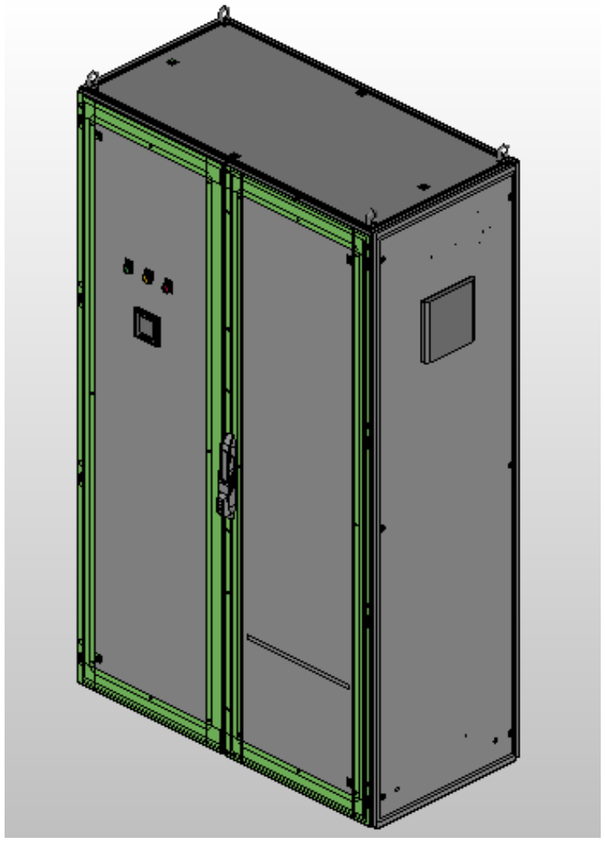
Company / customer :
Company country :
Company city :
Creator : HosseinAli Khoshayand
Creator country : IRAN
Creator city : ISFAHAN
Creator phone : +989132102529
Creator E-mail : ali_khoshayand@yahoo.com

Enclosure manufacturing company	Rittal
Model of enclosure	Baying enclosure system VX25
Material of enclosure	Stainless steel
Dimension of enclosure	W=1200 mm H=2000 mm D=600 mm
Ingress protection (IP)	

Project name	Main Distribution Panel
Project template	IEC_tpl001.ept
Number of pages	38
Voltage source	400 V (including 230 V)
Frequency	50 Hz
Current of main circuit breaker	1600 (A)
Current of short circuit main breaker	37 (KA)
Number of subsidiary circuit breakers	400 (A) / 400 (A) / 250 (A) / 160 (A)
Power supply	
Control voltage	



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Page	Page type	Page description	Higher-level function	Mounting location	Creator	Job number	Phone number	E-mail	Edited by
1	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
2	Table of contents	Table of contents	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
3	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
4	Device tag list	Device tag list	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
4.a	Device tag list	Device tag list	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
4.b	Device tag list	Device tag list	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
7	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
8	Parts list	Part list	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
9	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
10	Terminal-connection diagram	Terminal-connection diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
11	Terminal-connection diagram	Terminal-connection diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
12	Terminal-connection diagram	Terminal-connection diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
13	Terminal-connection diagram	Terminal-connection diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
14	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
15	Terminal-strip overview	Terminal-strip overview	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
16	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
17	Terminal diagram	Terminal diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
18	Terminal diagram	Terminal diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
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20	Terminal diagram	Terminal diagram	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
21	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
22	Model view	Model view (Top view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
23	Model view	Model view (Bottom view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
24	Model view	Model view (Left view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
25	Model view	Model view (Right view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
26	Model view	Model view (Front view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
27	Model view	Model view (Back view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
28	Model view	SW view (Right view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
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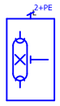
30	Model view	Model view (NE view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
31	Model view	Model view (NW view)	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
32	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
33	Schematic single-line	Q1 & PM	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
34	Schematic single-line	Q2 ~ Q5	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
35	Title page / cover sheet	Cover sheet	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
36	Schematic multi-line	Q1 & PM	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
37	Schematic multi-line	Fan & Lighting	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	
38	Schematic multi-line	Q2 ~ Q5	FS	S1	HosseinAli Khoshayand		+989132102529	ali_khoshayand@yahoo.com	

DEVICE TAG LIST

Device tag list

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
		/33.0	
-2 PXC.3022218 CLIPFIX 35	CLIPFIX 35 - End bracket	(1.MP2)	
-U2		(1.MP2)	
-U3 RIT.8800750(1) TS.8800750	TS Cable duct for mounting plate, WHD: 20x2000x20 mm	(1.MP2)	
-U4 RIT.2313150 SZ.2313150	SZ Support rail to EN 60 715, version TS 35/15, L: 2000 mm	(1.MP2)	
-U5 RIT.8800750(1) TS.8800750	TS Cable duct for mounting plate, WHD: 20x2000x20 mm	(1.MP2)	
-U9 RIT.2313150 SZ.2313150	SZ Support rail to EN 60 715, version TS 35/15, L: 2000 mm	(1)	
-CT SIE.4NC5438-2CJ21 85043129	CT 2000/5 A, 12.5 VA, Cl. 1.0	/33.1	
-CT1 SIE.4NC5438-2CJ21 85043129	CT 2000/5 A, 12.5 VA, Cl. 1.0	/36.1	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-CT2 SIE.4NC5438-2CJ21 85043129	CT 2000/5 A, 12.5 VA, Cl. 1.0	/36.1	
-CT3 SIE.4NC5438-2CJ21 85043129	CT 2000/5 A, 12.5 VA, Cl. 1.0	/36.1	
-E1 STE.06001.0-00	Heater with thermostat Heater	/37.5	
-F1 SIE.5SY4104-7 5SY4104-7	MCB CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 4A, D=70MM	/36.2	
-H1 SIE.3SU1051-6AA40-0AA0 3SU1051-6AA40-0AA0	INDICATOR LIGHT, GREEN	/33.8	
-H2 SIE.3SU1051-6AA30-0AA0 3SU1051-6AA30-0AA0	INDICATOR LIGHT, YELLOW	/33.8	
-H3 SIE.3SU1051-6AA20-0AA0 3SU1051-6AA20-0AA0	INDICATOR LIGHT, RED	/33.8	
-H4 RIT.2500210 SZ.2500210	Lighting LED system light	/33.6	
-L1 RIT.3589005(1) SV.3589005	SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	/36.0	

DRWN.NO		TITLE	Main Distribution Panel		
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com
CHECKED BY		Phone number		EMAIL	
APPROVED BY		Phone number		EMAIL	

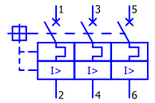
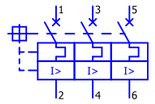
EMPLOYER :

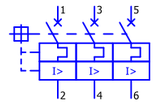
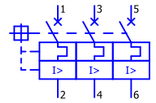
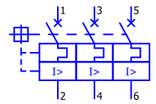
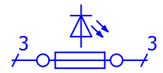
PREPARED :

Higher - level function : FS

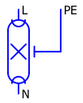
Mounting location : S1

Device tag list

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-L2 RIT.3589005(1) SV.3589005	 SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	/36.0	
-L3 RIT.3589005(1) SV.3589005	 SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	/36.0	
-M1 RIT.3239700	Ventilator Ventilator	/33.3	
-M2 RIT.3239700	= Ventilator	/33.4	
-N RIT.3589005(1) SV.3589005	Busbar N SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	/36.2	
-PE RIT.3589005(4)(1) SV.3589005	Busbar PE SV Busbar E-Cu, WH: 50x10 mm, L: 2400 mm	/36.2	
-PM1 398144432	 Power meter	/36.8	
-Q1 33482	MCCB MCCB_1600A_37KA	/36.1	
-Q2 G40F3A400	= MCCB 400, 36kA	/38.1	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-Q3 G40F3A400	= MCCB 400, 36kA	/38.3	
-Q4 G25B3A250	= MCCB 250, 25kA	/38.6	
-Q5 G20B3A160	= MCCB 160, 25kA	/38.8	
-S1 STE.01147.9-00	Thermostat Small Thermostat	/37.2	
-S2 Z-15GW2-B	Limit switch Limit switch	/33.6	
-X1 1831130000	 Isolating terminal	/36.3	
-X2 PXC.3036563 ST 4-HESILA 250 (5X20)	 Fuse modular terminal block	/33.6	
-X3 PXC.3209523 PT 2,5 BU	 Feed-through terminal block (2,5 BU)	/36.6	
-X4 PXC.1176299 PT 2,5 BN	 Feed-through terminal block (2,5 BN)	/36.2	

Device tag list

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-X5 PXC.1176299 PT 2,5 BN	Feed-through terminal block (2,5 BN)	/37.2	
+A1-H1 SIE.3SU1051-6AA40-0AA0 3SU1051-6AA40-0AA0	INDICATOR LIGHT, GREEN	/37.8	
+A1-H2 SIE.3SU1051-6AA30-0AA0 3SU1051-6AA30-0AA0	INDICATOR LIGHT, YELLOW	/37.8	
+A1-H3 SIE.3SU1051-6AA20-0AA0 3SU1051-6AA20-0AA0	INDICATOR LIGHT, RED	/37.8	
+A4-M2 RIT.3239700	Ventilator Ventilator	/37.4	
+A3-M1 RIT.3239700	= Ventilator	/37.2	
+A5-H4 RIT.2500210 SZ.2500210	Lighting LED system light	/37.7	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol

DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS	Page description : Device tag list
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com				Page number : 6 of 38
CHECKED BY		Phone number		EMAIL				Mounting location : S1	Previous page : 4.a
APPROVED BY		Phone number		EMAIL					Next page : 7

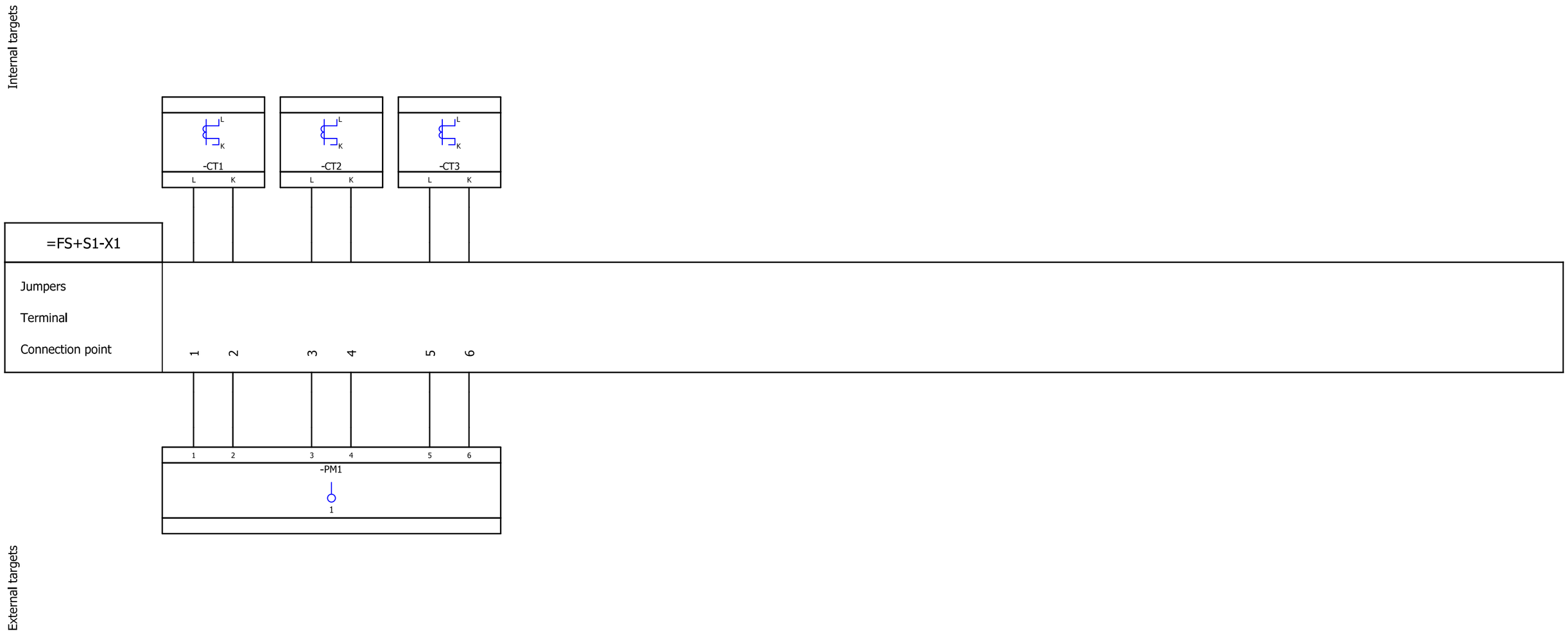
PART LIST

Parts list

Device tag	Quantity	Designation	Type number	Supplier	Part number
	0				
	12	SV Busbar E-Cu, WH: 60x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(7)
	27	SV Busbar E-Cu, WH: 20x5 mm, L: 2400 mm	SV.3581000	RIT	RIT.3581000(1)
	6	SV Busbar E-Cu, WH: 15x5 mm, L: 2400 mm	SV.3581000	RIT	RIT.3581000(3)
	3	SV Busbar E-Cu, WH: 20x3 mm, L: 2400 mm	SV.3581000	RIT	RIT.3581000(2)
-U2	0				
-U3	1	TS Cable duct for mounting plate, WHD: 20x2000x20 mm	TS.8800750	RIT	RIT.8800750(1)
-U4	1	SZ Support rail to EN 60 715, version TS 35/15, L: 2000 mm	SZ.2313150	RIT	RIT.2313150
-U5	1	TS Cable duct for mounting plate, WHD: 20x2000x20 mm	TS.8800750	RIT	RIT.8800750(1)
-U9	1	SZ Support rail to EN 60 715, version TS 35/15, L: 2000 mm	SZ.2313150	RIT	RIT.2313150
-CT	1	CT 2000/5 A, 12.5 VA, Cl. 1.0	85043129	SIE	SIE.4NC5438-2CJ21
-CT1	1	CT 2000/5 A, 12.5 VA, Cl. 1.0	85043129	SIE	SIE.4NC5438-2CJ21
-CT2	1	CT 2000/5 A, 12.5 VA, Cl. 1.0	85043129	SIE	SIE.4NC5438-2CJ21
-CT3	1	CT 2000/5 A, 12.5 VA, Cl. 1.0	85043129	SIE	SIE.4NC5438-2CJ21
-E1	2	Heater		STE	STE.06001.0-00
-F1	2	CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 4A, D=70MM	5SY4104-7	SIE	SIE.5SY4104-7
-H1	1	INDICATOR LIGHT, GREEN	3SU1051-6AA40-0AA0		SIE.3SU1051-6AA40-0AA0
-H1	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
-H2	1	INDICATOR LIGHT, YELLOW	3SU1051-6AA30-0AA0		SIE.3SU1051-6AA30-0AA0
-H2	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
-H3	1	INDICATOR LIGHT, RED	3SU1051-6AA20-0AA0	SIE	SIE.3SU1051-6AA20-0AA0
-H3	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
-H4	1	LED system light	SZ.2500210	RIT	RIT.2500210
-L1	2	SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(1)
-L2	2	SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(1)
-L3	2	SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(1)
-M1	1	Ventilator		RIT	RIT.3239700
-M2	1	Ventilator		RIT	RIT.3239700
-N	2	SV Busbar E-Cu, WH: 80x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(1)
-PE	1	SV Busbar E-Cu, WH: 50x10 mm, L: 2400 mm	SV.3589005	RIT	RIT.3589005(4)(1)
-PM1	2	Power meter		SE	398144432
-PM1	0				
-Q1	2	MCCB_1600A_37KA		SE	33482
-Q2	2	MCCB 400, 36kA		SE	G40F3A400
-Q3	2	MCCB 400, 36kA		SE	G40F3A400
-Q4	2	MCCB 250, 25kA		SE	G25B3A250
-Q5	2	MCCB 160, 25kA		SE	G20B3A160
-S1	2	Small Thermostat		STE	STE.01147.9-00
-S2	2	Limit switch		OMRON	Z-15GW2-B
-X2	1	Fuse modular terminal block	ST 4-HESILA 250 (5X20)	PXC	PXC.3036563
-X2	0				
+A1-H1	1	INDICATOR LIGHT, GREEN	3SU1051-6AA40-0AA0		SIE.3SU1051-6AA40-0AA0
+A1-H1	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
+A1-H2	1	INDICATOR LIGHT, YELLOW	3SU1051-6AA30-0AA0		SIE.3SU1051-6AA30-0AA0
+A1-H2	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
+A1-H3	1	INDICATOR LIGHT, RED	3SU1051-6AA20-0AA0	SIE	SIE.3SU1051-6AA20-0AA0
+A1-H3	1	HOLDER	3SU1500-0AA10-0AA0	SIE	SIE.3SU1500-0AA10-0AA0
+A4-M2	1	Ventilator		RIT	RIT.3239700
+A3-M1	1	Ventilator		RIT	RIT.3239700
+A5-H4	1	LED system light	SZ.2500210	RIT	RIT.2500210

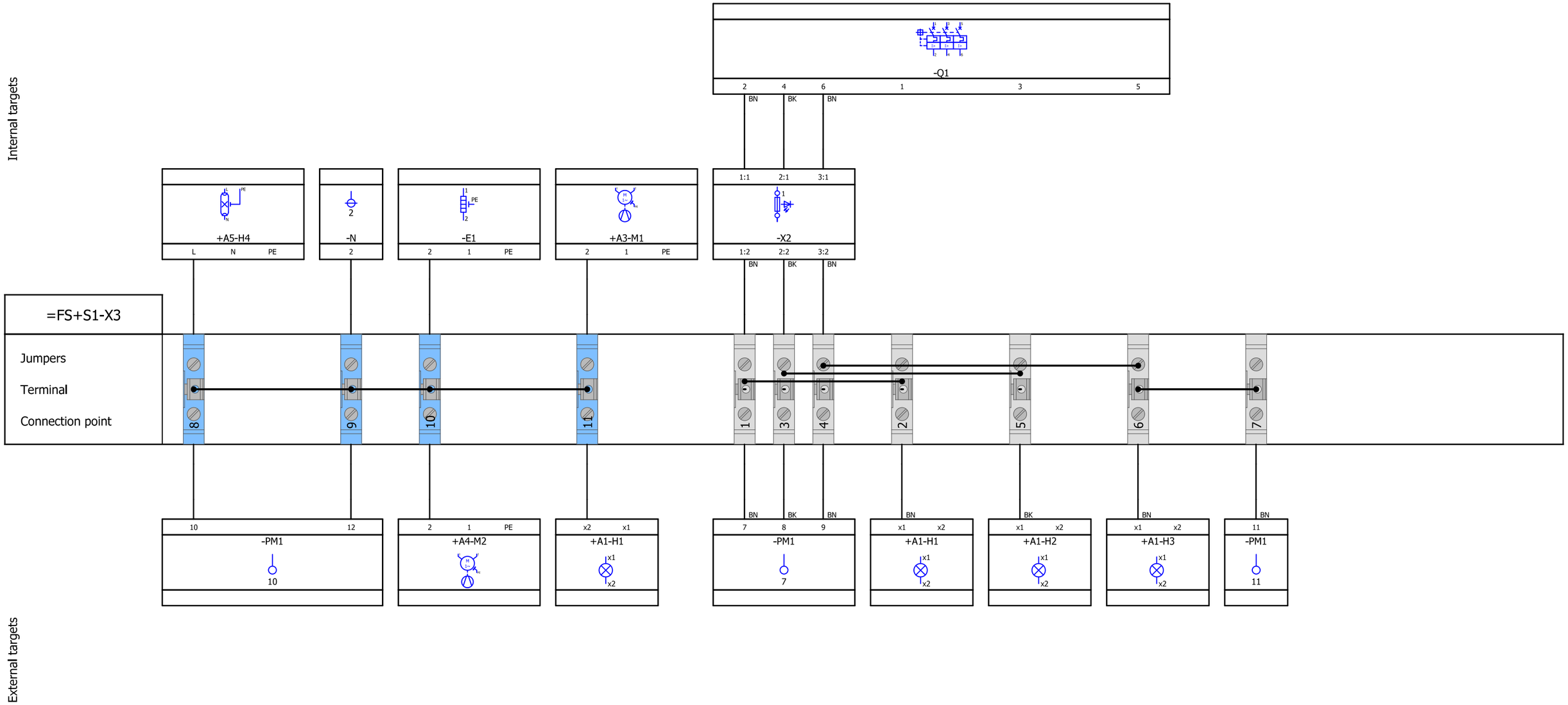
TERMINAL CONECTION DIAGRAM

Terminal-connection diagram



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS	Page description : Terminal-connection diagram
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com				Page number : 10 of 38
CHECKED BY		Phone number		EMAIL				Mounting location : S1	Previous page : 9
APPROVED BY		Phone number		EMAIL					Next page : 11

Terminal-connection diagram



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Terminal-connection diagram
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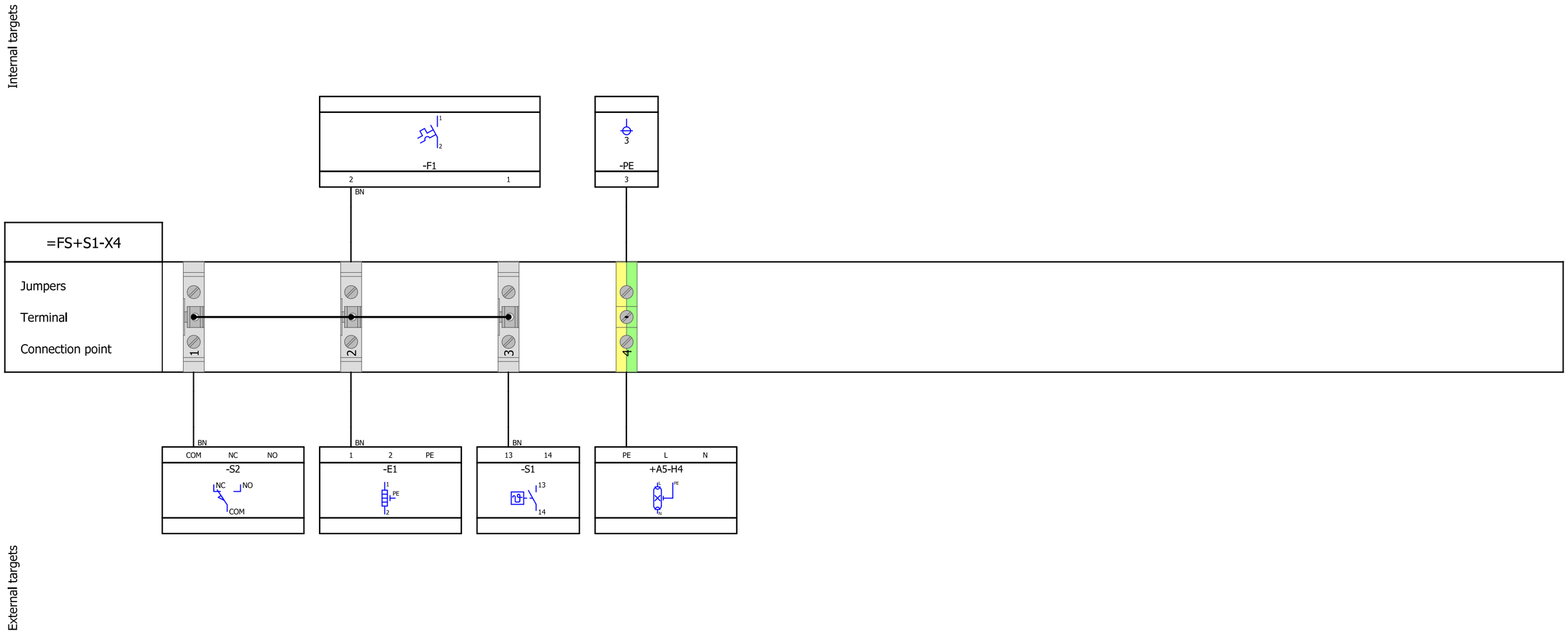
Previous page : 10
Next page : 12

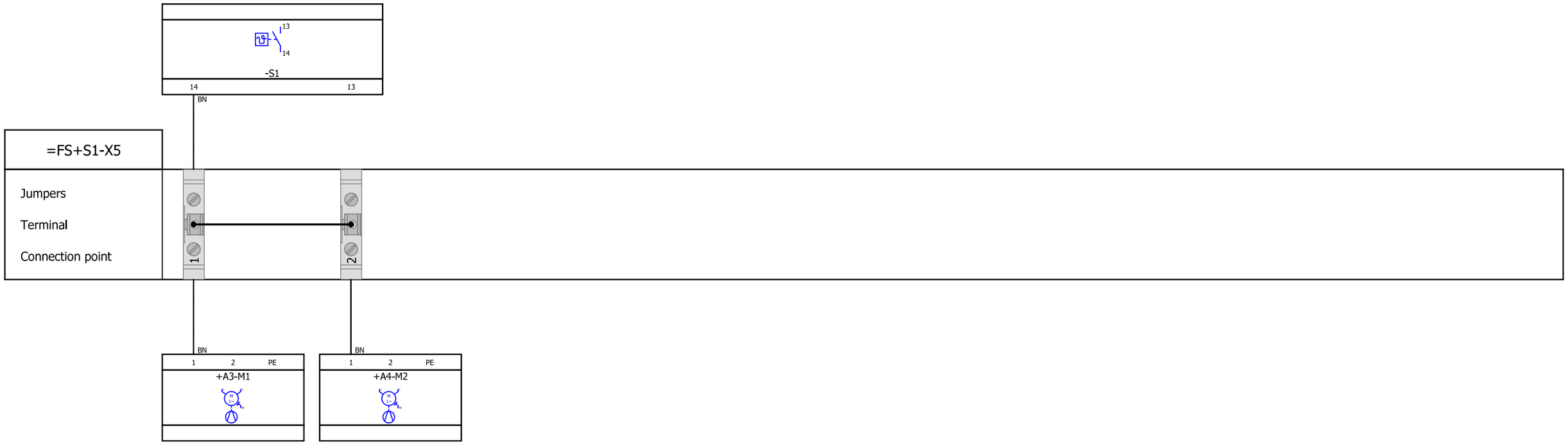
Terminal-connection diagram



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS	Page description : Terminal-connection diagram
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com				Page number : 12 of 38
CHECKED BY		Phone number		EMAIL				Mounting location : S1	Previous page : 11
APPROVED BY		Phone number		EMAIL					Next page : 13

Terminal-connection diagram

Internal targets



External targets

DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Terminal-connection diagram
Page number : 13 of 38
Previous page : 12
Next page : 14

TERMINAL STRIP OVERVIEW

Terminal-strip overview

Terminal strip	Terminal strip definition text	Terminals					Graphical page of terminal diagrams
		first	last	Total PE	Total N	Total number	
-X1		1	6	0	0	6	=FS+S1/17
-X3		1	11	0	4	11	=FS+S1/18
-X4		1	4	1	0	4	=FS+S1/19
-X5		1	2	0	0	2	=FS+S1/20

TERMINAL DIAGRAM

Terminal diagram

Function text									Cable name	Strip =FS+S1-X1						Cable name					Page / column
									Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type					
										-PM1	1	1		-CT1	L						/36.3
										-PM1	2	2		-CT1	K						/36.3
										-PM1	3	3		-CT2	L						/36.3
										-PM1	4	4		-CT2	K						/36.3
										-PM1	5	5		-CT3	L						/36.3
										-PM1	6	6		-CT3	K						/36.3

DRWN.NO		TITLE	Main Distribution Panel		
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com
CHECKED BY		Phone number		EMAIL	
APPROVED BY		Phone number		EMAIL	

EMPLOYER :

PREPARED :

Higher - level function : FS

Mounting location : S1

Page description : Terminal diagram

Page number : 17 of 38

Previous page : 16

Next page : 18

Terminal diagram

Strip

=FS+S1-X3

Function text	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
		-PM1	10	8		+A5-H4	L		/36.6
		-PM1	12	9		-N	2		/36.6
		+A4-M2	2	10		-E1	2		/36.6
		+A1-H1	x2	11		+A3-M1	2		/36.6
		+A1-H2	x2						
		+A1-H3	x2						
		-PM1	7	1		-X2	1:2		/36.6
		-PM1	8	3		-X2	2:2		/36.6
		-PM1	9	4		-X2	3:2		/36.6
		+A1-H1	x1	2					/36.6
		+A1-H2	x1	5					/36.6
		+A1-H3	x1	6					/36.6
		-PM1	11	7					/36.6

DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		
CHECKED BY		Phone number		EMAIL			
APPROVED BY		Phone number		EMAIL			

Higher - level function : FS

Mounting location : S1

Page description : Terminal diagram

Page number : 18 of 38

Previous page : 17

Next page : 19

Terminal diagram

Strip

=FS+S1-X4

Function text	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
		-S2	COM	1					/36.2
		-E1	1	2		-F1	2		/36.2
		-S1	13	3					/36.2
		+A5-H4	PE	4		-PE	3		/36.3
		-E1	PE						
		+A4-M2	PE						
		+A3-M1	PE						

DRWN.NO		TITLE	Main Distribution Panel		
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com
CHECKED BY		Phone number		EMAIL	
APPROVED BY		Phone number		EMAIL	

EMPLOYER :

PREPARED :

Higher - level function : FS

Mounting location : S1

Page description : Terminal diagram

Page number : 19 of 38

Previous page : 18

Next page : 20

Terminal diagram

Strip

=FS+S1-X5

Function text	Cable name	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type	Cable name	Page / column
			+A3-M1	1	1		-S1	14			/37.2
			+A4-M2	1	2						/37.2

DRWN.NO		TITLE	Main Distribution Panel		
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com
CHECKED BY		Phone number		EMAIL	
APPROVED BY		Phone number		EMAIL	

EMPLOYER :

PREPARED :

Higher - level function : FS

Mounting location : S1

Page description : Terminal diagram

Page number : 20 of 38

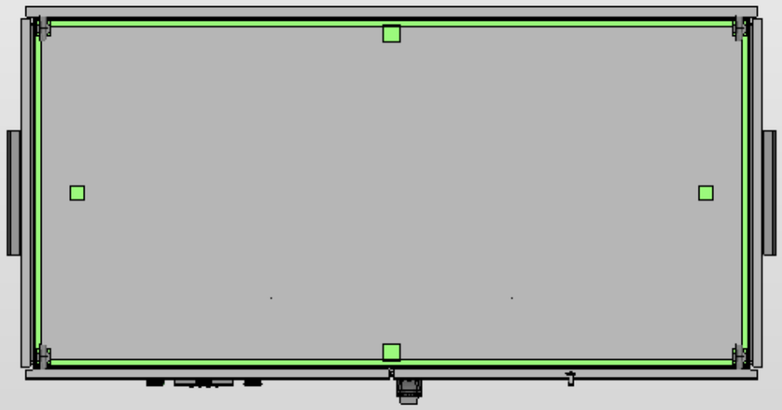
Previous page : 19

Next page : 21

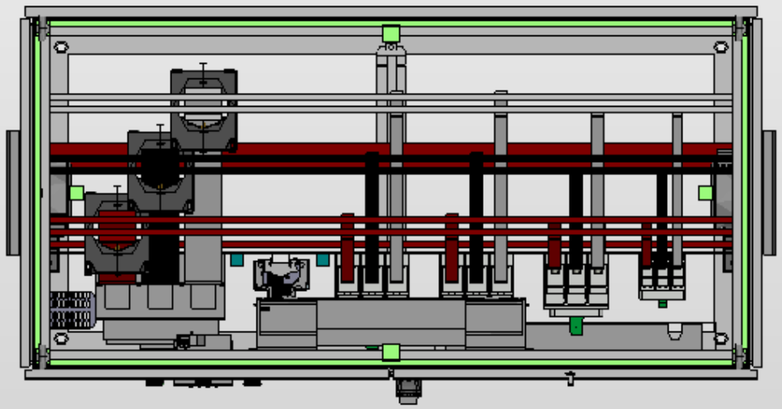
PANEL

LAYOUT

Top view

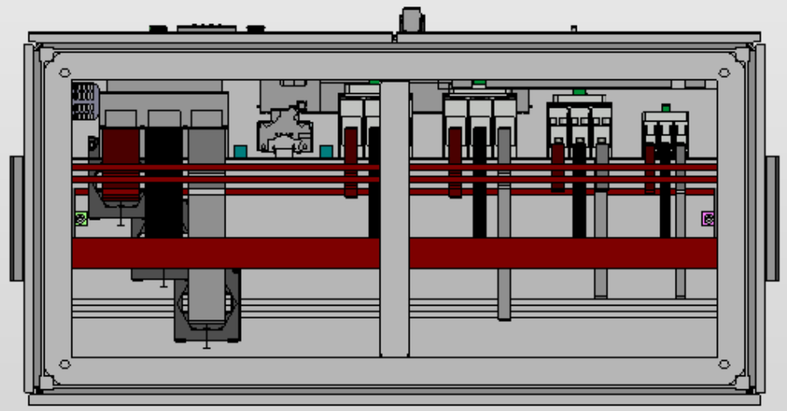


Top view



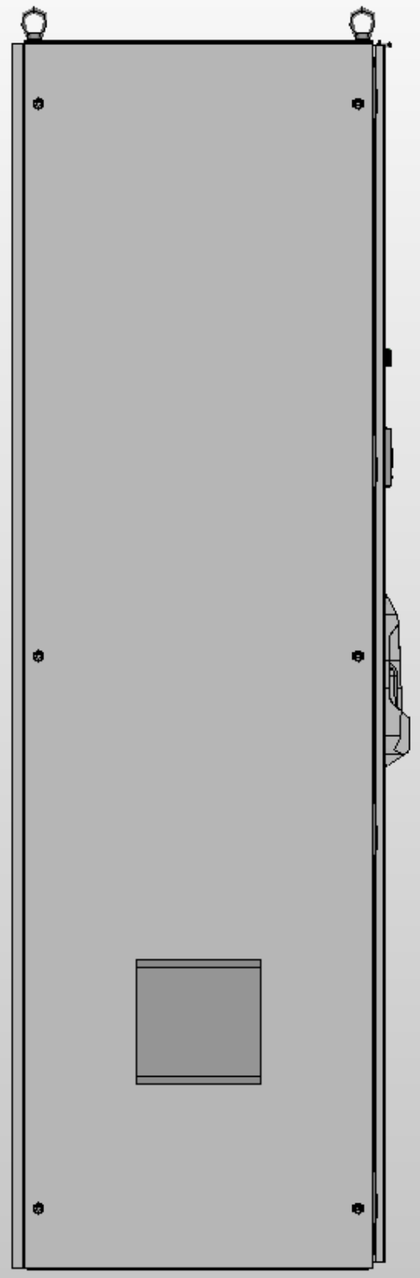
DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Model view (Top view)
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 22 of 38
CHECKED BY		Phone number		EMAIL			Mounting location : S1	Previous page : 21
APPROVED BY		Phone number		EMAIL				Next page : 23

Bottom view

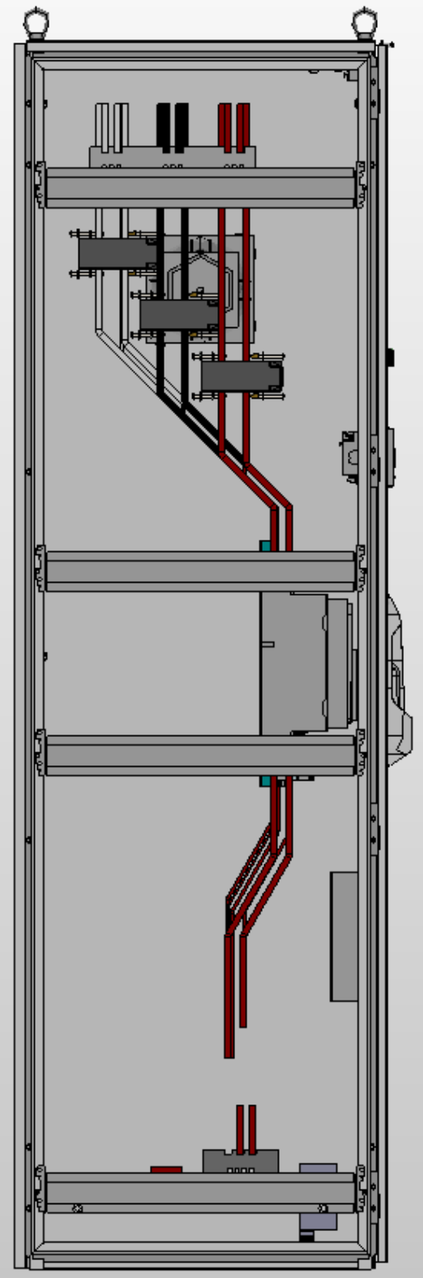


DRWN.NO		TITLE	Main Distribution Panel				EMPLOYER :	PREPARED :	Higher - level function : FS	Page description : Model view (Bottom view)
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com					Page number : 23 of 38
CHECKED BY		Phone number		EMAIL					Mounting location : S1	Previous page : 22
APPROVED BY		Phone number		EMAIL						Next page : 24

Left view

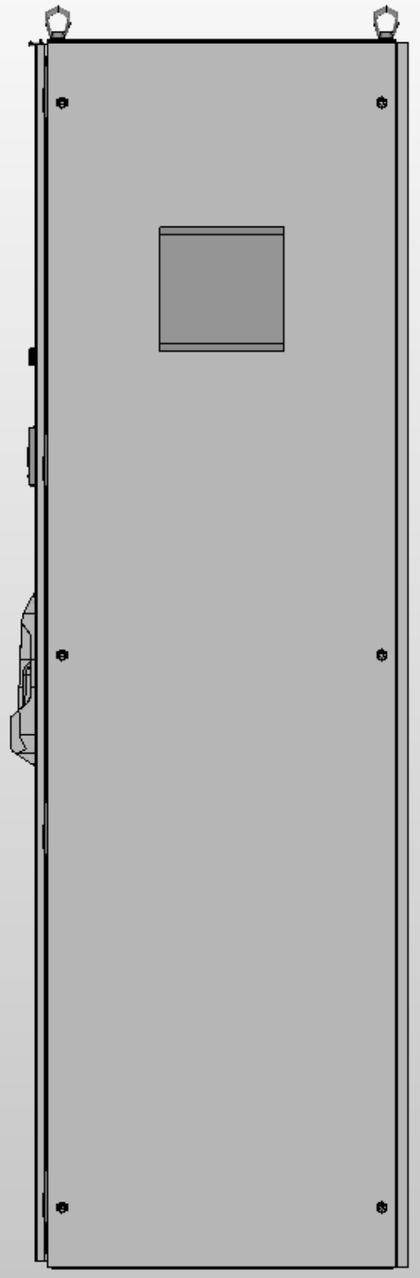


Left view

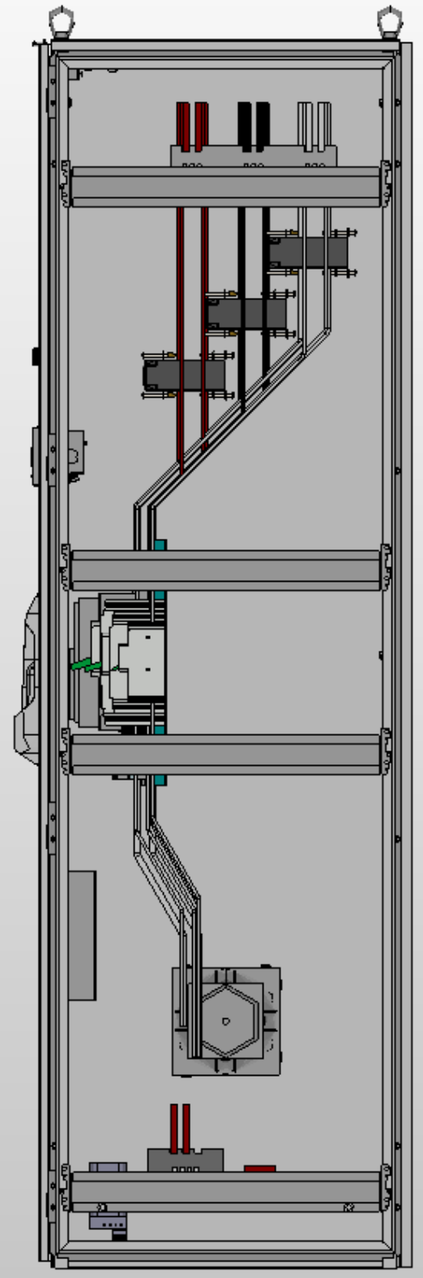


DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Right view



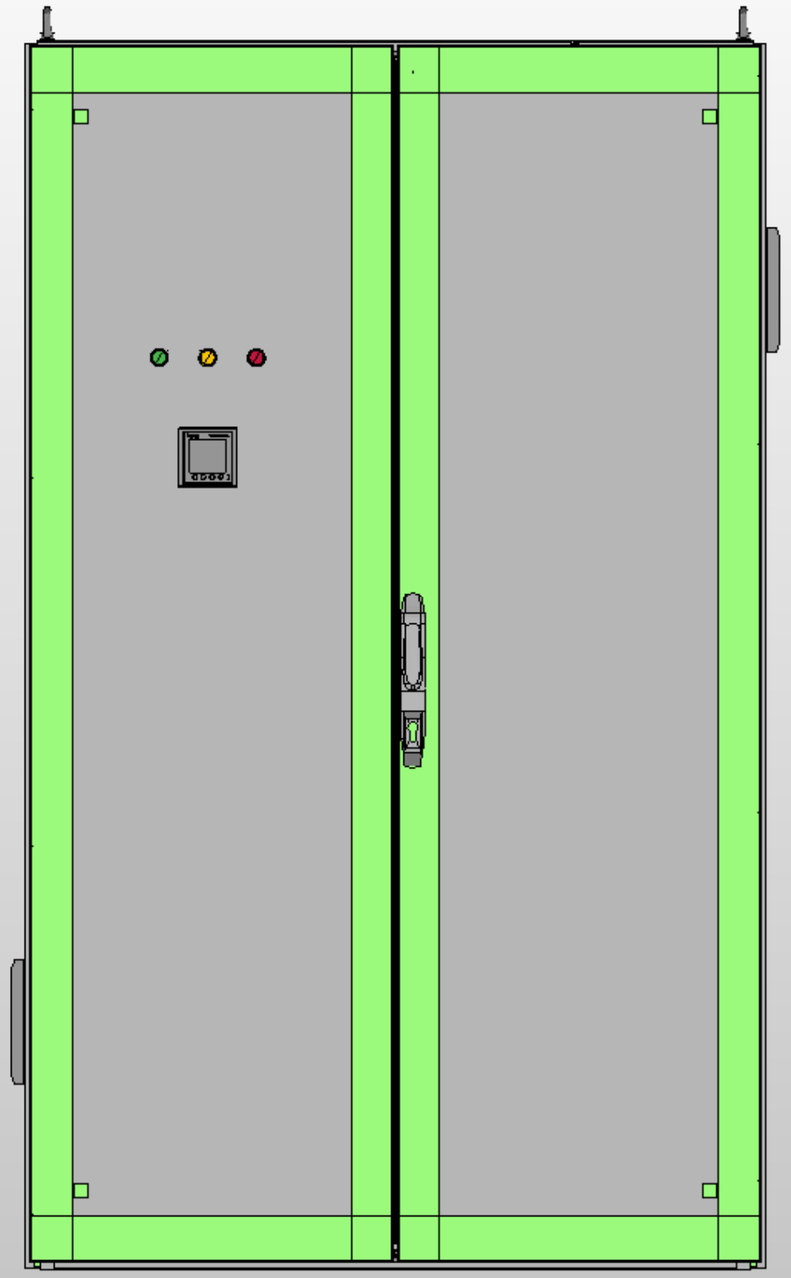
Right view



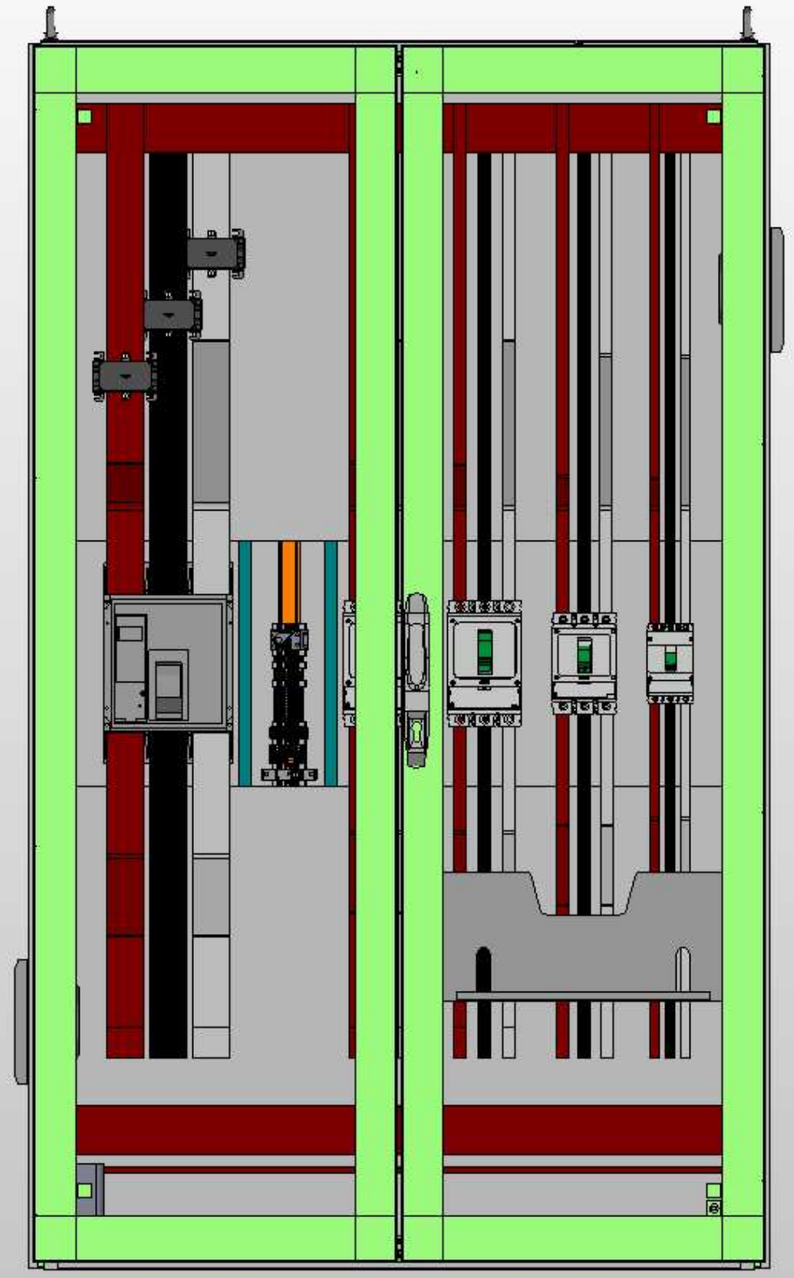
DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Model view (Right view)
Page number : 25 of 38
Previous page : 24
Next page : 26

Front view

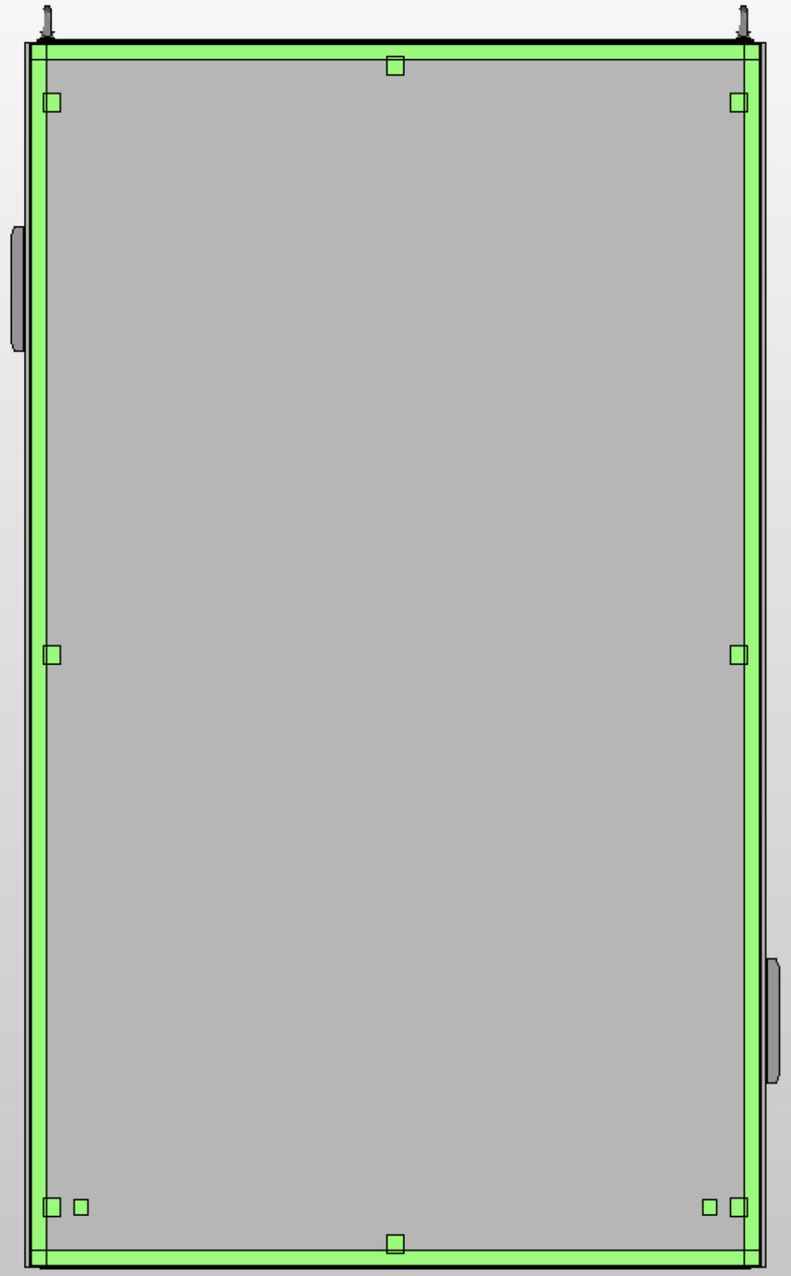


Front view

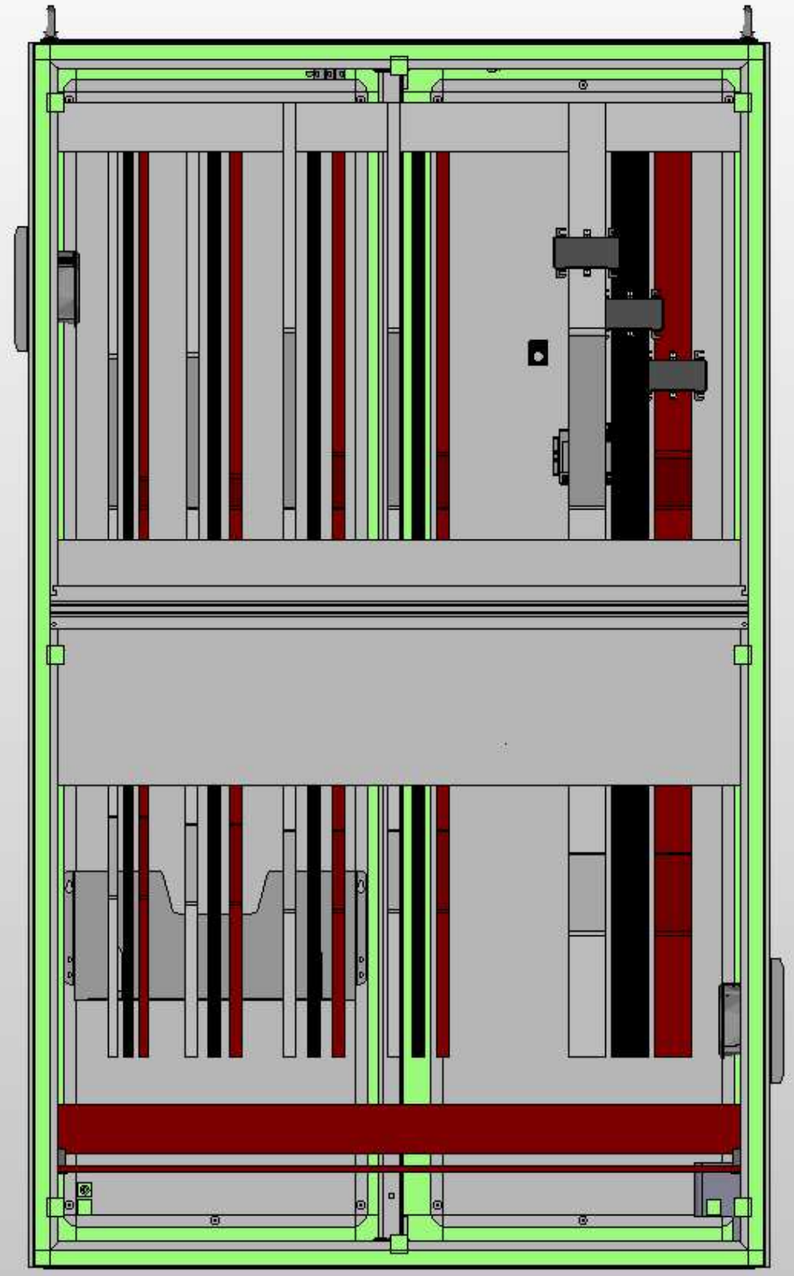


DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Model view (Front view)
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 26 of 38
CHECKED BY		Phone number		EMAIL			Mounting location : S1	Previous page : 25
APPROVED BY		Phone number		EMAIL				Next page : 27

Back view



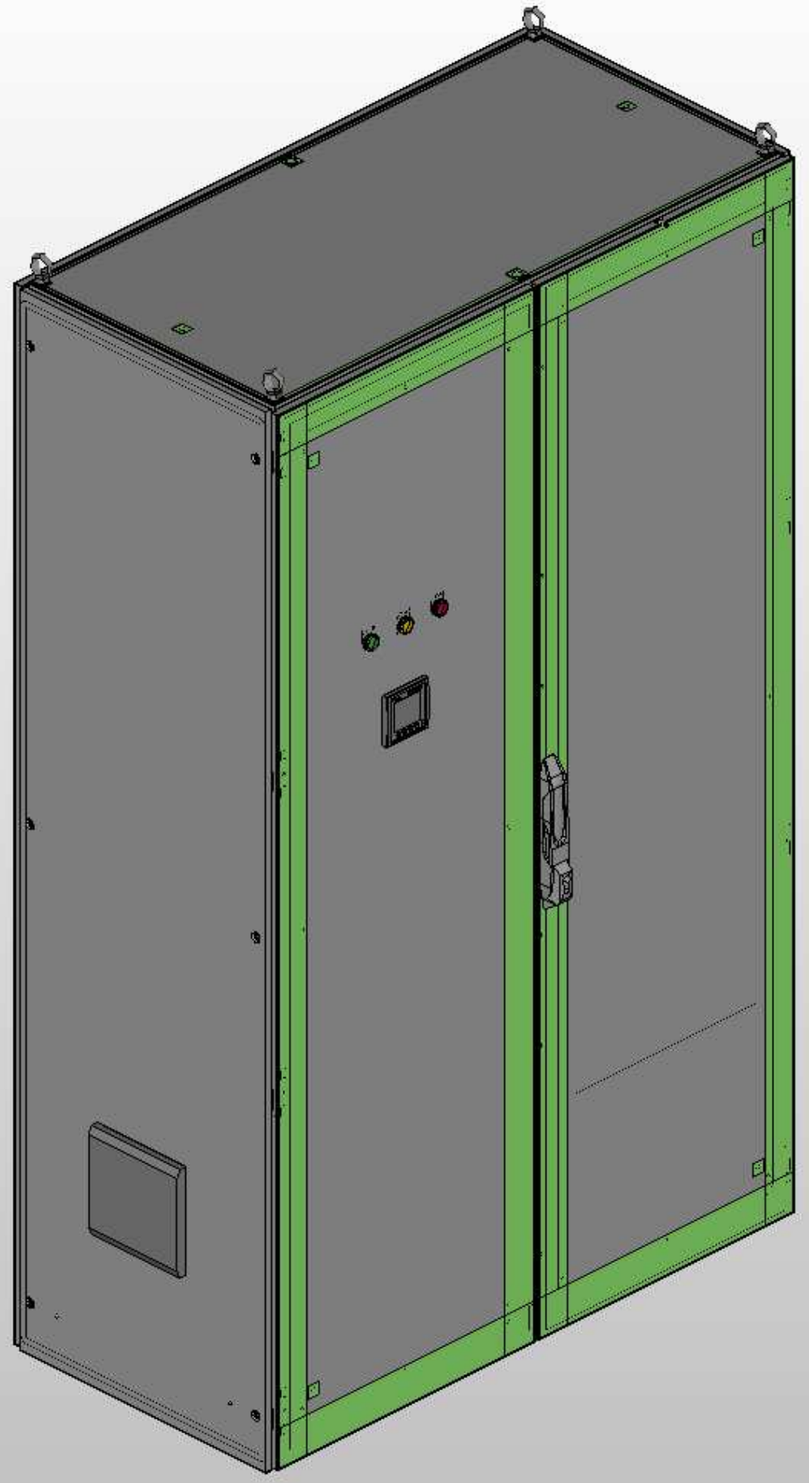
Backview



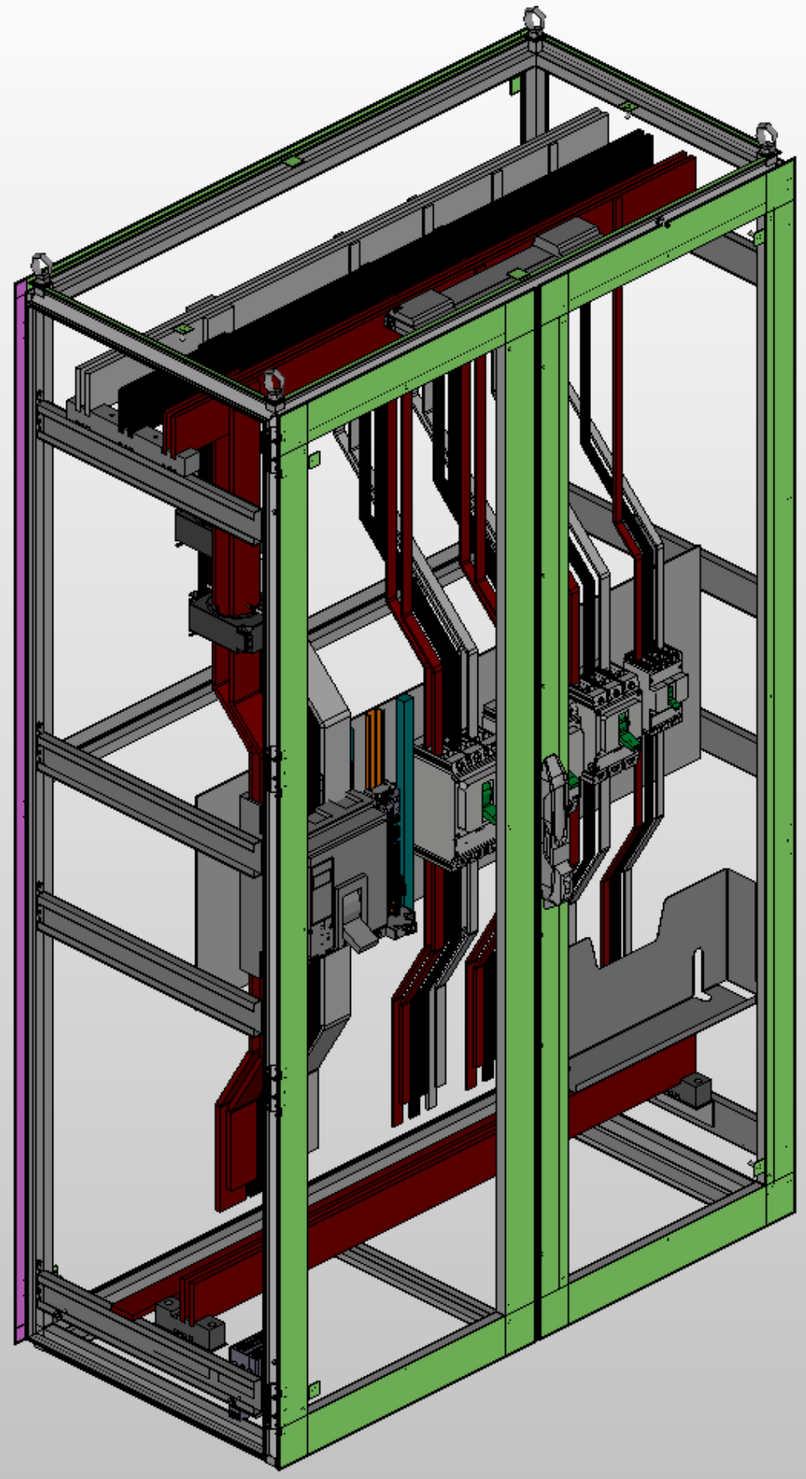
DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Model view (Back view)
Page number : 27 of 38
Previous page : 26
Next page : 28

SW view



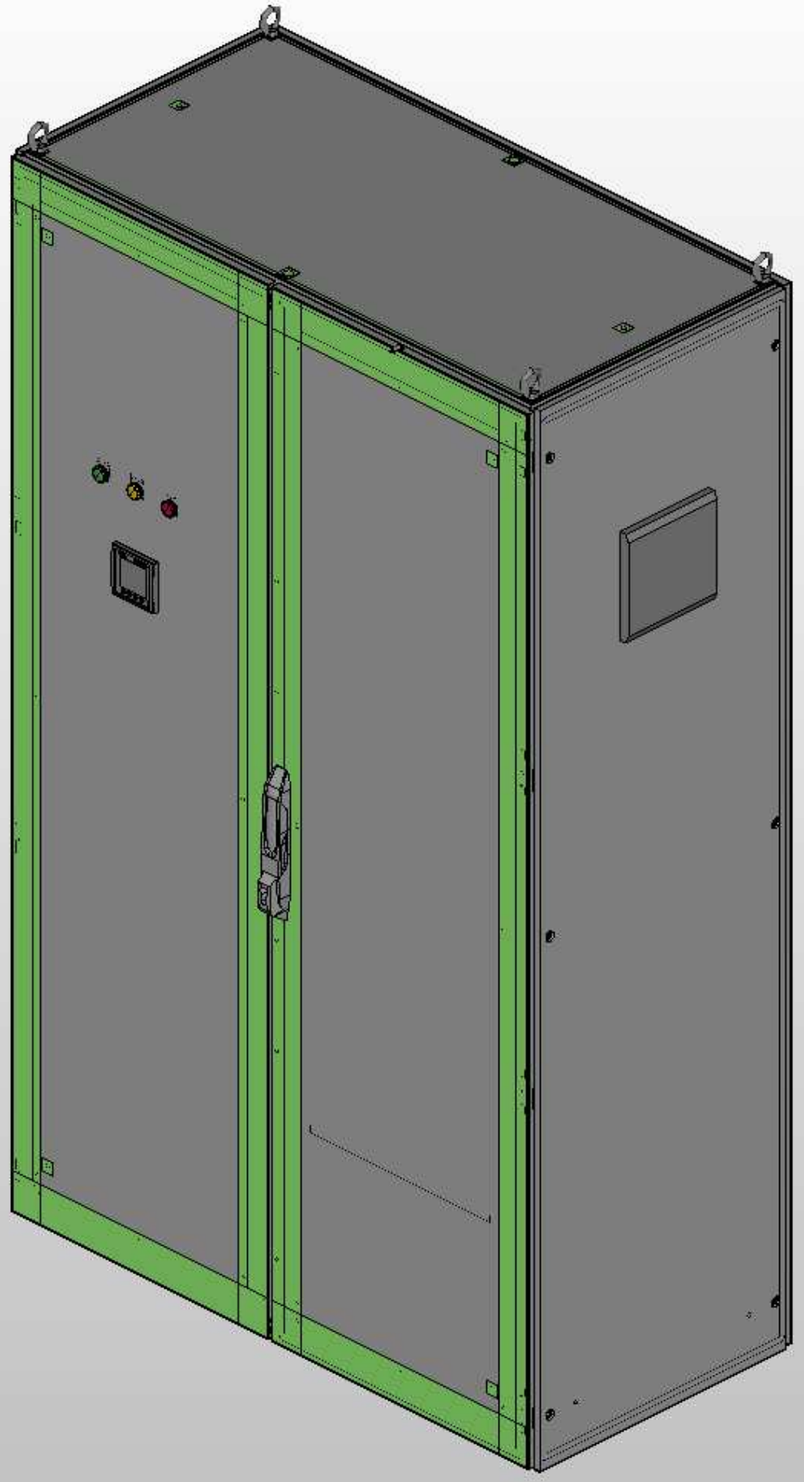
SW view



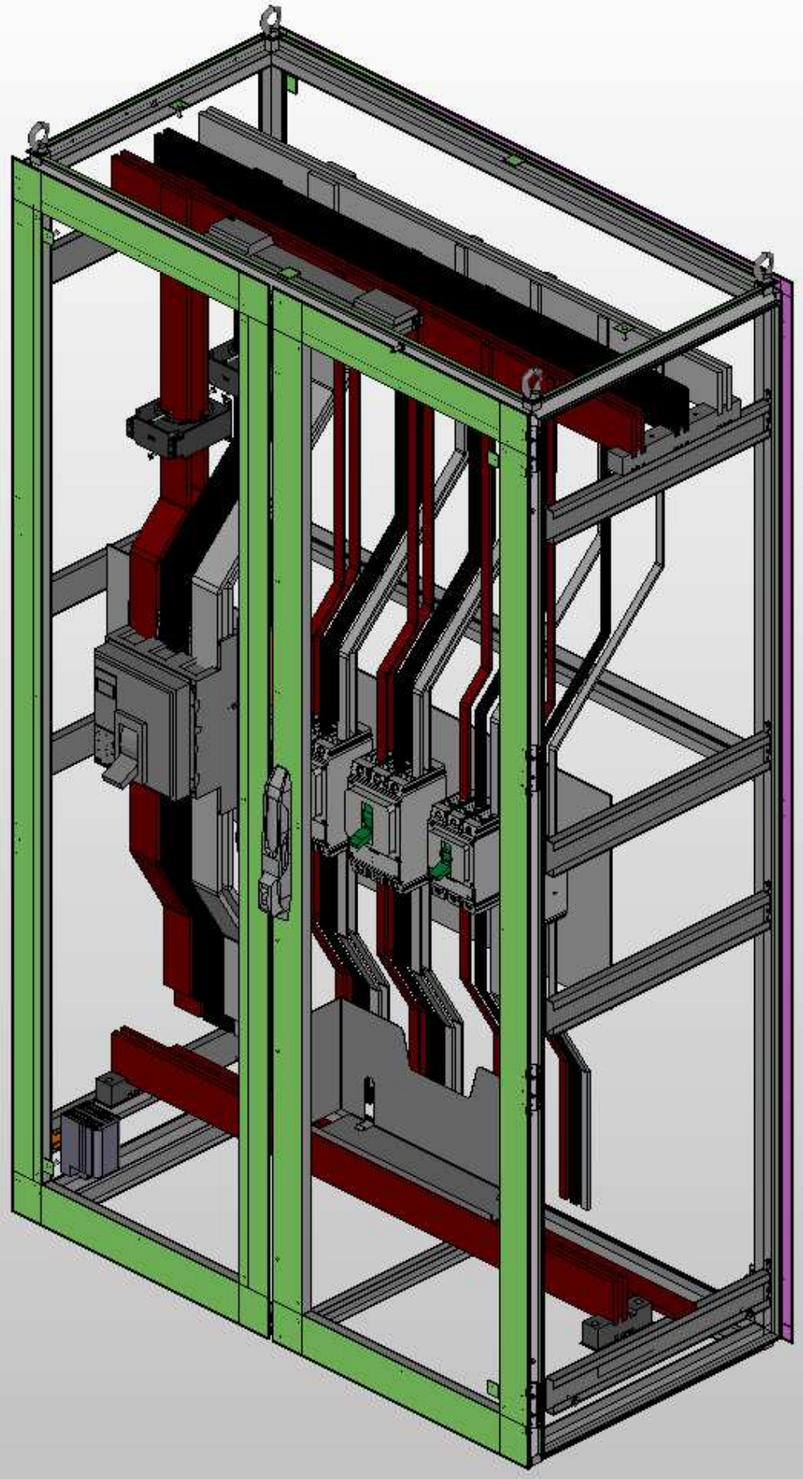
DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : SW view (Right view)
Page number : 28 of 38
Previous page : 27
Next page : 29

SE view

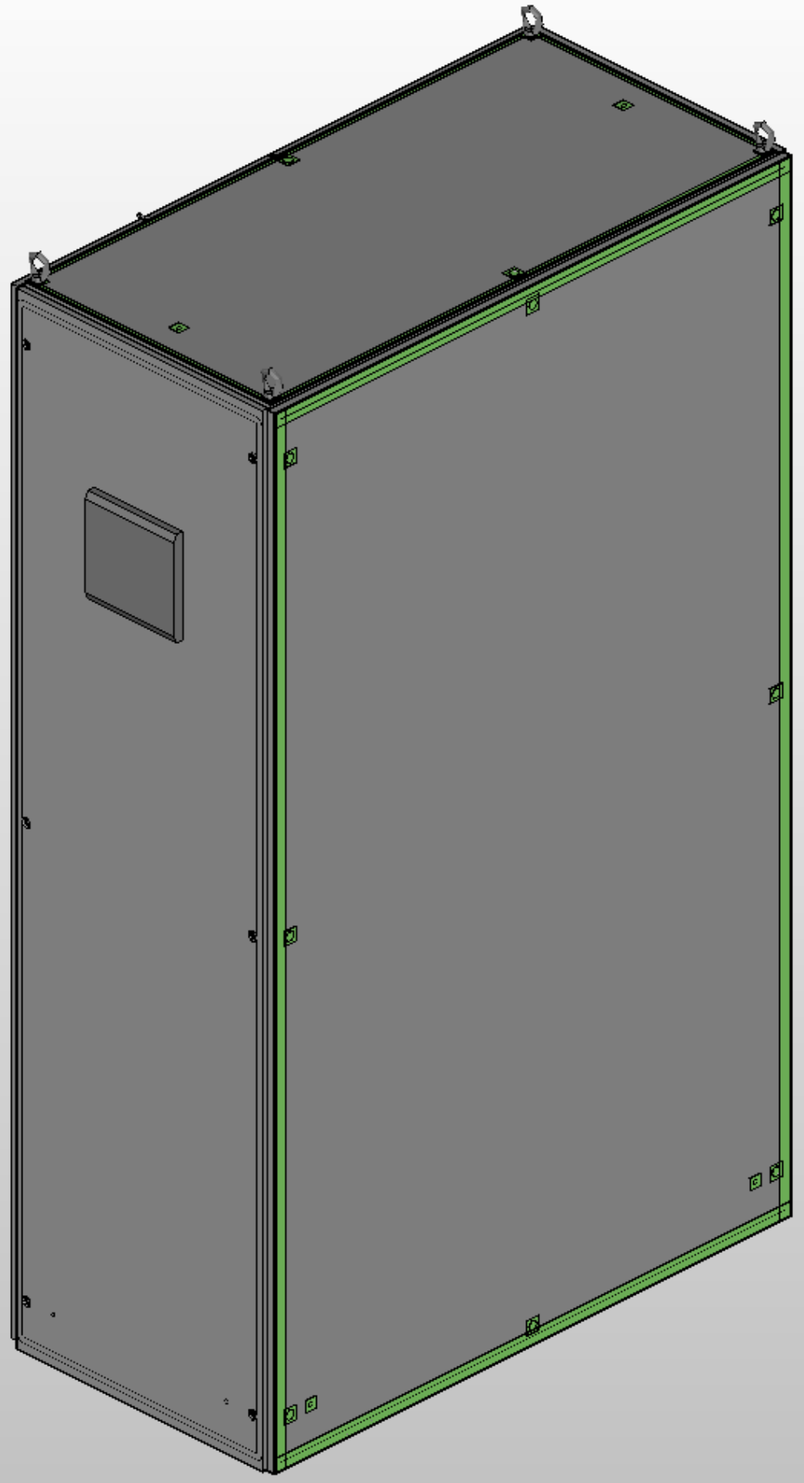


SE view

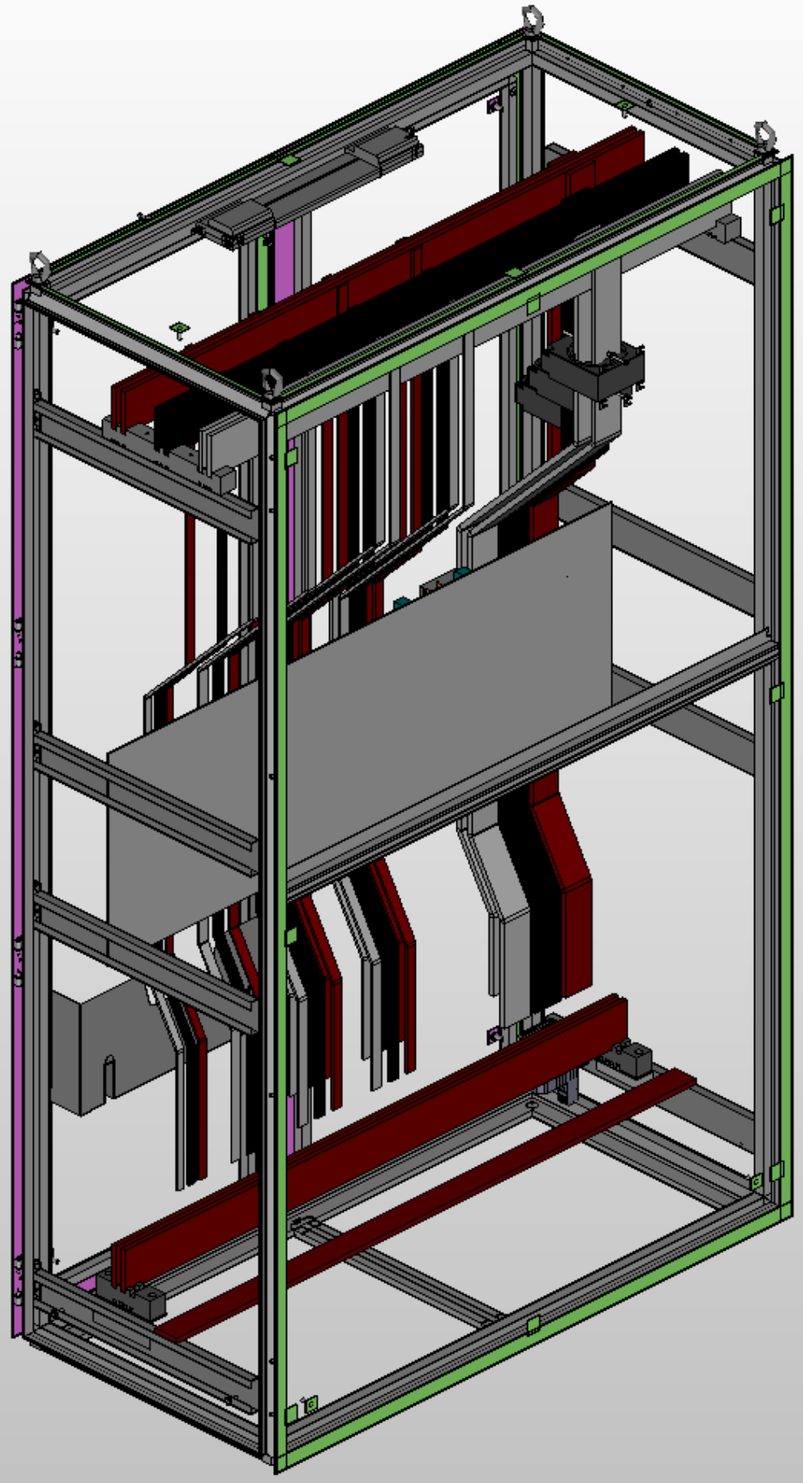


DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Model view (SE view)
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 29 of 38
CHECKED BY		Phone number		EMAIL			Mounting location : S1	Previous page : 28
APPROVED BY		Phone number		EMAIL				Next page : 30

NE view



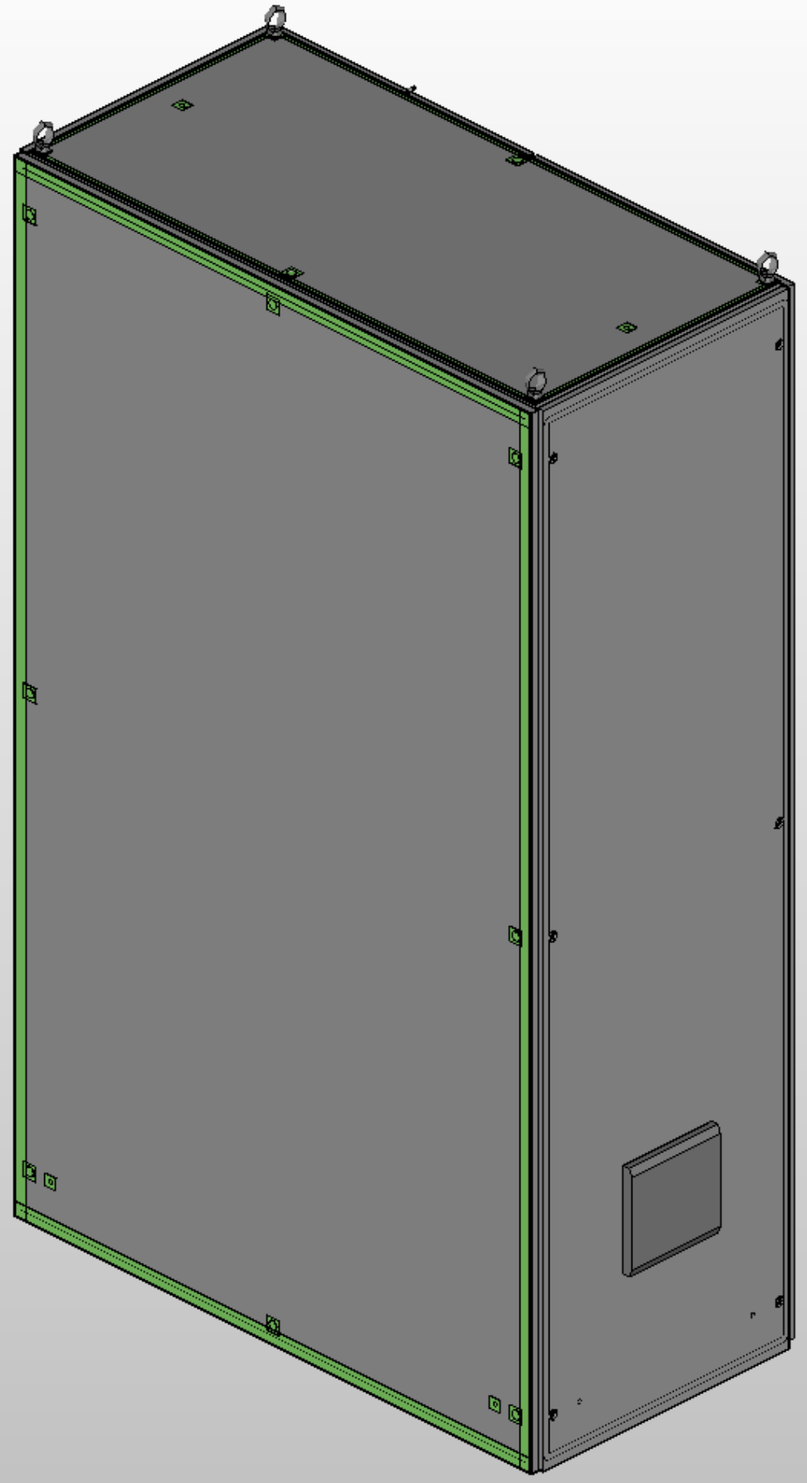
NE view



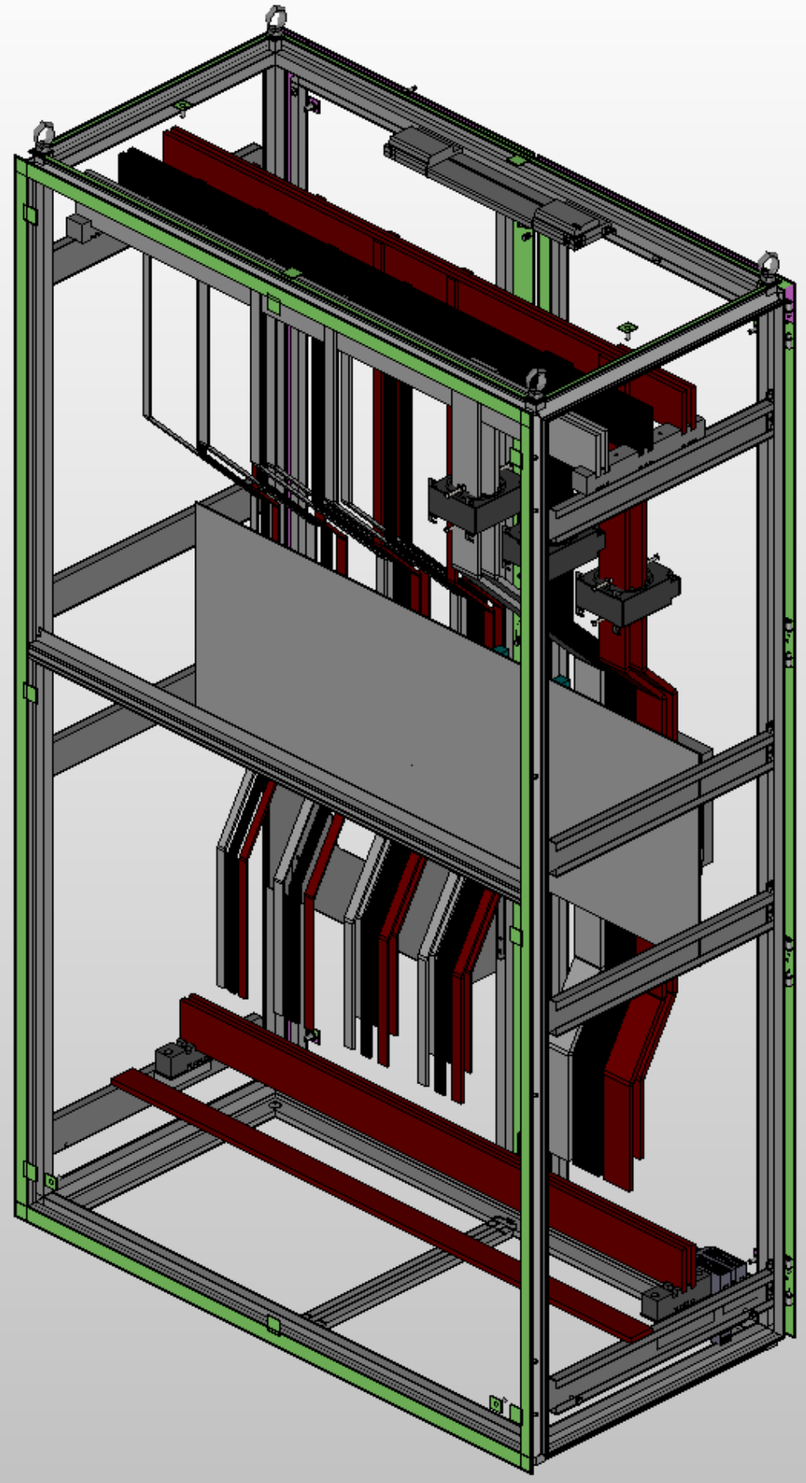
DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Model view (NE view)
Page number : 30 of 38
Previous page : 29
Next page : 31

NW view

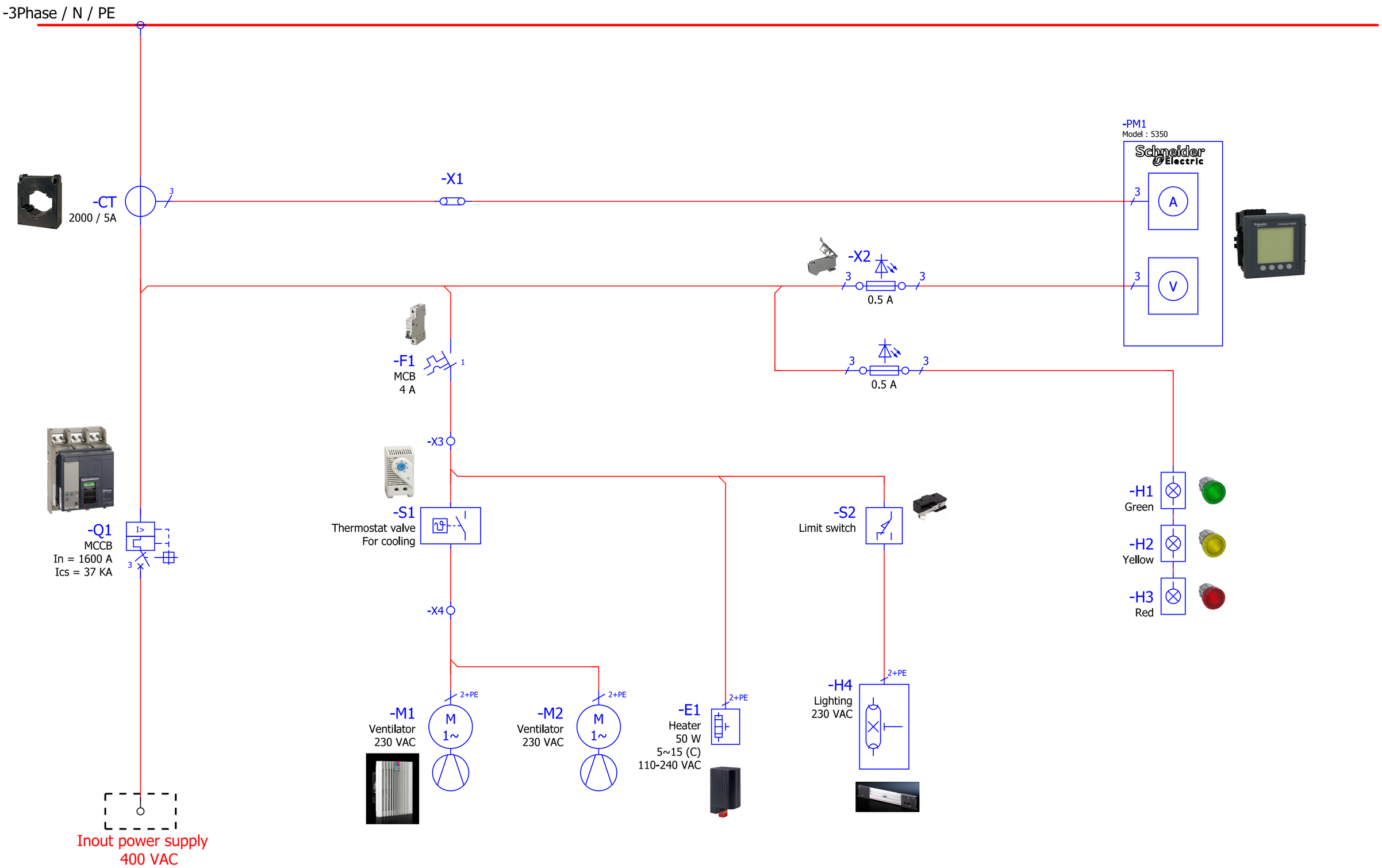


NW view

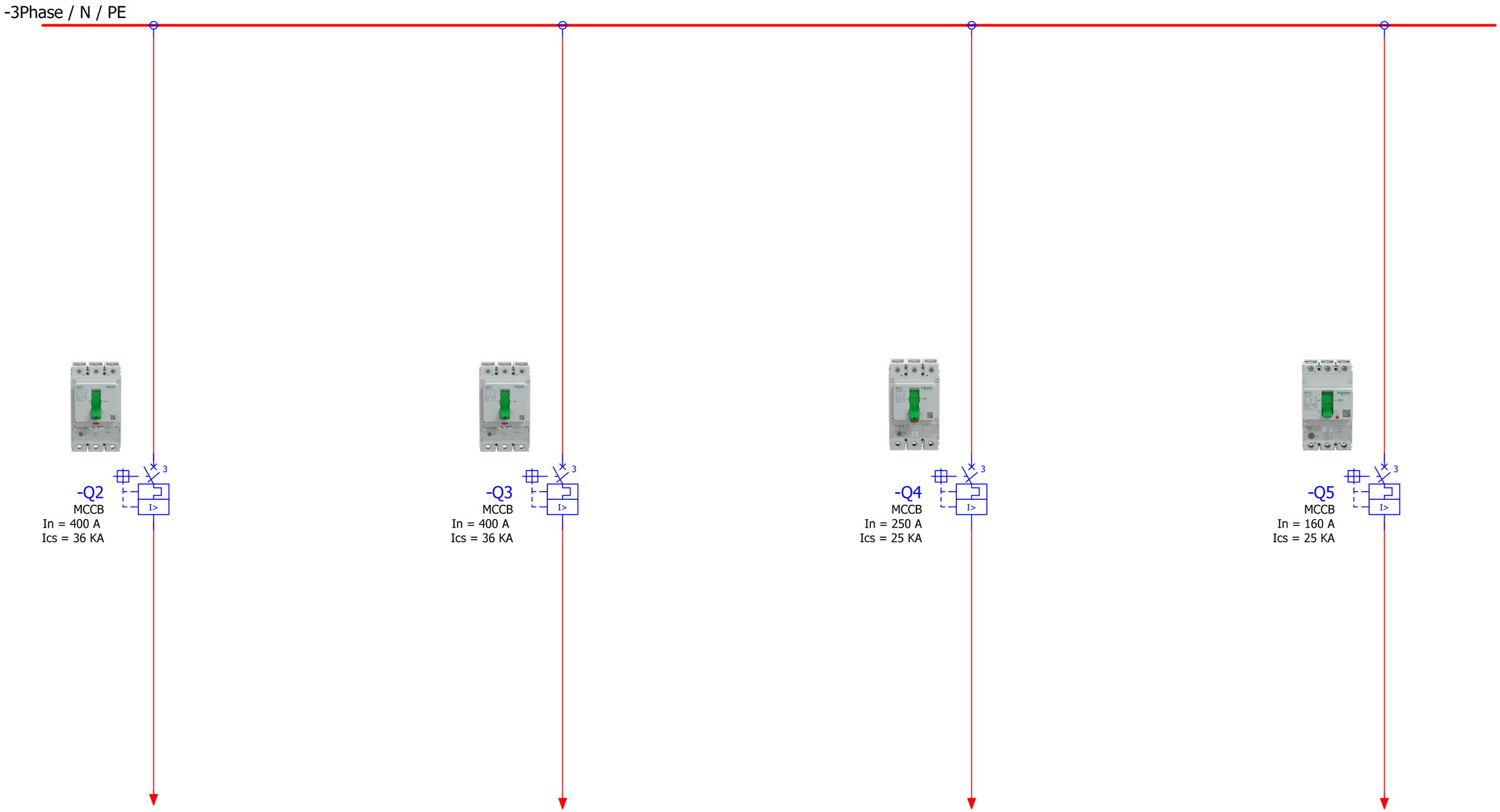


DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS	Page description : Model view (NW view)
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com				Page number : 31 of 38
CHECKED BY		Phone number		EMAIL				Mounting location : S1	Previous page : 30
APPROVED BY		Phone number		EMAIL					Next page : 32

SINGLE LINE DIAGRAM



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Q1 & PM
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 33 of 38
CHECKED BY		Phone number		EMAIL			Mounting location : S1	Previous page : 32
APPROVED BY		Phone number		EMAIL				Next page : 34



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Higher - level function : FS
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			
CHECKED BY		Phone number		EMAIL				Mounting location : S1
APPROVED BY		Phone number		EMAIL				

Page description : Q2 ~ Q5
Page number : 34 of 38
Previous page : 33
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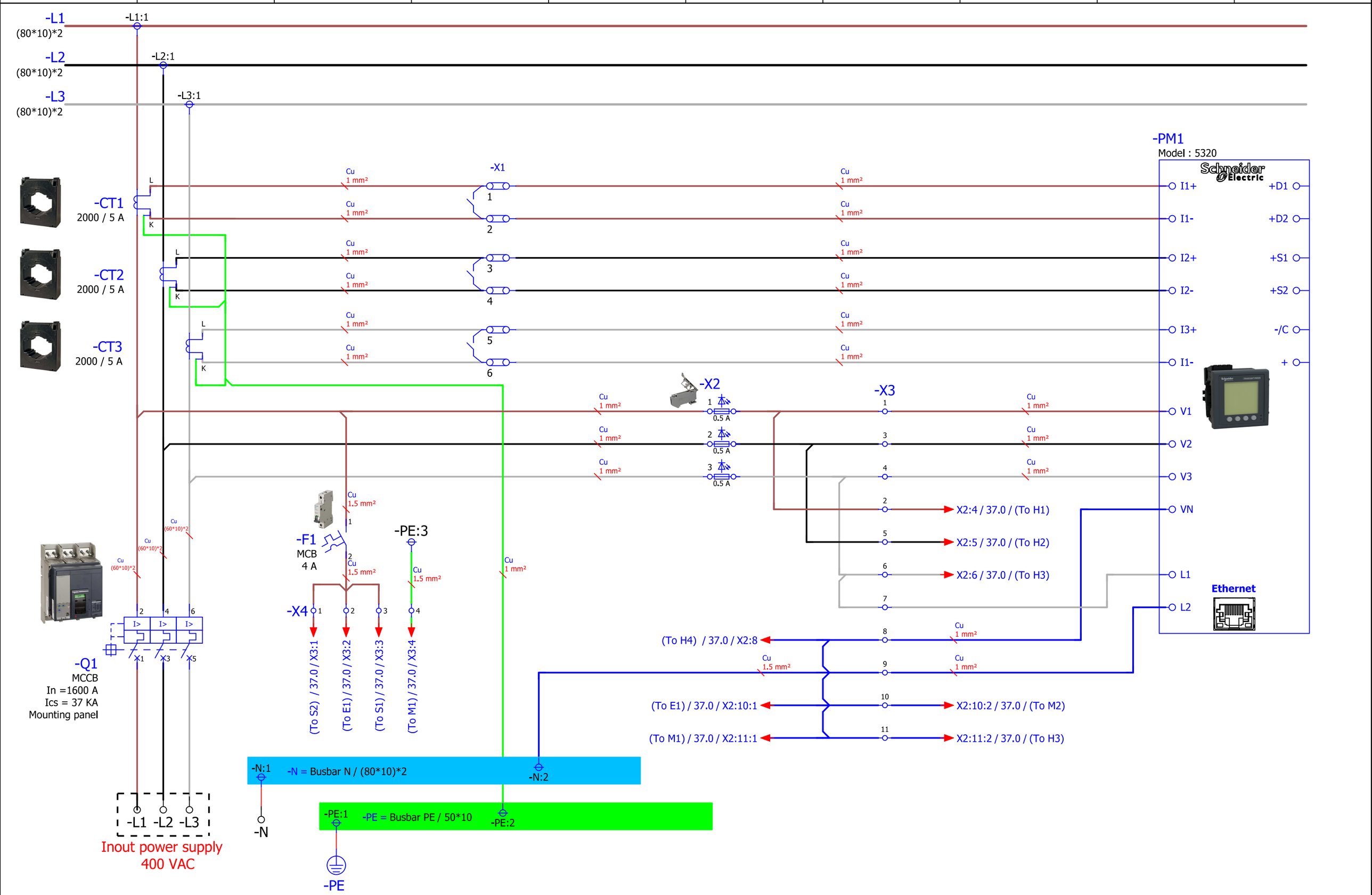
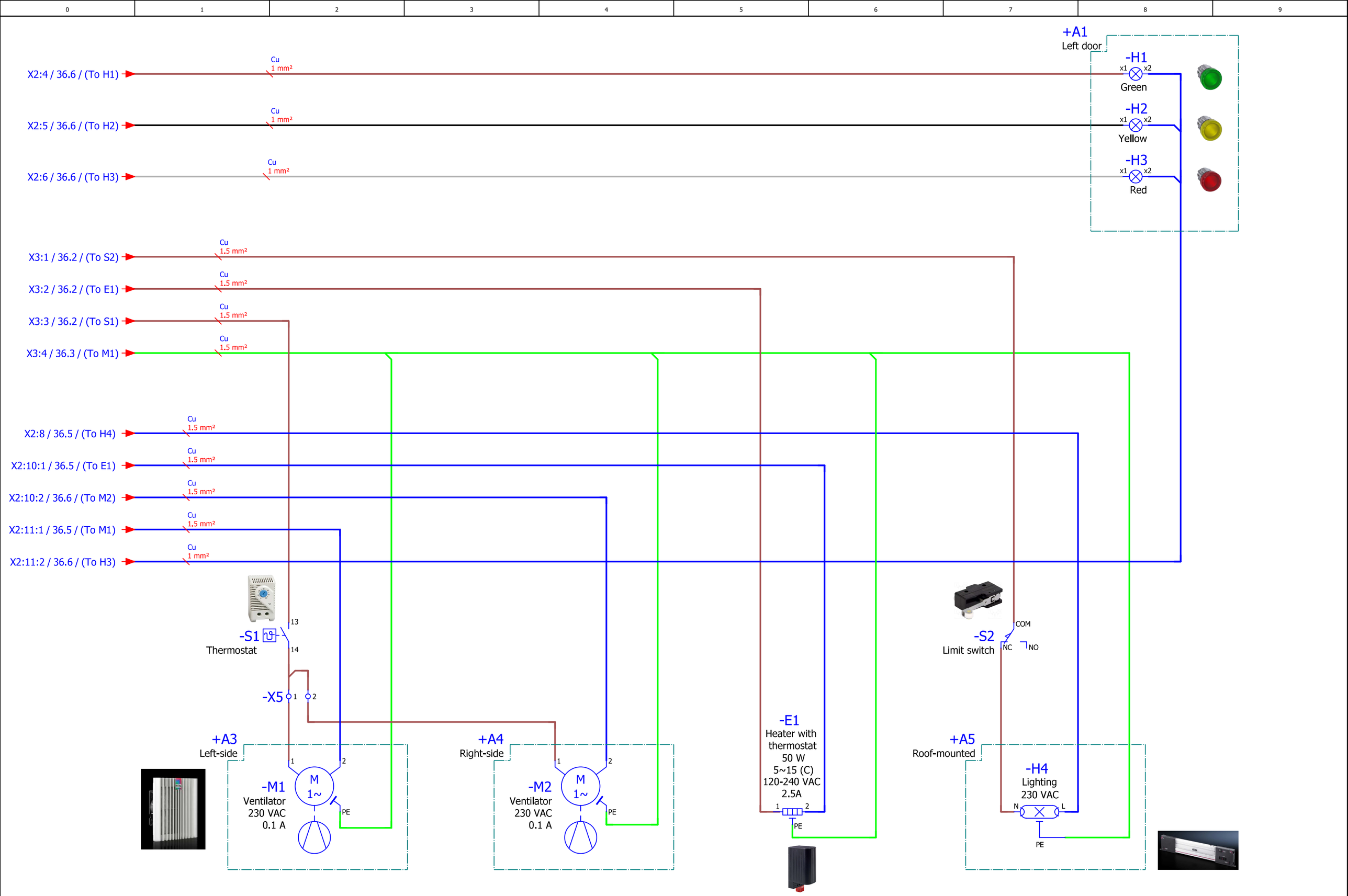
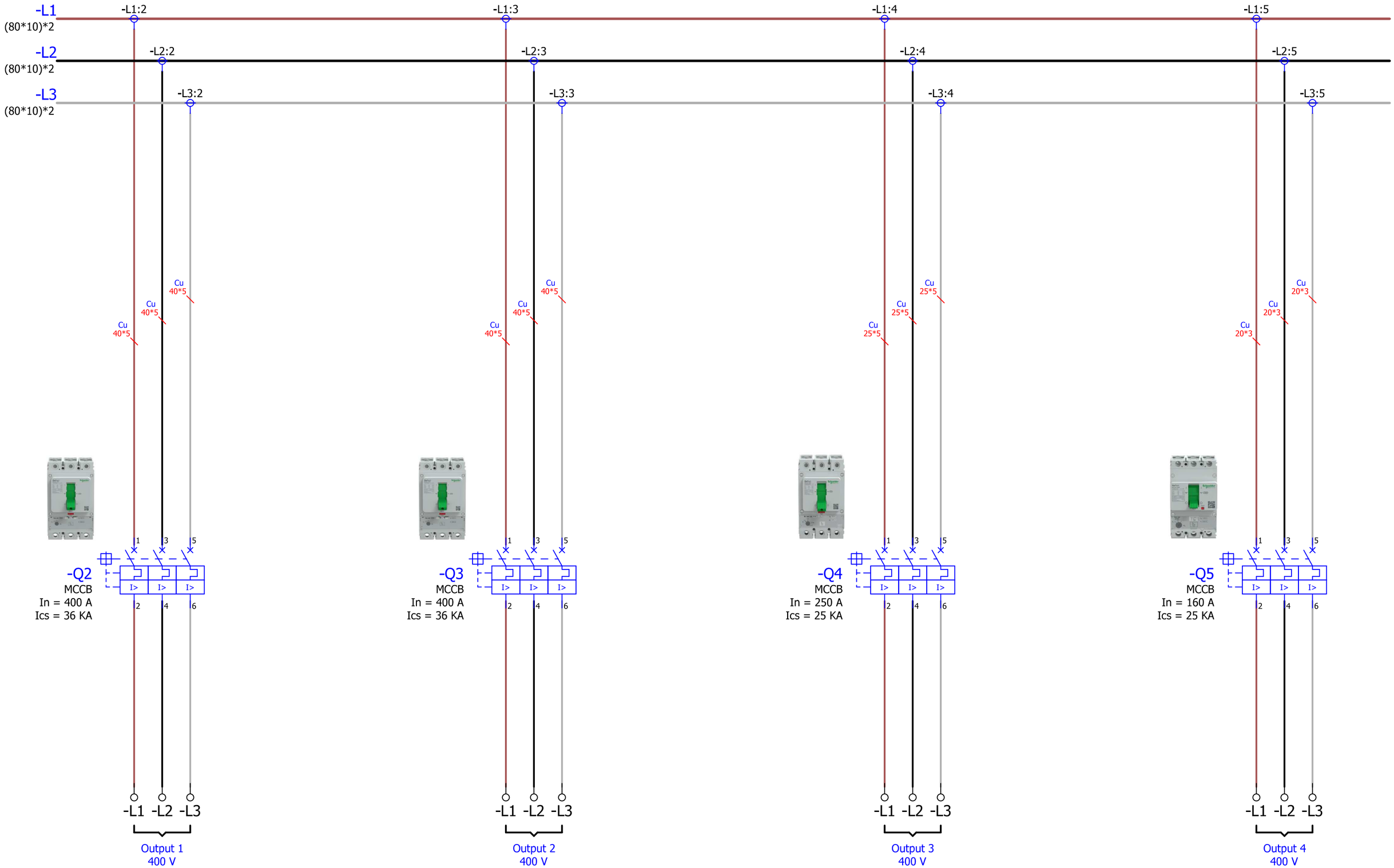
MULTI LINE DIAGRAM



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Q1 & PM
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 36 of 38
CHECKED BY		Phone number		EMAIL			Mounting location : S1	Previous page : 35
APPROVED BY		Phone number		EMAIL				Next page : 37



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Fan & Lighting
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com		Higher - level function : FS	Page number : 37 of 38
CHECKED BY		Phone number		EMAIL				Previous page : 36
APPROVED BY		Phone number		EMAIL			Mounting location : S1	Next page : 38



DRWN.NO		TITLE	Main Distribution Panel			EMPLOYER :	PREPARED :	Page description : Q2 ~ Q5
DRAWING	HosseinAli Khoshayand	Phone number	+989132102529	EMAIL	ali_khoshayand@yahoo.com			Page number : 38 of 38
CHECKED BY		Phone number		EMAIL				Previous page : 37
APPROVED BY		Phone number		EMAIL				Next page :

Higher - level function : FS

Mounting location : S1