

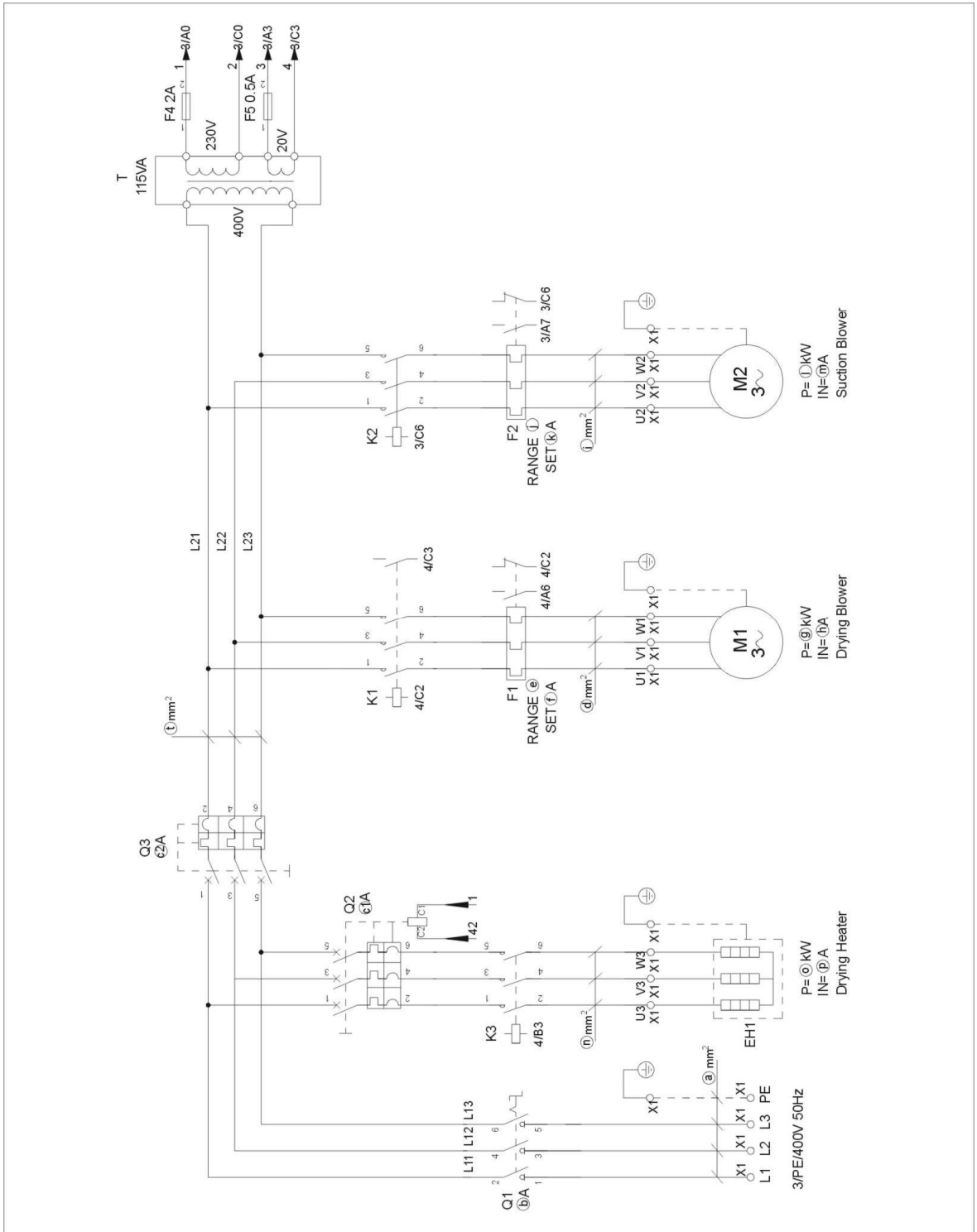
1. Electrical Circuit (400V)

SYMBOL MODE	(a)	(b)	(c1)	(c2)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
	SDL-300U-HD	4.0	32	25	15	1.0	0.63-1	0.65	0.25	0.65	1.0
SDL-450U-HD	4.0	32	25	15	1.0	0.63-1	0.65	0.25	0.65	1.0	3.2-5
SDL-600U-HD	6.0	40	32	-	1.0	0.8-1.25	0.94	0.55	0.94	1.0	3.2-5
SDL-750U-HD	6.0	40	32	-	1.0	0.8-1.25	0.94	0.55	0.94	1.0	3.2-5
SDL-900U-HD	10.0	63	50	-	1.0	0.8-1.25	0.94	0.55	0.94	1.5	5-8
SDL-1200U-HD	10.0	63	50	-	1.0	0.8-1.25	0.94	0.55	0.94	1.5	5-8

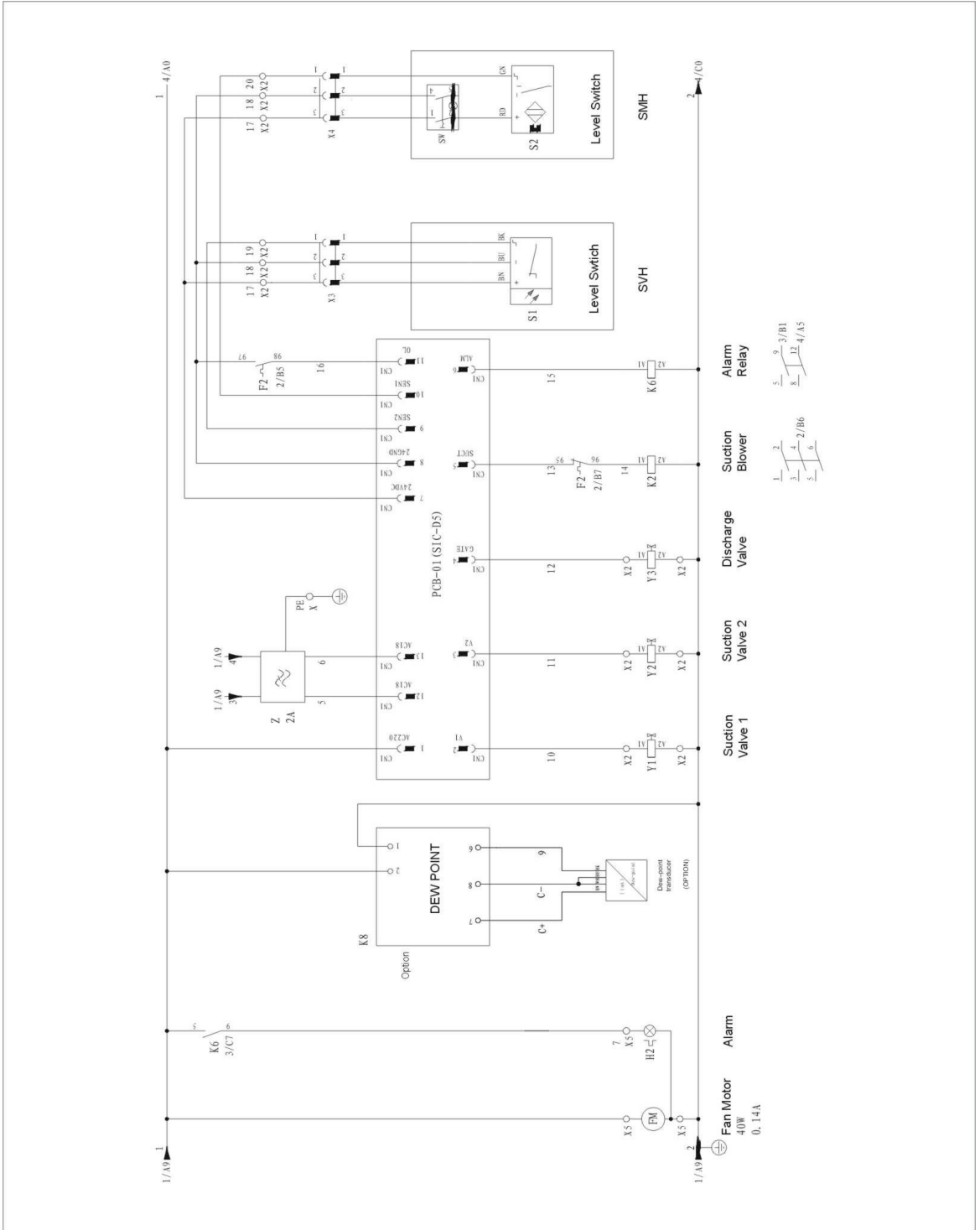
SYMBOL MODE	(k)	(l)	(m)	(n)	(o)	(p)
	SDL-300U-HD	3.93	1.5	3.93	4.0	12.0
SDL-450U-HD	3.93	1.5	3.93	4.0	12.0	18.0
SDL-600U-HD	3.93	1.5	3.93	6.0	18.0	27.0
SDL-750U-HD	3.93	1.5	3.93	6.0	18.0	27.0
SDL-900U-HD	6.0	2.6	6.0	4.0	12.0	18.0
SDL-1200U-HD	6.0	2.6	6.0	4.0	12.0	18.0

- (a) Cable diameter of main power
- (b) Main switch
- (c1) Heat Electric circuit breaker
- (c2) Windmill Circuit Breaker
- (d) Drying diameter motor
- (e) Load-drying windmill
- (f) Dry motor load set
- (g) Drying motor power
- (h) Current dry motor
- (i) Suction diameter windmill
- (j) Suction of the motor turbine load
- (k) Suction motor load is set
- (l) Suction windmill power
- (m) Current suction motor
- (n) Electrothermal diameter
- (o) Electric power
- (p) Electric current

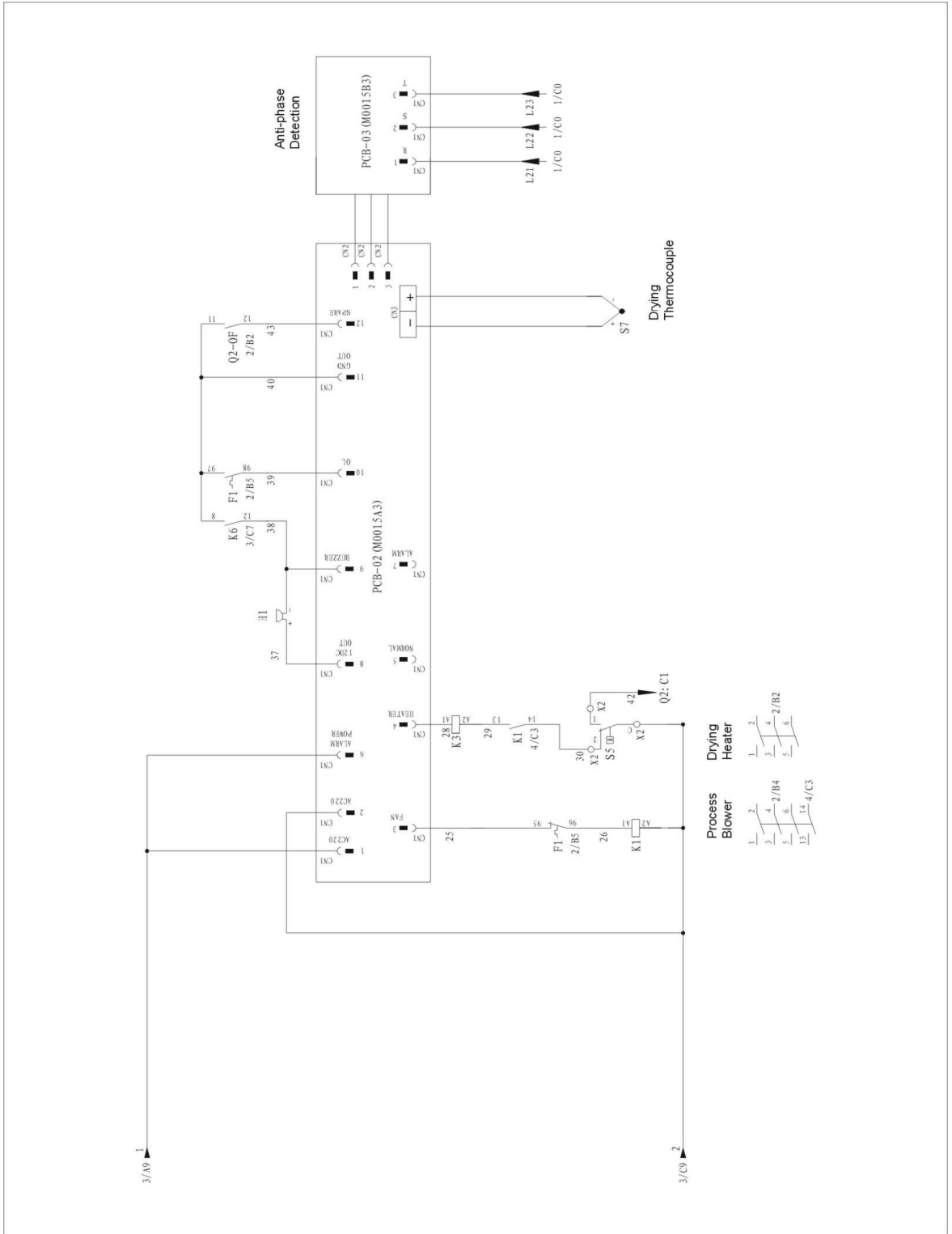
2. Main Circuit (SDL-300U/450U-HD)



3. Control Circuit 1 (SDL300U/450U-HD)

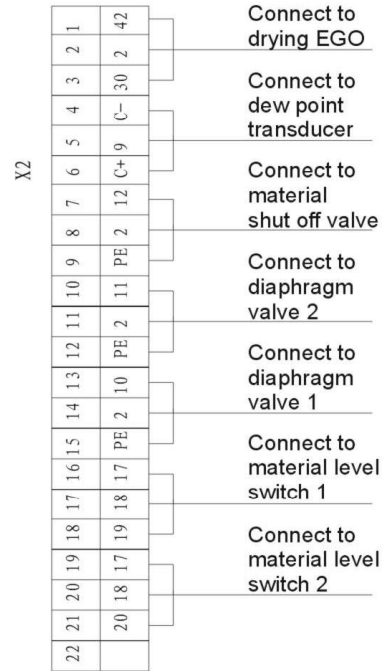
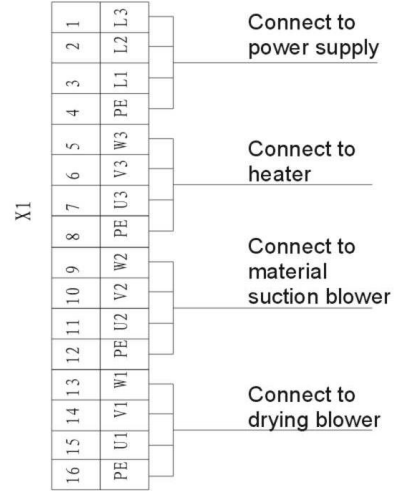
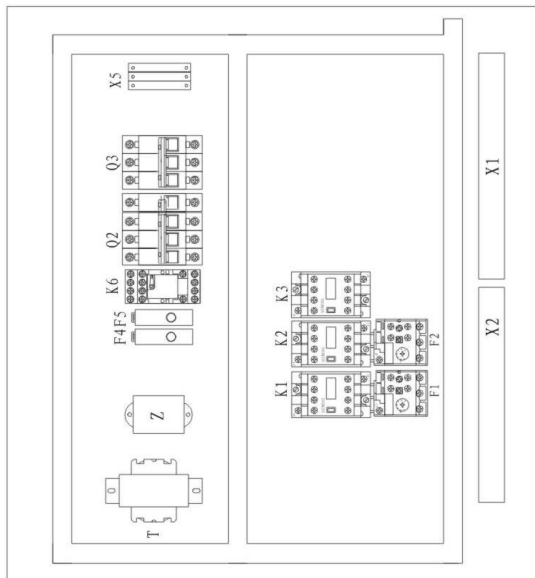
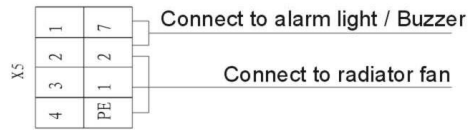
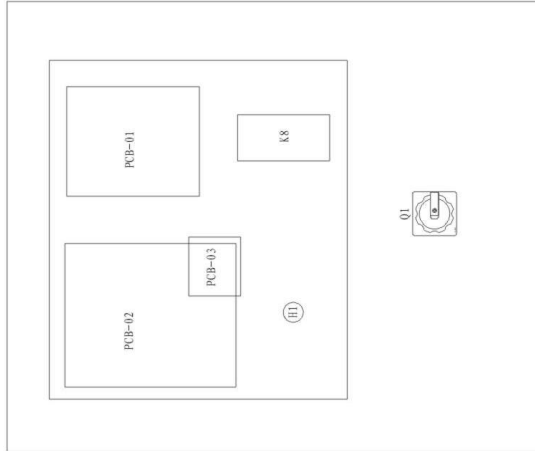


4. Control Circuit 2 (SDL300U/450U-HD)



5. Electrical components layout (SDL-300U/450U-HD)

Note: Directly wire drying thermocouple to circuit board_PC-02_CN3(+.-)

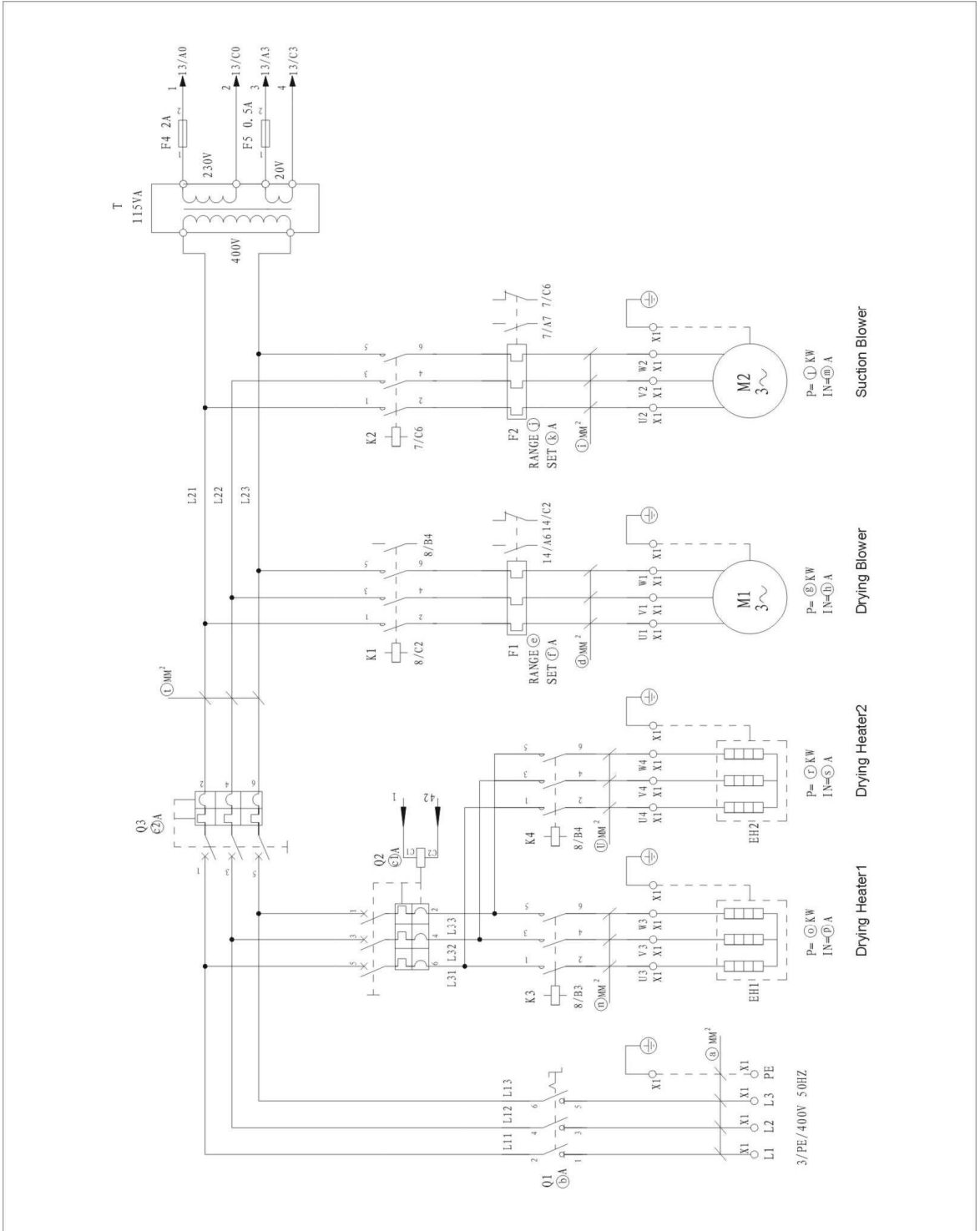


6. Electrical Components List (SDL-300U/450U-HD)

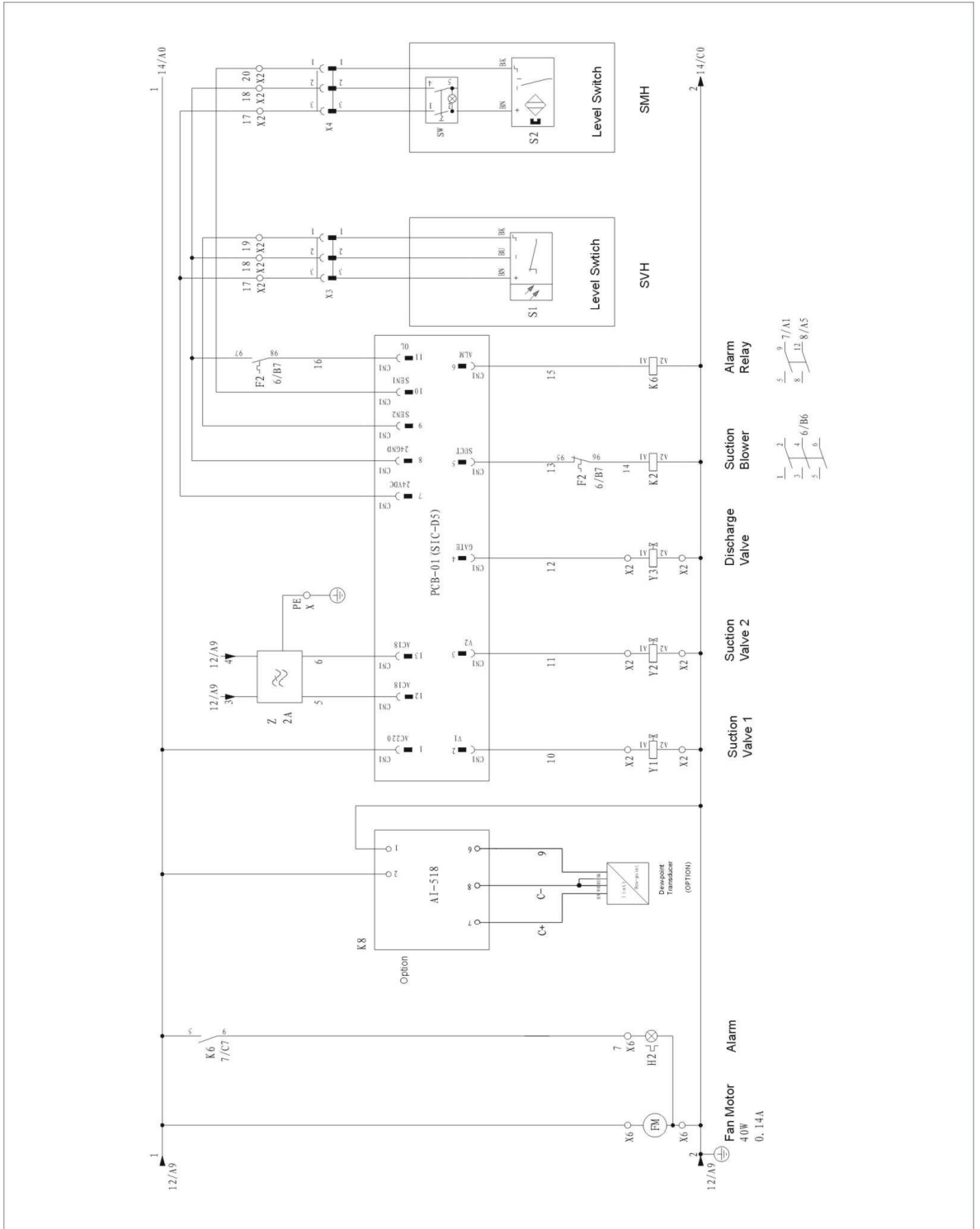
NO.	Symbol	Name	SDL-300U-HD	
			Specification	Part NO.
1	Q1	Main switch	25A	YE10210300000
2	Q2	Circuit-breaker*	20A	YE40602000000
3	Q3	Circuit-breaker*	15A	YE40601500000
4	K1	Contactora*	230VAC 50Hz	YE00401000100
5	K2	Contactora*	230VAC 50Hz	YE00401000100
6	K3	Contactora*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	0.6~1A	YE01063100000
11	F2	Overheat relay *	3.2~5A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	41A 690V	YE61040000000
29	-	Terminal board	-	YE61040000000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.25kW	BM40002500350
35	M2	Blower*	220-240V/380-415V 1.5kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 12kW	BH70451200250
37	FM	Fan	220V-240VAC 40W	YM60121200400

NO.	Symbol	Name	SDL-450U-HD	
			Specification	Part NO.
1	Q1	Main switch	25A	YE10210300000
2	Q2	Circuit-breaker*	20A	YE40602000000
3	Q3	Circuit-breaker*	15A	YE40601500000
4	K1	Contactora*	230VAC 50Hz	YE00401000100
5	K2	Contactora*	230VAC 50Hz	YE00401000100
6	K3	Contactora*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	0.6~1A	YE01063100000
11	F2	Overheat relay *	3.2~5A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	41A 690V	YE61040000000
29	-	Terminal board	-	YE61040000000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.25kW	BM40005000150
35	M2	Blower*	220-240V/380-415V 1.5kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 12kW	BH70451200250
37	FM	Fan	220V-240VAC 40W	YM60121200400

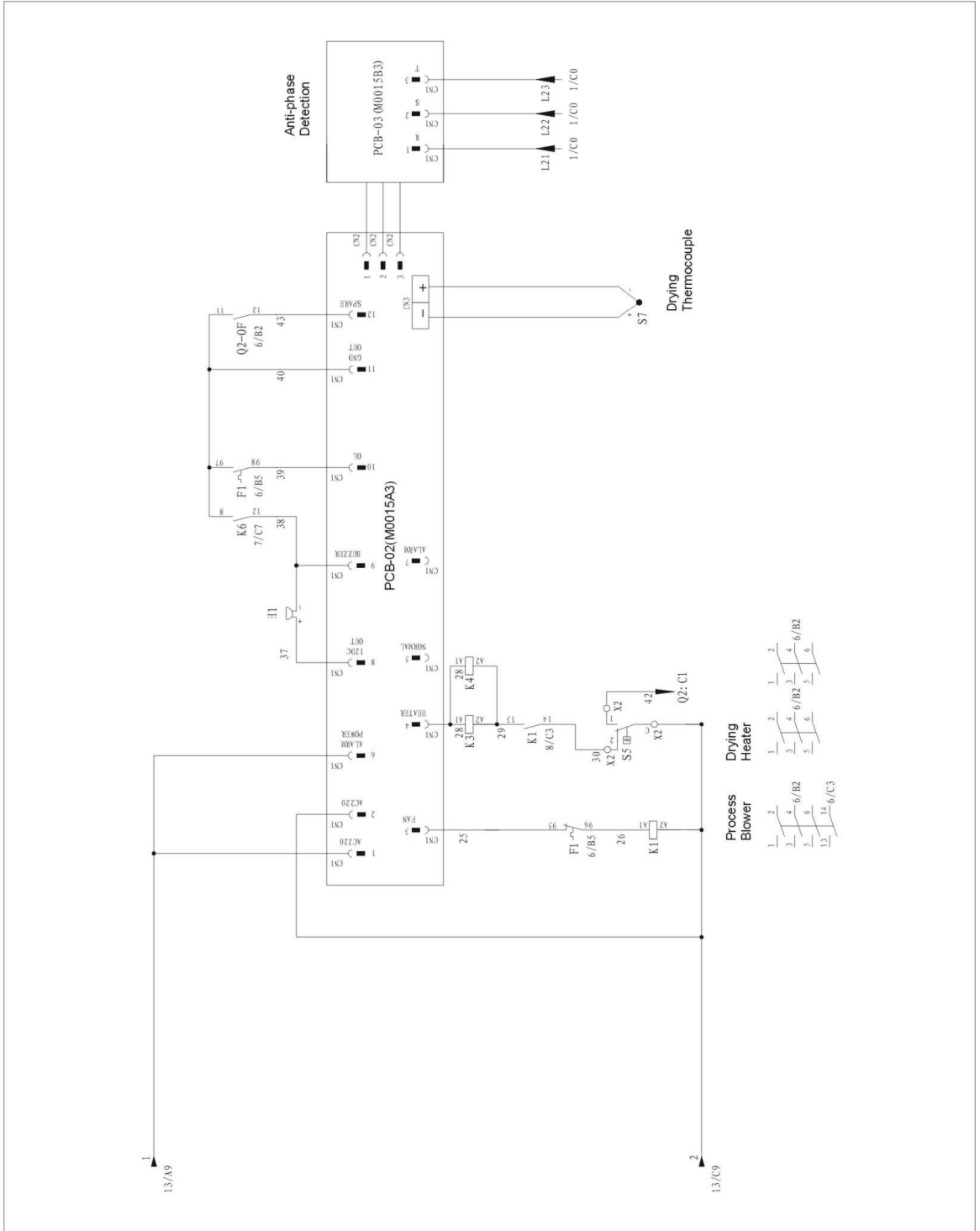
7. Main electrical circuit (SDL-600U~1200U-HD)



8. Control circuit 1 (SDL-600U~1200U-HD)

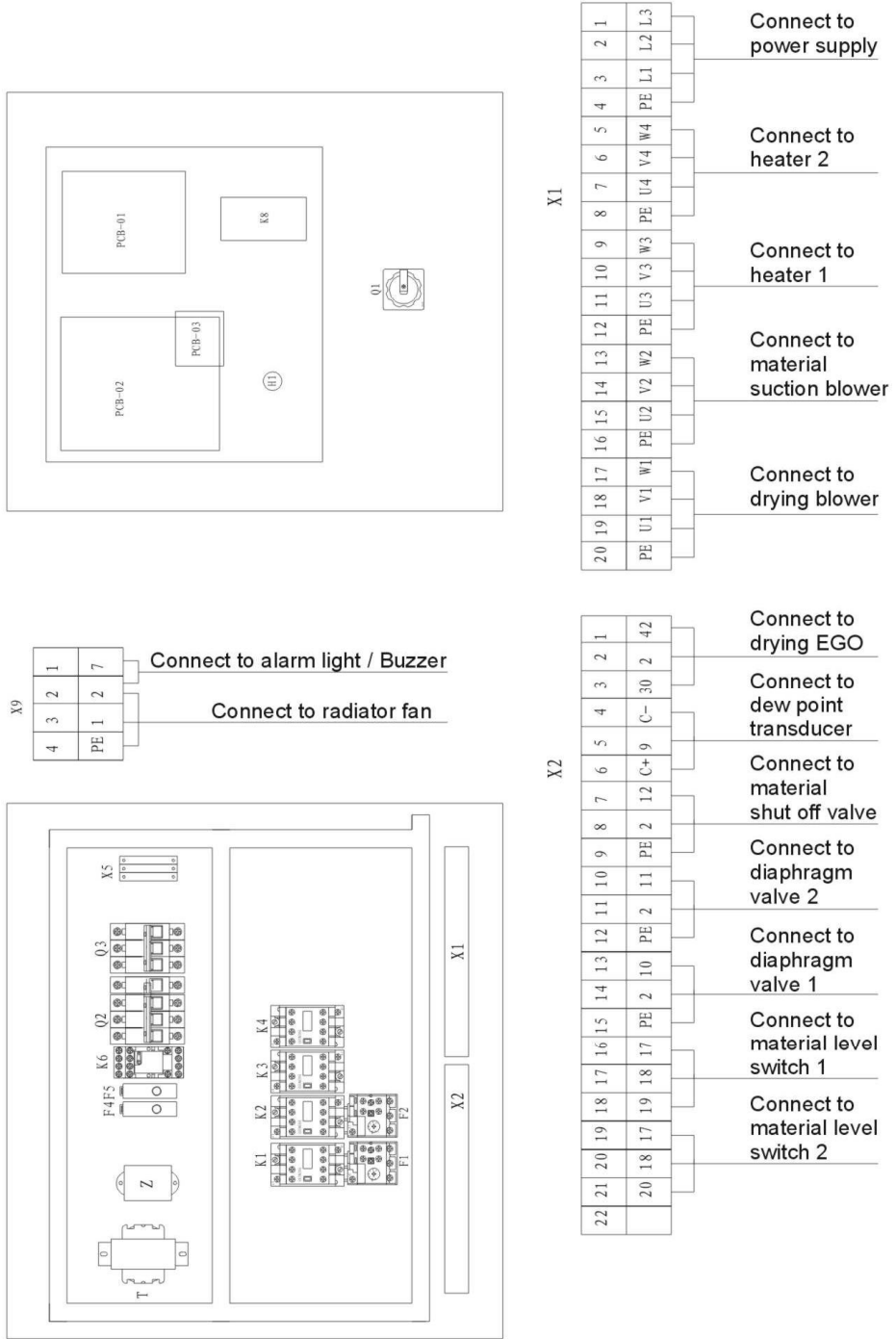


9. Control circuit 2 (SDL-600U~1200U-HD)



10. Electrical components layout (SDL-600U~1200U-HD)

Note: Directly wire drying thermocouple to circuit board_PC-02_CN3(+,-)



11. Electrical Components List (SDL-600U~1200U-HD)

NO.	Symbol	Name	SDL-600U-HD	
			Specification	Part NO.
1	Q1	Main switch	63A	YE10200300000
2	Q2	Circuit-breaker*	32A	YE40601500000
3	Q3	Circuit-breaker*	15A	YE40601500000
4	K1	Contactora*	230VAC 50Hz	YE00401000100
5	K2	Contactora*	230VAC 50Hz	YE00401000100
6	K3	Contactora*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	1~1.6A	YE01011600000
11	F2	Overheat relay *	3.2~5A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	57A 690V	YE61060000000
29	-	Terminal board	-	YE61063500000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.55kW	BM40005000150
35	M2	Blower*	220-240V/380-415V 1.5kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 18kW	BH70451200250
37	FM	Fan	220V-240VAC 40W	YM60121200400

* means possible broken parts. ** means easy broken part. and spare backup is suggested.

Please confirm the version of manual before placing the purchase order to guarantee that the item number of the spare part is in accordance with the real object.

NO.	Symbol	Name	SDL-750U-HD	
			Specification	Part NO.
1	Q1	Main switch	63A	YE10200300000
2	Q2	Circuit-breaker*	32A	YE40601500000
3	Q3	Circuit-breaker*	15A	YE40601500000
4	K1	Contactora*	230VAC 50Hz	YE00401000100
5	K2	Contactora*	230VAC 50Hz	YE00401000100
6	K3	Contactora*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	1~1.6A	YE01011600000
11	F2	Overheat relay *	3.2~5A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	57A 690V	YE61060000000
29	-	Terminal board	-	YE61063500000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.55kW	BM40005000150
35	M2	Blower*	220-240V/380-415V 1.5kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 18kW	BH70451200250
37	FM	Fan	220V-240VAC 40W	YM60121200400

* means possible broken parts. ** means easy broken part. and spare backup is suggested.

Please confirm the version of manual before placing the purchase order to guarantee that the item number of the spare part is in accordance with the real object.

NO.	Symbol	Name	SDL-900U-HD	
			Specification	Part NO.
1	Q1	Main switch	63A	YE10200300000
2	Q2	Circuit-breaker*	32A	YE40601500000
3	Q3	Circuit-breaker*	25A	YE40602500000
4	K1	Contacto*r*	230VAC 50Hz	YE00401000100
5	K2	Contacto*r*	230VAC 50Hz	YE00401000100
6	K3	Contacto*r*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	1~1.6A	YE01011600000
11	F2	Overheat relay *	5~8A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	76A 690V	YE61100000000
29	-	Terminal board	-	YE61103500000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.55kW	BM40005000150
35	M2	Blower*	220-240V/380-415V 2.6kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 12kW	-
37	EH2	Heater**	220-240V/380-415V 12kW	-
38	FM	Fan	220V-240VAC 40W	YM60121200400

* means possible broken parts. ** means easy broken part. and spare backup is suggested.

Please confirm the version of manual before placing the purchase order to guarantee that the item number of the spare part is in accordance with the real object.

NO.	Symbol	Name	SDL-1200U-HD	
			Specification	Part NO.
1	Q1	Main switch	63A	YE10200300000
2	Q2	Circuit-breaker*	32A	YE40601500000
3	Q3	Circuit-breaker*	25A	YE40602500000
4	K1	Contactoer*	230VAC 50Hz	YE00401000100
5	K2	Contactoer*	230VAC 50Hz	YE00401000100
6	K3	Contactoer*	230VAC 50Hz	YE00442200000
7	K6	Intermediate relay*	230VAC 50Hz	YE03270700000
8	K8	Dew-point meter	100-240VAC 50/60Hz	YE85122000100
9	S3	Dew-point transducer *	POWER=24VDC OUT=4~20mA	YE15041200000
10	F1	Overheat relay *	1~1.6A	YE01011600000
11	F2	Overheat relay *	5~8A	YE01032500000
12	F4	Fuse **	2A	YE41001000000
13	F5	Fuse **	0.5A	YE41001000000 YE46630500000
14	S1	Magnetic proximity switch *	20-24VDC	YE15123200000
15	S2	Photoelectric switch *	10-30VDC	YE15143900000
16	S5	Overheat protector *	250V~5(4)A	YE21503000000
17	S7	Thermocouple	K	BE90802000050
18	Y1 Y2 Y3	Magnetic valve *	230VAC 50/60Hz	YE32051800300
19	Z	EMI	250VAC 1A	YE73011100000
20	PCB-01	PCB *	STC43/44	YE80001500000
21	PCB-02	PCB *	SFD-102	YE80010200000
22	PCB-03	PCB *	-	YE80512500100
23	H1	Buzzer	24VDC	YE84002700000
24	H2	Alarm indicate lamp	230VAC 50Hz	YE83305100300
25	T	Transformer*	IN=400V OUT=230V/20V 500mA	YE70402300800
26	X1	Terminal board	32A 800V	YE61250000000
27	-	Terminal board	-	YE61025000100
28	-	Terminal board	76A 690V	YE61100000000
29	-	Terminal board	-	YE61103500000
30	X2	Terminal board	32A 690V	YE61250000000
31	-	Terminal board	-	YE61025000100
32	X3 X4	Heavy duty connector	4P 10A	YE68041000000
33	X5	Terminal board	32A 690V	YE61250000000
34	M1	Blower*	220-240V/380-415V 0.55kW	BM40005000150
35	M2	Blower*	220-240V/380-415V 2.6kW	BM30042000050
36	EH1	Heater**	220-240V/380-415V 12kW	-
37	EH2	Heater**	220-240V/380-415V 12kW	-
38	FM	Fan	220V-240VAC 40W	YM60121200400

* means possible broken parts. ** means easy broken part. and spare backup is suggested.