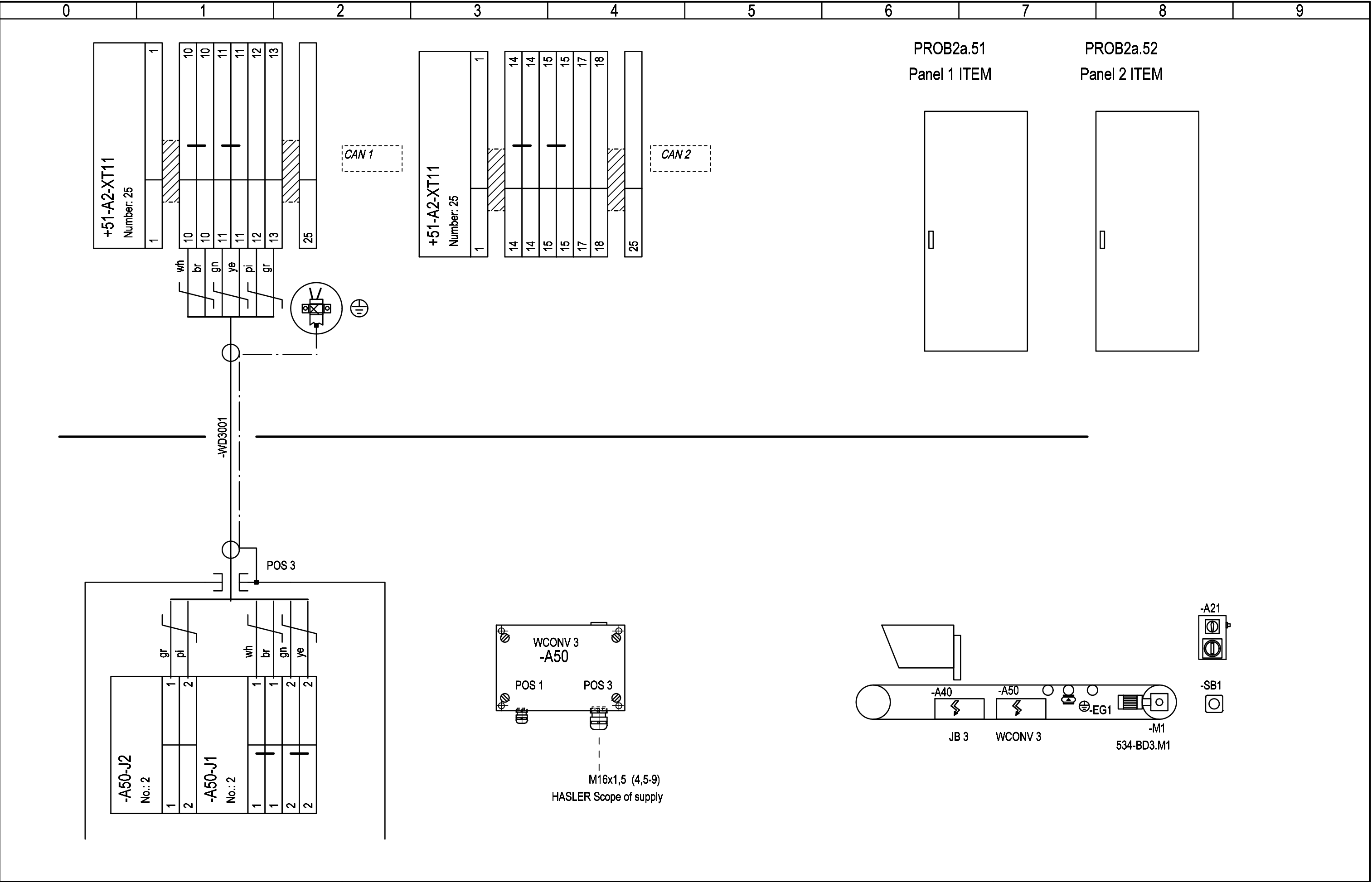


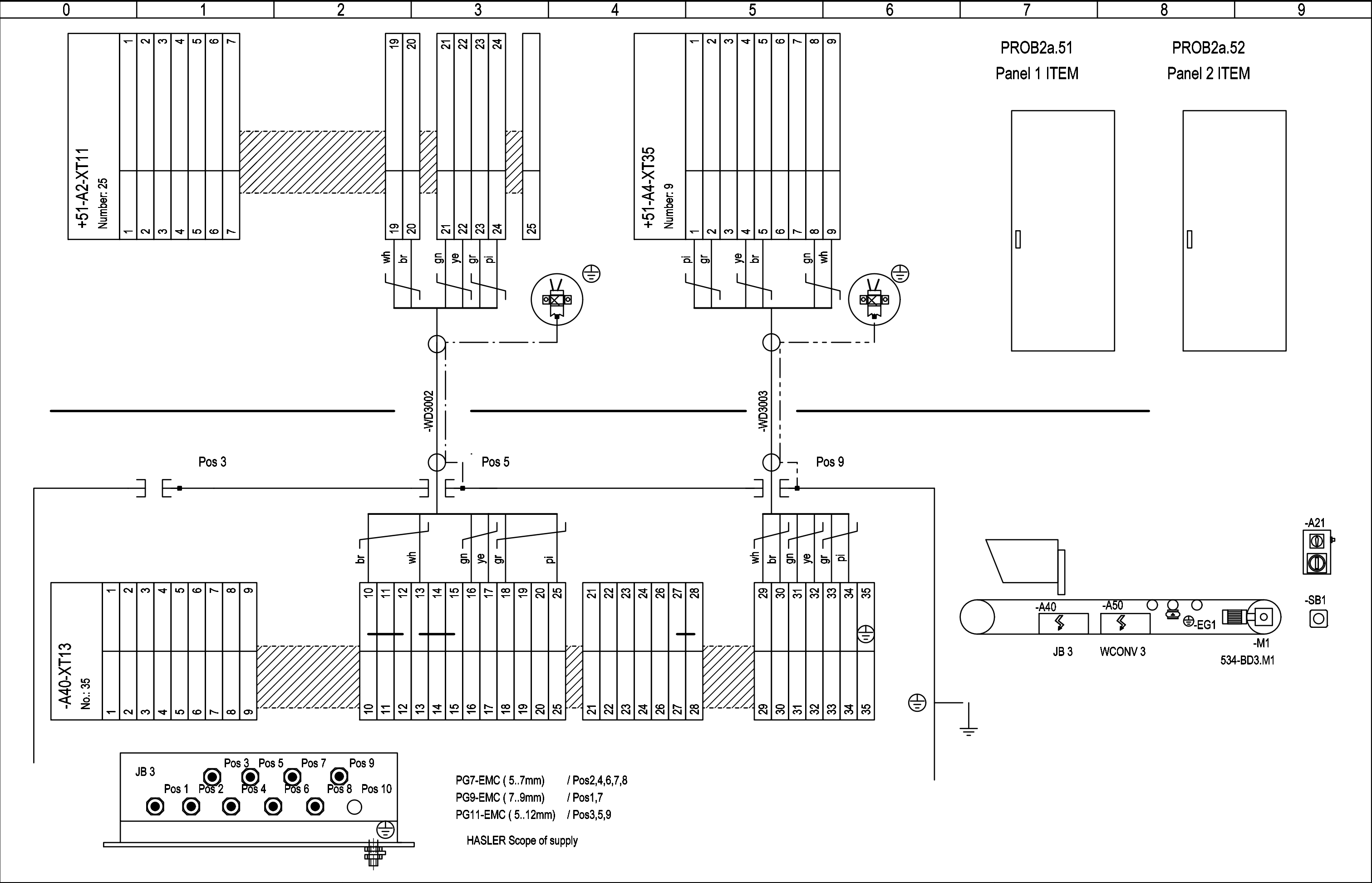


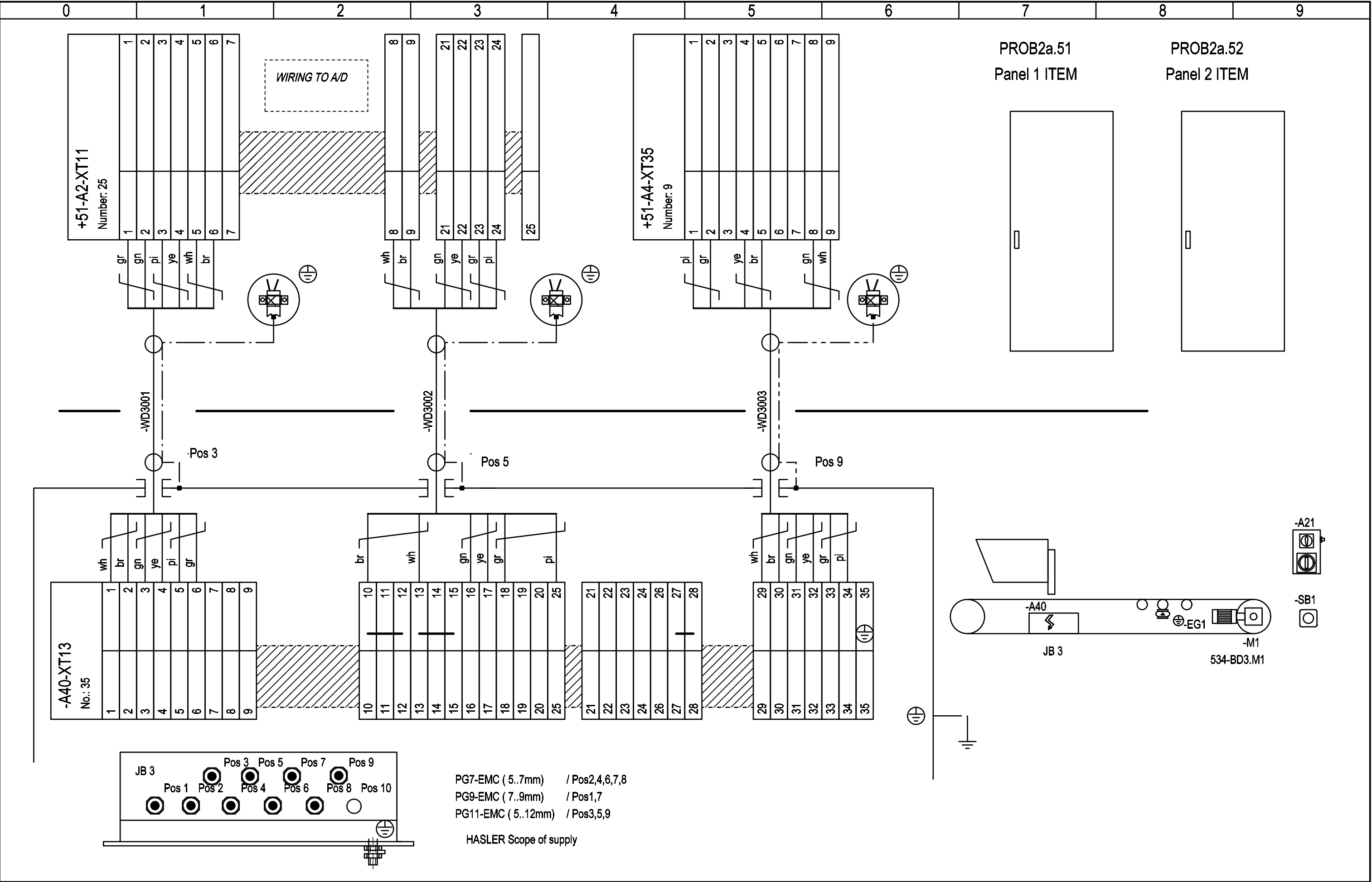








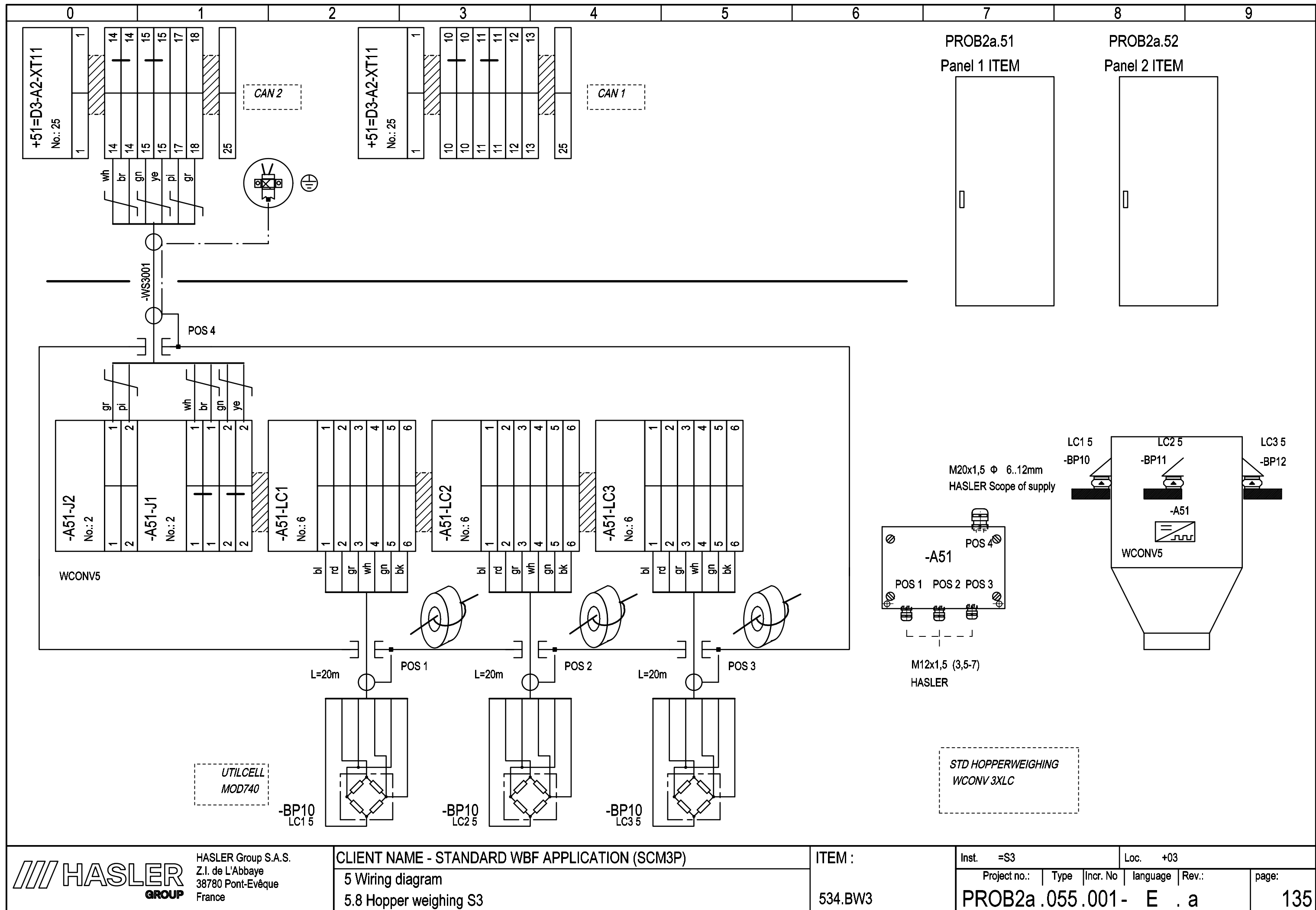


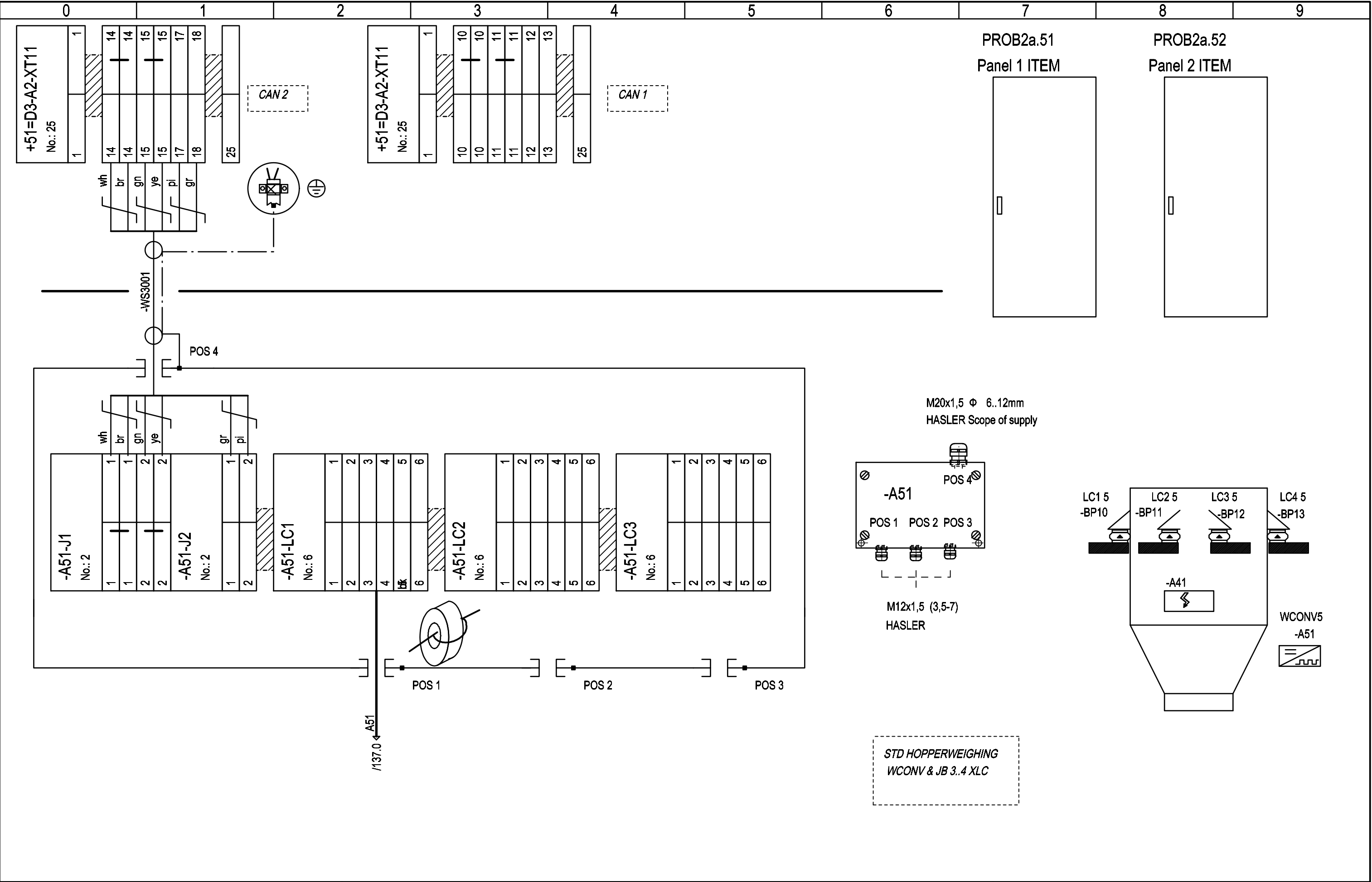


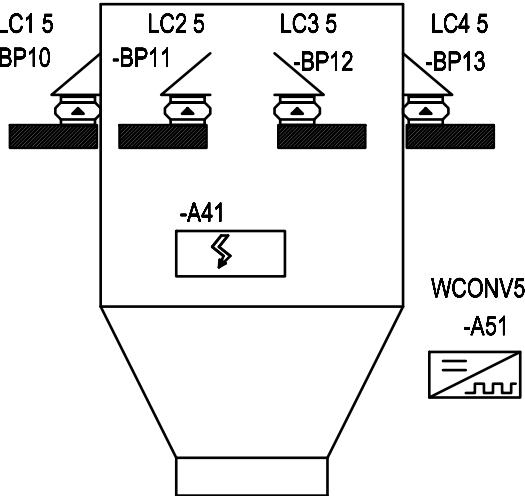
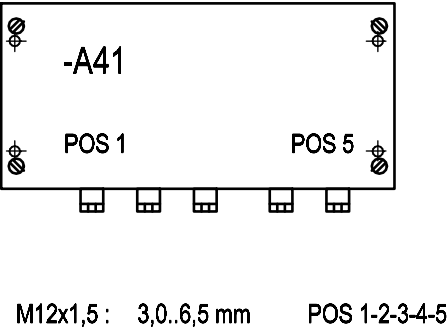
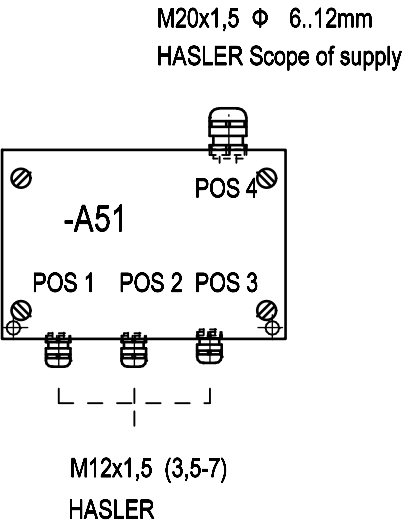
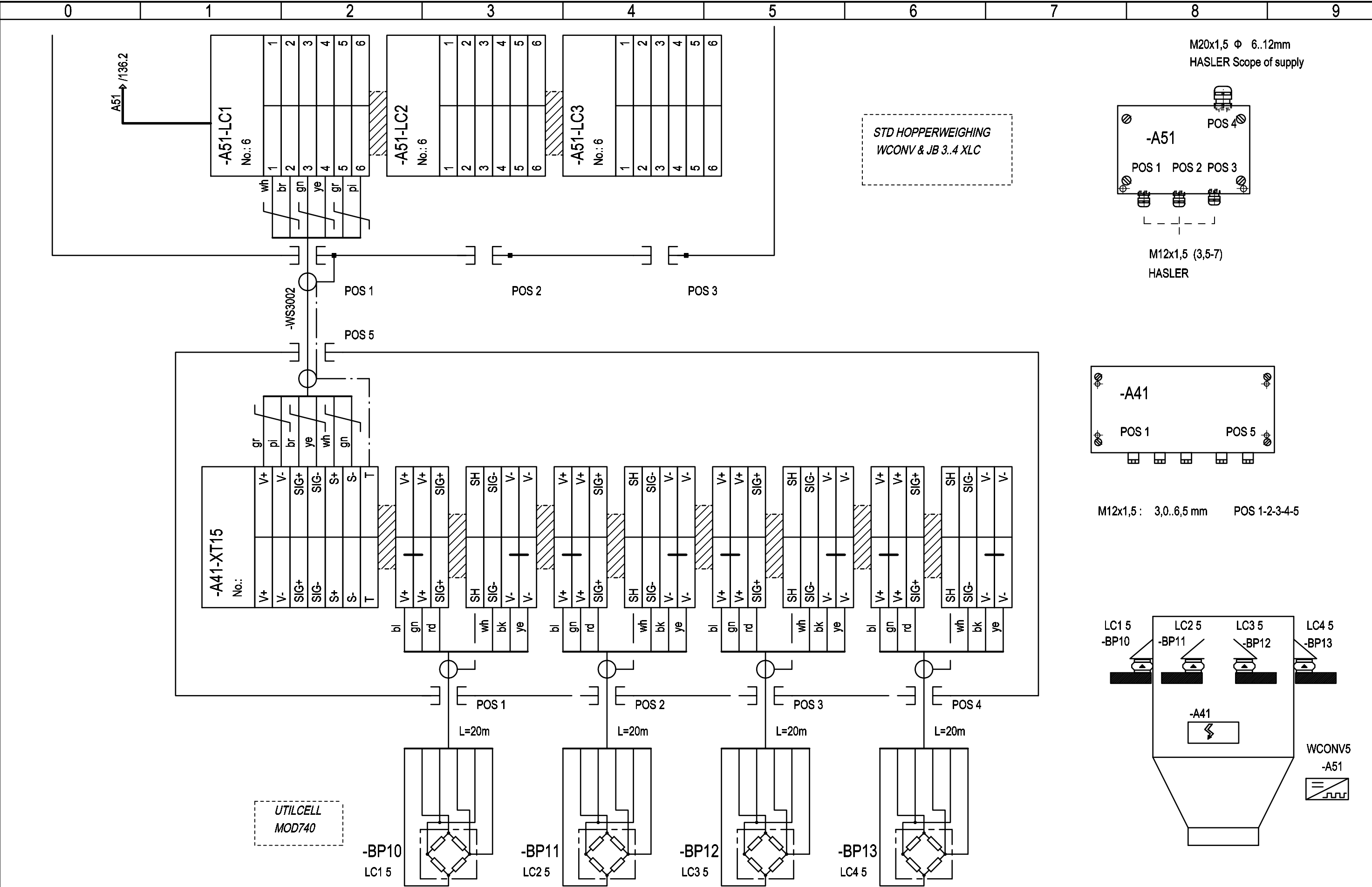


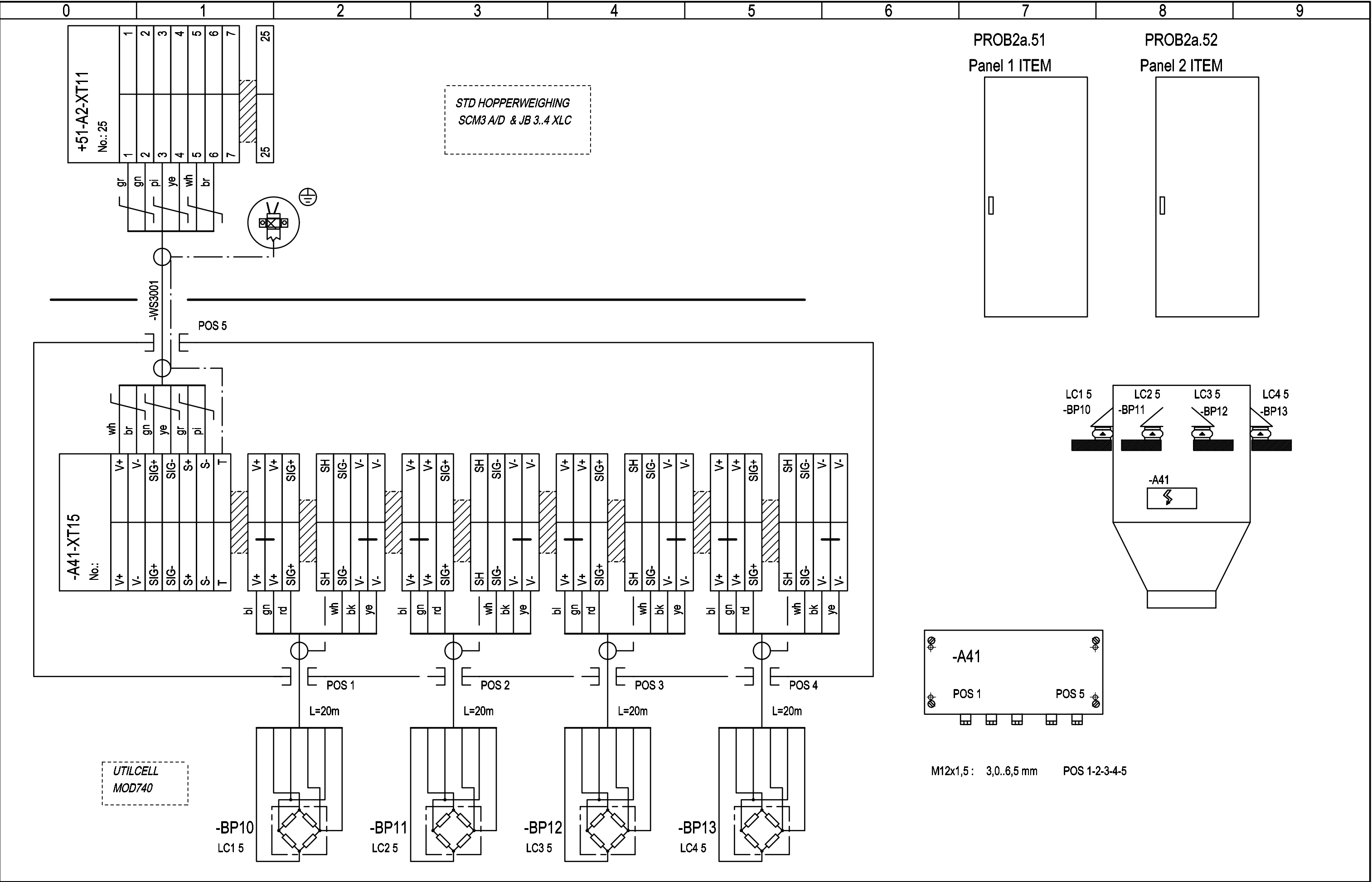






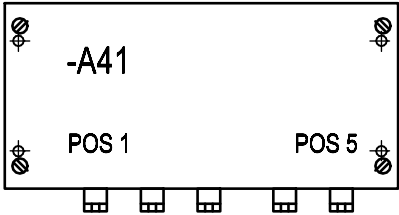
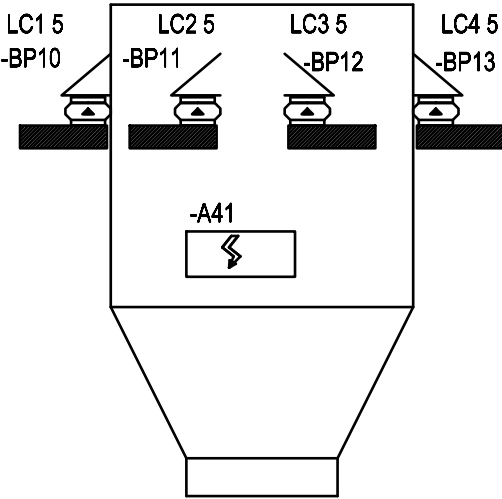
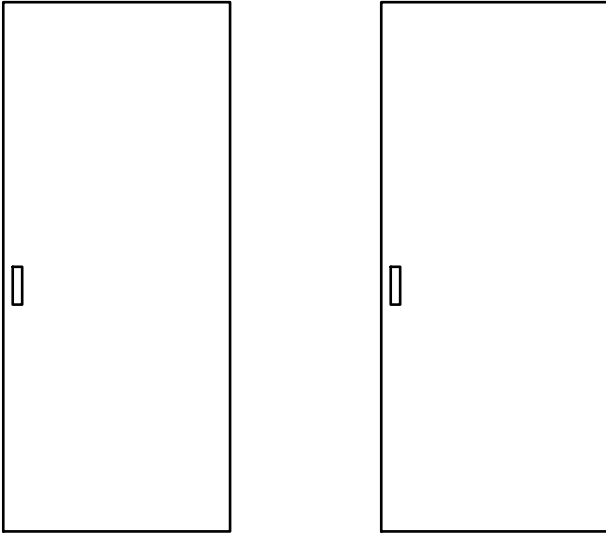




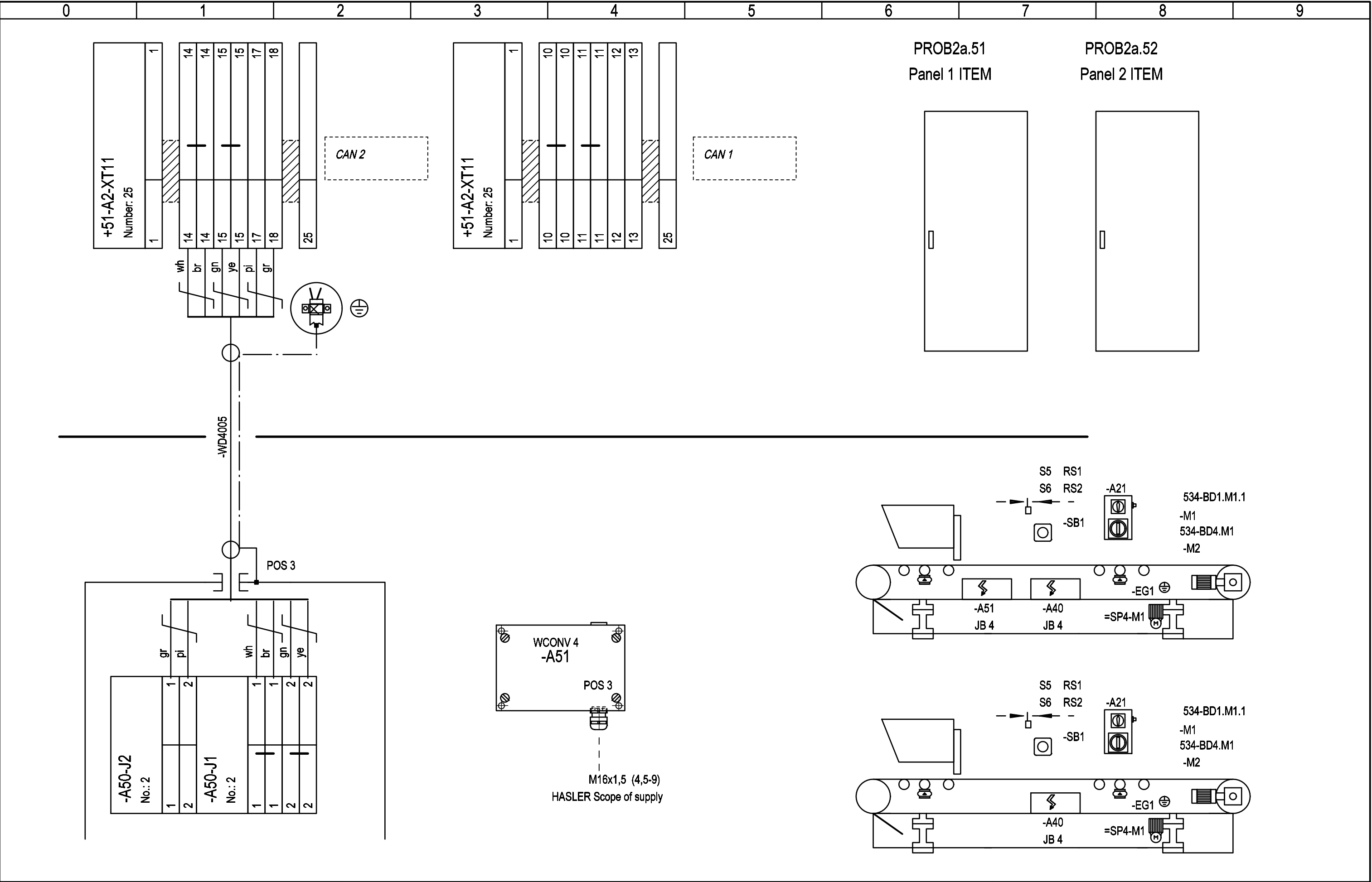


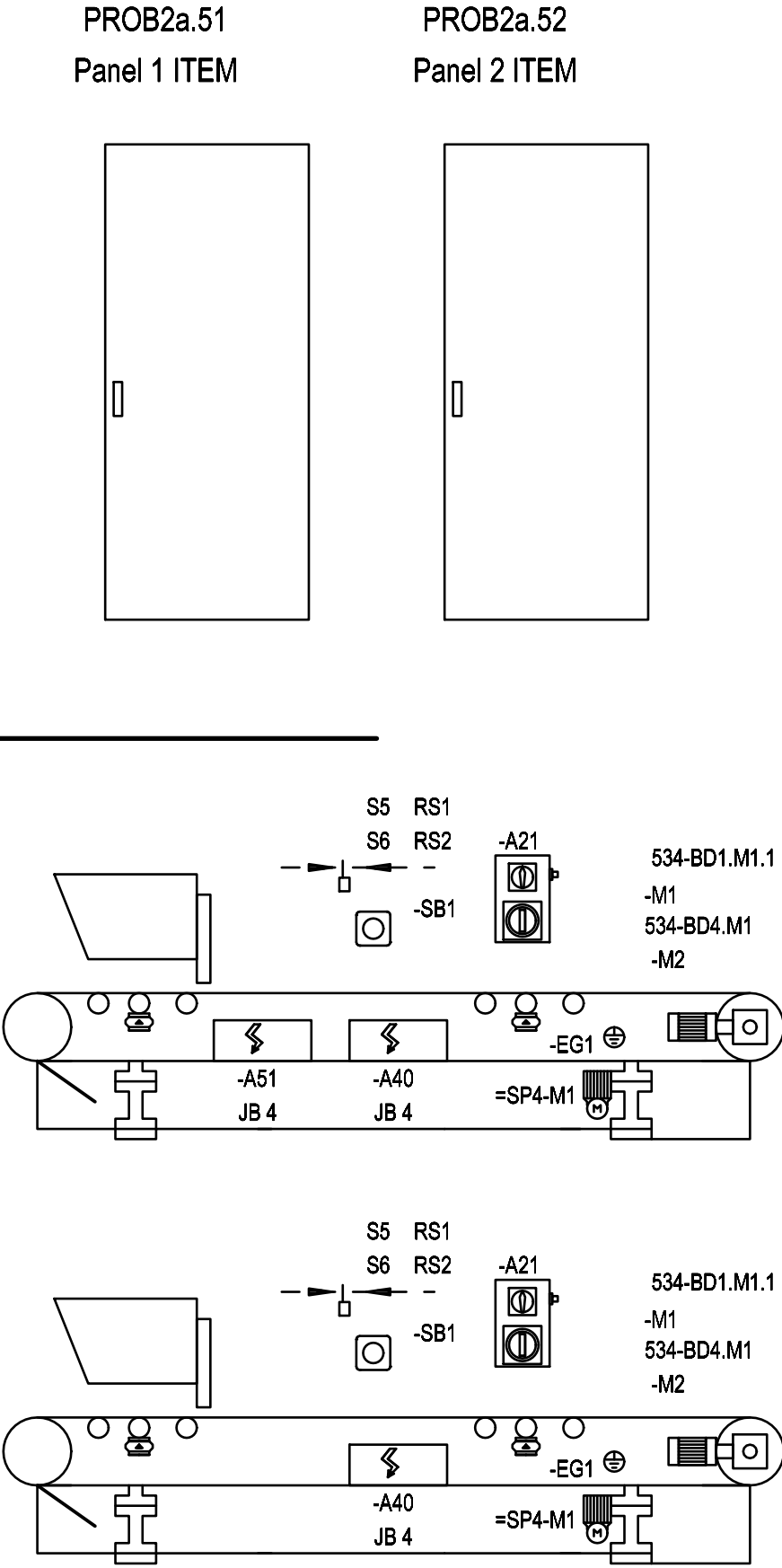
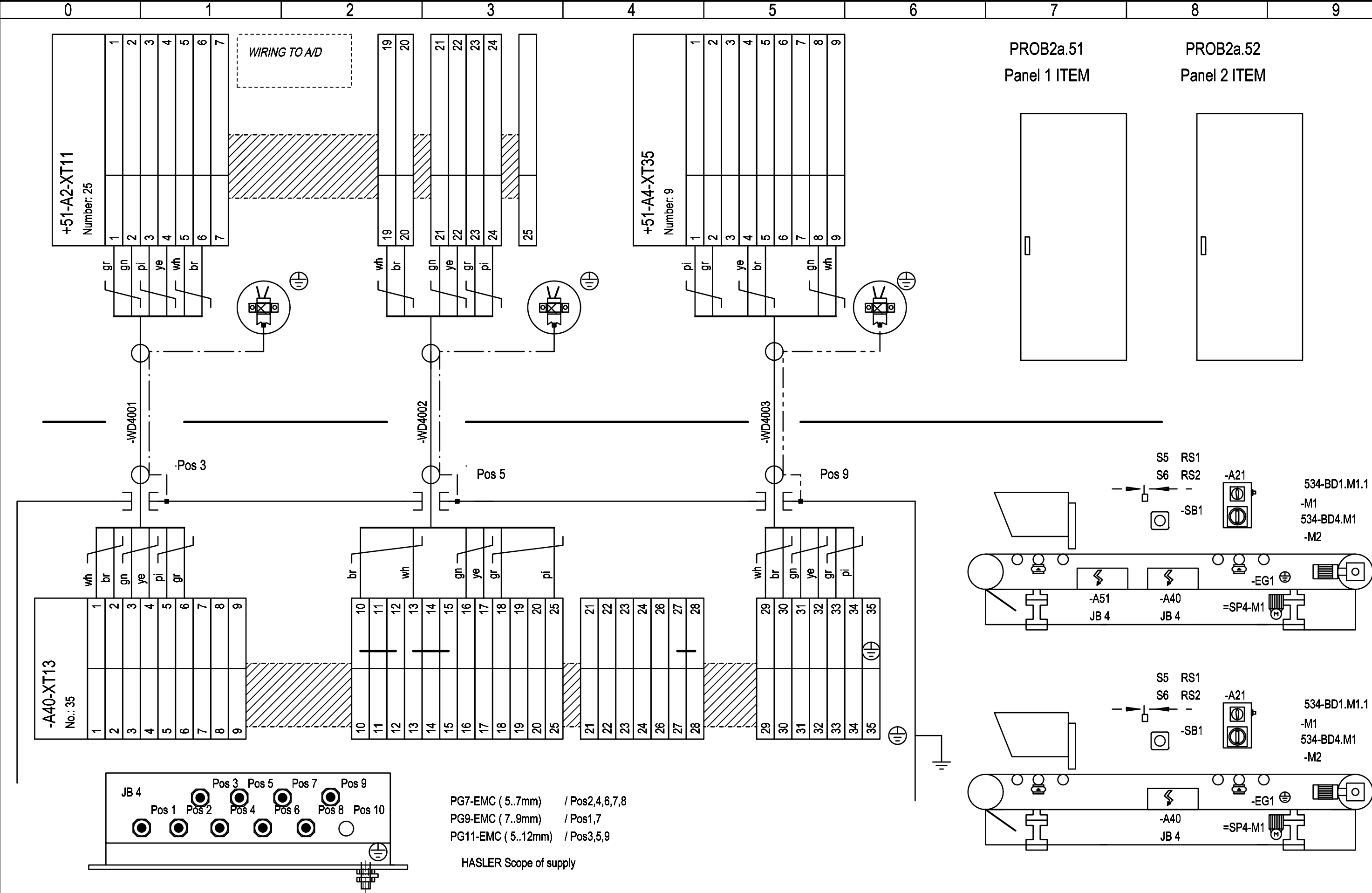
PROB2a.51  
Panel 1 ITEM

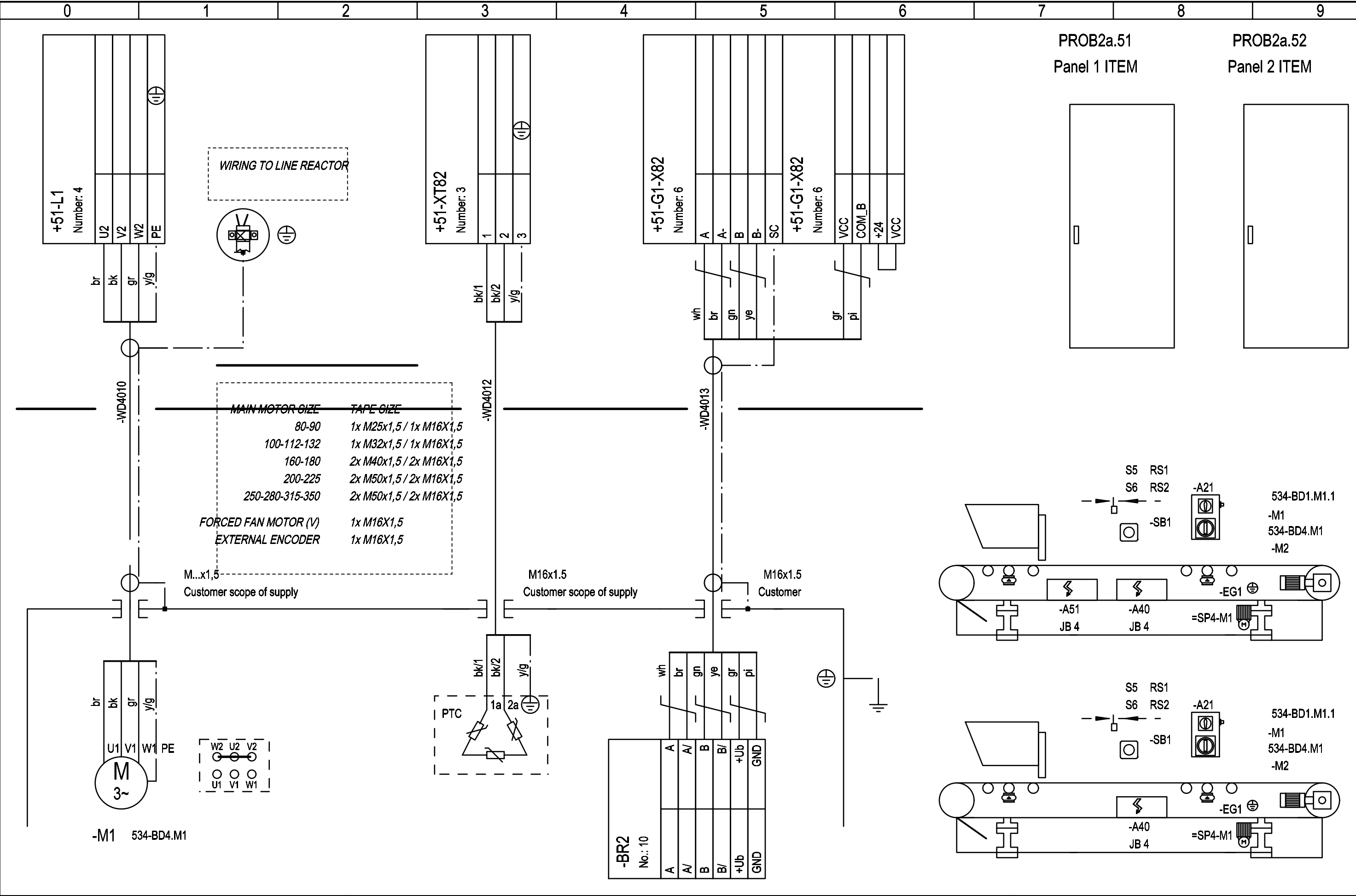
PROB2a.52  
Panel 2 ITEM



M12x1,5: 3,0..6,5 mm POS 1-2-3-4-5

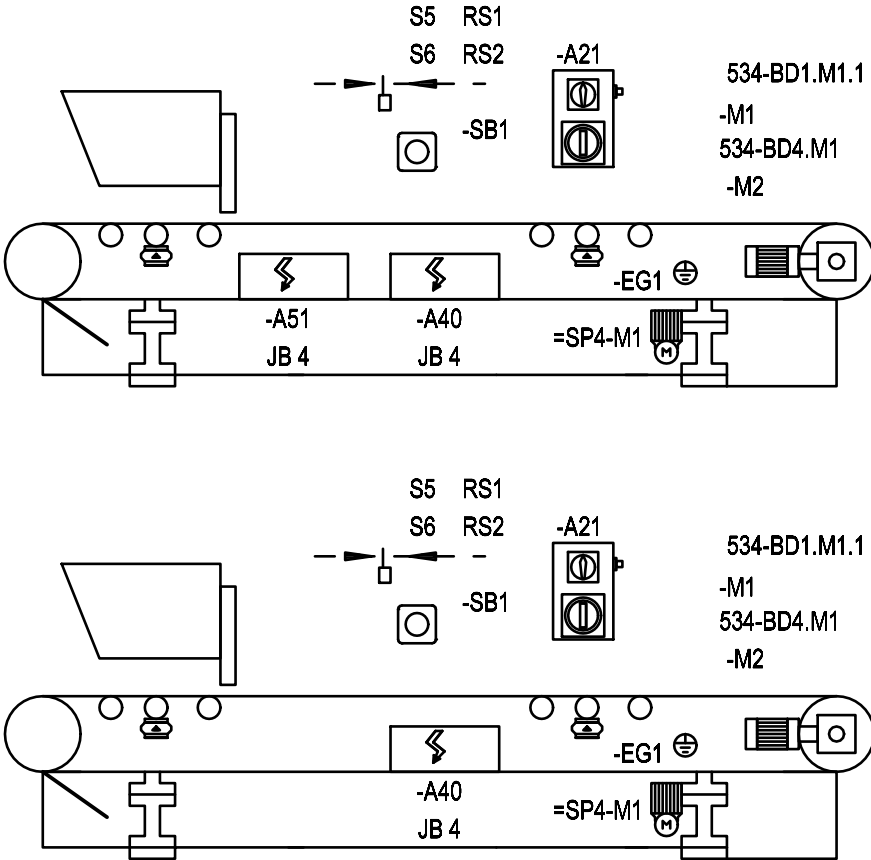
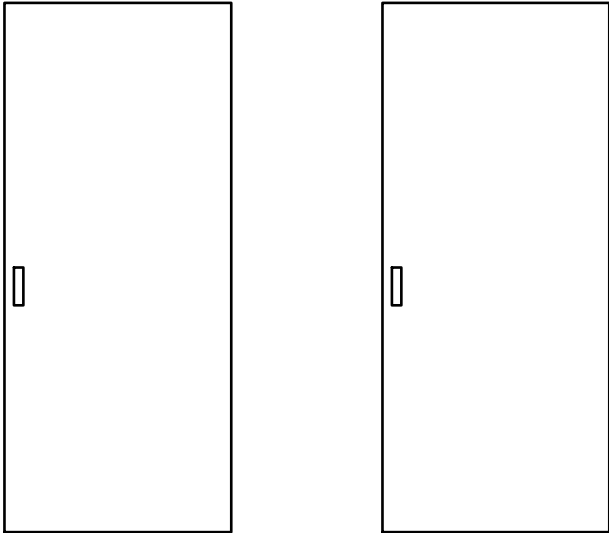


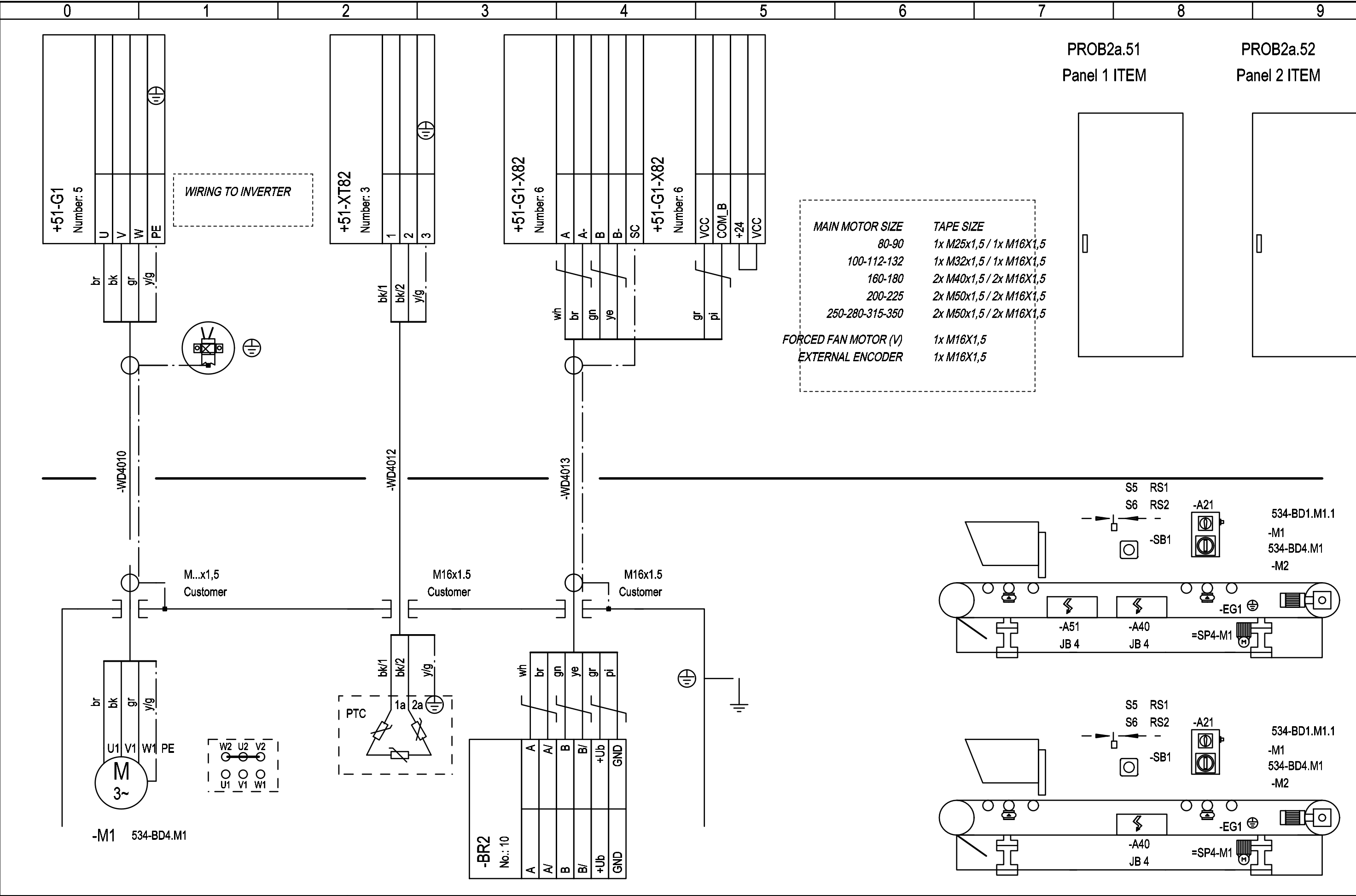




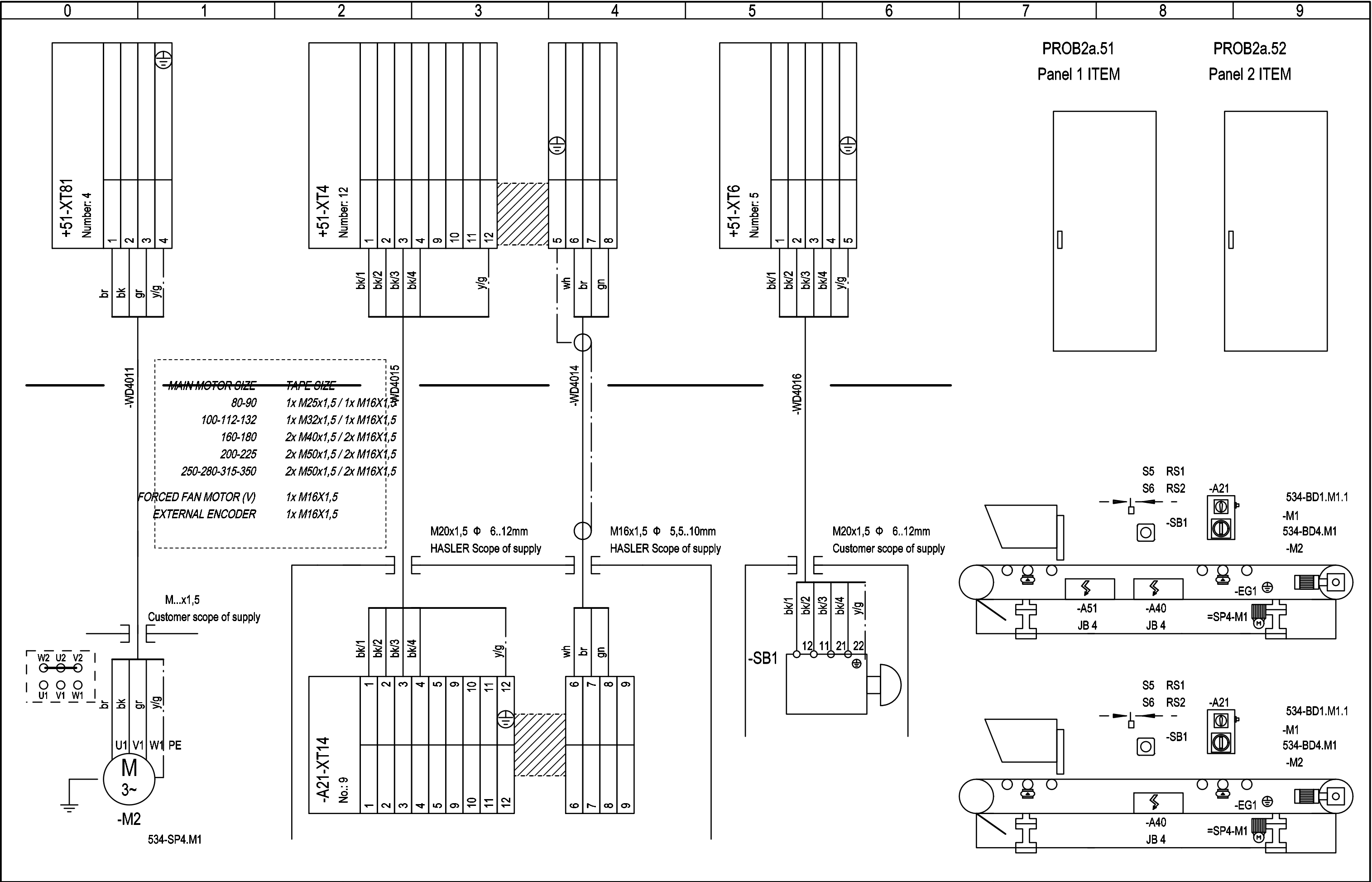
PROB2a.51  
Panel 1 ITEM

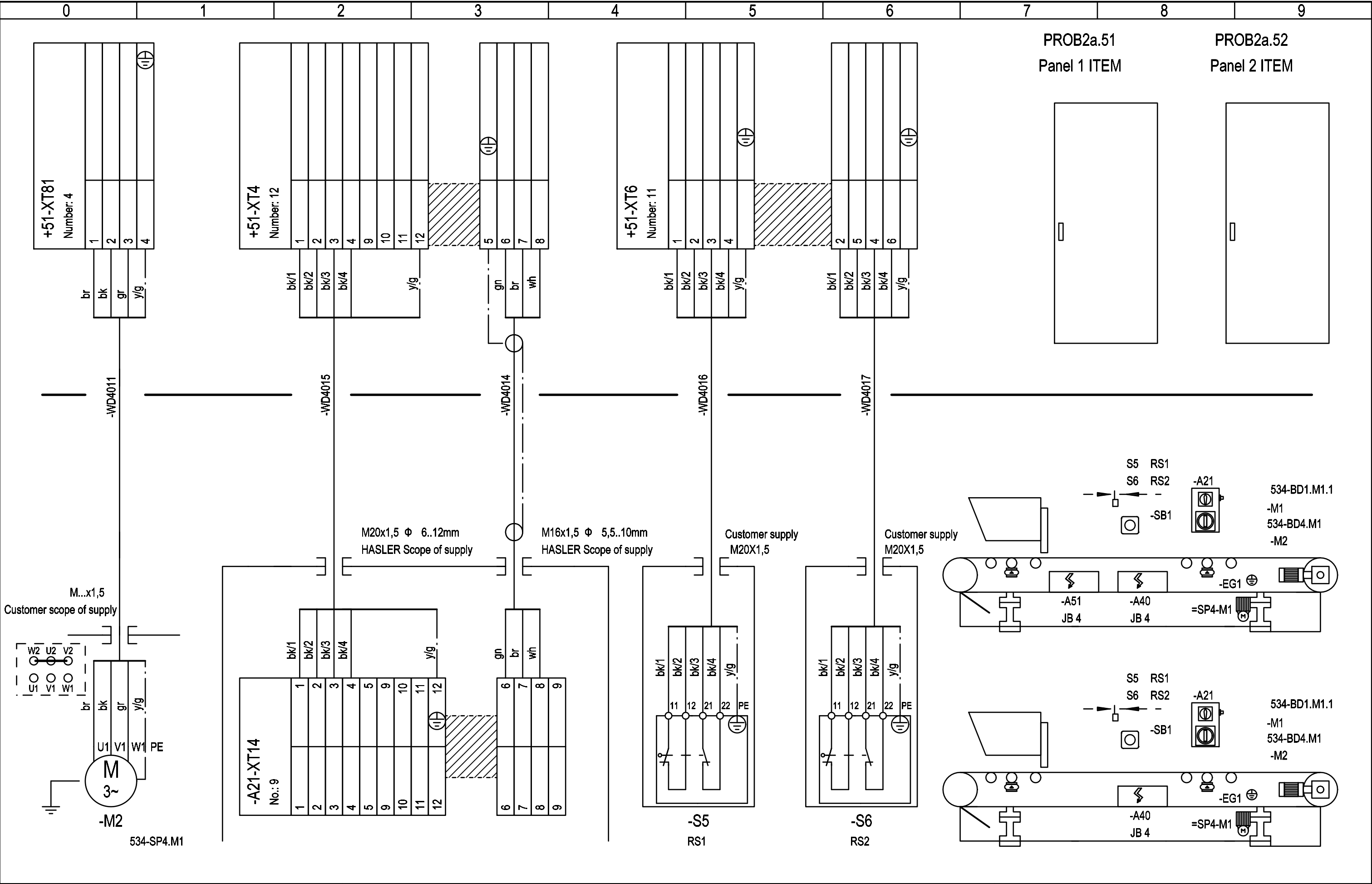
PROB2a.52  
Panel 2 ITEM





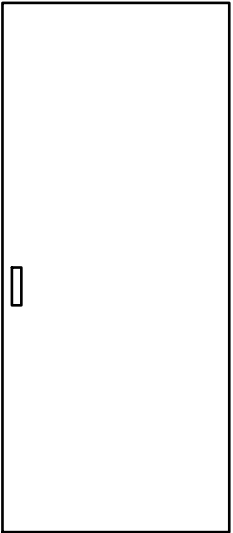
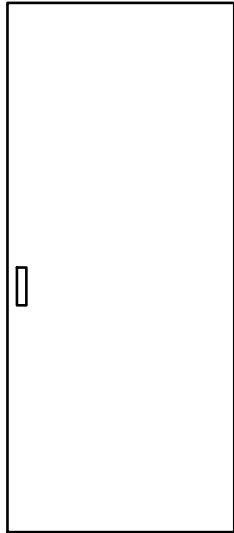






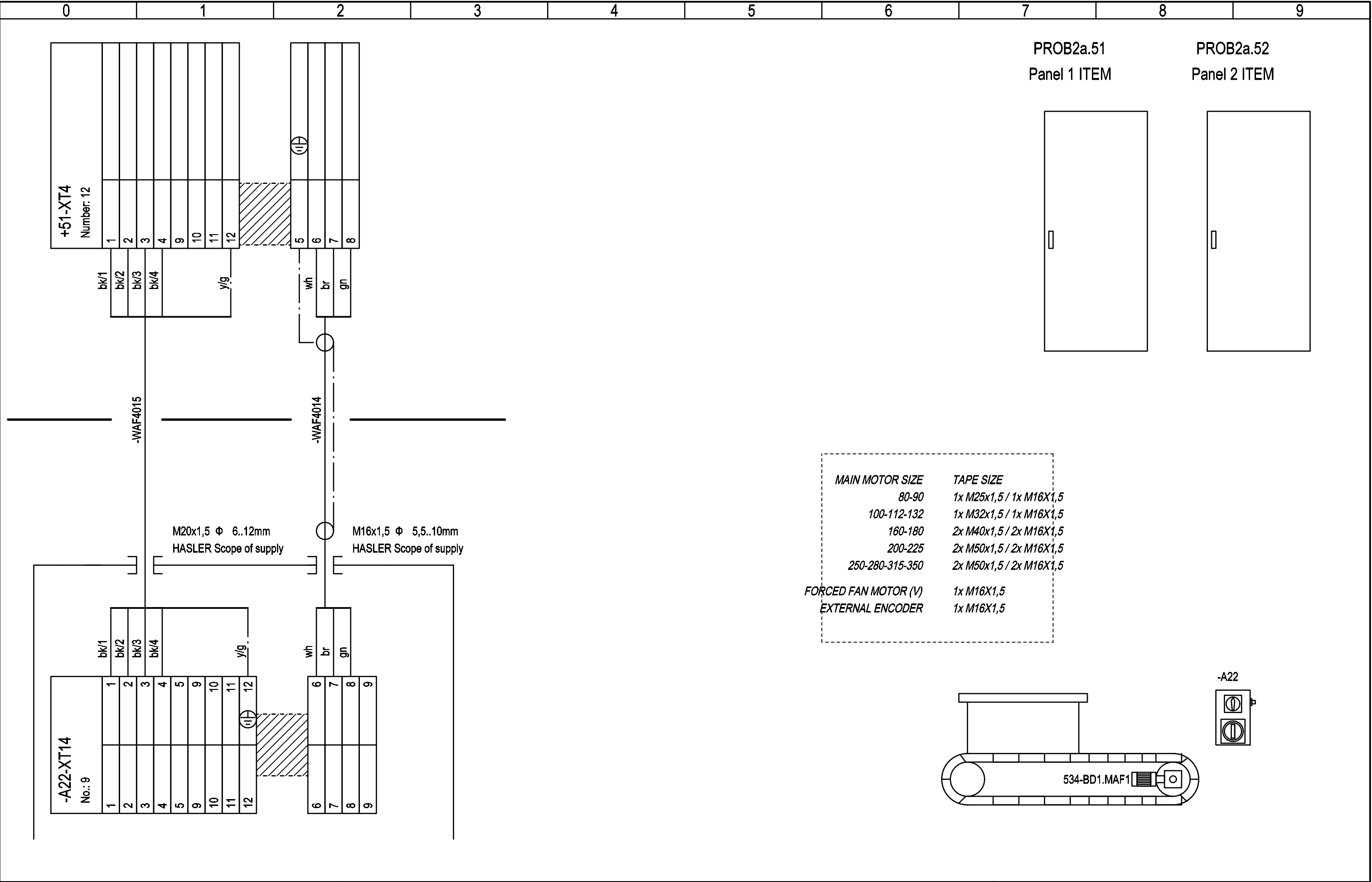
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Panel 1 ITEM

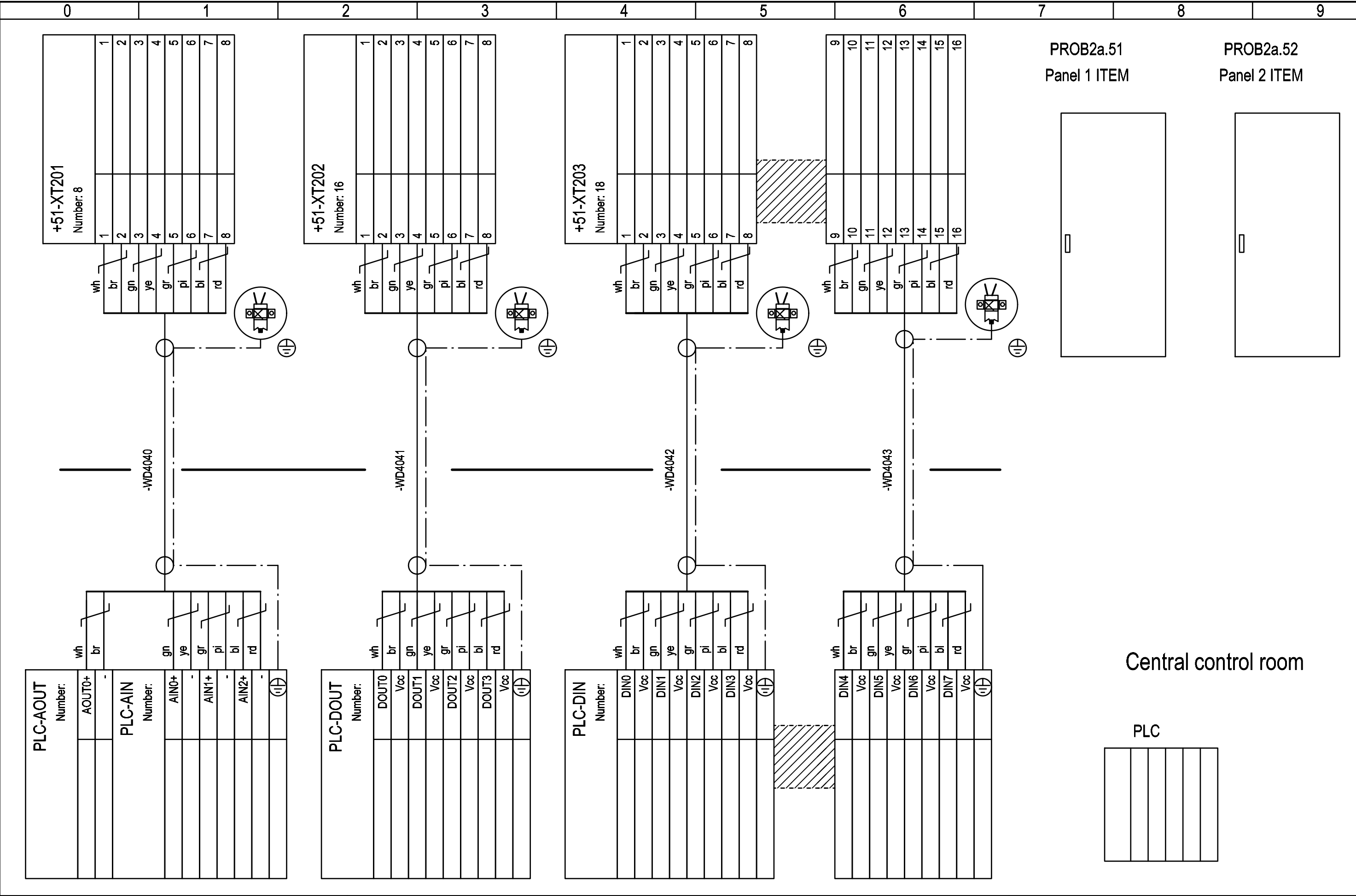
PROB2a.52  
Panel 2 ITEM



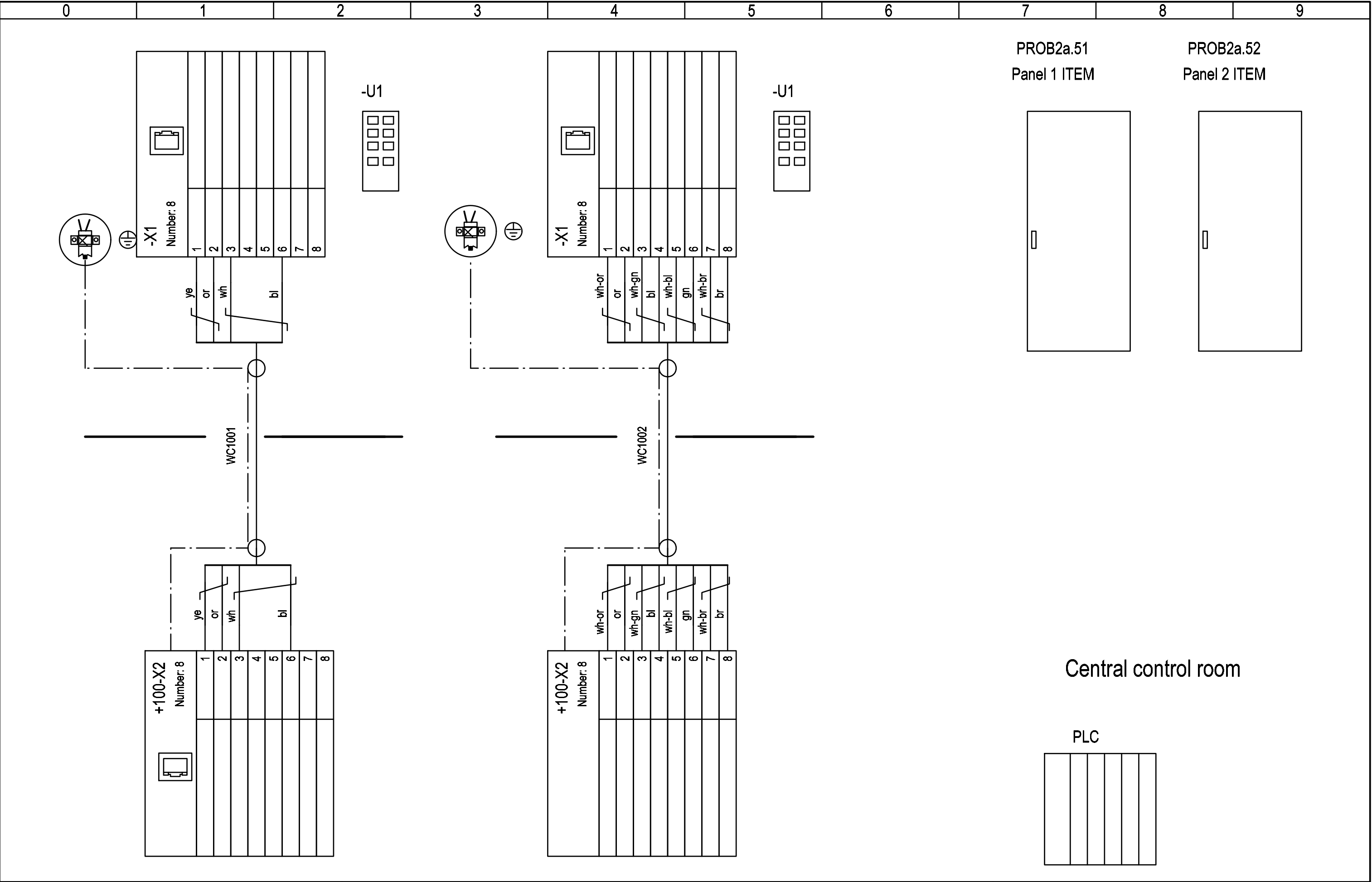











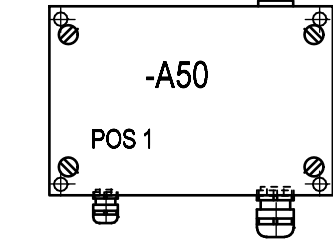
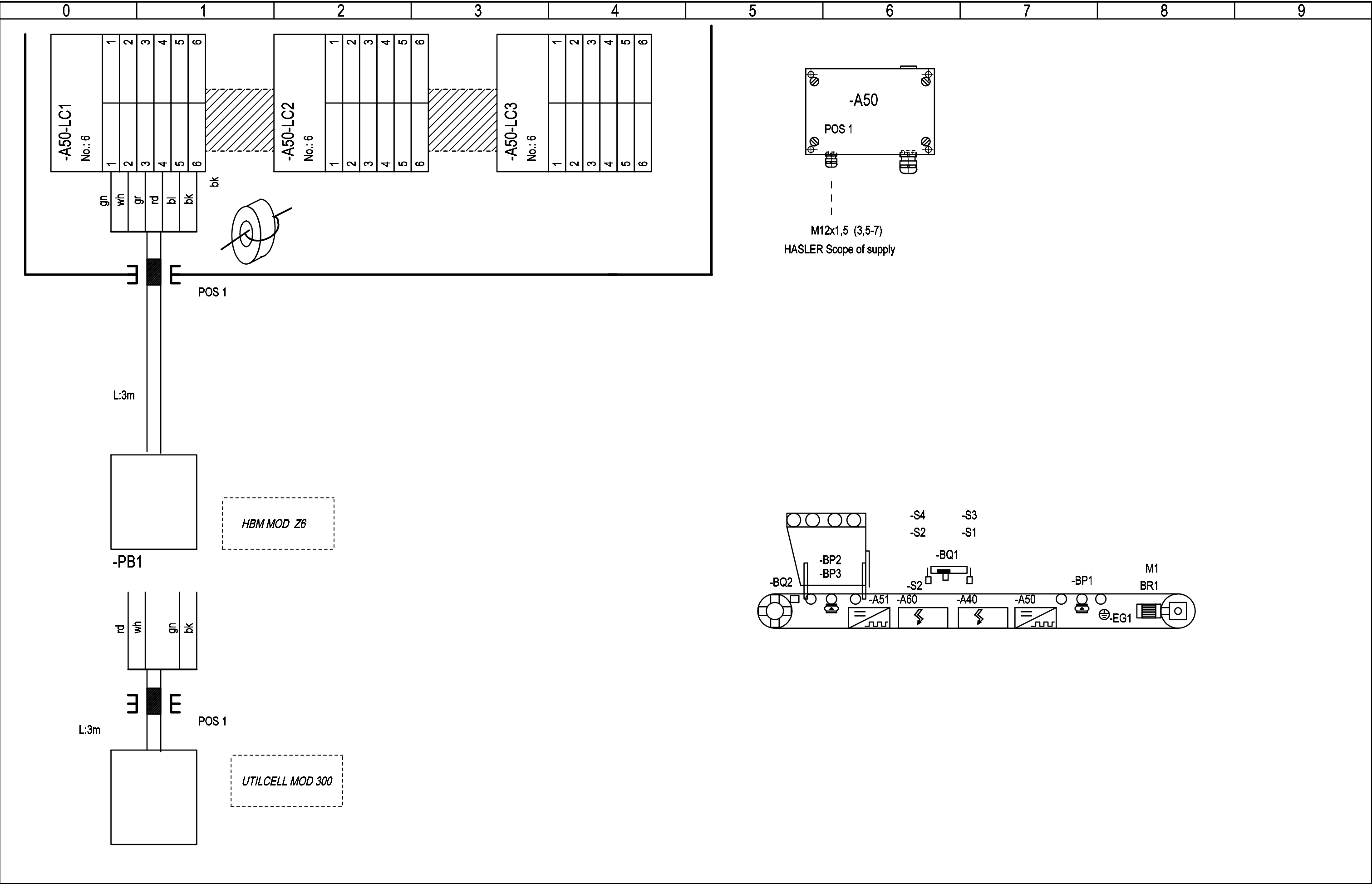




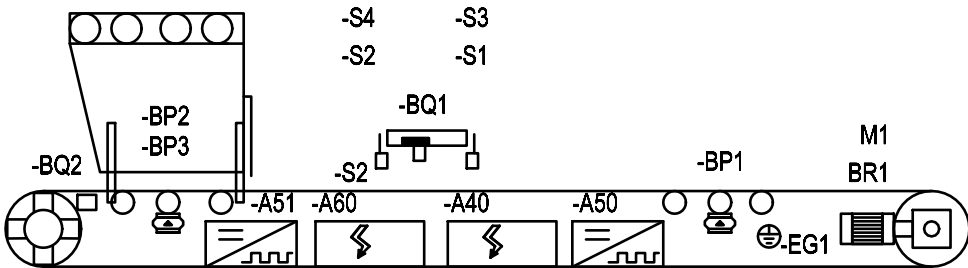
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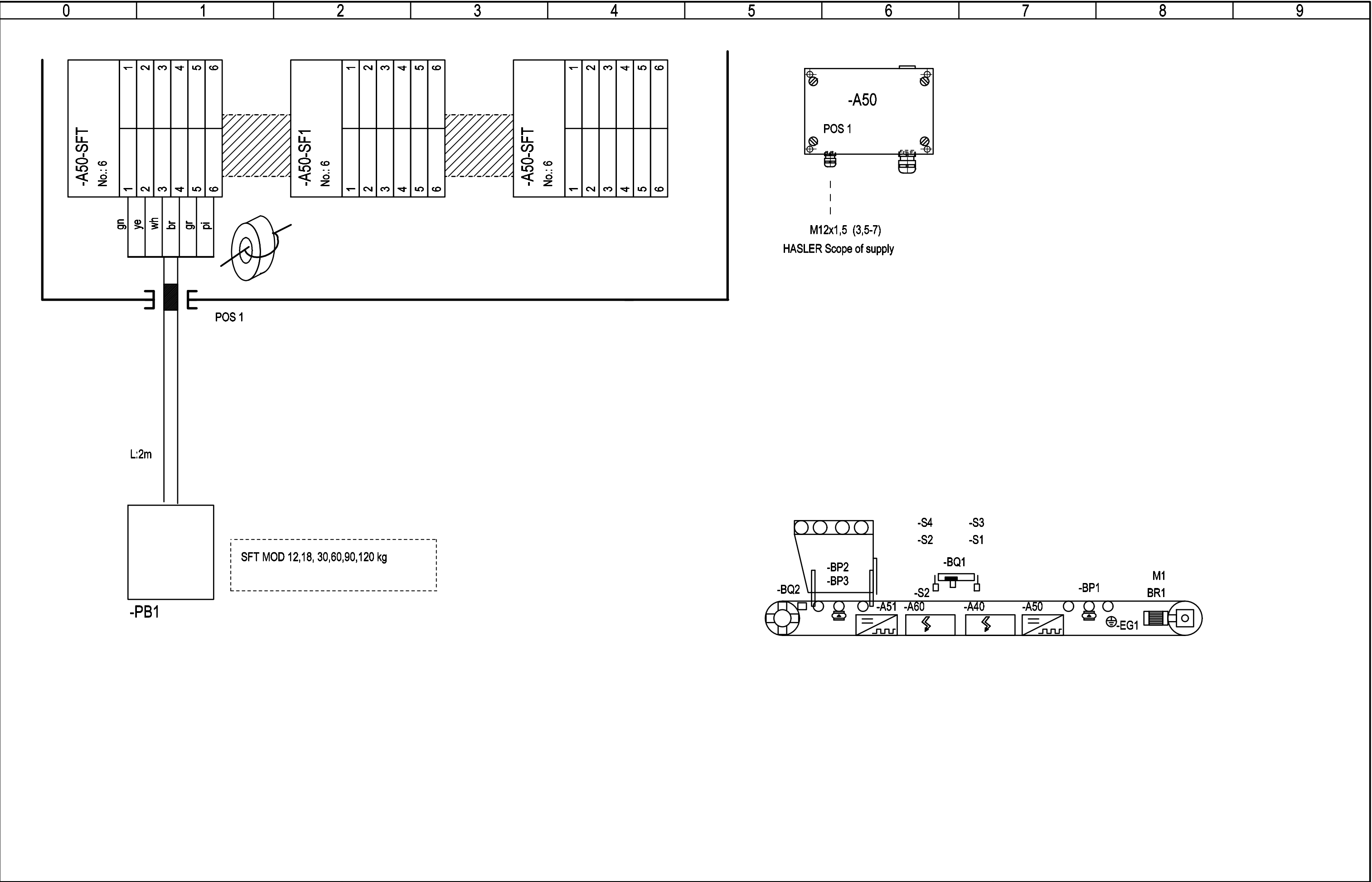
Pos.	HASLER No.	Designation	Comment	Type	Cross-section	from	to
1	Type 5	-WD1014	Customer scope of supply	VDE Li-YCY (3x0,75)	3x0,75mm2	+01=D1-A21	+51=D1-XT4
2	Type 5	-WD2014	Customer scope of supply	VDE Li-YCY (3x0,75)	3x0,75mm2	+02=D2-A21	+51=D2-XT4
3	Type 5	-WD3014	Customer scope of supply	VDE Li-YCY (3x0,75)	3x0,75mm2	+03=D3-A21	+51=D3-XT4
4	Type 9	-WE0000	Customer scope of supply	H07VV-F4G 6.0	4x6,0mm2	+51=E1-XT0	+51=E1-A400
5	Type 12	-WDP1000	Customer scope of supply	PROFIBUS L2 (2x0,64)	2x(2x0.64mm2)	+51=D1-X1	+CCR=D1-DP MASTER
6	Type 24	-WD1016	Customer scope of supply	H05VV-F3G 1.5	3x1,5mm2	+01=D1-A60	+51=D1-XT5
7	Type 24	-WD2016	Customer scope of supply	H05VV-F3G 1.5	3x1,5mm2	+02=D2-A60	+51=D2-XT5
8	Type 24	-WD3012	Customer scope of supply	H05VV-F3G 1.5	3x1,5mm2	+51=D3-XT2	+03=D3-M1
9	Type 24	-WD3016	Customer scope of supply	H05VV-F3G 1.5	3x1,5mm2	+03=D3-A60	+51=D3-XT5
10	Type 86	-WD1001	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D1-A2	+01=D1-A40/-XT13
11	Type 86	-WD1002	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D1-A2	+01=D1-A40/-XT13
12	Type 86	-WD1003	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D1-A4	+01=D1-A40/-XT13
13	Type 86	-WD2001	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D2-A2	+02=D2-A40/-XT13
14	Type 86	-WD2002	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D2-A2	+02=D2-A40/-XT13
15	Type 86	-WD2003	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D2-A4	+02=D2-A40/-XT13
16	Type 86	-WD3001	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D3-A2	+03=D3-A40/-XT13
17	Type 86	-WD3002	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D3-A2	+03=D3-A40/-XT13
18	Type 86	-WD3003	Customer scope of supply	VDE Li-YCYP (3x2x0.75mm²)	6x(3x2x0.75mm²)	+51=D3-A4	+03=D3-A40/-XT13
19	Type 96	-WD1015	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+01=D1-A21	+51=D1-XT4
20	Type 96	-WD1017	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+51=D1-XT6	+01=D1-SB1
21	Type 96	-WD2015	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+02=D2-A21	+51=D2-XT4
22	Type 96	-WD2017	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+51=D2-XT6	+02=D2-SB1
23	Type 96	-WD3015	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+03=D3-A21	+51=D3-XT4
24	Type 96	-WD3017	Customer scope of supply	H05VV-F5G 1.5	5x1,5mm2	+51=D3-XT6	+03=D3-SB1
25	Type 107	-WD1010	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+51=D1-G1	+01=D1-A60
26	Type 107	-WD1011	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+01=D1-A60	+01=D1-M1
27	Type 107	-WD2010	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+51=D2-G1	+02=D2-A60
28	Type 107	-WD2011	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+02=D2-A60	+02=D2-M1
29	Type 107	-WD3010	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+51=D3-G1	+03=D3-A60
30	Type 107	-WD3011	Customer scope of supply	OELFLEX CLASSIC100 CY 4G 2.5	4x2,5mm2	+03=D3-A60	+03=D3-M1
 HASLER GROUP HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)				
			5 Wiring diagram 5.15 Cable list			Project no.: PROB2a .015.001-	Type E Incr. No b language Rev.: page: 152

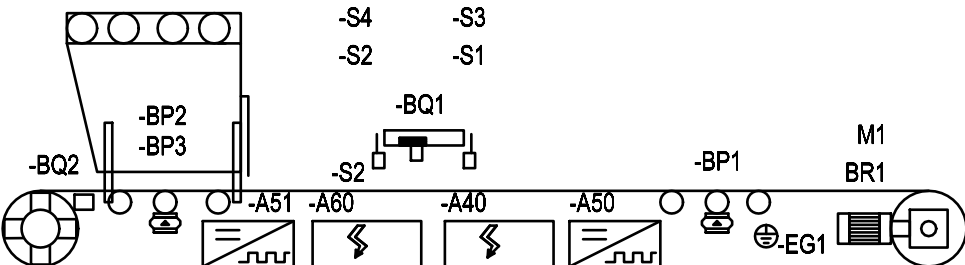
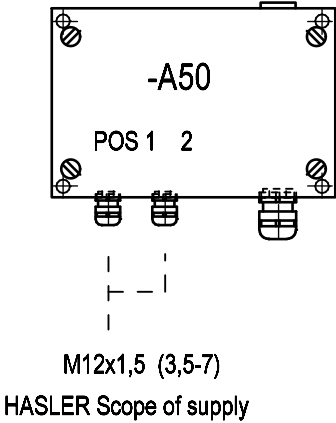
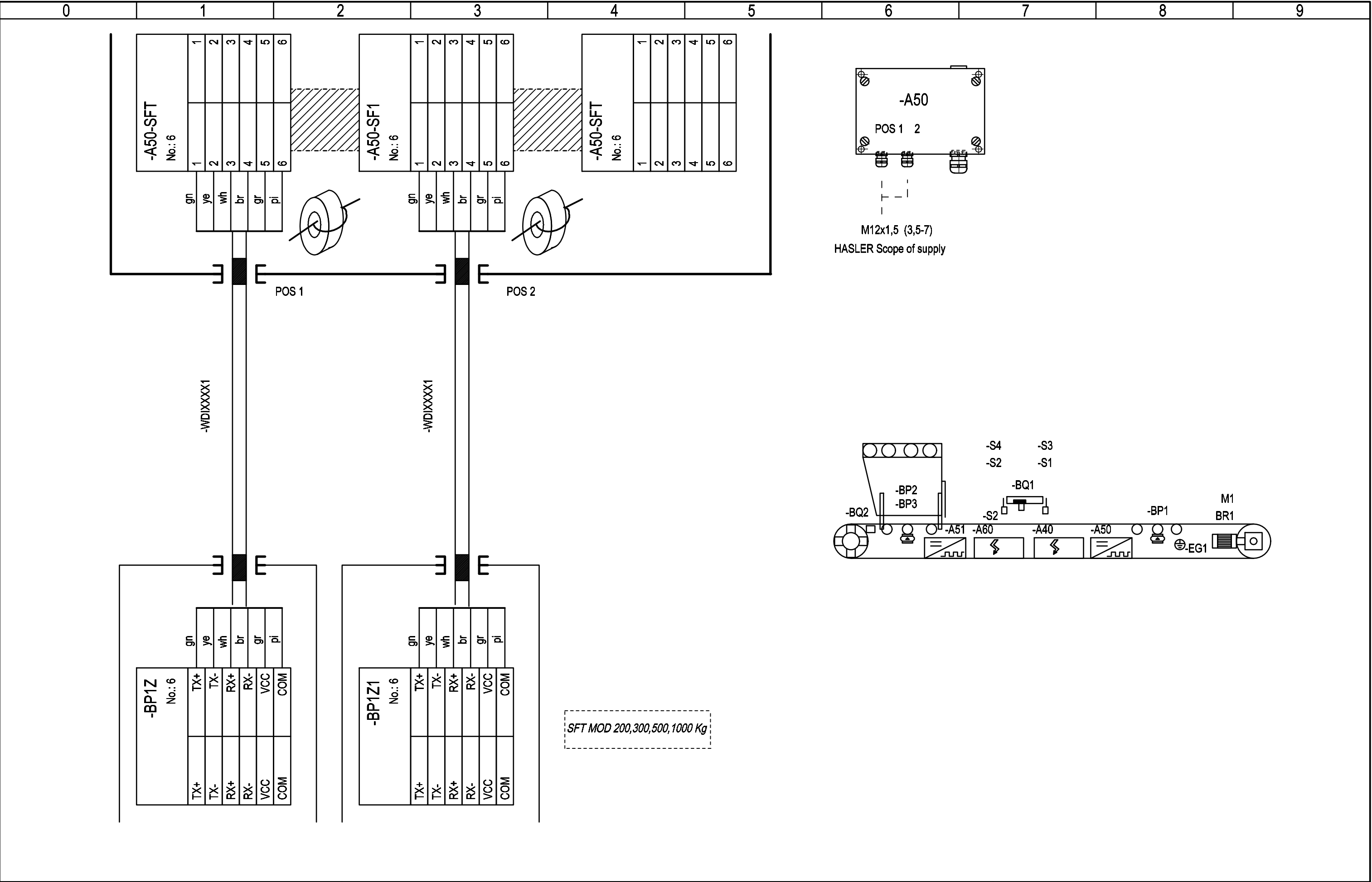
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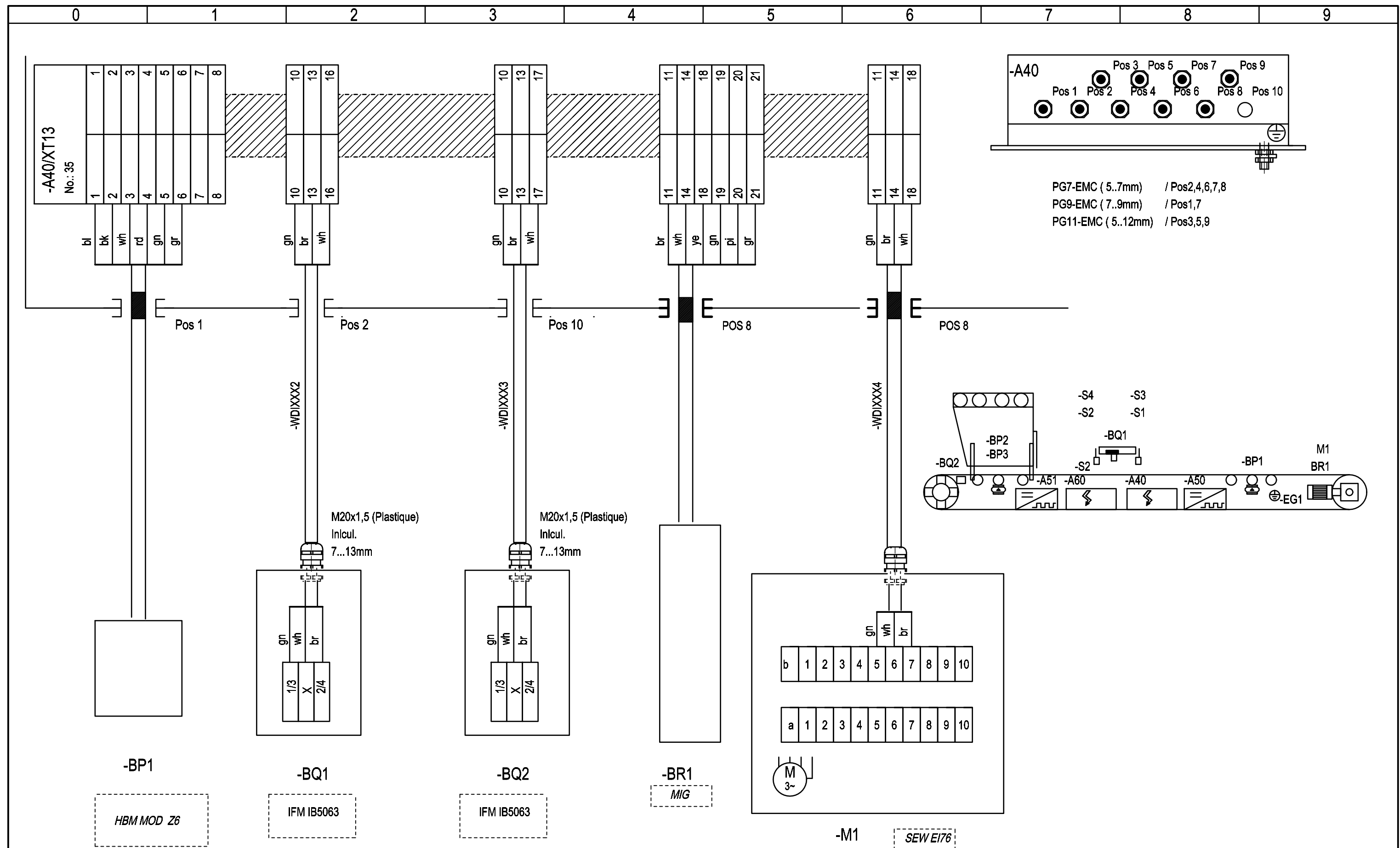
M12x1,5 (3,5-7)  
HASLER Scope of supply





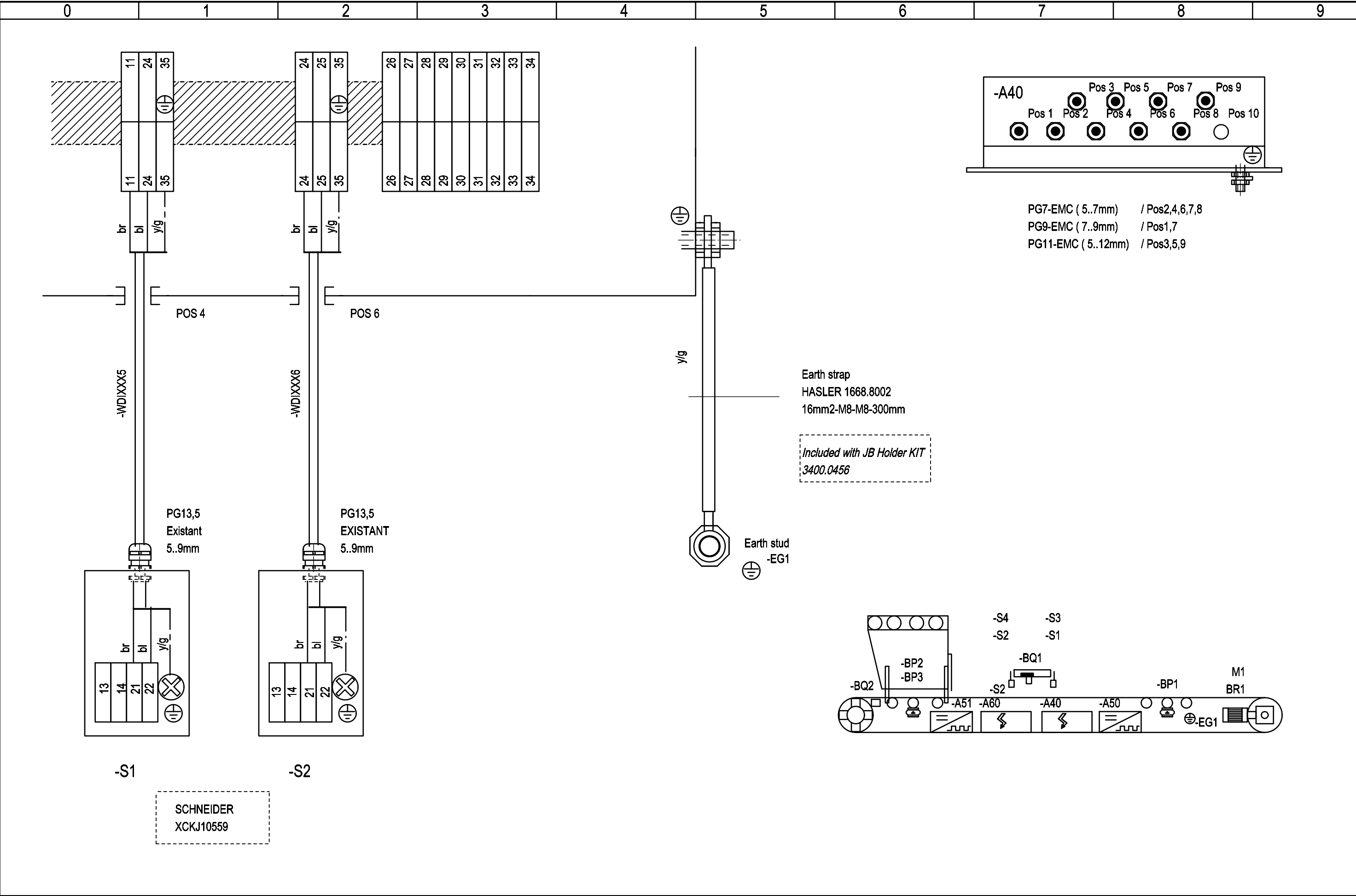


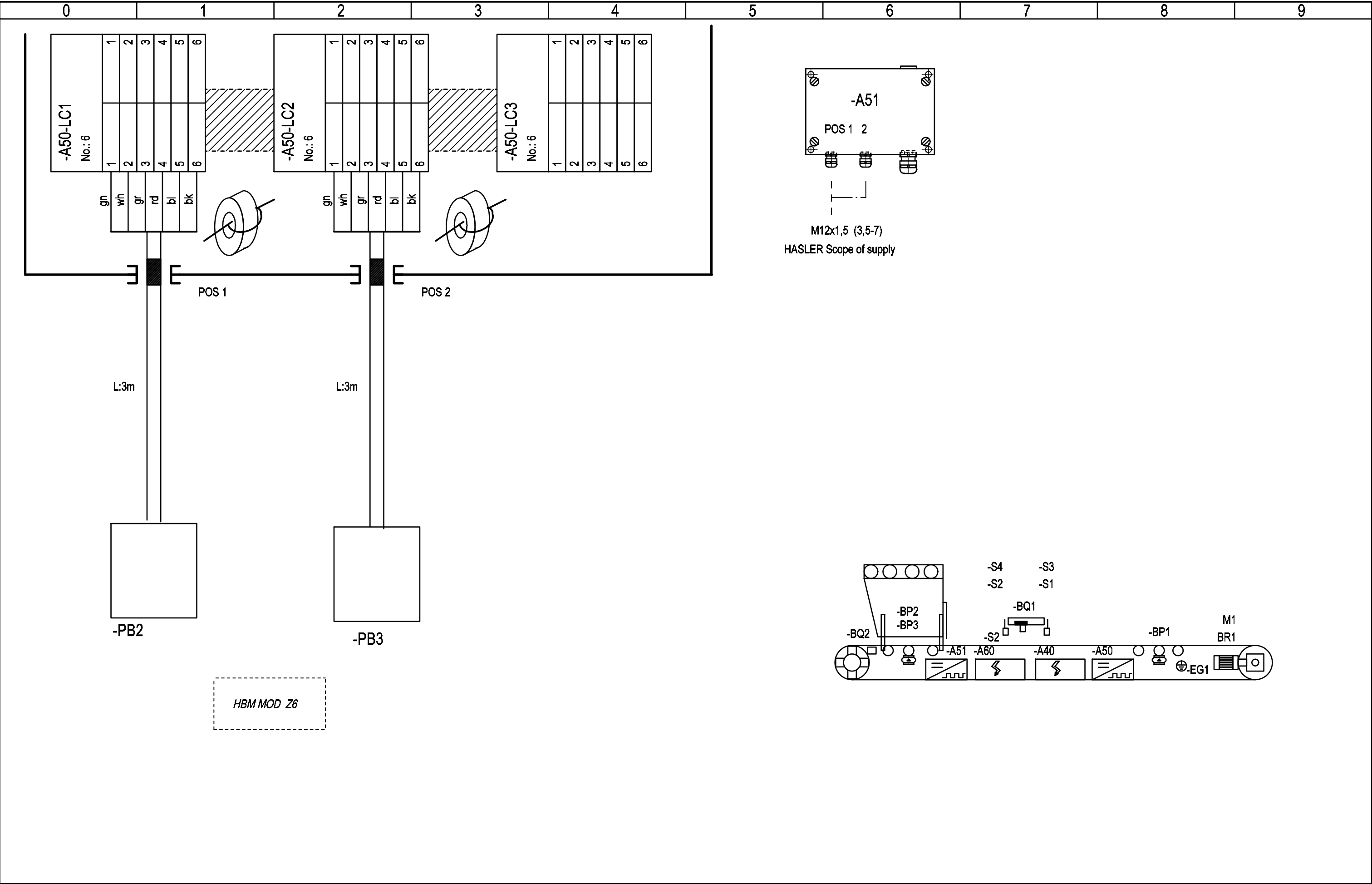


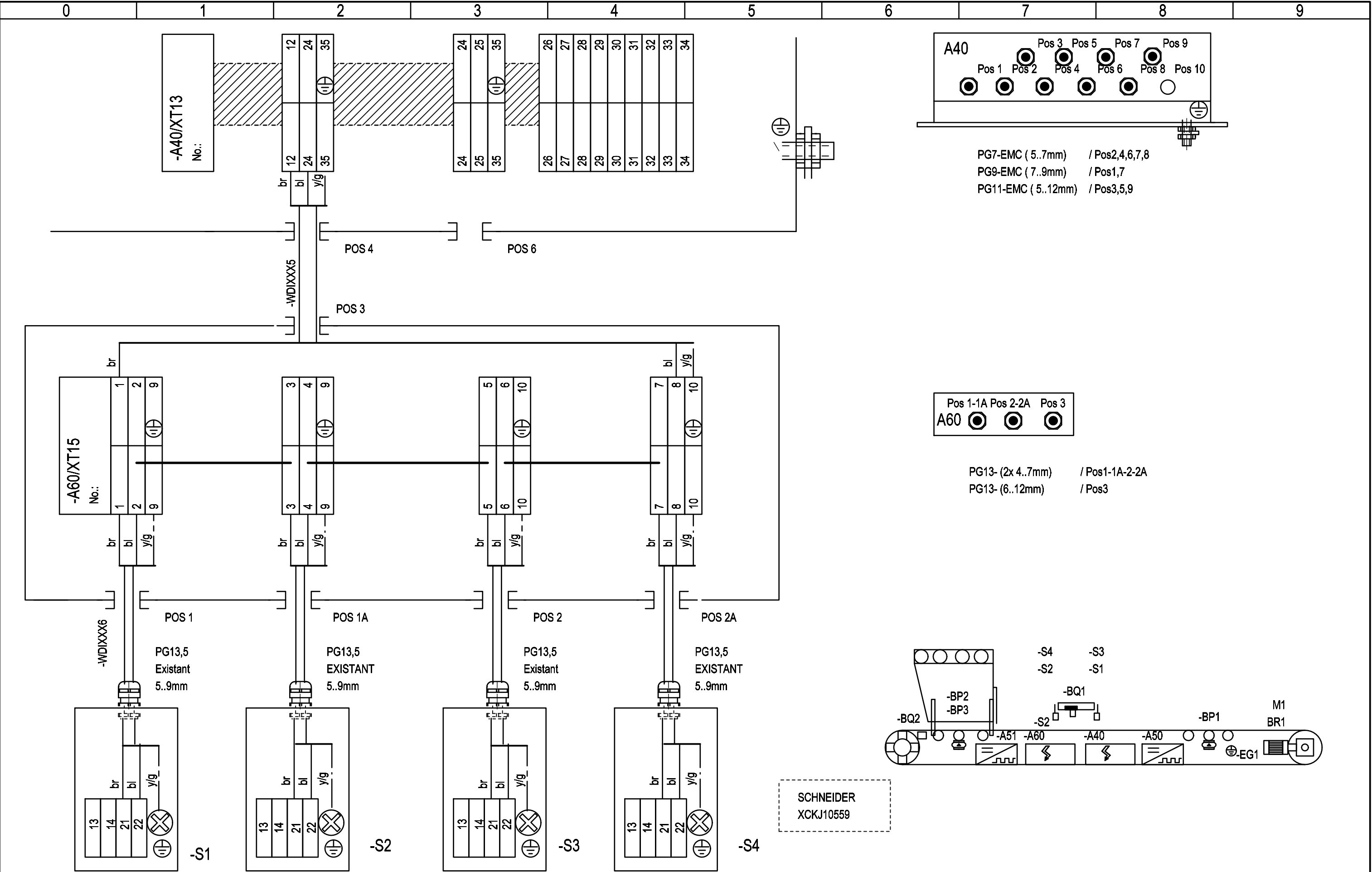


HASLER Group S.A.S.  
Z.I. de L'Abbaye  
38780 Pont-Evêque  
France














					HASLER								
Installation	Loc.	Device	Designation	Technical data	Part number	Quantity	Recommended	Indispensable					
=E1	+51	-TC1	Transformer	Up200.600V/Us230(2x115V)/1KVA	1620.4205	1	1	1					
=E1	+51	-GS1	Power supply	85..264VAC/24VDC 2.5A	1650.3323	1	1	1					
=D1	+51	-A4	Rem. display Connection module	SUBD9PM /TERMINAL 1..9+GND	1660.9101	3	1	1					
=D2	+51	-A4											
=D3	+51	-A4											
=D1	+51	-A3	IO Connection module	SUBD25M /TERMINAL 1.25+GND	1660.9102	3	1	1					
=D2	+51	-A3											
=D3	+51	-A3											
=D1	+51	-A2	Feeder Connection module	SUBD25F /TERMINAL 1.25+GND	1660.9103	3	1	1					
=D2	+51	-A2											
=D3	+51	-A2											
=D1	+51	-A5	Ext I/O Dig Connection module	SUBD37M /TERMINAL 1.37+GND	1660.9104	3	1	1					
=D2	+51	-A5											
=D3	+51	-A5											
=D1	+51	-A6	Ext I/O Ana Connection module	SUBD15M /TERMINAL 1.15+GND	1660.9105	3	1	1					
=D2	+51	-A6											
=D3	+51	-A6											
=D1	+51	-E3	Clamping system for shielded cable	6xDiam 3..14mm	1660.9106	3	1	1					
=D2	+51	-E3											
=D3	+51	-E3											
=D1	+51	-A20	Power rack module	EP module 230V AC	1660.9500	3	1	1					
=D2	+51	-A20											
=D3	+51	-A20											
=E1	+51	-QS1	Main switch	3 P-32A-IP65-Black handle	1700.3385	1	1	1					
=D1	+01	-SB1	Emergency-stop	2xNC / -Steel	1701.1013	3	1	1					
=D2	+02	-SB1											
=D3	+03	-SB1											
=D1	+51	-KA6	Relay	24 VDC / 1xCO	1710.5004	18	6	1					
=D1	+51	-KA7											
=D1	+51	-KA8											
=D1	+51	-KA9											
=D1	+51	-KA10											
<div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)		ITEM:		Inst.		Loc.				
			6 Material list				Project no.:		Type	Incr. No	language	Rev.:	page:
			6.1 Spare parts list				PROB2a .060 .001-		E	. a	163		

					HASLER						
Installation	Loc.	Device	Designation	Technical data	Part number	Quantity	Recommended	Indispensable			
=D1	+51	-KA11									
=D2	+51	-KA6									
=D2	+51	-KA7									
=D2	+51	-KA8									
=D2	+51	-KA9									
=D2	+51	-KA10									
=D2	+51	-KA11									
=D3	+51	-KA6									
=D3	+51	-KA7									
=D3	+51	-KA8									
=D3	+51	-KA9									
=D3	+51	-KA10									
=D3	+51	-KA11									
=D1	+51	-KA5	Safety relay	110...240VAC-3XDO-SIL3	1710.7419	3	1	1			
=D2	+51	-KA5									
=D3	+51	-KA5									
=D2	+51	-KM1	Contactor	230 VAC / 9 A / 50-60 Hz	1714.7504	2	1	1			
=D3	+51	-KM1									
=D1	+51	-KM1	Contactor	230 VAC / 18 A / 50-60 Hz	1714.7505	1	1	1			
=D2	+51	-Q1	Auxiliary contact	1xNO/1xNC	1719.8603	2	1	1			
=D3	+51	-Q1									
=E1	+51	-Q3	Line circuit breaker	1P+N, In :1A , lcc: 50kA	1724.0052	1	1	1			
=E1	+51	-Q2	Line circuit breaker	2P, In :4A , lcc: 50kA	1724.0072	1	1	1			
=E1	+51	-Q1	Circuit breaker for transformer	3P, 2,5-4A	1725.3063	1	1	1			
=D1	+51	-Q1	Motor circuit breaker	3P, 14 A	1725.4045	1	1	1			
=D2	+51	-Q1	Motor circuit breaker	3P, 10 A	1725.4056	2	1	1			
=D3	+51	-Q1									
=E1	+51	-EV1	Fan	230/250m3/h / 230V / RAL 7035	1840.0025	1	1	1			
		-PROB2a.51	Filter	255 x 255 x 30 RAL 7035	2240.3019	2	1	1			
		-PROB2a.51									
=D1	+51	-A1.1	Board CPU	CPU -SCMIIIP	2517.1120	3	1	1			
=D2	+51	-A1.1									
<div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)		ITEM:		Inst.		Loc.		
			6 Material list 6.1 Spare parts list				Project no.:		Type	Incr. No	language
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				HASLER		Manufacturer				
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer			
=D1	+01	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER			
=D1	+01	-A26	Portable console PDU	2518.1010	Static-Dynamic - IP65 - 24VDC	2518.1010	HASLER			
=D1	+01	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER			
=D1	+01	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER			
=D1	+01	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER			
=D1	+51	-A1	Controller SCM	2517.1020	SCMIII PANEL	2517.1020.080.001-E	HASLER			
=D1	+51	-A1	Board EXTENDED IO	2517.1720	EXTENDED IO -SCMIIIP	2517.1720	HASLER			
=D1	+51	-A1	Communication board	2517.1320	COM board PROFIBUS DP	2517.1320	HASLER			
=D1	+51	-A2	Feeder Connection module	1660.9103	SUBD25F /TERMINAL 1.25+GND	-----	HASLER			
=D1	+51	-A3	IO Connection module	1660.9102	SUBD25M /TERMINAL 1.25+GND	-----	HASLER			
=D1	+51	-A4	Rem. display Connection module	1660.9101	SUBD9PM /TERMINAL 1..9+GND	-----	HASLER			
=D1	+51	-A5	Ext I/O Dig Connection module	1660.9104	SUBD37M /TERMINAL 1.37+GND	-----	HASLER			
=D1	+51	-A6	Ext I/O Ana Connection module	1660.9105	SUBD15M /TERMINAL 1.15+GND	-----	HASLER			
=D1	+51	-A20	Power rack module	1660.9500	EP module 230V AC	1660.9500	HASLER			
=D1	+51	-E3	Clamping system for shielded cable	1660.9106	6xDiam 3..14mm	-----	HASLER			
=D1	+51	-G1	Frequency inverter AC	2601.2549	380-500V / 3,0 KW	ACS880-01-05A2-5	ABB			
=D1	+51	-KA5	Safety relay	1710.7419	110...240VAC-3XDO-SIL3	3SK1111-1AW20	SIEMENS			
=D1	+51	-KA6	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KA7	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KA8	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KA9	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KA10	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KA11	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX			
=D1	+51	-KM1	Contactor	1714.7505	230 VAC / 18 A / 50-60 Hz	LC1-D18P7	SCHNEIDER			
=D1	+51	-Q1	Motor circuit breaker	1725.4045	3P, 14 A	GV2-L16	SCHNEIDER			
=D1	+51	-Q1	Auxiliary contact	1719.8603	1xNO/1xNC	GV-AE11	SCHNEIDER			
=D1	+51	-WD1001	Cable SCMIII Feeder	1668.9120	DB25F-ELB/DB25M-STR/1,5m	1668.9120	HASLER			
=D1	+51	-WD1002	Cable SCMIII Rem Display	1668.9122	DB9M-ELB/DB9F-STR/1,5m	1668.9122	HASLER			
=D1	+51	-WD1003	Cable SCMIII I/O	1668.9128	DB25M-ELB/DB25F-STR/1,5m	1668.9128	HASLER			
=D1	+51	-WD1004	Cable SCMIII Drive	1668.9125	DB9F-ELB/DB9F-STR/2,5m	1668.9125	HASLER			
=D1	+51	-WD1005	Cable SCMIII EXT. Dig I/O	1668.9130	DB37M-ELB/DB37F-STR/1,5m	1668.9130	HASLER			
=D1	+51	-WD1006	Cable SCMIII EXT. Ana I/O	1668.9132	DB15M-ELB/DB15F-STR/1,5m	1668.9132	HASLER			
<div><div><div>///HASLER</div><div>GROUP</div></div><div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div></div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM:	Inst.		Loc.	
			6 Material list 6.2 General list				Project no.:   Type		Incr. No   language	Rev.:   page:
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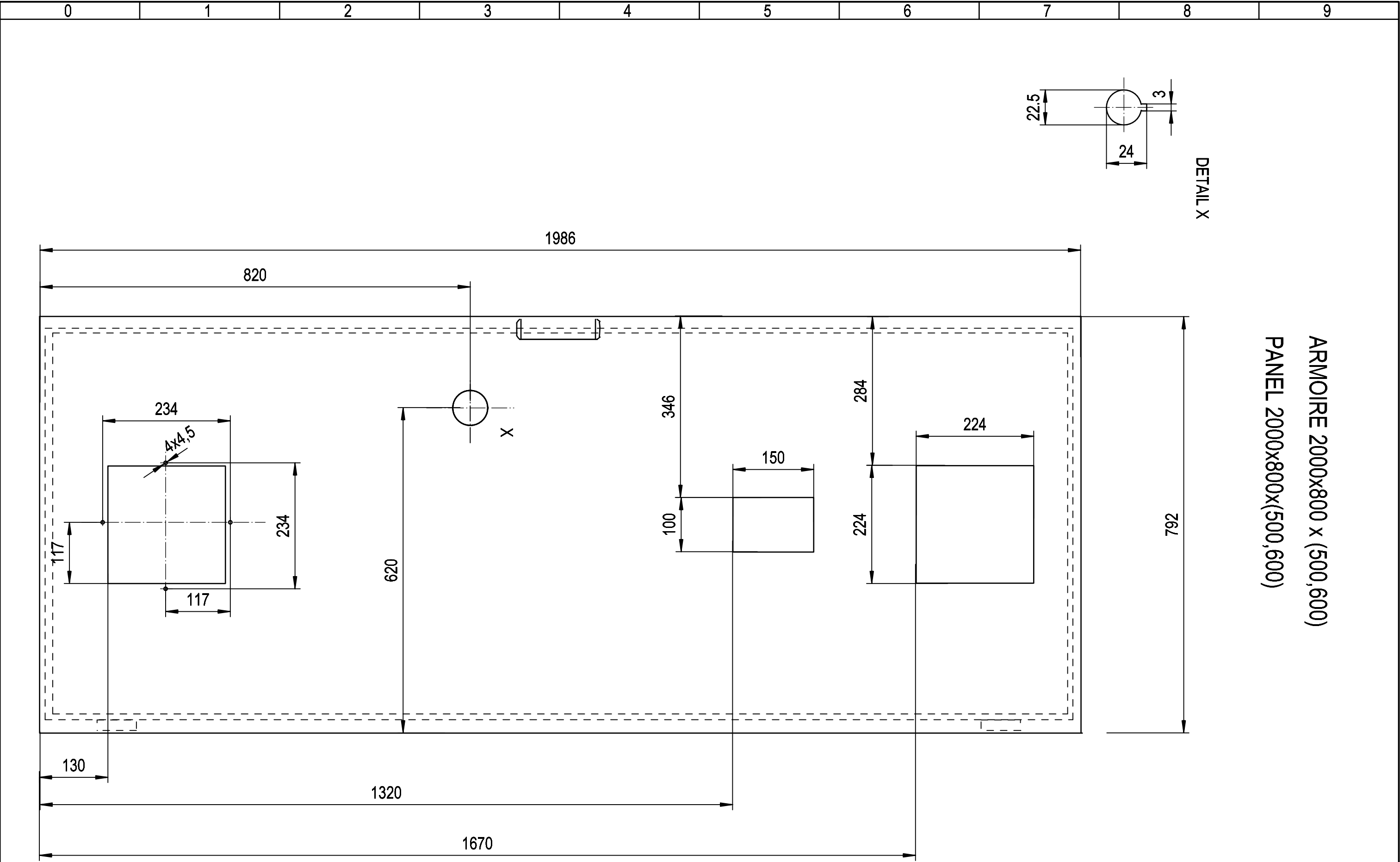
				HASLER		Manufacturer						
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer					
=D1	+51	-X1	Plug	1661.1163	1,5MHZ/ Elbow	6ES7972-0BA420XA0	SIEMENS					
=D2	+02	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER					
=D2	+02	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER					
=D2	+02	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER					
=D2	+02	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER					
=D2	+51	-A1	Controller SCM	2517.1020	SCMIII PANEL	2517.1020.080.001-E	HASLER					
=D2	+51	-A1	Board EXTENDED IO	2517.1720	EXTENDED IO -SCMIIIP	2517.1720	HASLER					
=D2	+51	-A1	Communication board	2517.1320	COM board PROFIBUS DP	2517.1320	HASLER					
=D2	+51	-A2	Feeder Connection module	1660.9103	SUBD25F /TERMINAL 1.25+GND	-----	HASLER					
=D2	+51	-A3	IO Connection module	1660.9102	SUBD25M /TERMINAL 1.25+GND	-----	HASLER					
=D2	+51	-A4	Rem. display Connection module	1660.9101	SUBD9PM /TERMINAL 1..9+GND	-----	HASLER					
=D2	+51	-A5	Ext I/O Dig Connection module	1660.9104	SUBD37M /TERMINAL 1.37+GND	-----	HASLER					
=D2	+51	-A6	Ext I/O Ana Connection module	1660.9105	SUBD15M /TERMINAL 1.15+GND	-----	HASLER					
=D2	+51	-A20	Power rack module	1660.9500	EP module 230V AC	1660.9500	HASLER					
=D2	+51	-E3	Clamping system for shielded cable	1660.9106	6xDiam 3..14mm	-----	HASLER					
=D2	+51	-G1	Frequency inverter AC	2601.2682	380-500V / 2,2 KW	ACS880-01-04A8-5	ABB					
=D2	+51	-KA5	Safety relay	1710.7419	110...240VAC-3XDO-SIL3	3SK1111-1AW20	SIEMENS					
=D2	+51	-KA6	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KA7	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KA8	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KA9	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KA10	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KA11	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX					
=D2	+51	-KM1	Contactor	1714.7504	230 VAC / 9 A / 50-60 Hz	LC1-D09P7	SCHNEIDER					
=D2	+51	-Q1	Motor circuit breaker	1725.4056	3P, 10 A	GV2-L14	SCHNEIDER					
=D2	+51	-Q1	Auxiliary contact	1719.8603	1xNO/1xNC	GV-AE11	SCHNEIDER					
=D2	+51	-WD2001	Cable SCMIII Feeder	1668.9121	DB25F-ELB/DB25M-STR/2,5m	1668.9121	HASLER					
=D2	+51	-WD2002	Cable SCMIII Rem Display	1668.9123	DB9M-ELB/DB9F-STR/2,5m	1668.9123	HASLER					
=D2	+51	-WD2003	Cable SCMIII I/O	1668.9129	DB25M-ELB/DB25F-STR/2,5m	1668.9129	HASLER					
=D2	+51	-WD2004	Cable SCMIII Drive	1668.9125	DB9F-ELB/DB9F-STR/2,5m	1668.9125	HASLER					
=D2	+51	-WD2005	Cable SCMIII EXT. Dig I/O	1668.9131	DB37M-ELB/DB37F-STR/2,5m	1668.9131	HASLER					
=D2	+51	-WD2006	Cable SCMIII EXT. Ana I/O	1668.9133	DB15M-ELB/DB15F-STR/2,5m	1668.9133	HASLER					
<div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM:		Inst.		Loc.		
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				HASLER		Manufacturer					
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer				
=D2	+51	-X1	Plug	1661.1163	1,5MHZ/ Elbow	6ES7972-0BA420XA0	SIEMENS				
=D3	+03	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER				
=D3	+03	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER				
=D3	+03	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER				
=D3	+03	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER				
=D3	+51	-A1	Controller SCM	2517.1020	SCMIII PANEL	2517.1020.080.001-E	HASLER				
=D3	+51	-A1	Board EXTENDED IO	2517.1720	EXTENDED IO -SCMIIIP	2517.1720	HASLER				
=D3	+51	-A1	Communication board	2517.1320	COM board PROFIBUS DP	2517.1320	HASLER				
=D3	+51	-A2	Feeder Connection module	1660.9103	SUBD25F /TERMINAL 1.25+GND	-----	HASLER				
=D3	+51	-A3	IO Connection module	1660.9102	SUBD25M /TERMINAL 1.25+GND	-----	HASLER				
=D3	+51	-A4	Rem. display Connection module	1660.9101	SUBD9PM /TERMINAL 1..9+GND	-----	HASLER				
=D3	+51	-A5	Ext I/O Dig Connection module	1660.9104	SUBD37M /TERMINAL 1.37+GND	-----	HASLER				
=D3	+51	-A6	Ext I/O Ana Connection module	1660.9105	SUBD15M /TERMINAL 1.15+GND	-----	HASLER				
=D3	+51	-A20	Power rack module	1660.9500	EP module 230V AC	1660.9500	HASLER				
=D3	+51	-E3	Clamping system for shielded cable	1660.9106	6xDiam 3..14mm	-----	HASLER				
=D3	+51	-G1	Frequency inverter AC	2601.2682	380-500V / 2,2 KW	ACS880-01-04A8-5	ABB				
=D3	+51	-KA5	Safety relay	1710.7419	110...240VAC-3XDO-SIL3	3SK1111-1AW20	SIEMENS				
=D3	+51	-KA6	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KA7	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KA8	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KA9	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KA10	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KA11	Relay	1710.5004	24 VDC / 1xCO	2966171	PHOENIX				
=D3	+51	-KM1	Contactor	1714.7504	230 VAC / 9 A / 50-60 Hz	LC1-D09P7	SCHNEIDER				
=D3	+51	-Q1	Motor circuit breaker	1725.4056	3P, 10 A	GV2-L14	SCHNEIDER				
=D3	+51	-Q1	Auxiliary contact	1719.8603	1xNO/1xNC	GV-AE11	SCHNEIDER				
=D3	+51	-WD3001	Cable SCMIII Feeder	1668.9121	DB25F-ELB/DB25M-STR/2,5m	1668.9121	HASLER				
=D3	+51	-WD3002	Cable SCMIII Rem Display	1668.9123	DB9M-ELB/DB9F-STR/2,5m	1668.9123	HASLER				
=D3	+51	-WD3003	Cable SCMIII I/O	1668.9129	DB25M-ELB/DB25F-STR/2,5m	1668.9129	HASLER				
=D3	+51	-WD3004	Cable SCMIII Drive	1668.9125	DB9F-ELB/DB9F-STR/2,5m	1668.9125	HASLER				
=D3	+51	-WD3005	Cable SCMIII EXT. Dig I/O	1668.9131	DB37M-ELB/DB37F-STR/2,5m	1668.9131	HASLER				
=D3	+51	-WD3006	Cable SCMIII EXT. Ana I/O	1668.9133	DB15M-ELB/DB15F-STR/2,5m	1668.9133	HASLER				
<div><div><div></div><div></div><div></div><div></div></div><div>HASLER</div><div>GROUP</div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM:	Inst.		Loc.		
			6 Material list 6.2 General list				Project no.: Type Incr. No language Rev.:		page:		
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				HASLER		Manufacturer	
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer
=D3	+51	-X1	Plug	1661.1163	1,5MHZ/ Elbow	6ES7972-0BA420XA0	SIEMENS
=E1	+51	-EV1	Fan	1840.0025	230/250m3/h / 230V / RAL 7035	SK 3241.100	RITTAL
=E1	+51	-GS1	Power supply	1650.3323	85..264VAC/24VDC 2.5A	787-712	WAGO
=E1	+51	-H1	Cubicle lighting	2727.9937	110-240V,50-60Hz,18W / LED	SZ 2500.300	RITTAL
=E1	+51	-H1	Power cord	2727.9938	ORANGE, 3m, 3 p	SZ 2500.500	RITTAL
=E1	+51	-Q1	Circuit breaker for transformer	1725.3063	3P, 2,5-4A	GV2-RT08	SCHNEIDER
=E1	+51	-Q2	Line circuit breaker	1724.0072	2P, In :4A , lcc: 50kA	A9F75204	SCHNEIDER
=E1	+51	-Q3	Line circuit breaker	1724.0052	1P+N, In :1A , lcc: 50kA	A9F74601	SCHNEIDER
=E1	+51	-QS1	Main switch	1700.3385	3 P-32A-IP65-Black handle	3LD2203-0TK51	SIEMENS
=E1	+51	-TC1	Transformer	1620.4205	Up200.600V/Us230(2x115V)/1KVA	HST7021	HABERMANN
=E1	+51	-XB1	Terminal	1660.0208	6 (10) mm2	03 11 08 7	PHOENIX
=E1	+51	-XB1	Cover	1669.1010		03.10.02.0	PHOENIX
=E1	+51	-XS1	Plug	1661.2002	220..250VAC 16A (D)	A9A15310	SCHNEIDER
=E1	+51	-XT50	Distributor	1700.9056	40A-4P/2x10mm 11x4mm2	0 048 85	LEGRAND
=M1	+51	-A25	PDU console panel	2518.1020	Static-Dynamic - IP65 - 24VDC	2518.1020	HASLER
=M1	+51	-U1	Ethernet Switch	2601.9176	5x 10/100BASE-TX/Din Rail	943 824-002	HIRSCHMANN
=M1	+51	-WM1000	Cable PDU COMMUNICATION	1668.9135	RJ45/CAT6/blue/3,0m	856877	LAFI
=M1	+51	-WM1001	Cable PDU COMMUNICATION	1668.9134	RJ45/CAT6/blue/1,5m	856859	LAFI
=M1	+51	-WM1002	Cable PDU COMMUNICATION	1668.9134	RJ45/CAT6/blue/1,5m	856859	LAFI
=M1	+51	-WM1003	Cable PDU COMMUNICATION	1668.9134	RJ45/CAT6/blue/1,5m	856859	LAFI
		-PROB2a.51	Switch cabinet	2720.1346	1000x2000x500, RAL7035	VX 8005.000	RITTAL
		-PROB2a.51	Side panel	2723.2033	500 x 2000, RAL7035	VX 8105.245	RITTAL
		-PROB2a.51	Plinth, front/rear VX	2724.1041	H:100mm / W:1000mm RAL9005	VX 8640.005	RITTAL
		-PROB2a.51	Side plinth	2724.2011	H:100mm / D:500mm RAL9005	VX 8640.032	RITTAL
		-PROB2a.51	Drawing pocket	2726.0044	plastic, DIN A4	SZ 2514.000	RITTAL
		-PROB2a.51	Mounting Rail	2726.0061	32X15X1.5 3m	5000 0308	SOCOMEK
		-PROB2a.51	Mounting bar	2726.0095	Mounting bar L:500 (4pc)	VX 8617.710	RITTAL
		-PROB2a.51	Filter	2240.3019	255 x 255 x 30 RAL 7035	SK 3240.200	RITTAL
		-PROB2a.51	Filter	2240.3019	255 x 255 x 30 RAL 7035	SK 3240.200	RITTAL
		-PROB2a.51	Description plate	3450.0234	-	3450.0234	HASLER
		-PROB2a.51	Transport eyelet	2716.9069	Transport eyelet M12 (4pc)	SZ 4568.000	RITTAL

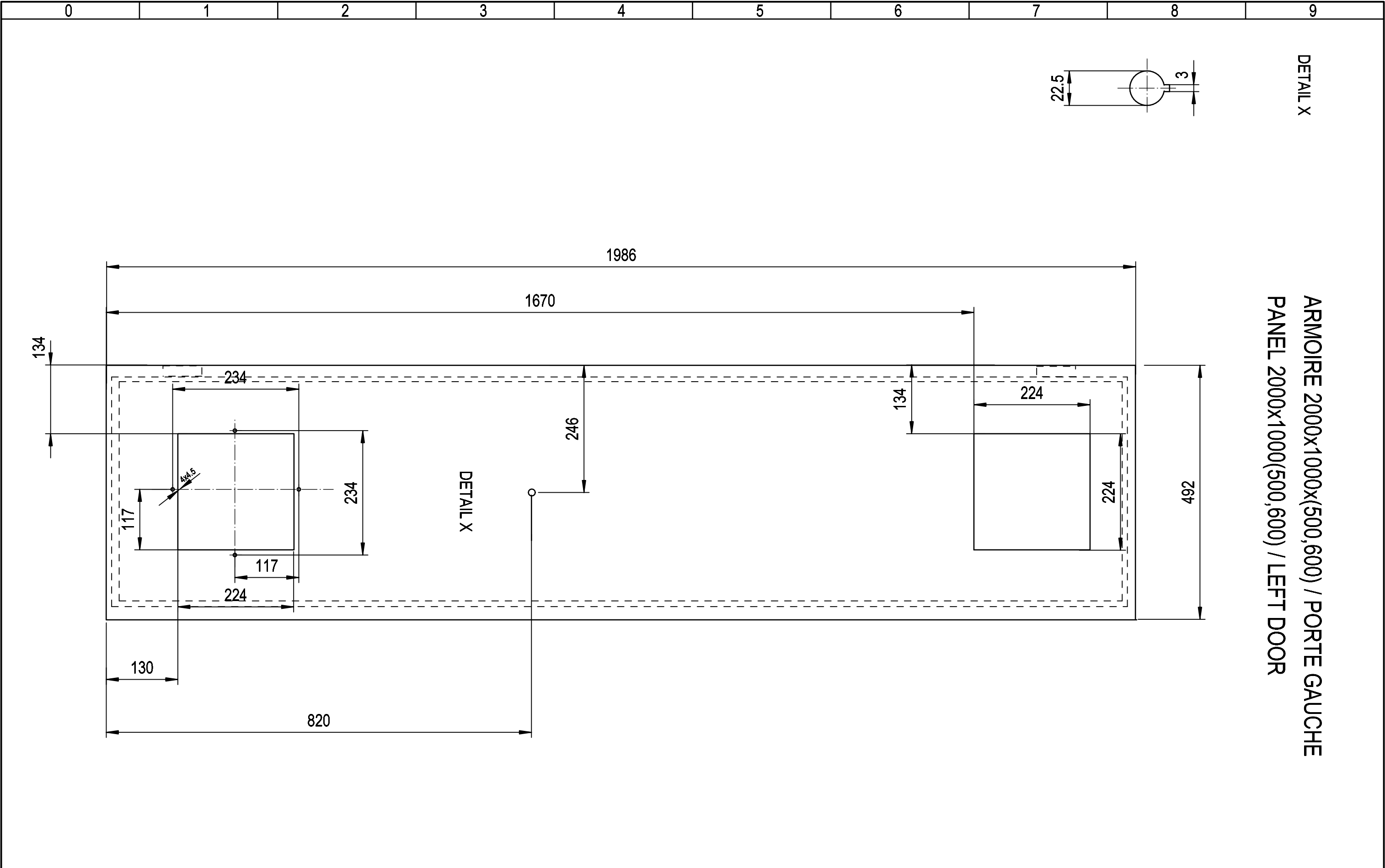
				HASLER		Manufacturer						
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer					
=C1	+CCR	-X2	Plug	1661.1235	10/100	TCSEK3MDS	SCHNEIDER					
=C1	+CCR	-X2.	Plug	1661.1235	10/100	TCSEK3MDS	SCHNEIDER					
=D1	+01	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER					
=D1	+01	-A26	Portable console PDU	2518.1010	Static-Dynamic - IP65 - 24VDC	2518.1010	HASLER					
=D1	+01	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER					
=D1	+01	-A50	Weight Converter	2519.1010	3x Digital -analog weight channels	2519.1010	HASLER					
=D1	+01	-BP1	Load cell	1550.0401	200 Kg, 2mV/V +/-10%	Z6-FD1 200KG	HBM					
=D1	+01	-BQ1	Inductive detect.	1551.0001	PNP (NO)	IB 5063	IFM ELECTRONIC AG					
=D1	+01	-E1	Weight Convertor holder	3466.1108	----	-	HASLER					
=D1	+01	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER					
=D1	+01	-M1										
=D1	+01	-S1	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D1	+01	-S2	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D1	+01	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER					
=D2	+02	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER					
=D2	+02	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER					
=D2	+02	-A50	Weight Converter	2519.1010	3x Digital -analog weight channels	2519.1010	HASLER					
=D2	+02	-BP1	Load cell	1550.0401	200 Kg, 2mV/V +/-10%	Z6-FD1 200KG	HBM					
=D2	+02	-BQ1	Inductive detect.	1551.0001	PNP (NO)	IB 5063	IFM ELECTRONIC AG					
=D2	+02	-E1	Weight Convertor holder	3466.1108	----	-	HASLER					
=D2	+02	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER					
=D2	+02	-M1										
=D2	+02	-S1	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D2	+02	-S2	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D2	+02	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER					
=D3	+01	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER					
=D3	+03	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER					
=D3	+03	-A50	Weight Converter	2519.1010	3x Digital -analog weight channels	2519.1010	HASLER					
=D3	+03	-BP1	Load cell	1550.0401	200 Kg, 2mV/V +/-10%	Z6-FD1 200KG	HBM					
=D3	+03	-BQ1	Inductive detect.	1551.0001	PNP (NO)	IB 5063	IFM ELECTRONIC AG					
=D3	+03	-E1	Weight Convertor holder	3466.1108	----	-	HASLER					
=D3	+03	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER					
<div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM:		Inst.		Loc.		
			6 Material list 6.2 General list					Project no.:	Type	Incr. No	language	Rev.:
									PROB2a .015 .002-		E	a

				HASLER		Manufacturer						
Installation	Loc.	Device	Designation	Part number	Technical data	Part number	Manufacturer					
=D3	+03	-M1										
=D3	+03	-S1	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D3	+03	-S2	Limit switch	1700.6002	-	XCK-J10559	SCHNEIDER					
=D3	+03	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER					
=D4	+01	-BR2										
=D4	+04	-A21	Local operation box	2733.2300	Standard 2K2	2733.2300	HASLER					
=D4	+04	-A40	Terminal box	3401.1971	SCMIII/WBF(BI,SI,BD,SS,FLT&Ser.Plug)	A3.3401.1971	HASLER					
=D4	+04	-A60	Terminal box	3401.0311	BB belt drift	3401.0311	HASLER					
=D4	+04	-BP1										
=D4	+04	-BQ1	Inductive detect.	1551.0001	PNP (NO)	IB 5063	IFM ELECTRONIC AG					
=D4	+04	-BQ2	Inductive detect.	1551.0001	PNP (NO)	IB 5063	IFM ELECTRONIC AG					
=D4	+04	-BR1										
=D4	+04	-BR1A										
=D4	+04	-E2	Junction box holder	3400.0456	Terminal box:SCM3/350X100	3400.0456 reva	HASLER					
=D4	+04	-M1	Asynchronus motor	3451.0958	1,5KW/460V-60Hz/PTC/Fan/1024p	90DRN90LA4FE-TF-ES7V	USOCOME					
=D4	+04	-M2										
=D4	+04	-S1	Relay	1710.6002	110 VAC / 4xCO	RXN41G11F7	SCHNEIDER					
=D4	+04	-S2	Relay	1710.6002	110 VAC / 4xCO	RXN41G11F7	SCHNEIDER					
=D4	+04	-S3	Relay	1710.6002	110 VAC / 4xCO	RXN41G11F7	SCHNEIDER					
=D4	+04	-S4	Relay	1710.6002	110 VAC / 4xCO	RXN41G11F7	SCHNEIDER					
=D4	+04	-SB1	Emergency-stop	1701.1013	2xNC / -Steel	XAPJ1201&XB4 BS8444	SCHNEIDER					
=E1	+52	-EV3	Fan	1840.0025	230/250m3/h / 230V / RAL 7035	SK 3241.100	RITTAL					
=E1	+52	-H2	Cubicle lighting	2727.9937	110-240V,50-60Hz,18W / LED	SZ 2500.300	RITTAL					
=E1	+52	-H2	Power cord	2727.9938	ORANGE, 3m, 3 p	SZ 2500.500	RITTAL					
=SP4	+04	-M1	Motor AC	3450.0386	3P, 1.5KW	DFT90L4	SEW					
		-PROB2a.71	Switch box	2720.1925	800x1000x400-Steel-RAL7035	AX 1181.000	RITTAL					
		-PROB2a.71	Wall bracket	2716.9076	20mm (4pc)	SZ 2508.020	RITTAL					
		-PROB2a.71	Description plate	3450.0234	-	-> replaced by H00020077	HASLER					
		-PROB2a.71	Mounting bracket	2716.9090	Led lamp mounting kit/ Emb 4p	6205.100	RITTAL					
		-PROB2a.71	Mounting bar	2726.1026	23x64mm,Cubicle depth:400mm	2394.400	RITTAL					
		-PROB2a.71	Mounting bar	2726.1027	14x39mm,Door width:800mm	4697.000	RITTAL					
		-PROB2a.71	Mounting bar	2726.1028	13x26mm,Cubicle width:800mm	8619.730	RITTAL					
<div><div><div>/// HASLER</div><div>GROUP</div></div><div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div></div>			CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)			ITEM:		Inst.		Loc.		
			6 Material list 6.2 General list					Project no.:	Type	Incr. No	language	Rev.:
								PROB2a .015 .002-		E . a		171



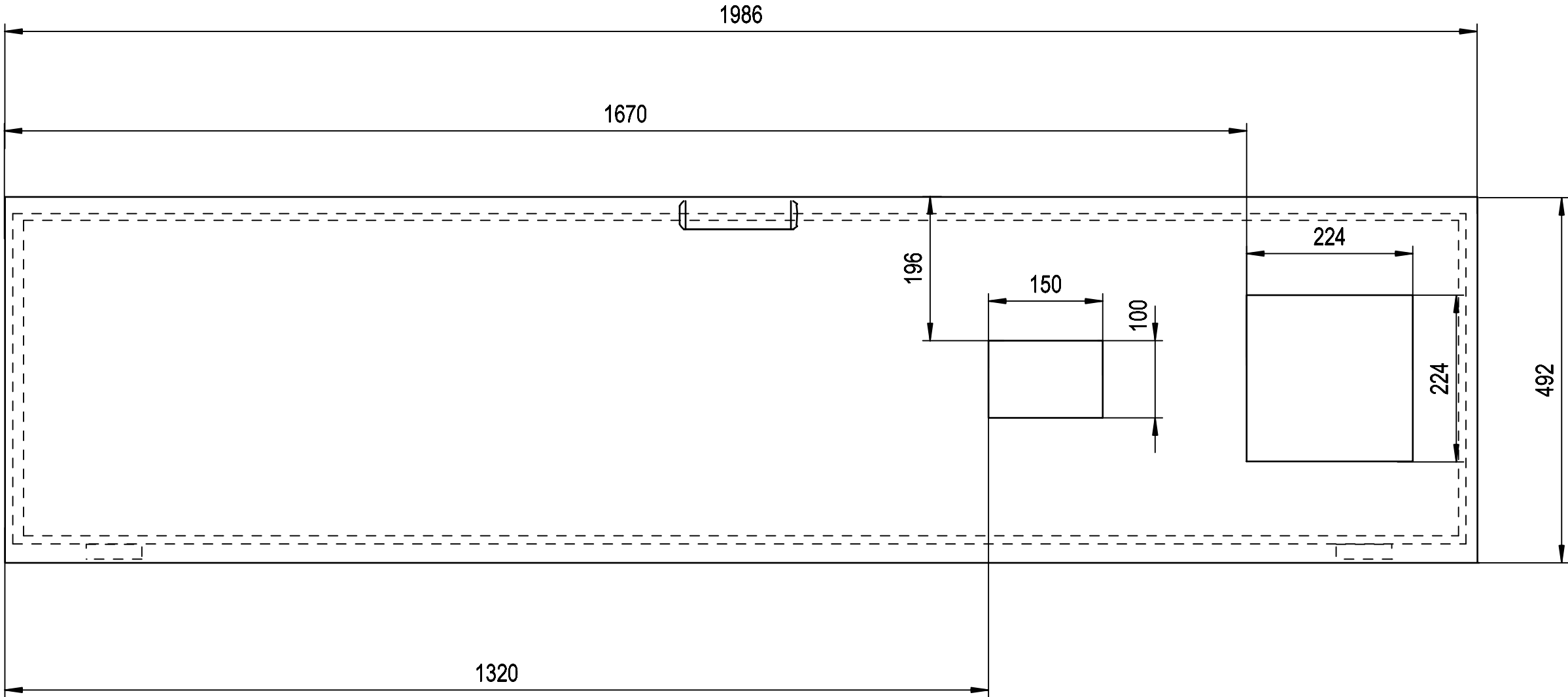
ARMOIRE 2000x800 x (500,600)  
PANEL 2000x800x(500,600)

DETAIL X




ARMOIRE 2000x1000(500,600) / PORTE GAUCHE  
PANEL 2000x1000(500,600) / LEFT DOOR

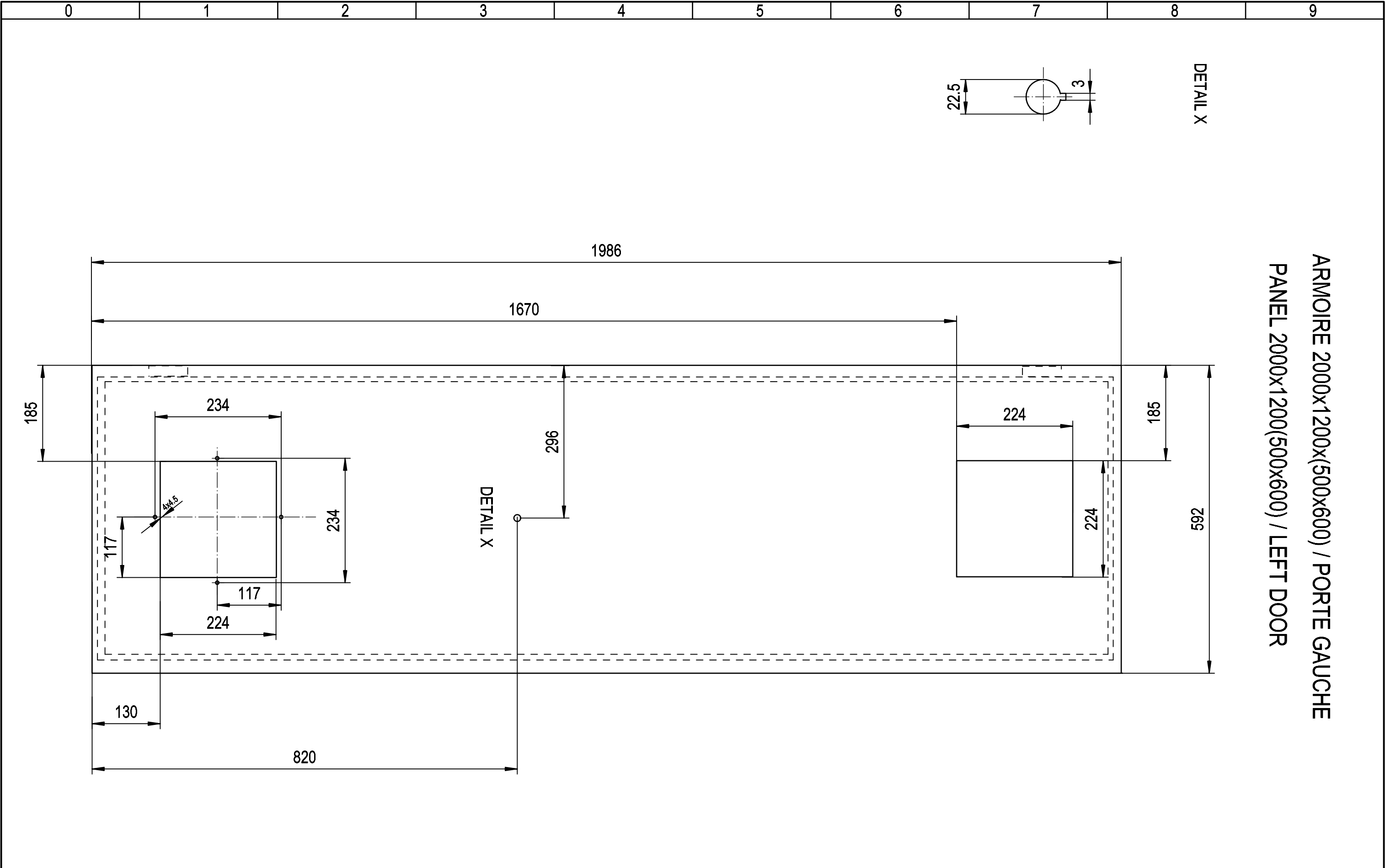
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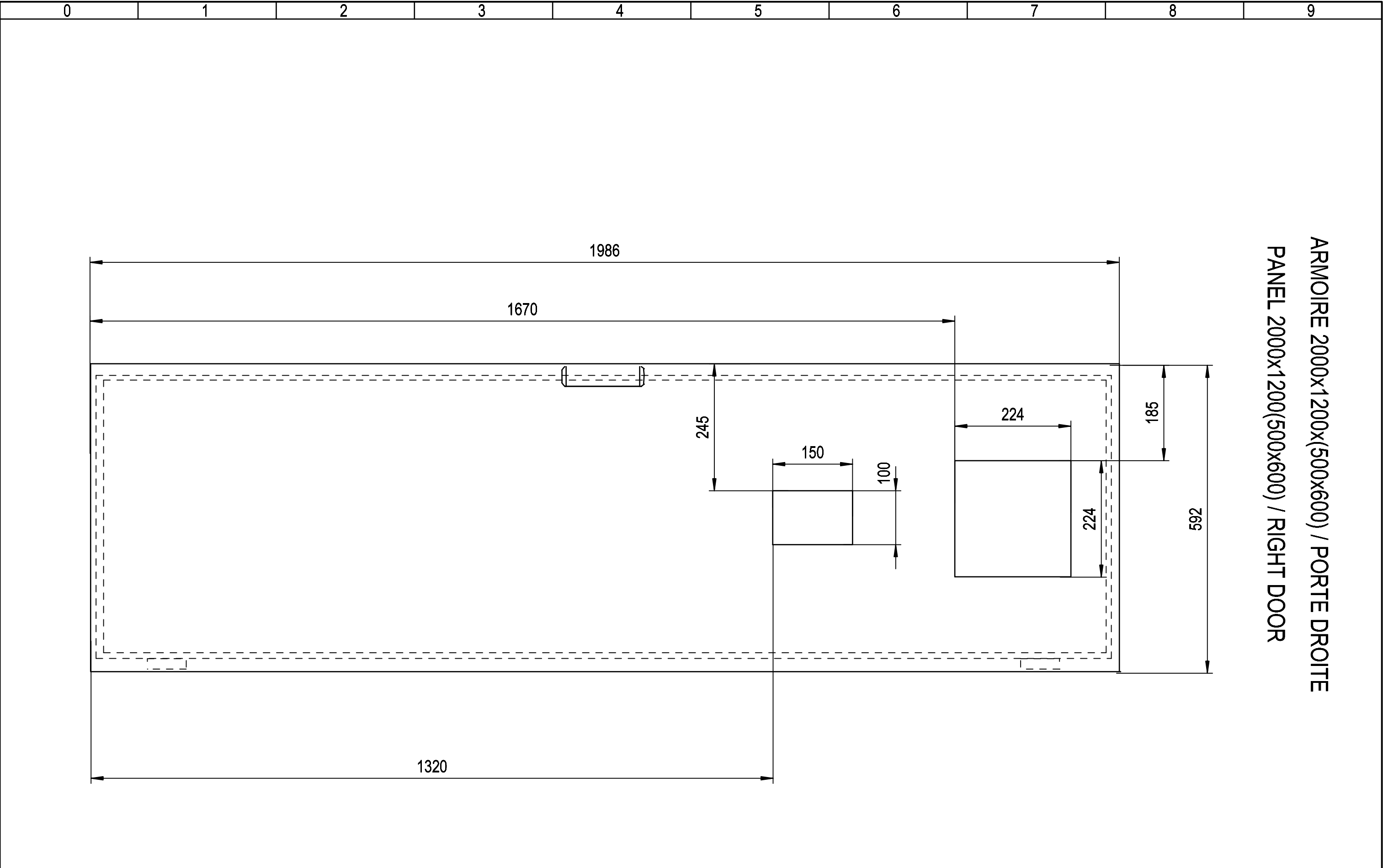
ARMOIRE 2000x1000x(500,600) / PORTE DROITE  
PANEL 2000x1000(500,600) / RIGHT DOOR

										range 0.15	
<div></div> <div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div>	CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)				ITEM :	Inst.		Loc.			
	7 Manufacturing					Project no.:	Type	Incr. No	language	Rev.:	page:
	7.1 Door cutting					PROB2a .032 .001 -			E	a	174

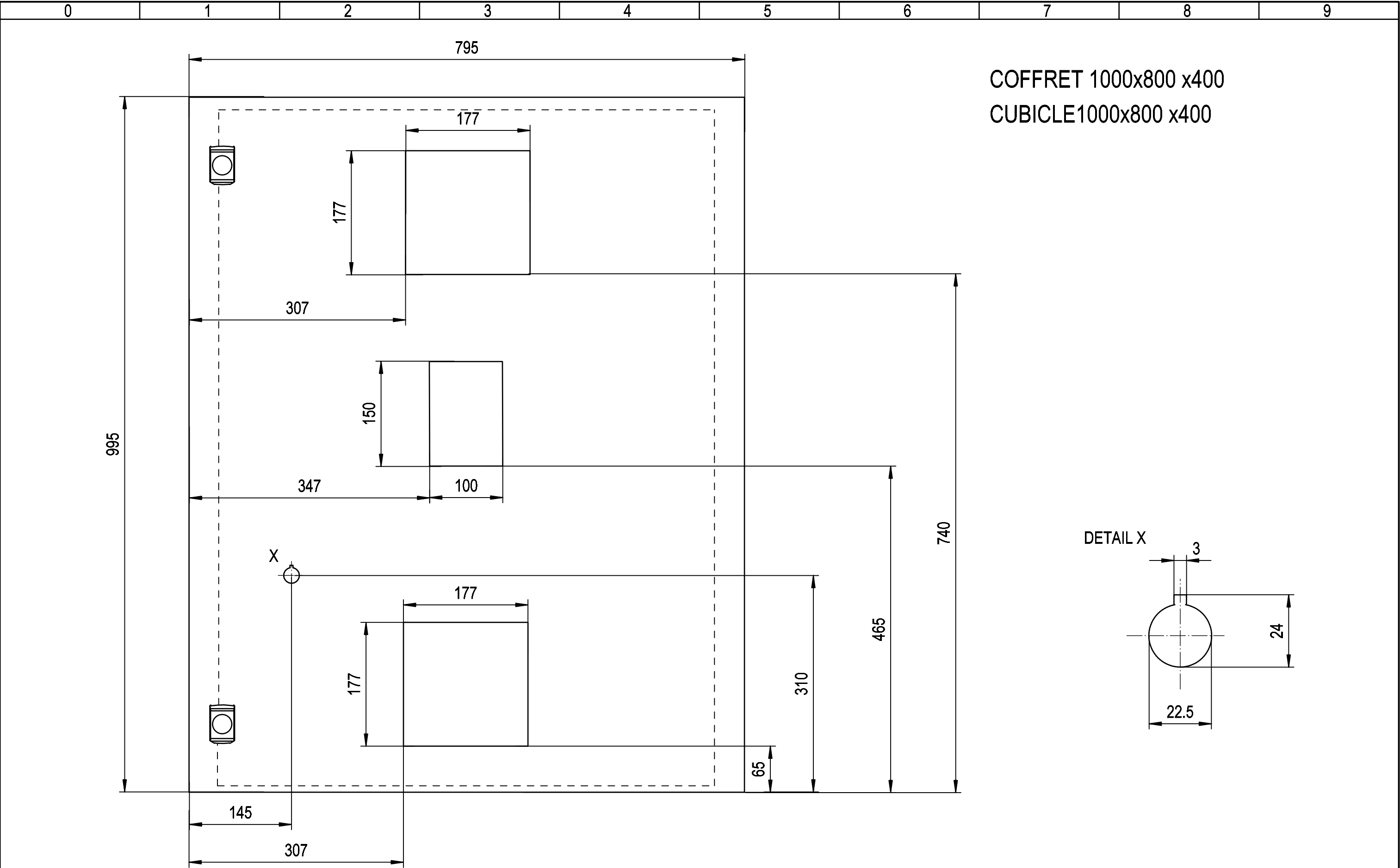




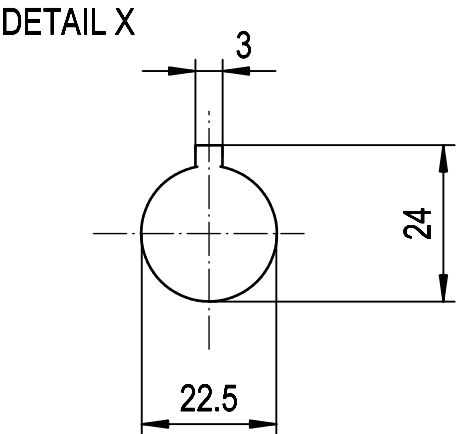
ARMOIRE 2000x1200x(500x600) / PORTE GAUCHE  
PANEL 2000x1200(500x600) / LEFT DOOR

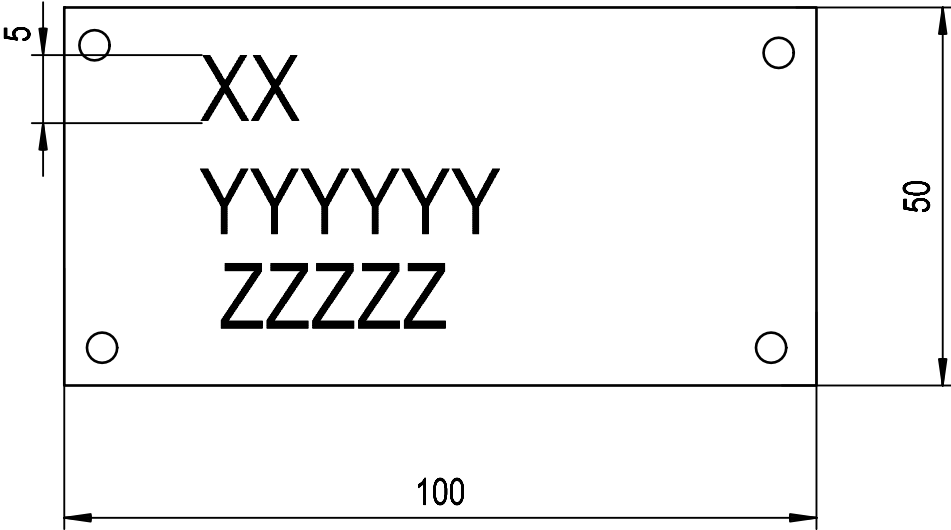


ARMOIRE 2000x1200x(500x600) / PORTE DROITE  
PANEL 2000x1200(500x600) / RIGHT DOOR



COFFRET 1000x800 x400  
CUBICLE1000x800 x400





A MONTER SUR PORTE ARMOIRE  
TO BE MOUNTED ON DOOR PANEL

- |   |                        |   |
|---|------------------------|---|
| ○ | 1. PROB2a.01 Clinker   | ○ |
|   | 2. PROB2a.02 Gypsum    |   |
|   | 3. PROB2a.03 Limestone |   |
| ○ | 4. PROB2a.04 ADDITIV   | ○ |

MATIERE : RESOPAL ( BLANC)  
FIXATION :VIS, RIVET,..  
ECRITURE :NOIR  
QUANTITE : 1x

MATERIAL : RESOPAL ( WHITE)  
FIXATION :SCREW, RIVET,..  
WRITING :BLACK  
QUANTITE : 1x



MATIERE : PVC, VYNIL,.. ( JAUNE)  
FIXATION :AUTO-COLLANT  
NORME : ISO 7010  
DIMENSIONS :25X25mm...50X50mm  
QUANTITE : 2x

MATERIAL : PVC, VYNIL,.. ( YELLOW)  
FIXATION :SELF STICKY  
STANDARD : ISO 7010  
DIMENSIONS :25X25mm...50X50mm  
QUANTITY : 2x

A PLACER SUR LE CANAL ARMOIRE ELEC  
TO BE PLACED ON CABLE TRAY OF THE ELECTRICAL PANEL

0	1	2	3	4	5	6	7	8	9
<div><div><div><div><div>3,5</div><div>XXXXXXX YYYYYYYY ZZZZZZ</div><div>30</div></div><div><div>65</div></div></div></div></div> <div><div>MATIERE : RESOPAL ( BLANC)    MATERIALE : RESOPAL ( WHITE) FIXATION :AUTOCOLLANT        FIXATION :SELF STICKY ECRITURE :NOIR                WRITING :BLACK QUANTITE : 1x                QUANTITY : 1x</div></div>						<div>ENGLISH</div> <div>Remain Under voltage when main power off</div> <div>GERMAN</div> <div>'Bleibt unter Spannung wenn die Hauptstromversorgung ausgeschaltet ist</div> <div>FRENCH</div> <div>'Reste sous tension lorsque l'alimentation principale est coupée</div> <div>ITALIAN</div> <div>Rimane acceso quando l'alimentazione principale è spenta</div> <div>SPANISH</div> <div>'Permanece energizado cuando la alimentación principal está apagada</div> <div>RUSSIAN</div> <div>Остается под напряжением при отключении основного питания</div>			
								range 1	
<div><div><div><div><div></div><div>HASLER</div><div>GROUP</div></div><div><div>HASLER Group S.A.S. Z.I. de L'Abbaye 38780 Pont-Evêque France</div></div></div></div></div>		CLIENT NAME - STANDARD WBF APPLICATION (SCM3P)		ITEM :		Inst. =D1		Loc.	
		7 Manufacturing 7.2 Engraving				Project no.: Type Incr. No language Rev.:		page:	
						PROB2a .032 .002- E . a		180	

